

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075987.D
 Acq On : 27 Dec 2022 16:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 04:45:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2022
 Supervised By : Mahesh Dadoda 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	291504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	437328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156419	49.323	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.640%		
35) Dibromofluoromethane	8.171	113	147216	50.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.240%		
50) Toluene-d8	10.571	98	554365	50.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.853	95	195225	54.209	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	87915	42.476	ug/l	97
3) Chloromethane	2.371	50	102017	39.638	ug/l	99
4) Vinyl Chloride	2.530	62	133612	43.521	ug/l	99
5) Bromomethane	2.942	94	105976	40.617	ug/l	98
6) Chloroethane	3.124	64	98772	43.445	ug/l	98
7) Trichlorofluoromethane	3.506	101	216892	46.558	ug/l	96
8) Diethyl Ether	3.971	74	80435	47.273	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	132346	49.752	ug/l	99
10) Methyl Iodide	4.600	142	197158	45.669	ug/l	100
11) Tert butyl alcohol	5.530	59	99224	221.120	ug/l	99
12) 1,1-Dichloroethene	4.353	96	122137	47.275	ug/l	96
13) Acrolein	4.189	56	165365	300.591	ug/l	100
14) Allyl chloride	5.036	41	140379	46.480	ug/l	90
15) Acrylonitrile	5.730	53	286794	234.200	ug/l	100
16) Acetone	4.436	43	242657	221.968	ug/l	94
17) Carbon Disulfide	4.724	76	252091	40.300	ug/l	97
18) Methyl Acetate	5.036	43	150360	46.531	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	429361	50.466	ug/l	99
20) Methylene Chloride	5.283	84	140313	47.954	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	129615	45.810	ug/l	97
22) Diisopropyl ether	6.683	45	372335	50.749	ug/l	97
23) Vinyl Acetate	6.612	43	1233333	249.754	ug/l	99
24) 1,1-Dichloroethane	6.577	63	236585	48.351	ug/l	99
25) 2-Butanone	7.488	43	364588	238.186	ug/l	97
26) 2,2-Dichloropropane	7.494	77	210854	50.886	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	166296	49.143	ug/l	98
28) Bromochloromethane	7.818	49	98558	45.956	ug/l	100
29) Tetrahydrofuran	7.841	42	229932	239.702	ug/l	99
30) Chloroform	7.971	83	267788	48.608	ug/l	93
31) Cyclohexane	8.265	56	195440	43.031	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	242478	49.646	ug/l	98
36) 1,1-Dichloropropene	8.371	75	187251	48.471	ug/l	99
37) Ethyl Acetate	7.565	43	143573	46.268	ug/l	99
38) Carbon Tetrachloride	8.371	117	216585	50.092	ug/l	97
39) Methylcyclohexane	9.606	83	241662	51.852	ug/l	98
40) Benzene	8.612	78	574188	48.173	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075987.D
 Acq On : 27 Dec 2022 16:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2022
 Supervised By : Mahesh Dadoda 12/28/2022

Quant Time: Dec 28 04:45:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75600	46.871	ug/l	93
42) 1,2-Dichloroethane	8.677	62	188131	47.476	ug/l	98
43) Isopropyl Acetate	8.694	43	256889	50.186	ug/l	99
44) Trichloroethene	9.353	130	160704	47.859	ug/l	100
45) 1,2-Dichloropropane	9.624	63	142761	49.220	ug/l	100
46) Dibromomethane	9.712	93	104288	48.477	ug/l	100
47) Bromodichloromethane	9.888	83	215567	51.097	ug/l	98
48) Methyl methacrylate	9.682	41	119787	51.958	ug/l	99
49) 1,4-Dioxane	9.700	88	56050	988.922	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	785234	253.661	ug/l	99
52) Toluene	10.635	92	393829	50.733	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	222256	53.819	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	241827	53.334	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	152018	49.893	ug/l	94
56) Ethyl methacrylate	10.876	69	220198	54.409	ug/l	98
57) 1,3-Dichloropropane	11.165	76	251234	50.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	341089	264.713	ug/l	100
59) 2-Hexanone	11.200	43	571873	253.318	ug/l	100
60) Dibromochloromethane	11.359	129	179402	52.945	ug/l	98
61) 1,2-Dibromoethane	11.471	107	156961	50.906	ug/l	99
64) Tetrachloroethene	11.106	164	150473	48.897	ug/l	99
65) Chlorobenzene	11.894	112	433389	48.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	166035	49.940	ug/l	100
67) Ethyl Benzene	11.965	91	774990	51.157	ug/l	99
68) m/p-Xylenes	12.076	106	613412	102.302	ug/l	99
69) o-Xylene	12.400	106	306453	51.646	ug/l	99
70) Styrene	12.412	104	507076	53.746	ug/l	98
71) Bromoform	12.582	173	128144	52.969	ug/l #	98
73) Isopropylbenzene	12.700	105	804509	50.452	ug/l	99
74) N-amyl acetate	12.494	43	232456	49.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	223767	45.393	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	194469m	43.721	ug/l	
77) Bromobenzene	12.982	156	191140	47.364	ug/l	98
78) n-propylbenzene	13.041	91	926677	52.690	ug/l	99
79) 2-Chlorotoluene	13.129	91	537088	48.921	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	681507	51.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	63873	51.689	ug/l	99
82) 4-Chlorotoluene	13.129	91	537088	48.921	ug/l	100
83) tert-Butylbenzene	13.441	119	598469	50.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	686009	51.815	ug/l	99
85) sec-Butylbenzene	13.617	105	873096	53.759	ug/l	99
86) p-Isopropyltoluene	13.735	119	739959	54.755	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	367420	49.289	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	363249	47.701	ug/l	100
89) n-Butylbenzene	14.059	91	608279	55.561	ug/l	100
90) Hexachloroethane	14.335	117	130108	53.822	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	357326	48.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38598	44.127	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	182814	50.291	ug/l	100
94) Hexachlorobutadiene	15.506	225	98954	49.894	ug/l	98
95) Naphthalene	15.647	128	518378	43.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	178002	52.391	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075987.D
 Acq On : 27 Dec 2022 16:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/28/2022
 Supervised By : Mahesh Dadoda 12/28/2022

Quant Time: Dec 28 04:45:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

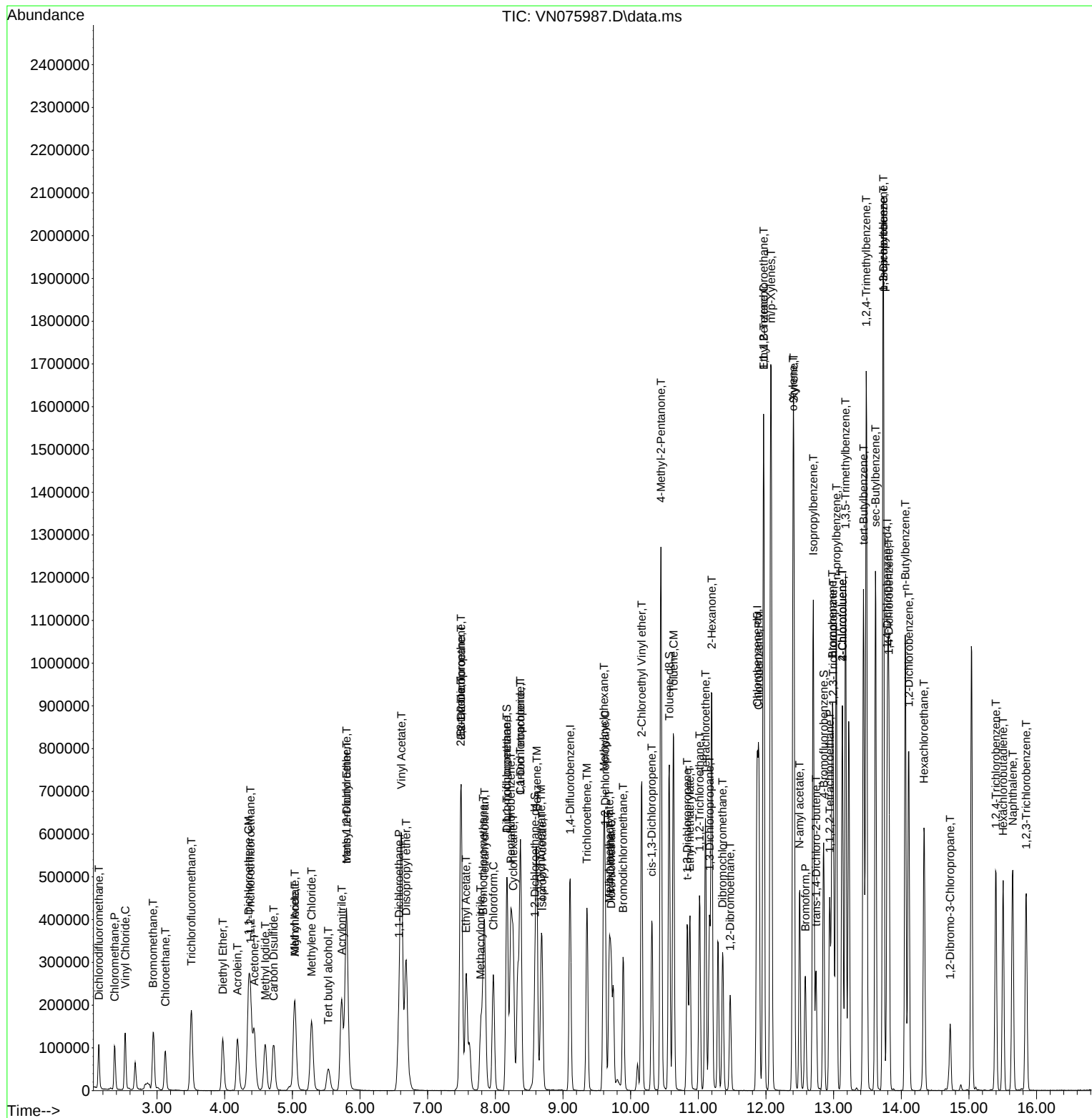
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075987.D
 Acq On : 27 Dec 2022 16:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

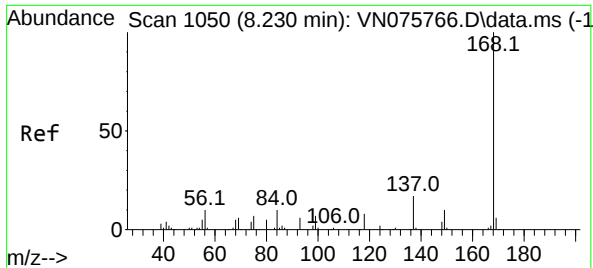
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 28 04:45:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

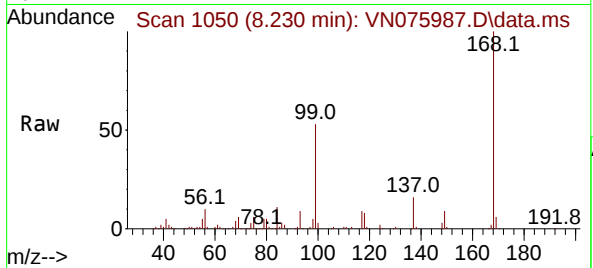
Reviewed By : John Carlone 12/28/2022
 Supervised By : Mahesh Dadoda 12/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

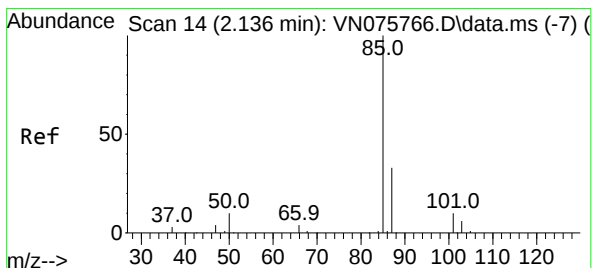
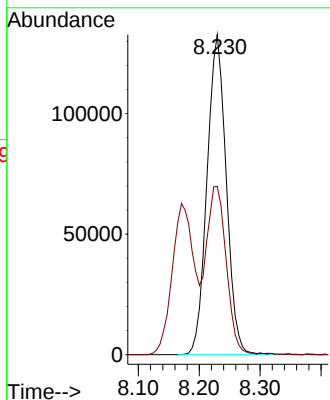
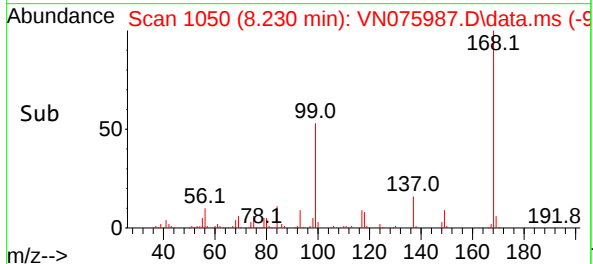
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 291504
Ion Ratio Lower Upper
168 100
99 52.3 44.2 66.4

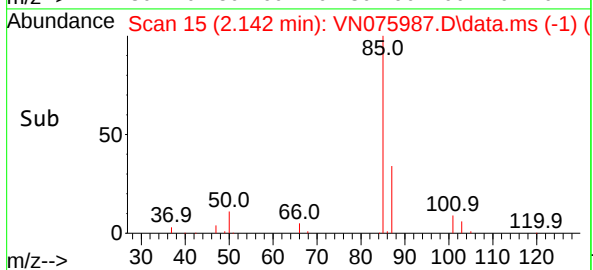
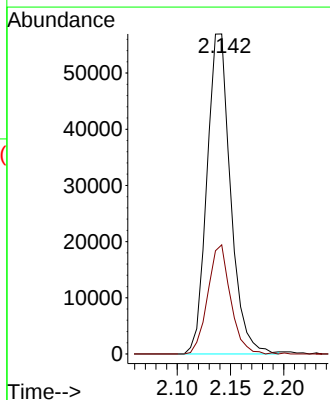
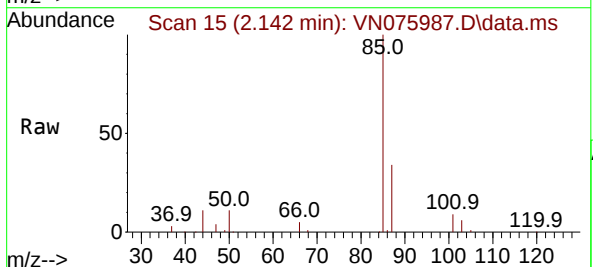
Manual Integrations
APPROVED

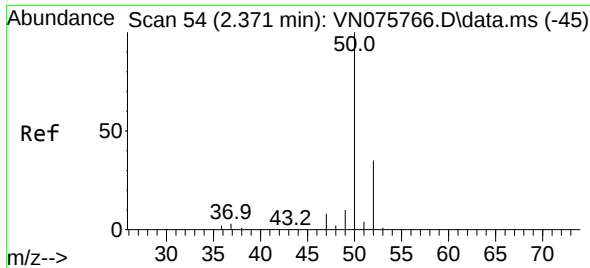
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#2
Dichlorodifluoromethane
Concen: 42.476 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 85 Resp: 87915
Ion Ratio Lower Upper
85 100
87 34.1 16.3 48.9





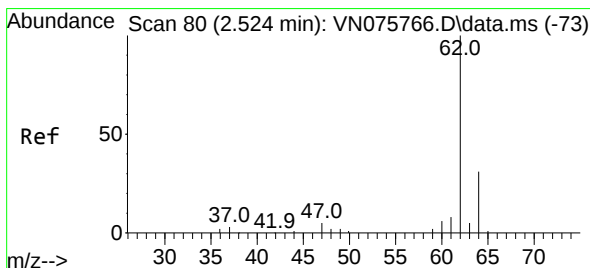
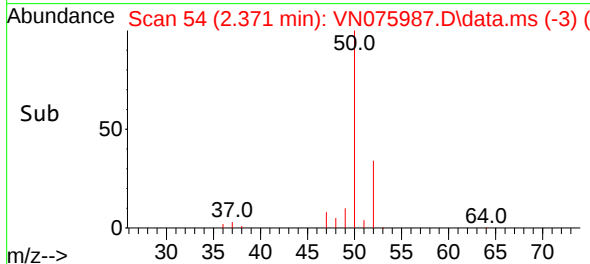
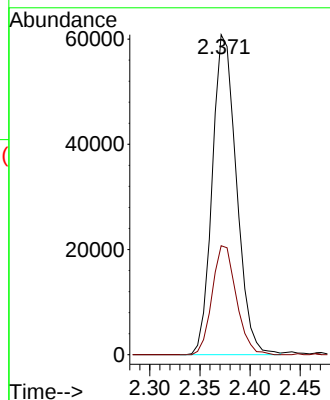
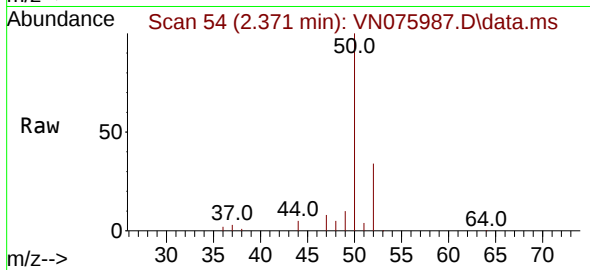
#3
Chloromethane
Concen: 39.638 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 10201
Ion Ratio Lower Upper
50 100
52 34.0 27.7 41.5

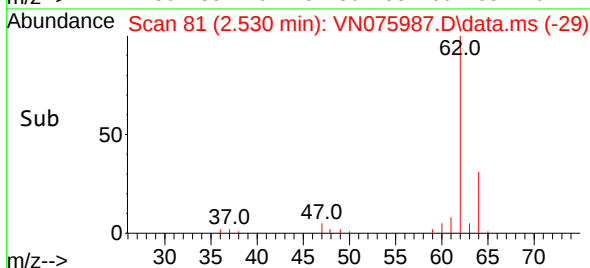
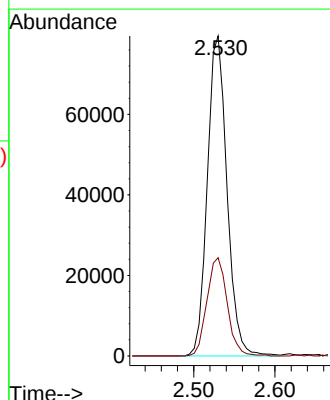
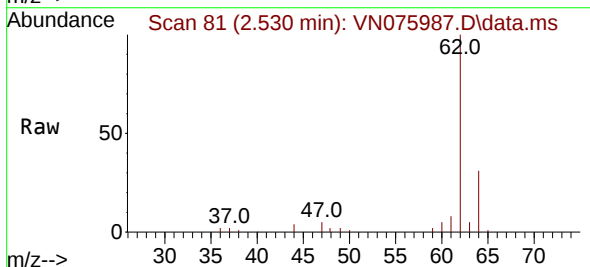
Manual Integrations
APPROVED

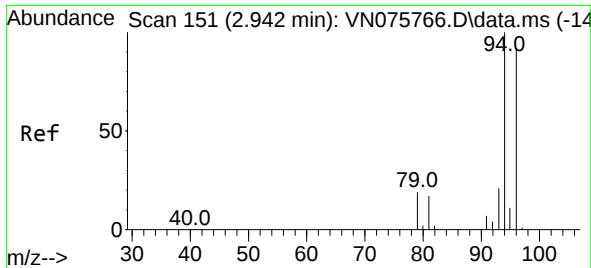
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#4
Vinyl Chloride
Concen: 43.521 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

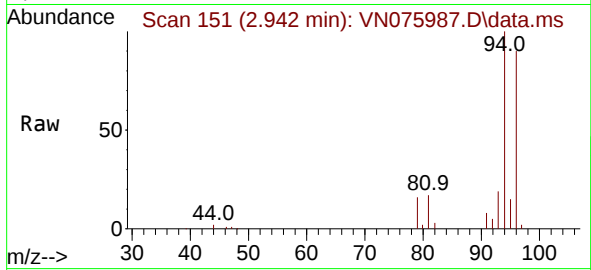
Tgt Ion: 62 Resp: 133612
Ion Ratio Lower Upper
62 100
64 30.7 24.9 37.3





#5
Bromomethane
Concen: 40.617 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

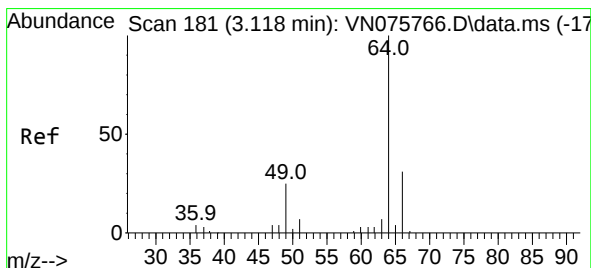
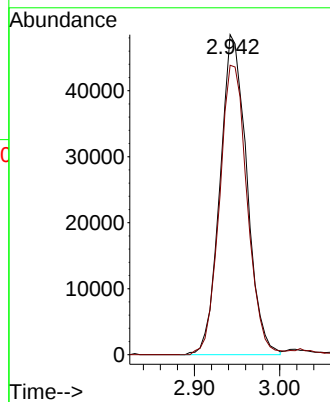
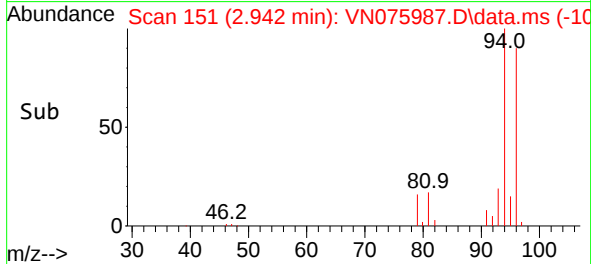
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 105970
Ion Ratio Lower Upper
94 100
96 90.5 73.8 110.6

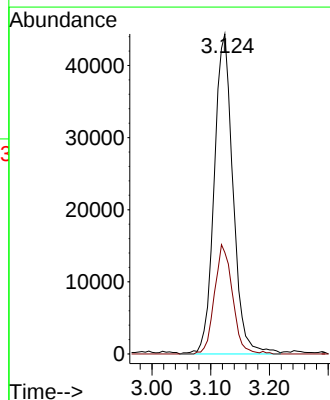
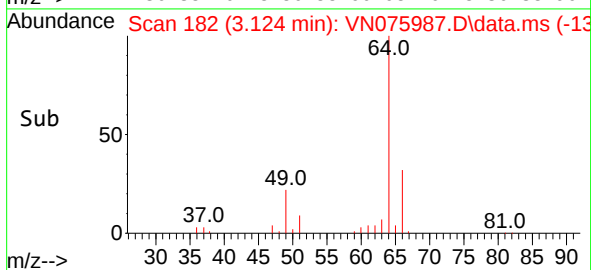
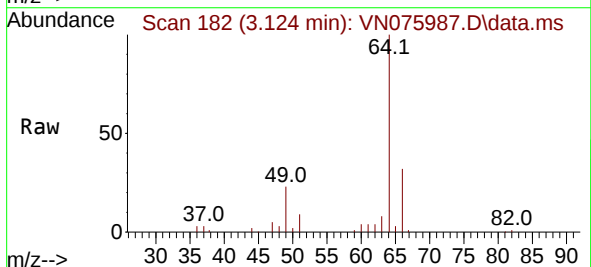
Manual Integrations
APPROVED

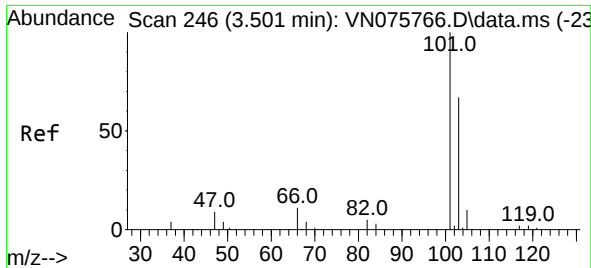
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#6
Chloroethane
Concen: 43.445 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

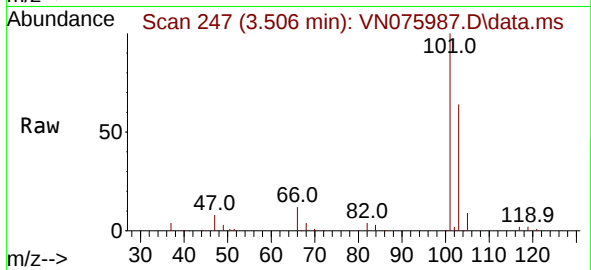
Tgt Ion: 64 Resp: 98772
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 46.558 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

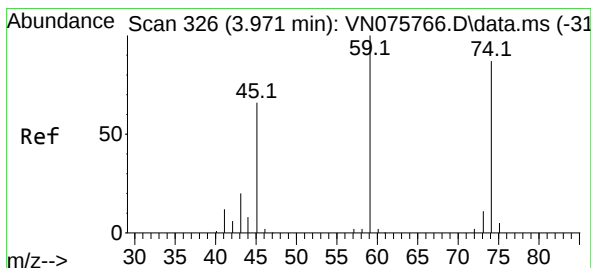
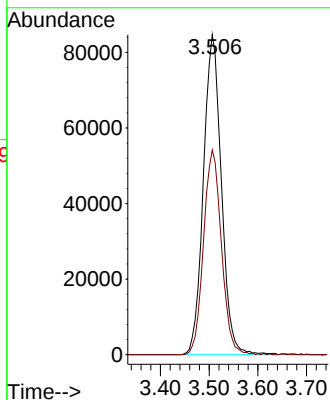
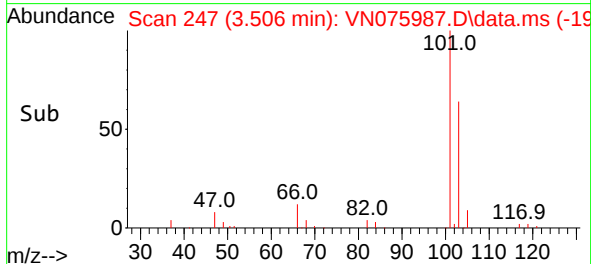
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 21689
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.4 80.2

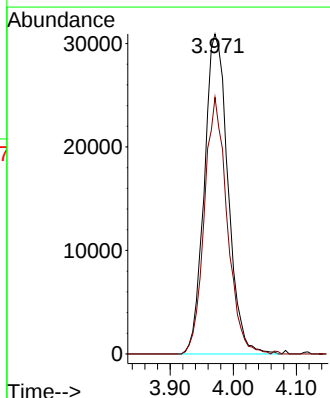
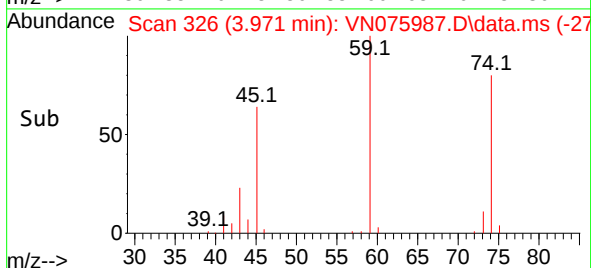
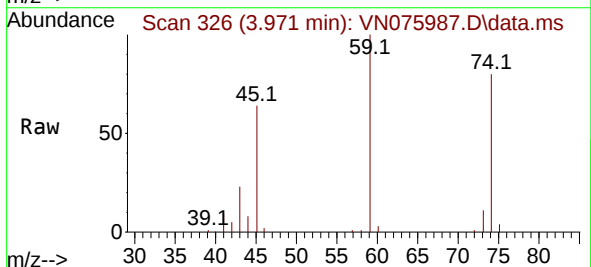
Manual Integrations
 APPROVED

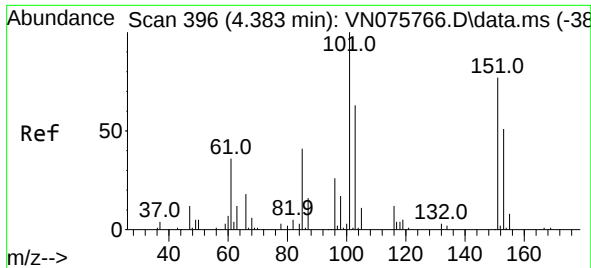
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#8
 Diethyl Ether
 Concen: 47.273 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

Tgt Ion: 74 Resp: 80435
 Ion Ratio Lower Upper
 74 100
 45 77.3 37.8 113.4





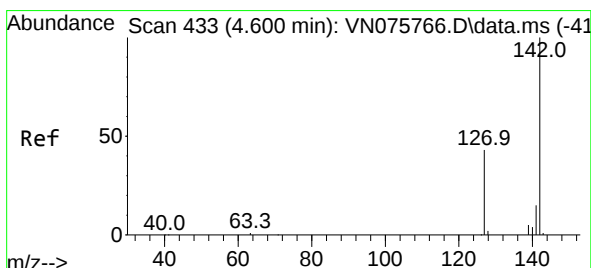
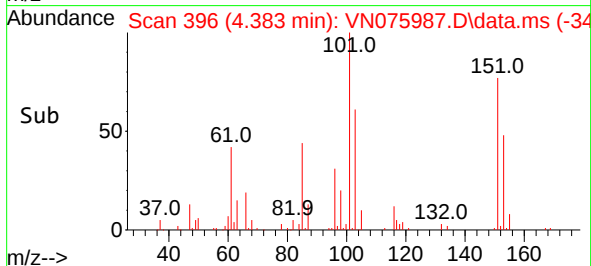
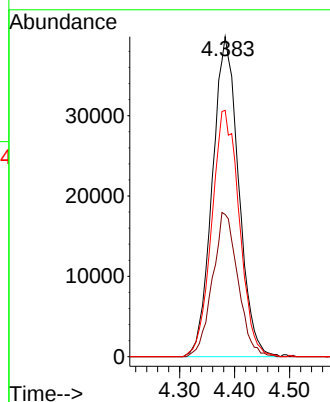
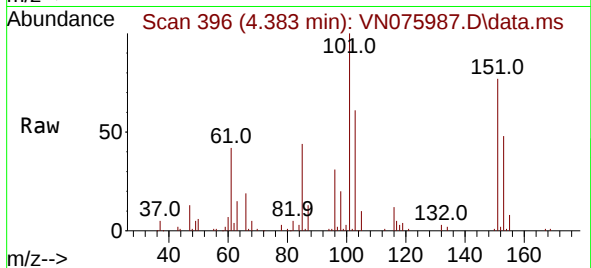
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.752 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 132340
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 80.6 65.6 98.4

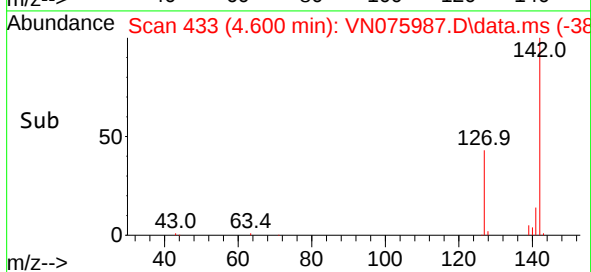
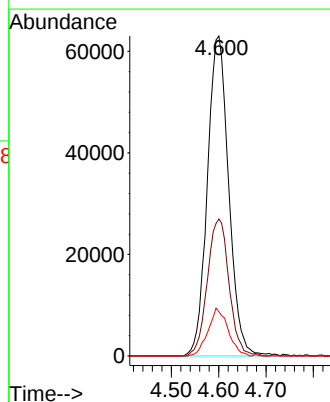
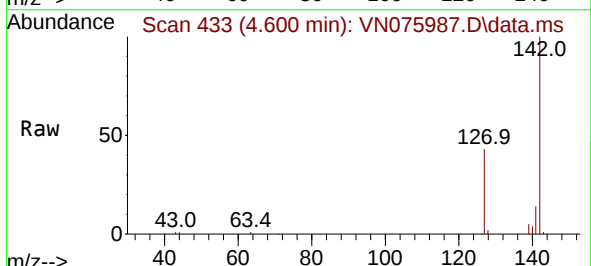
Manual Integrations
APPROVED

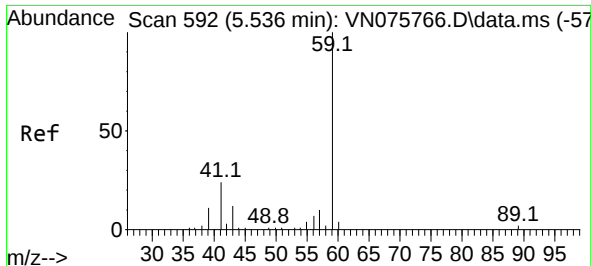
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#10
Methyl Iodide
Concen: 45.669 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion:142 Resp: 197158
Ion Ratio Lower Upper
142 100
127 43.5 34.7 52.1
141 14.1 11.4 17.2





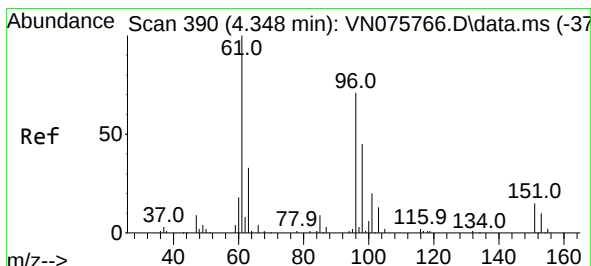
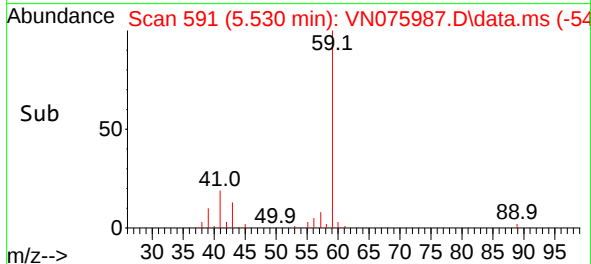
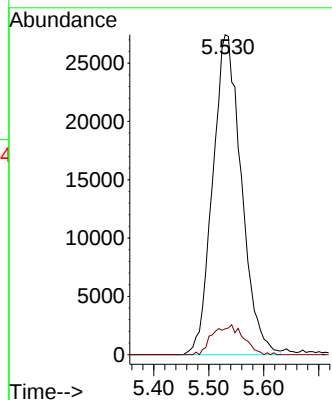
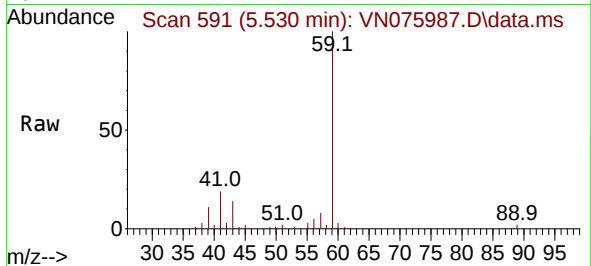
#11
Tert butyl alcohol
Concen: 221.120 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 99224
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

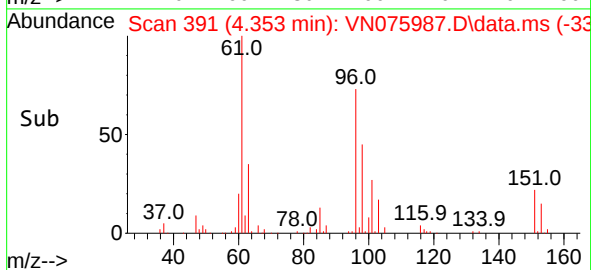
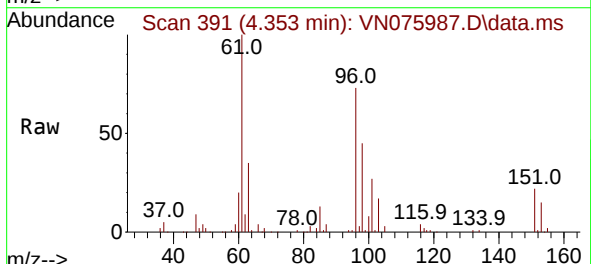
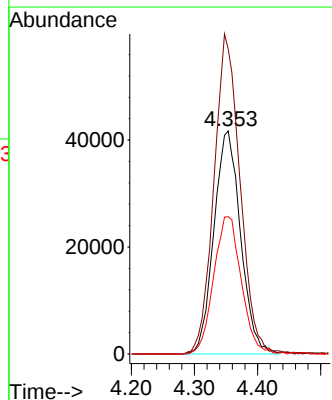
Manual Integrations
APPROVED

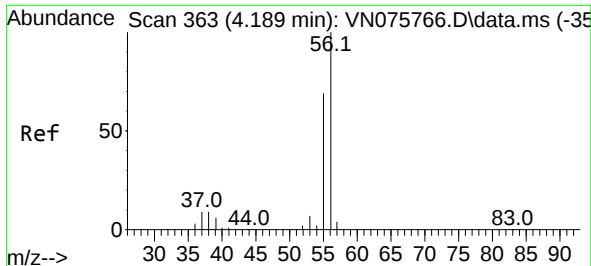
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#12
1,1-Dichloroethene
Concen: 47.275 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

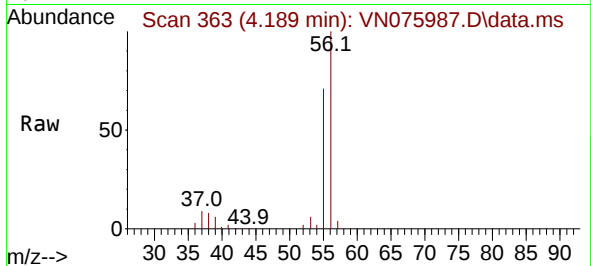
Tgt Ion: 96 Resp: 122137
Ion Ratio Lower Upper
96 100
61 136.8 113.3 169.9
98 61.5 50.9 76.3





#13
Acrolein
Concen: 300.591 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

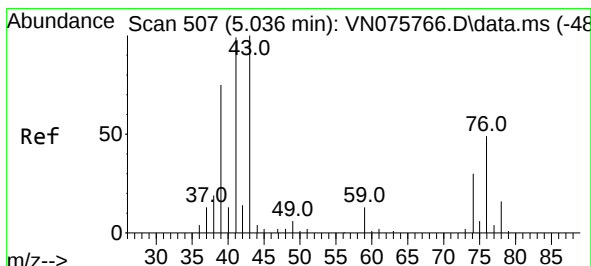
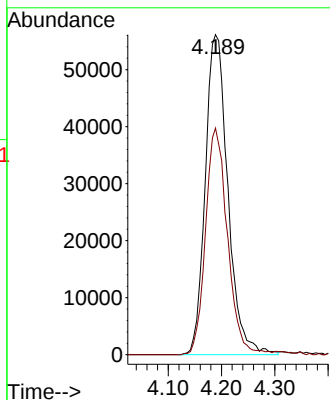
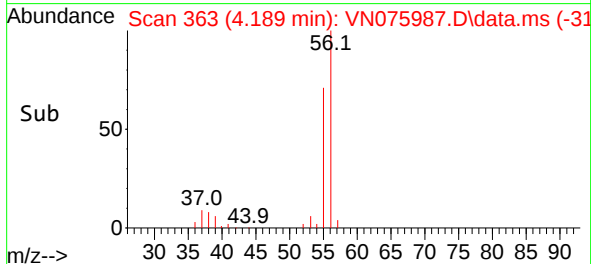
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



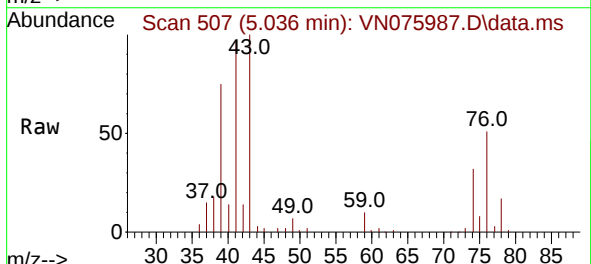
Tgt Ion: 56 Resp: 16536
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2

Manual Integrations
APPROVED

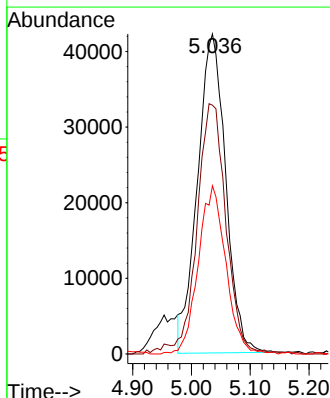
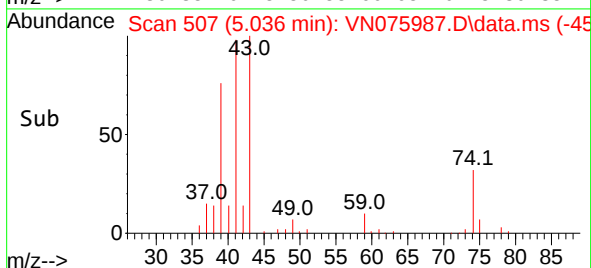
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

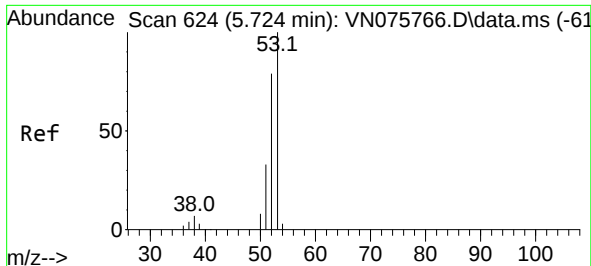


#14
Allyl chloride
Concen: 46.480 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



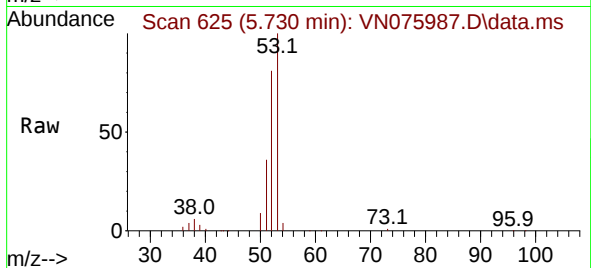
Tgt Ion: 41 Resp: 140379
Ion Ratio Lower Upper
41 100
39 81.2 58.3 87.5
76 51.6 35.8 53.6





#15
Acrylonitrile
Concen: 234.200 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

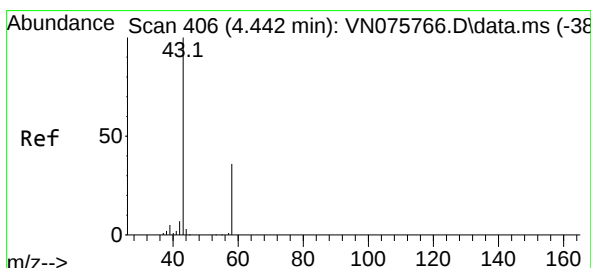
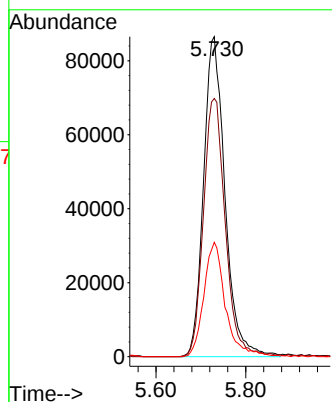
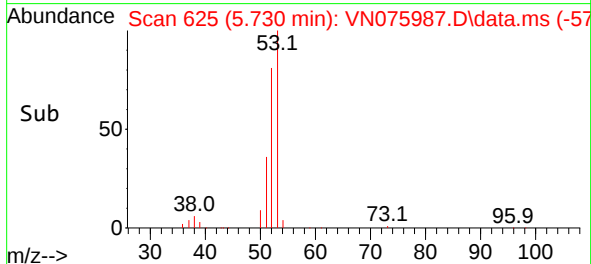
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 286794
Ion Ratio Lower Upper
53 100
52 82.1 65.4 98.0
51 36.1 28.9 43.3

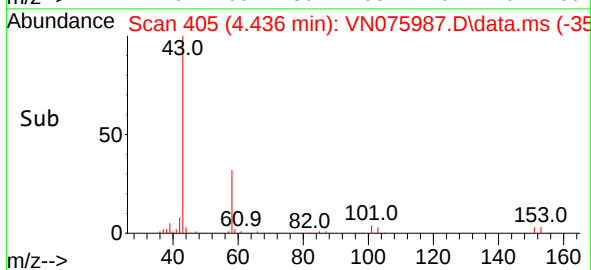
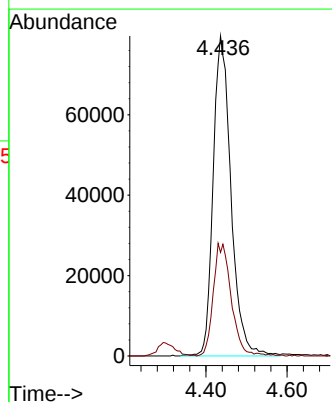
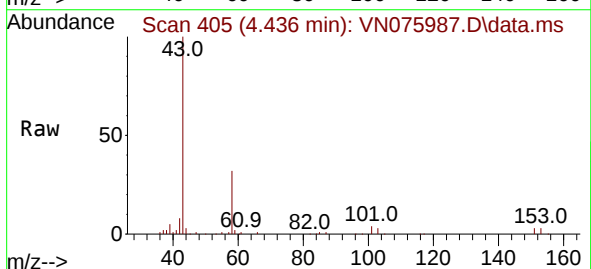
Manual Integrations
APPROVED

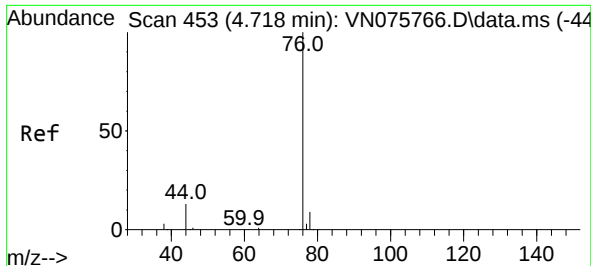
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#16
Acetone
Concen: 221.968 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 43 Resp: 242657
Ion Ratio Lower Upper
43 100
58 32.1 28.6 43.0





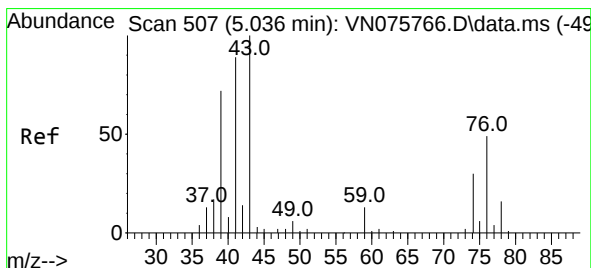
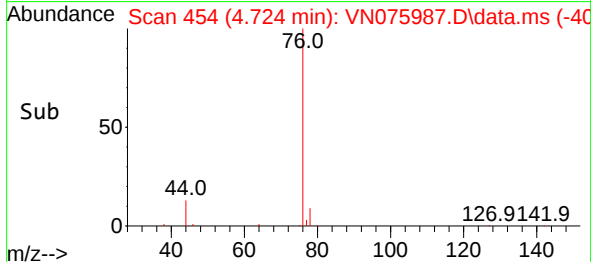
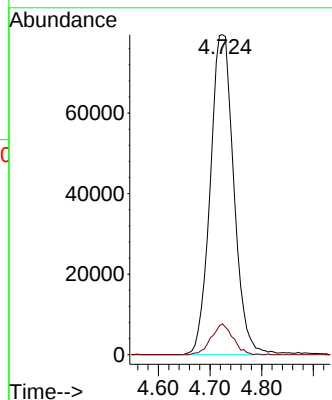
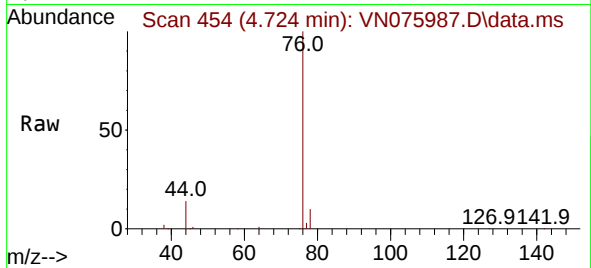
#17
Carbon Disulfide
Concen: 40.300 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 25209
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

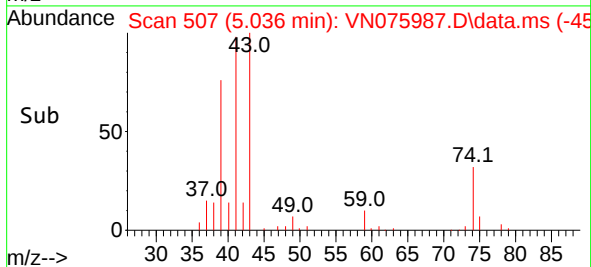
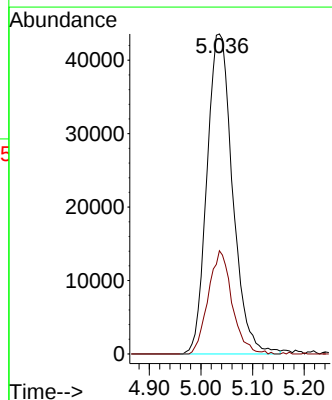
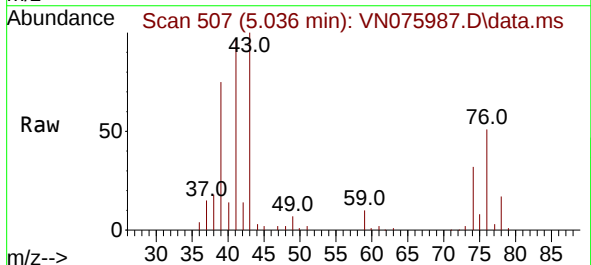
Manual Integrations
APPROVED

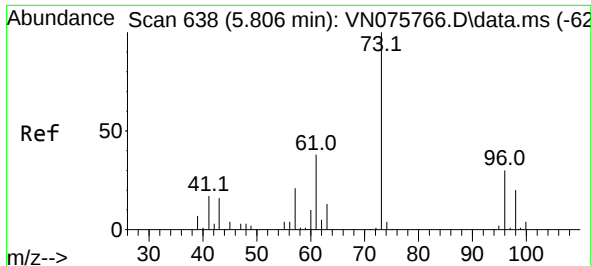
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#18
Methyl Acetate
Concen: 46.531 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 43 Resp: 150360
Ion Ratio Lower Upper
43 100
74 30.0 23.6 35.4





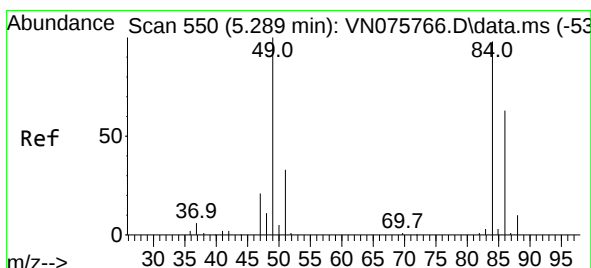
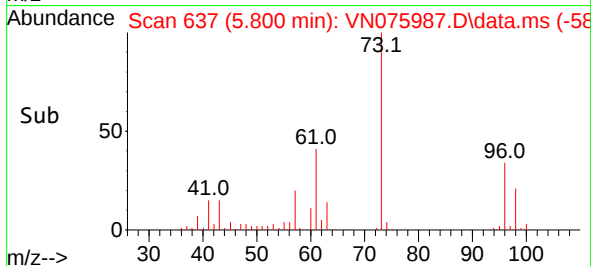
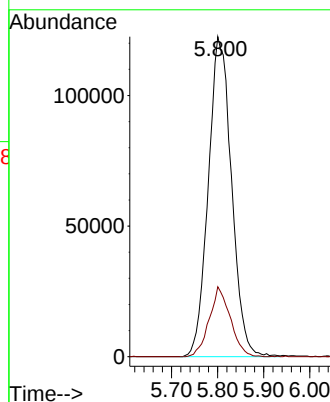
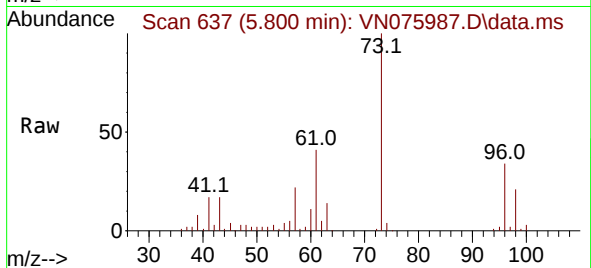
#19
Methyl tert-butyl Ether
Concen: 50.466 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 42936
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7

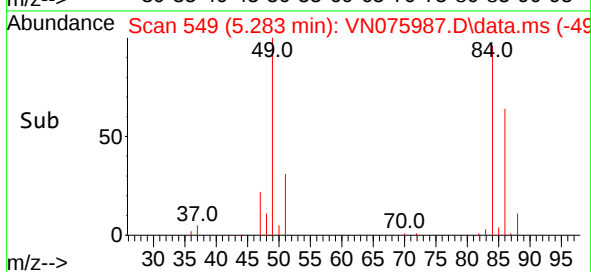
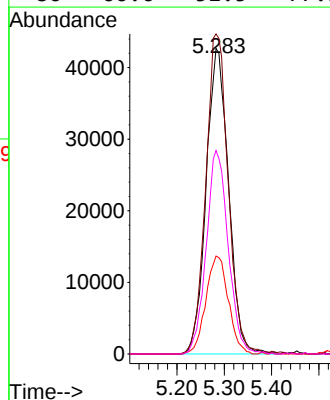
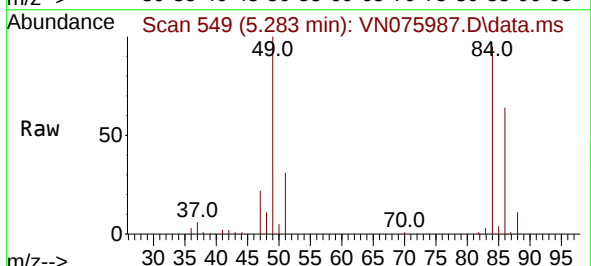
Manual Integrations
APPROVED

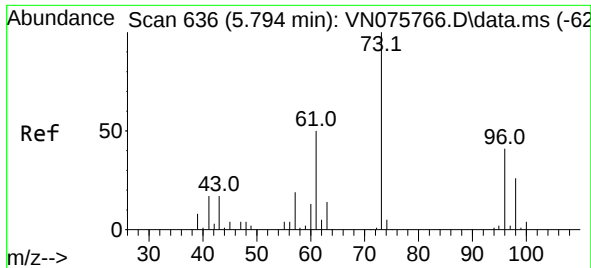
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#20
Methylene Chloride
Concen: 47.954 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 84 Resp: 140313
Ion Ratio Lower Upper
84 100
49 104.8 81.8 122.6
51 32.0 26.7 40.1
86 66.6 51.5 77.3





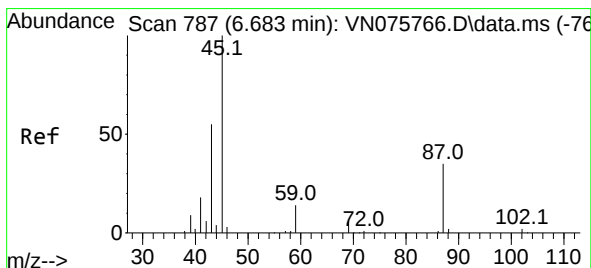
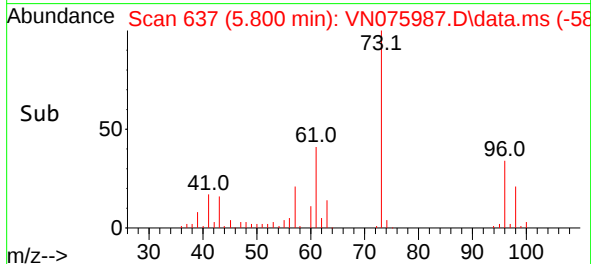
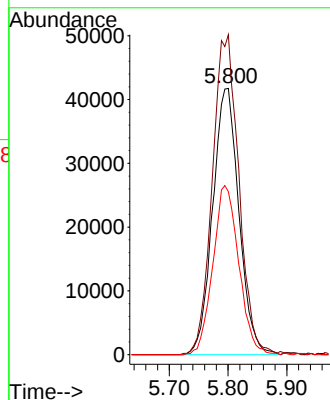
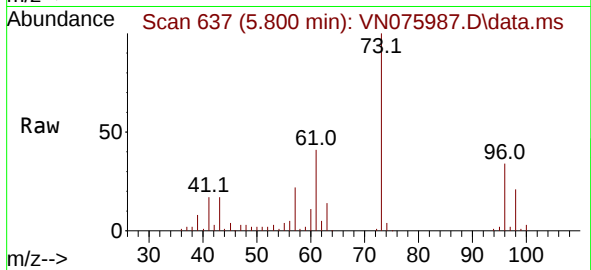
#21
trans-1,2-Dichloroethene
Concen: 45.810 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 129615
Ion Ratio Lower Upper
96 100
61 120.2 98.1 147.1
98 61.2 51.4 77.2

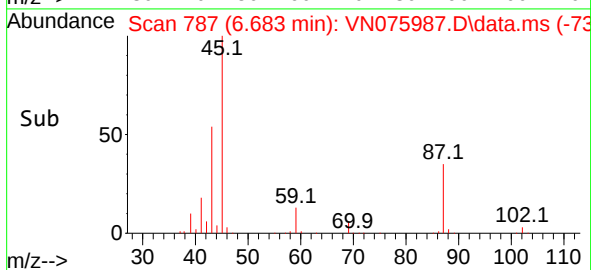
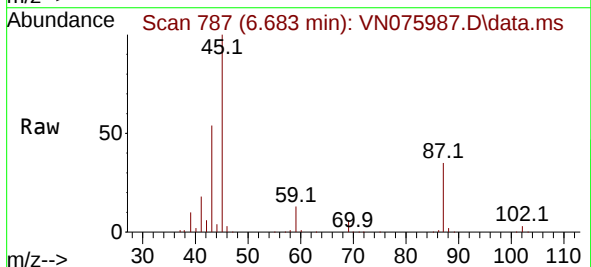
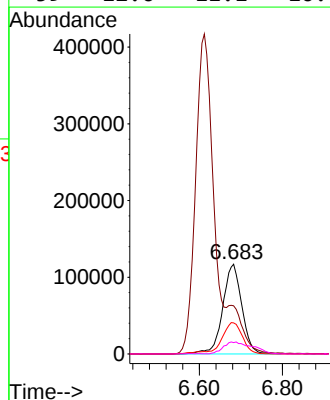
Manual Integrations
APPROVED

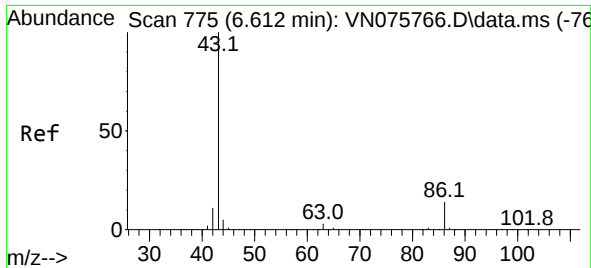
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#22
Diisopropyl ether
Concen: 50.749 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 45 Resp: 372335
Ion Ratio Lower Upper
45 100
43 52.6 44.2 66.4
87 34.5 28.3 42.5
59 12.6 11.1 16.7





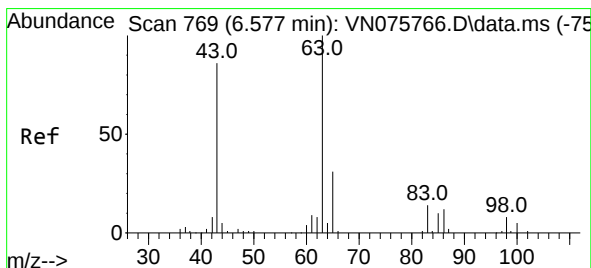
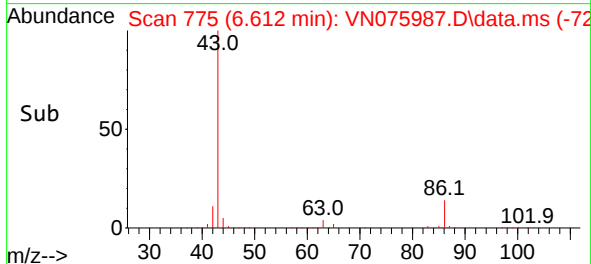
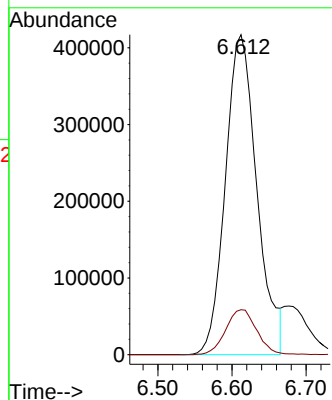
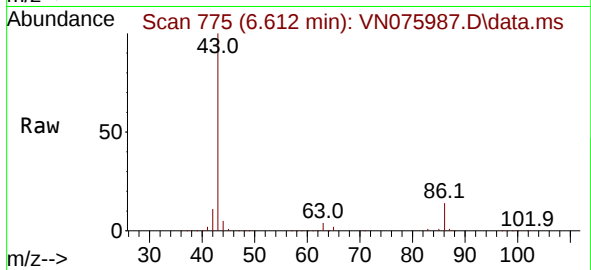
#23
 Vinyl Acetate
 Concen: 249.754 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 123333
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.2

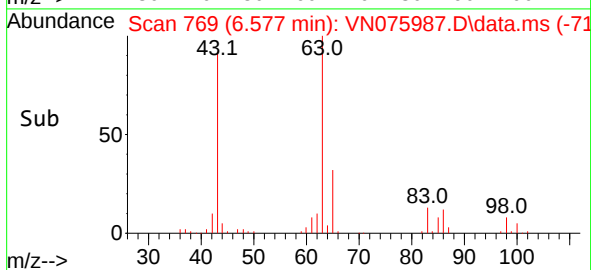
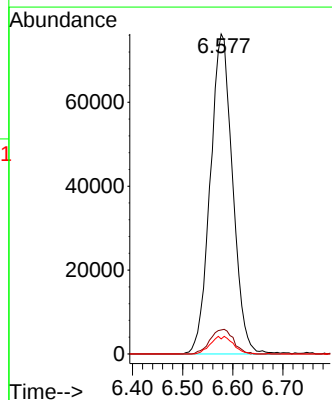
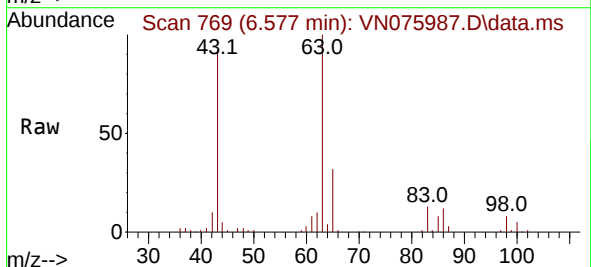
Manual Integrations
 APPROVED

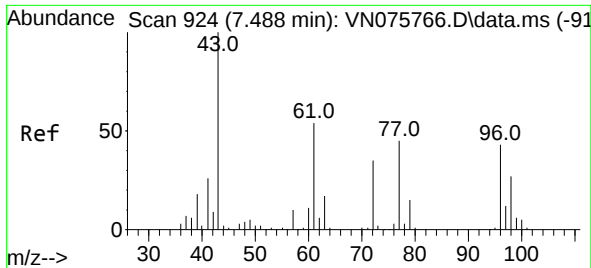
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#24
 1,1-Dichloroethane
 Concen: 48.351 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

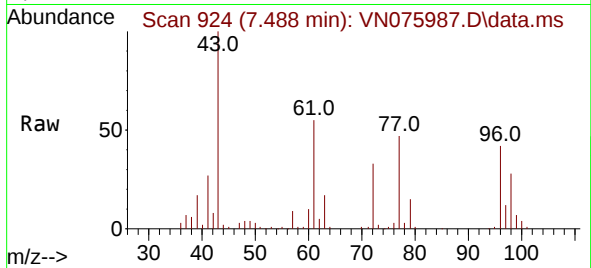
Tgt Ion: 63 Resp: 236585
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 4.7 2.5 7.6





#25
2-Butanone
Concen: 238.186 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

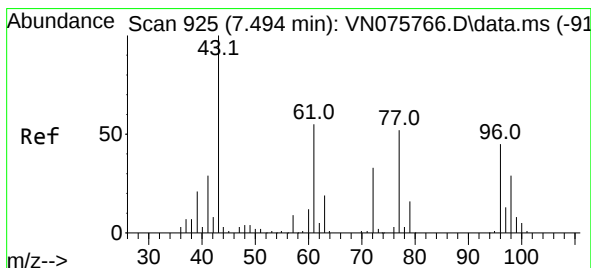
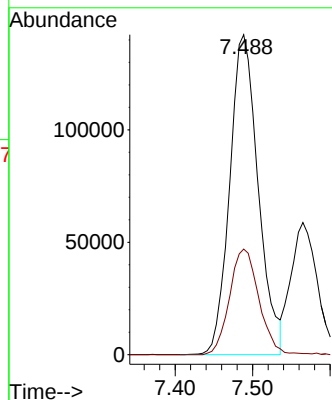
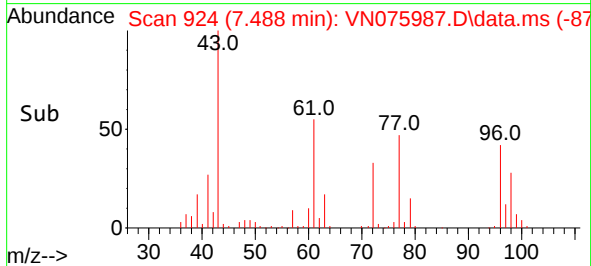
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



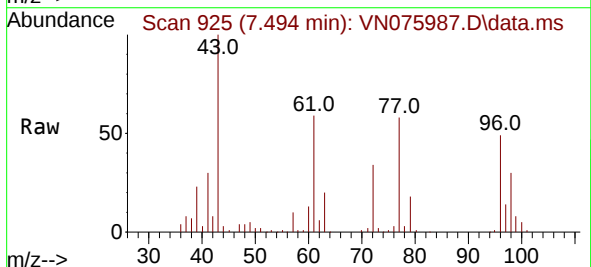
Tgt Ion: 43 Resp: 364588
Ion Ratio Lower Upper
43 100
72 33.0 28.0 42.0

Manual Integrations
APPROVED

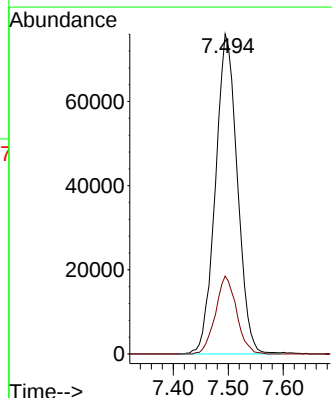
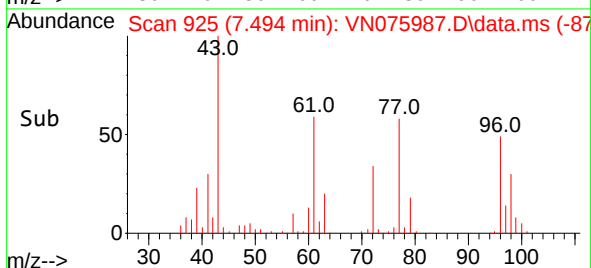
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

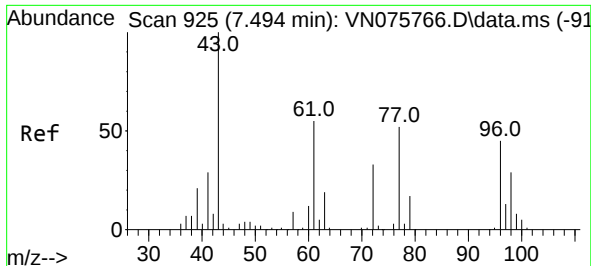


#26
2,2-Dichloropropane
Concen: 50.886 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



Tgt Ion: 77 Resp: 210854
Ion Ratio Lower Upper
77 100
97 23.4 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 49.143 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075987.D

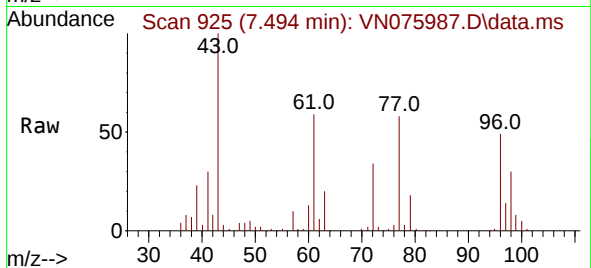
Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



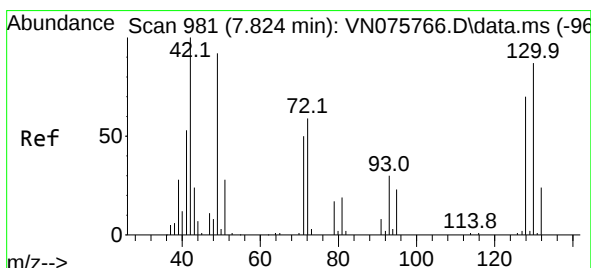
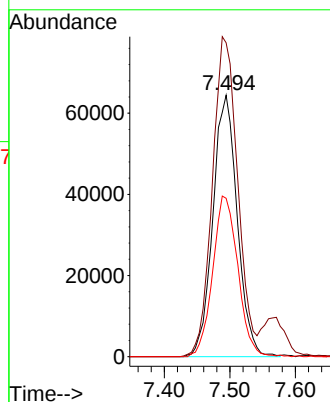
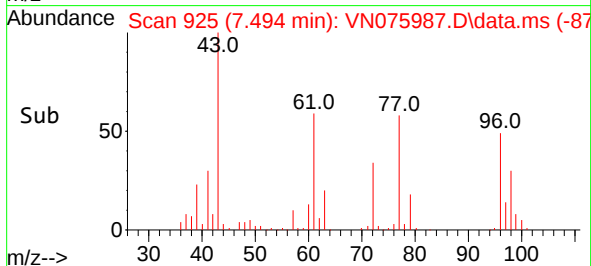
Tgt Ion:	96	Resp:	166290
Ion Ratio	Lower	Upper	
96	100		
61	127.0	0.0	247.8
98	63.2	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#28

Bromochloromethane

Concen: 45.956 ug/l

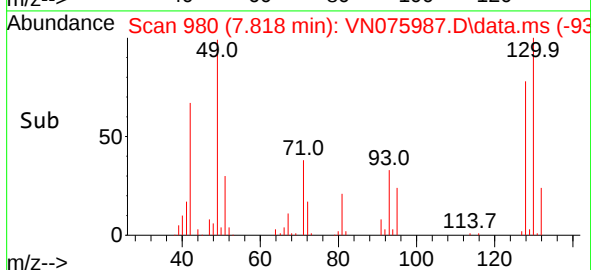
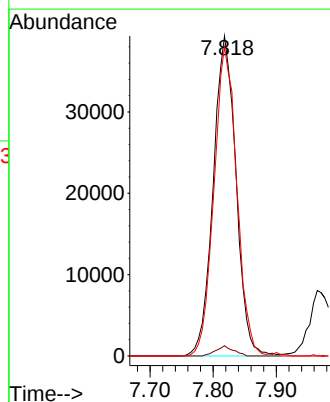
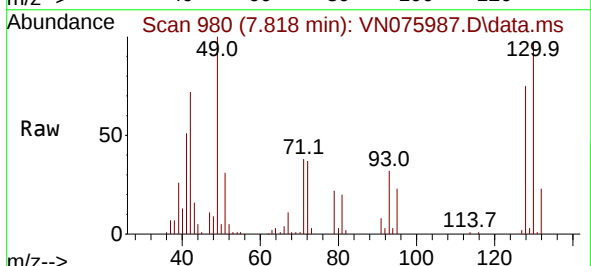
RT: 7.818 min Scan# 980

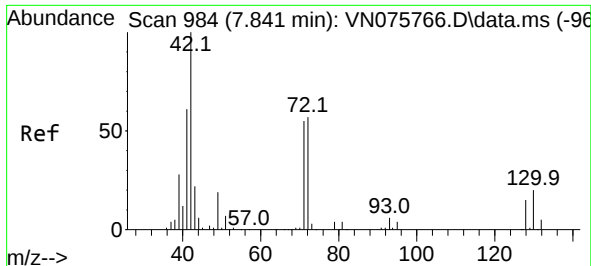
Delta R.T. -0.006 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

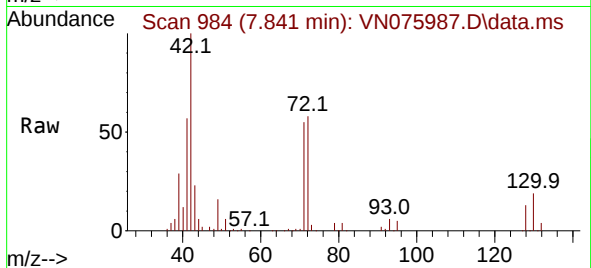
Tgt Ion:	49	Resp:	98558
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	5.0
130	96.7	77.0	115.4





#29
Tetrahydrofuran
Concen: 239.702 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

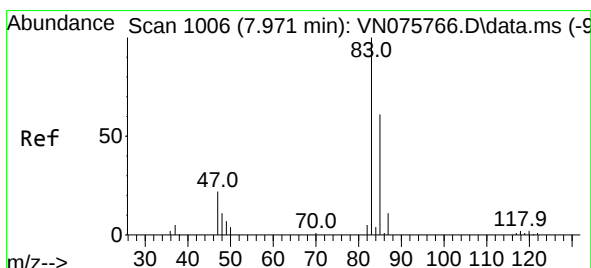
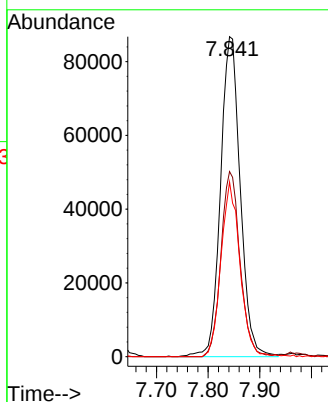
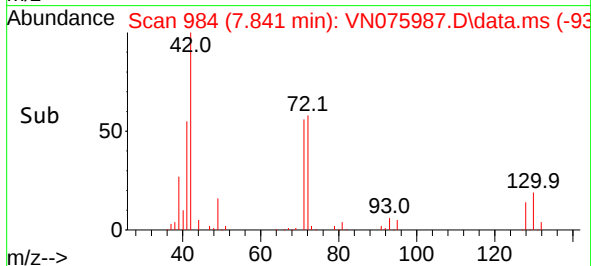
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



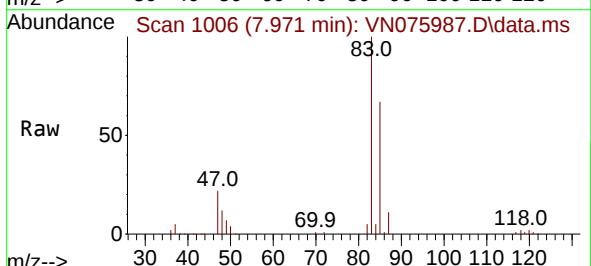
Tgt Ion: 42 Resp: 229932
Ion Ratio Lower Upper
42 100
72 56.1 44.5 66.7
71 52.3 41.0 61.6

Manual Integrations
APPROVED

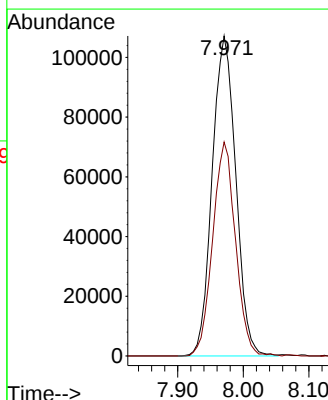
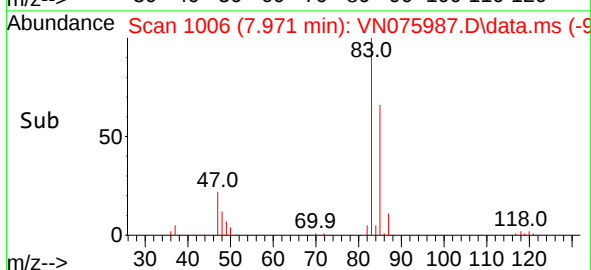
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

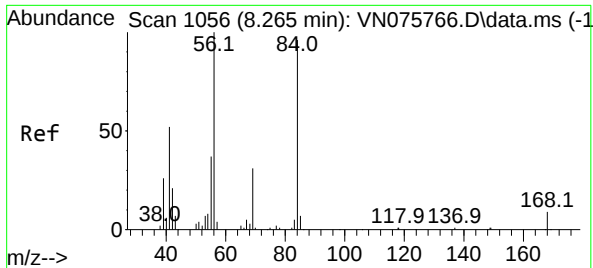


#30
Chloroform
Concen: 48.608 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



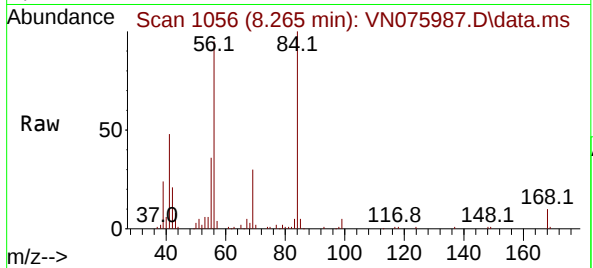
Tgt Ion: 83 Resp: 267788
Ion Ratio Lower Upper
83 100
85 66.8 49.1 73.7





#31
Cyclohexane
Concen: 43.031 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

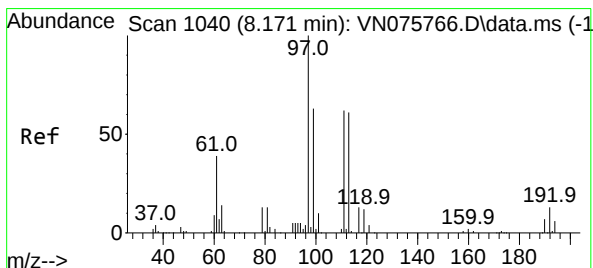
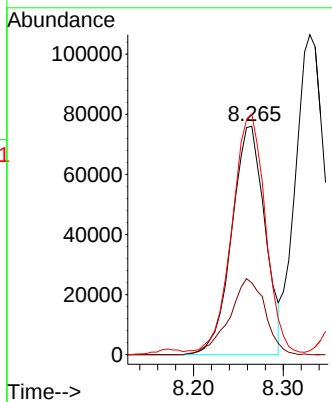
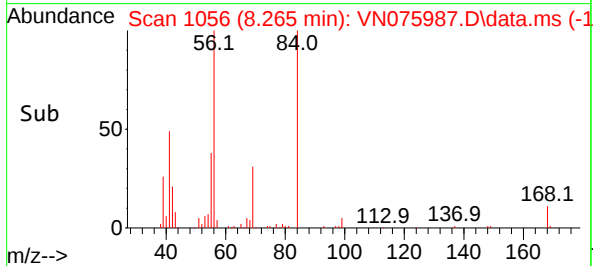
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



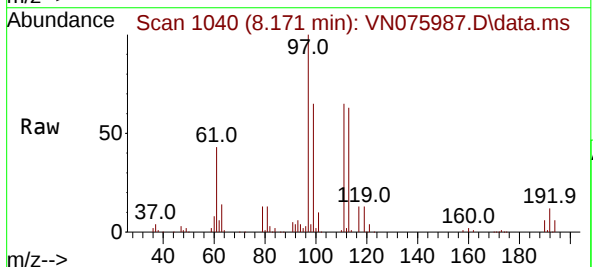
Tgt Ion: 56 Resp: 195440
Ion Ratio Lower Upper
56 100
69 31.5 24.7 37.1
84 103.3 76.5 114.7

Manual Integrations
APPROVED

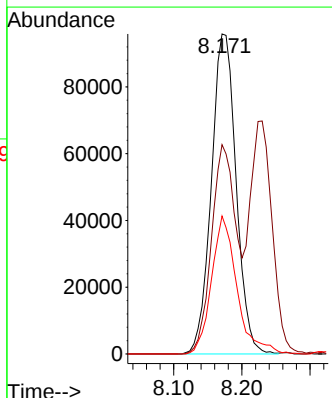
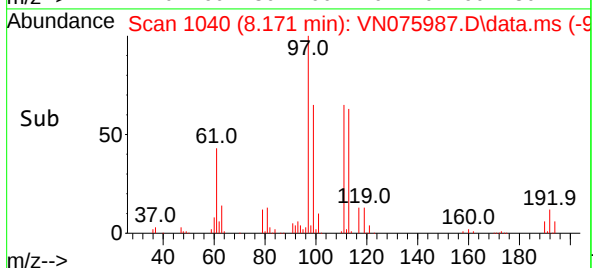
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

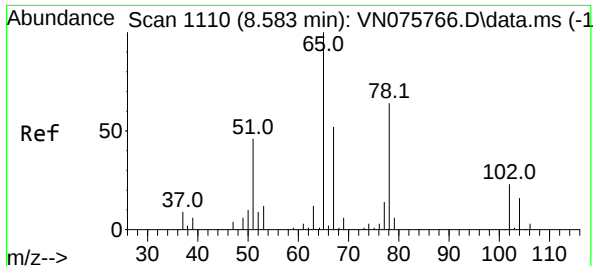


#32
1,1,1-Trichloroethane
Concen: 49.646 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



Tgt Ion: 97 Resp: 242478
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.2
61 44.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.323 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 156419

Ion Ratio Lower Upper

65 100

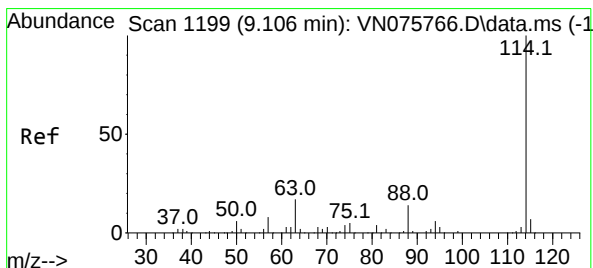
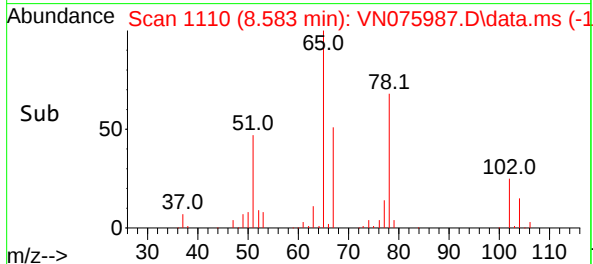
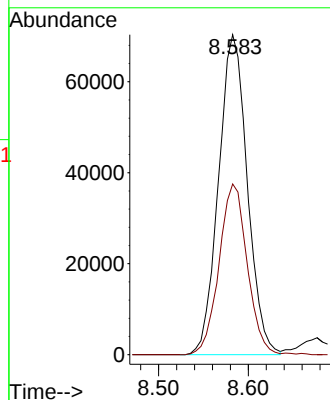
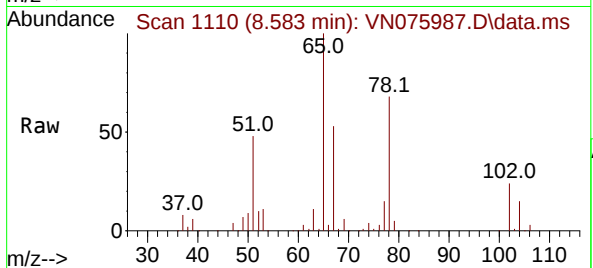
67 52.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

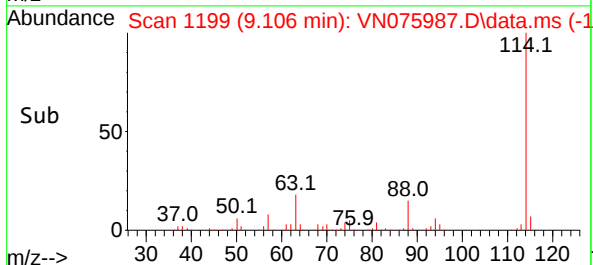
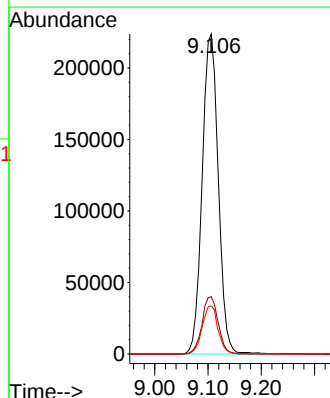
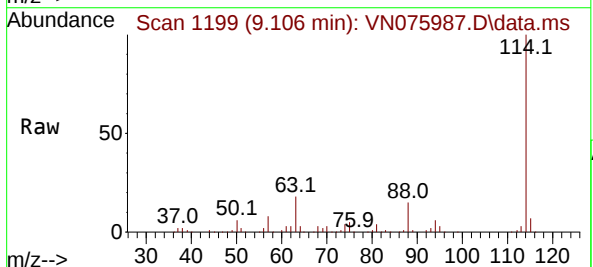
Tgt Ion:114 Resp: 469596

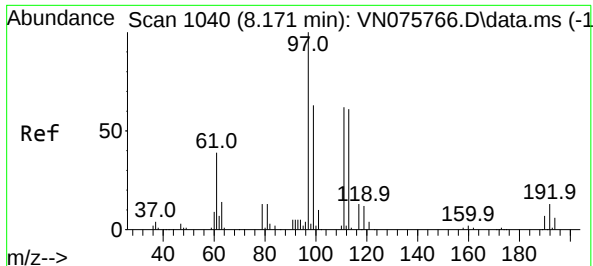
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.622 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 147210

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

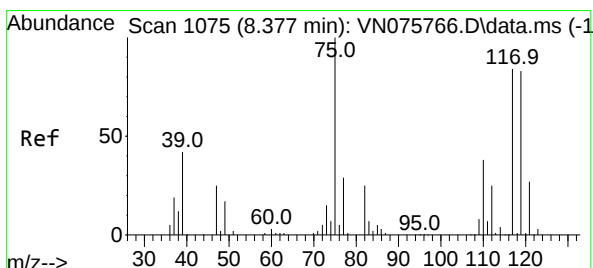
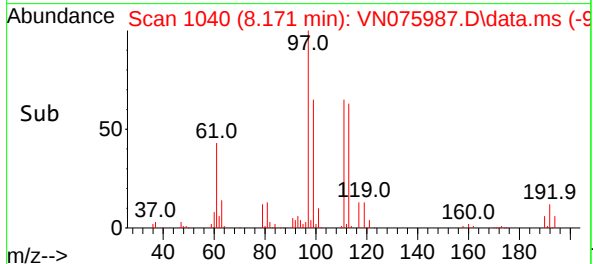
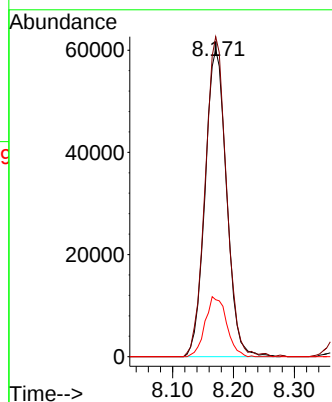
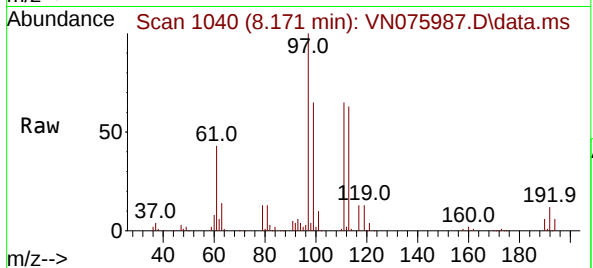
192 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#36

1,1-Dichloropropene

Concen: 48.471 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

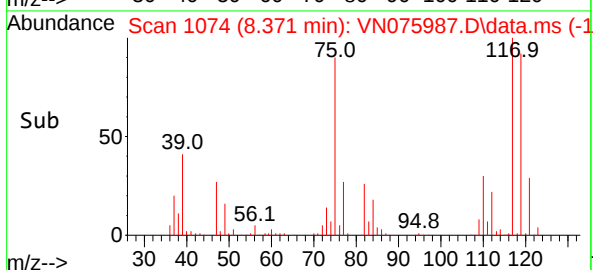
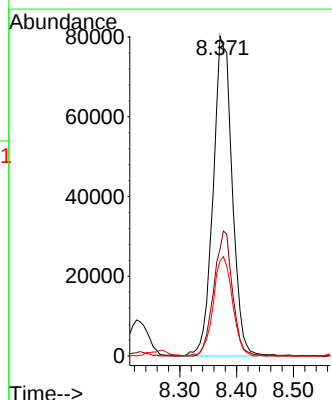
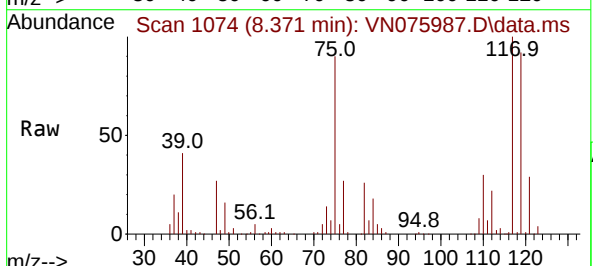
Tgt Ion: 75 Resp: 187251

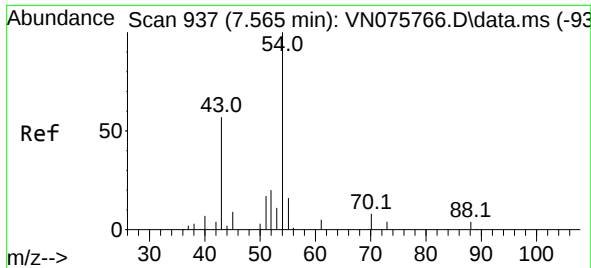
Ion Ratio Lower Upper

75 100

110 38.0 18.8 56.4

77 31.3 24.1 36.1





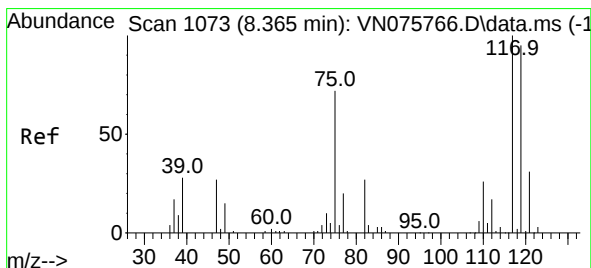
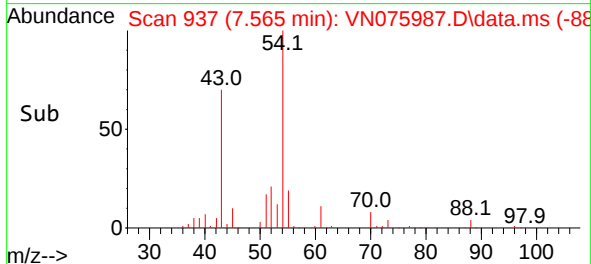
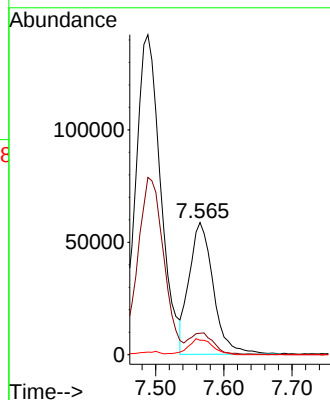
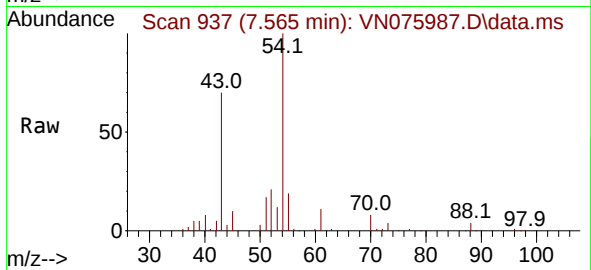
#37
Ethyl Acetate
Concen: 46.268 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 14357
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 11.9 9.4 14.0

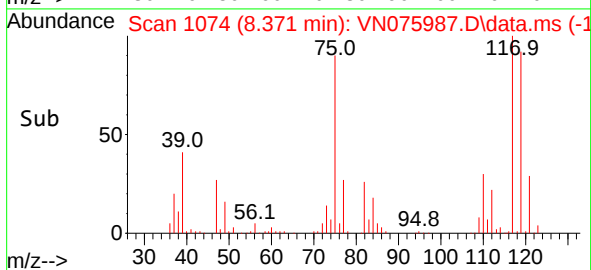
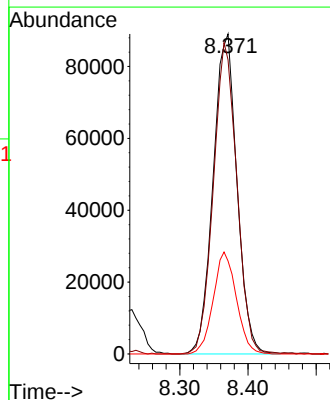
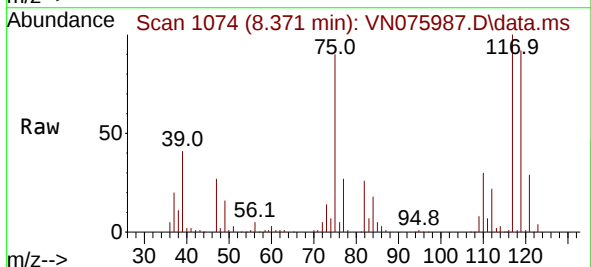
Manual Integrations
APPROVED

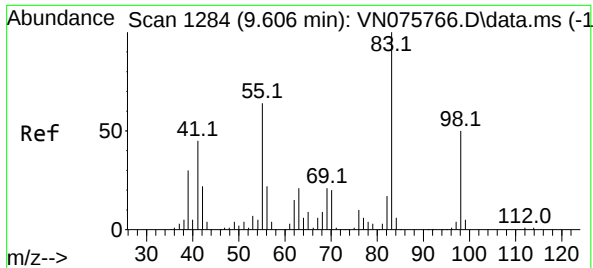
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#38
Carbon Tetrachloride
Concen: 50.092 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion:117 Resp: 216585
Ion Ratio Lower Upper
117 100
119 91.9 76.1 114.1
121 29.0 24.5 36.7





#39

Methylcyclohexane

Concen: 51.852 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 241662

Ion Ratio Lower Upper

83 100

55 63.1 51.4 77.0

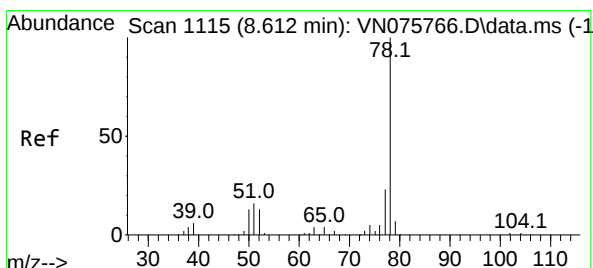
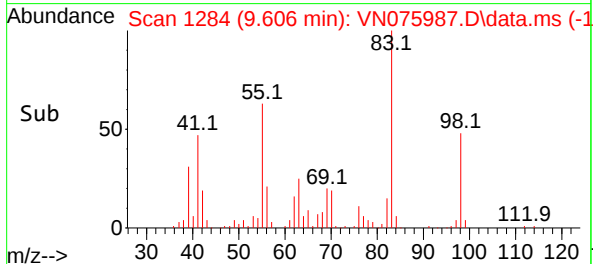
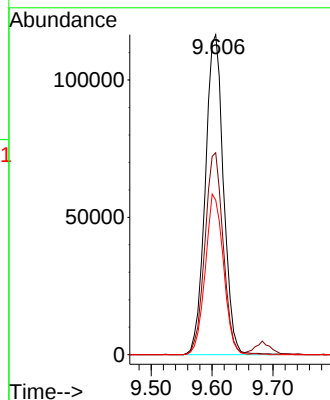
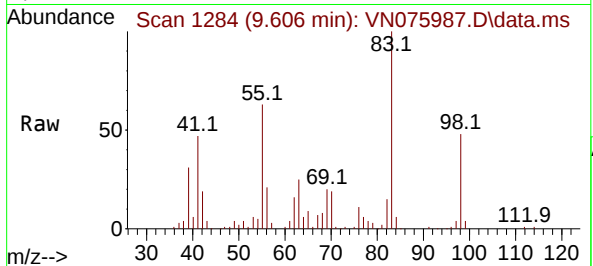
98 48.3 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#40

Benzene

Concen: 48.173 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075987.D

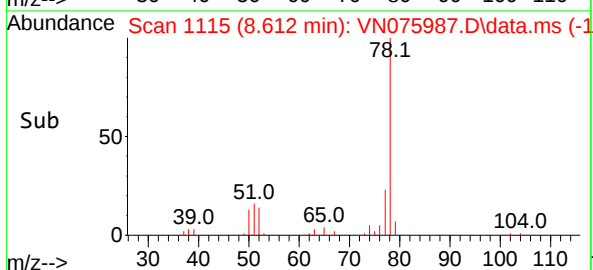
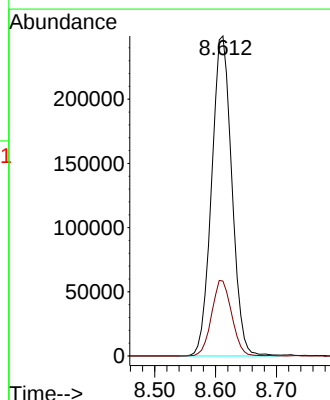
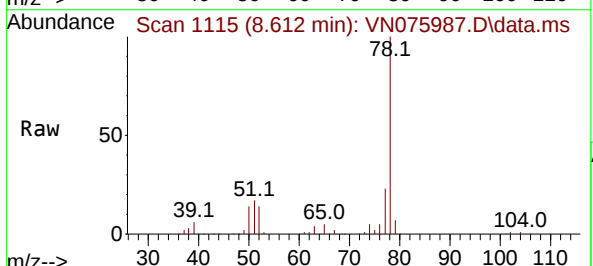
Acq: 27 Dec 2022 16:44

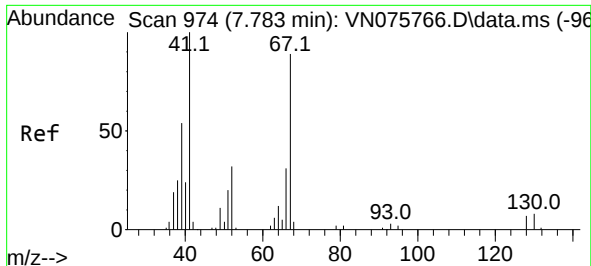
Tgt Ion: 78 Resp: 574188

Ion Ratio Lower Upper

78 100

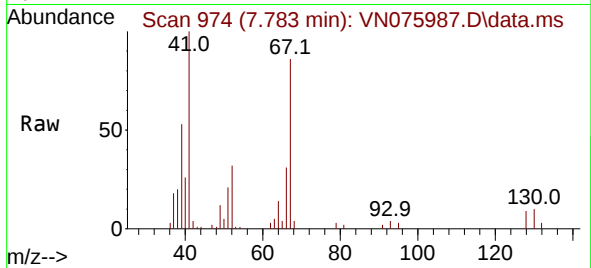
77 23.4 18.5 27.7





#41
Methacrylonitrile
Concen: 46.871 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

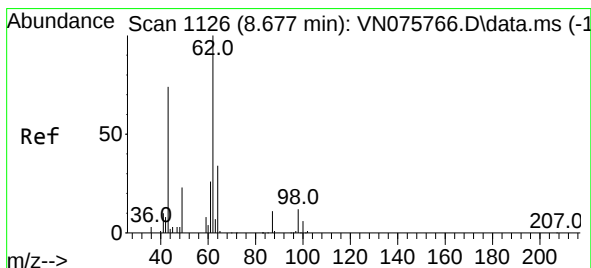
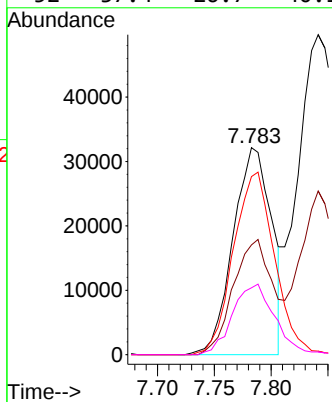
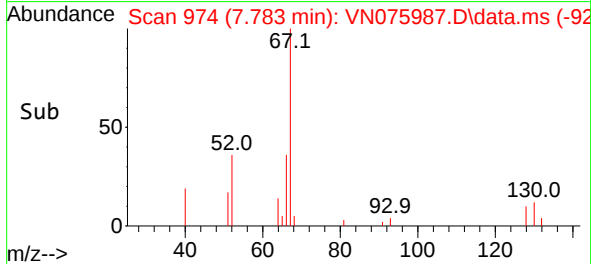
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



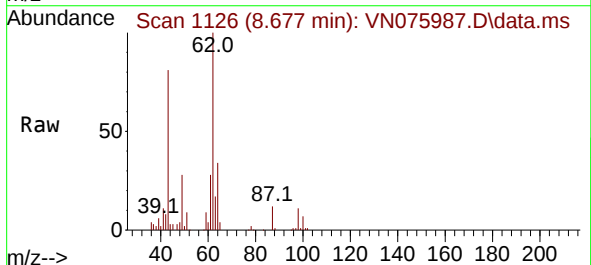
Tgt Ion: 41 Resp: 75600
Ion Ratio Lower Upper
41 100
39 58.9 43.1 64.7
67 94.7 70.7 106.1
52 37.4 26.7 40.1

Manual Integrations
APPROVED

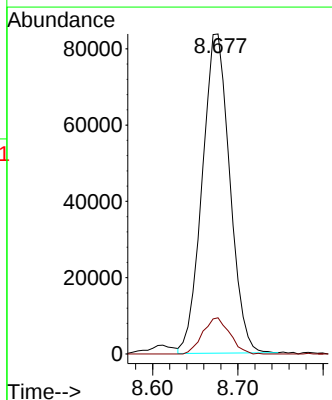
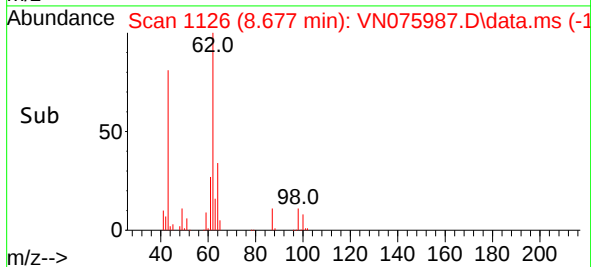
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

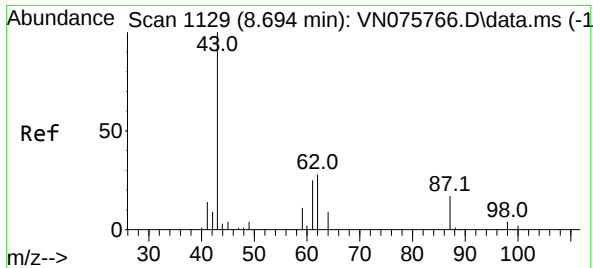


#42
1,2-Dichloroethane
Concen: 47.476 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



Tgt Ion: 62 Resp: 188131
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.8





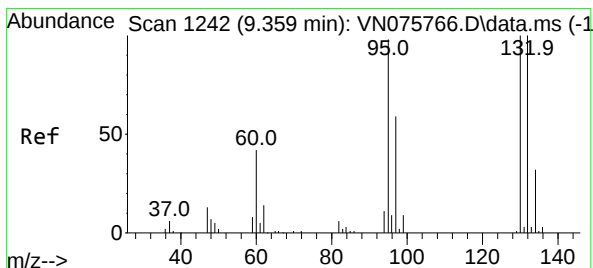
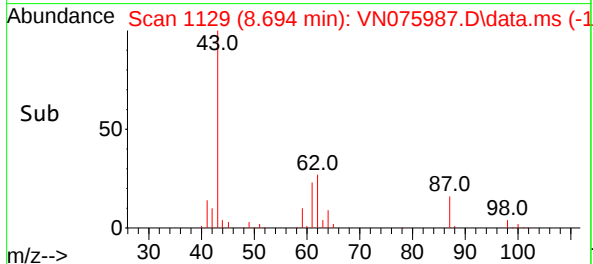
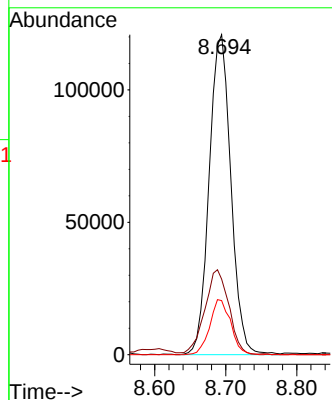
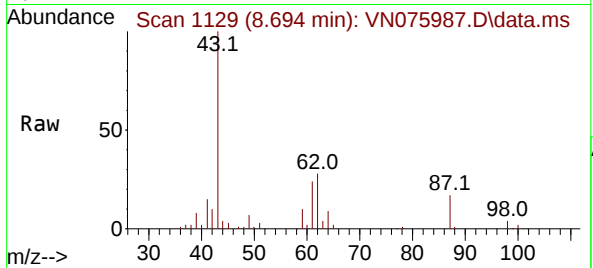
#43
Isopropyl Acetate
Concen: 50.186 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 256889
Ion Ratio Lower Upper
43 100
61 29.1 24.2 36.4
87 16.5 13.3 19.9

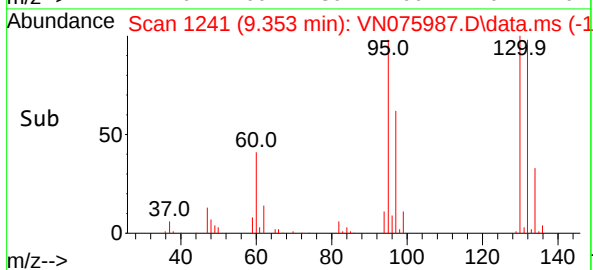
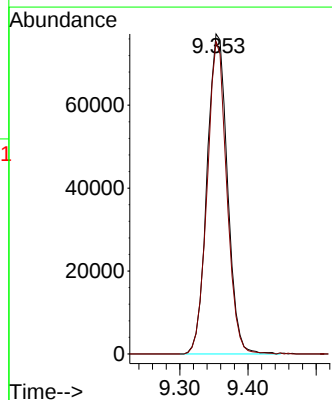
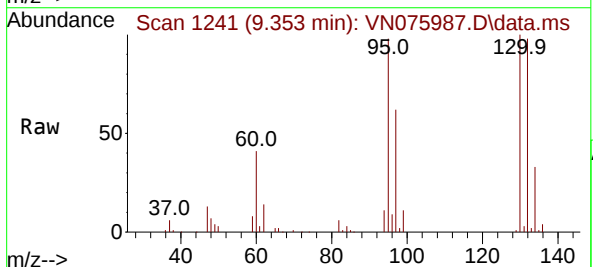
Manual Integrations
APPROVED

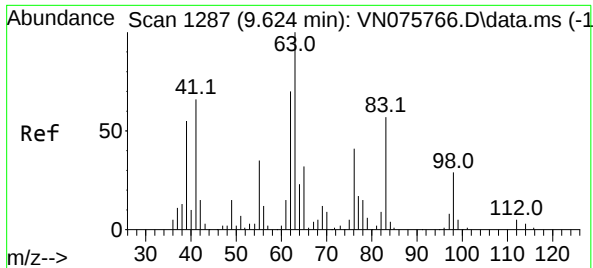
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#44
Trichloroethene
Concen: 47.859 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion:130 Resp: 160704
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 49.220 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14276

Ion Ratio Lower Upper

63 100

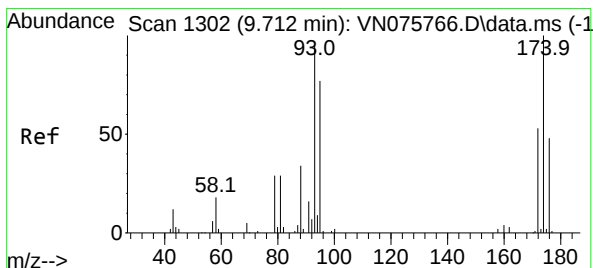
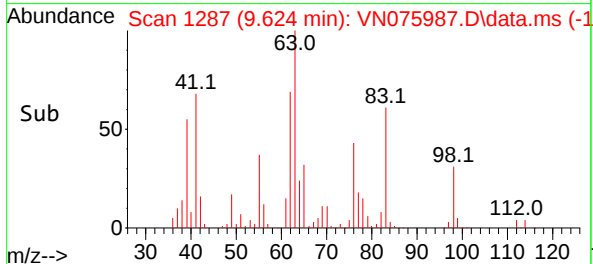
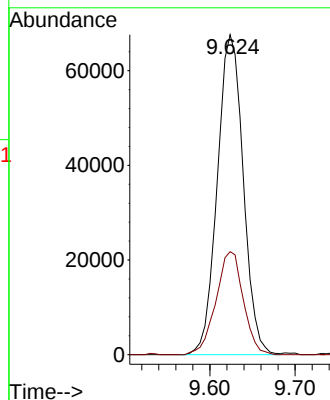
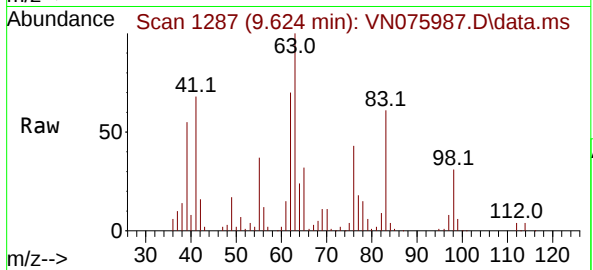
65 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#46

Dibromomethane

Concen: 48.477 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

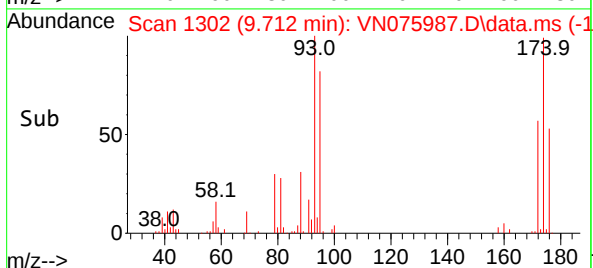
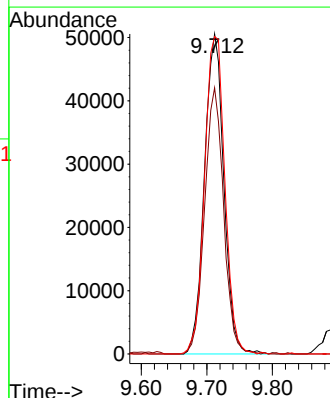
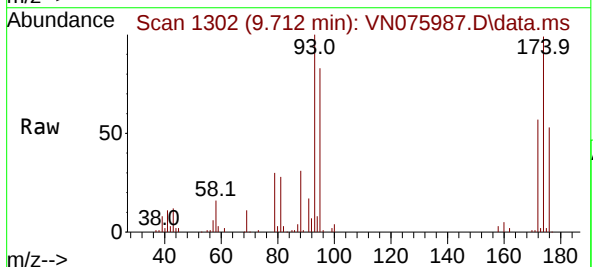
Tgt Ion: 93 Resp: 104288

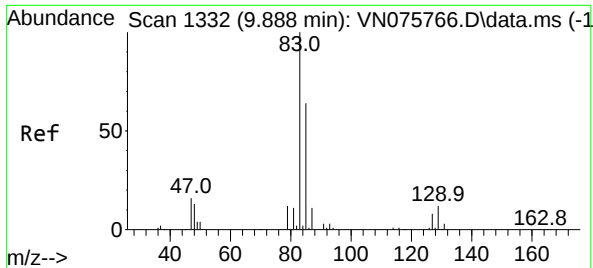
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 103.7 82.4 123.6





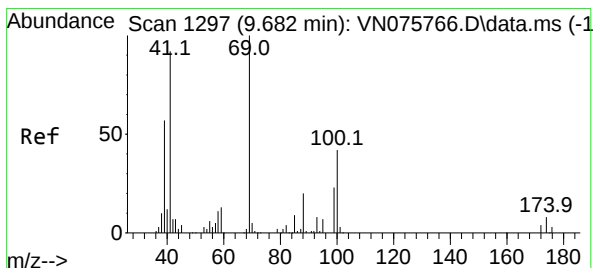
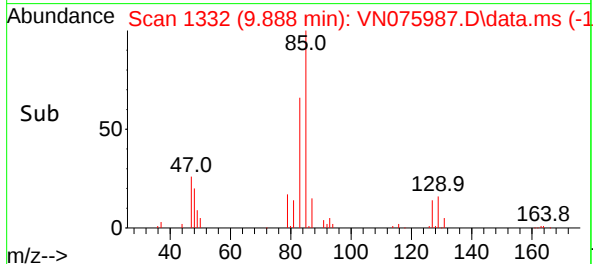
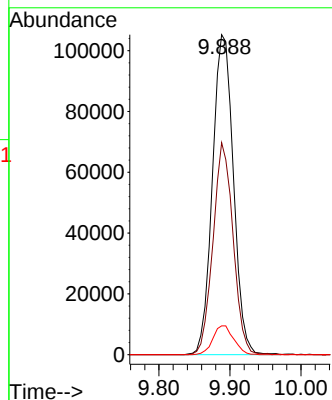
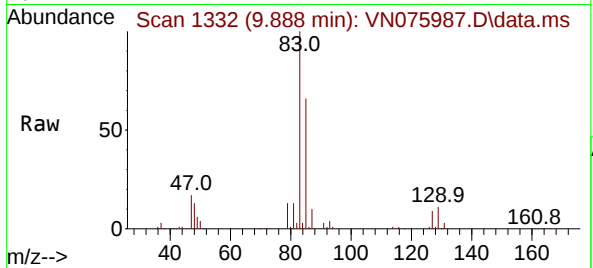
#47
Bromodichloromethane
Concen: 51.097 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 21556
Ion Ratio Lower Upper
83 100
85 66.3 51.5 77.3
127 9.0 6.6 10.0

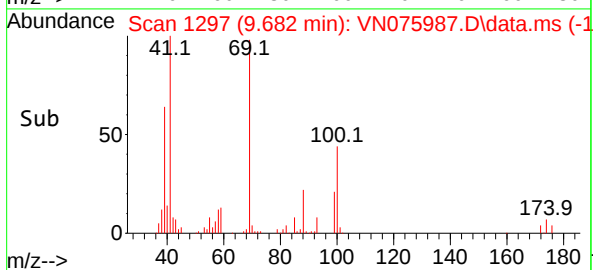
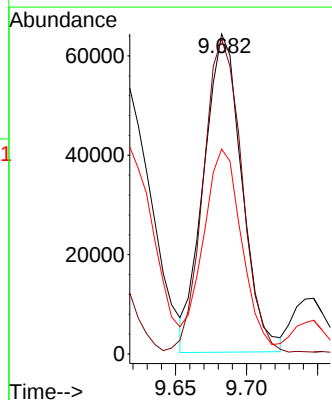
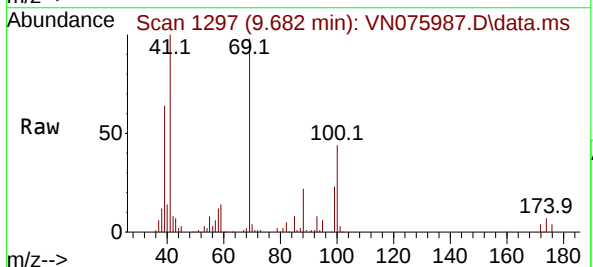
Manual Integrations
APPROVED

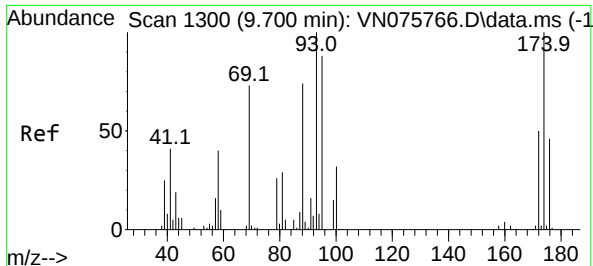
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#48
Methyl methacrylate
Concen: 51.958 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 41 Resp: 119787
Ion Ratio Lower Upper
41 100
69 101.7 81.9 122.9
39 65.6 51.6 77.4





#49

1,4-Dioxane

Concen: 988.922 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 56050

Ion Ratio Lower Upper

88 100

43 21.1 17.1 25.7

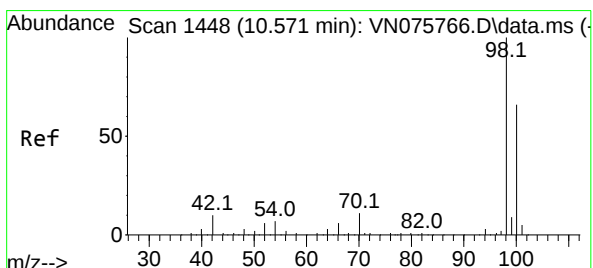
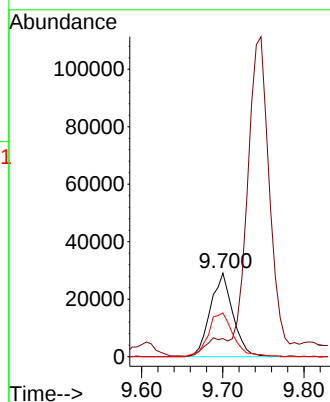
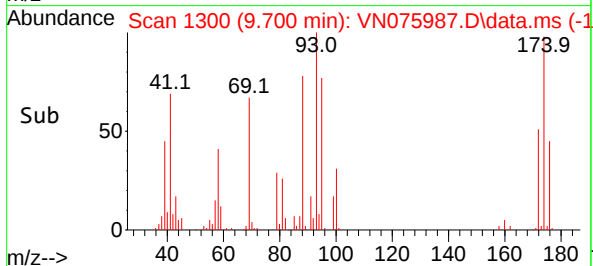
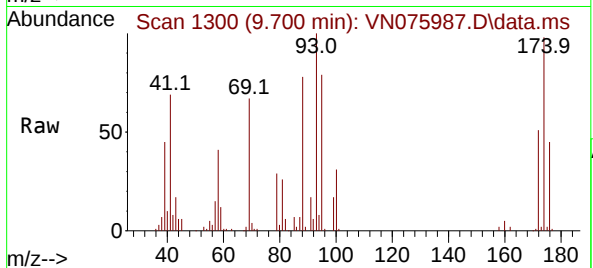
58 58.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#50

Toluene-d8

Concen: 50.984 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075987.D

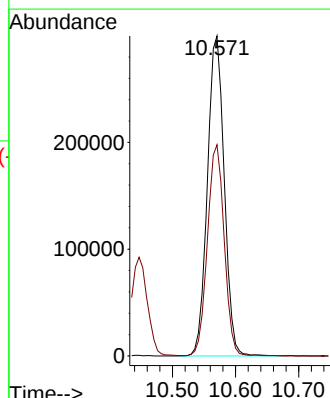
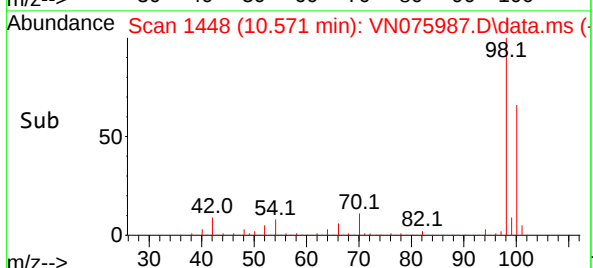
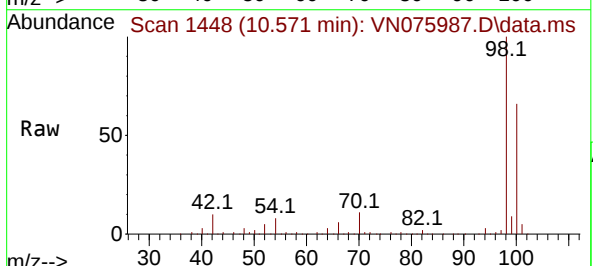
Acq: 27 Dec 2022 16:44

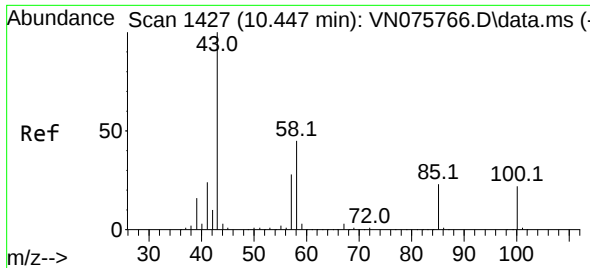
Tgt Ion: 98 Resp: 554365

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1





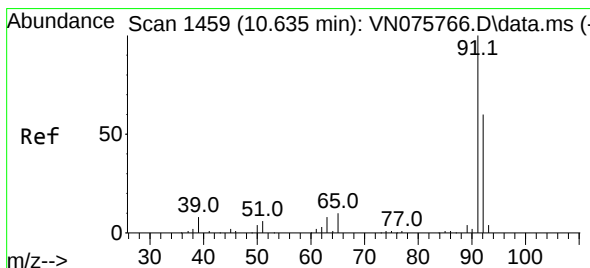
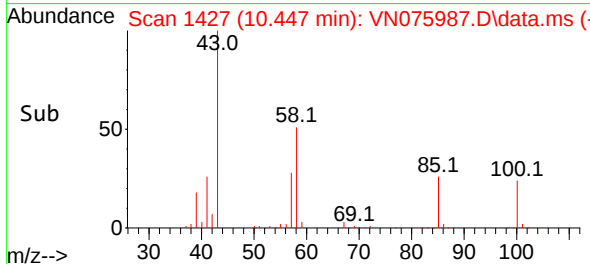
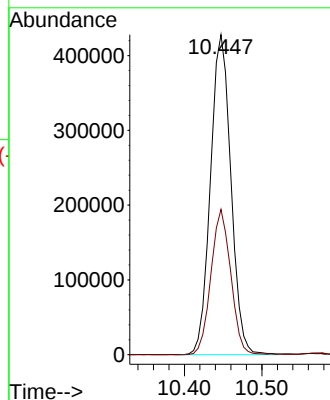
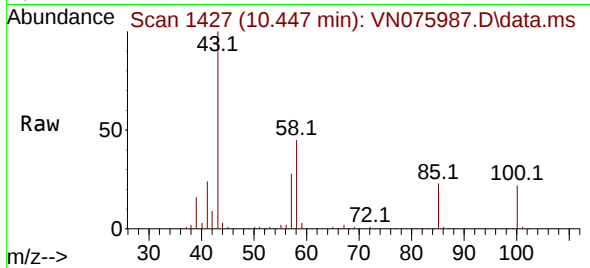
#51
4-Methyl-2-Pentanone
Concen: 253.661 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 785234
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

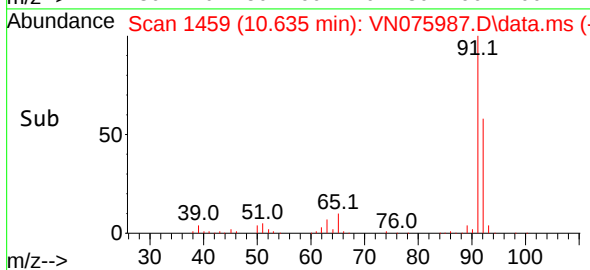
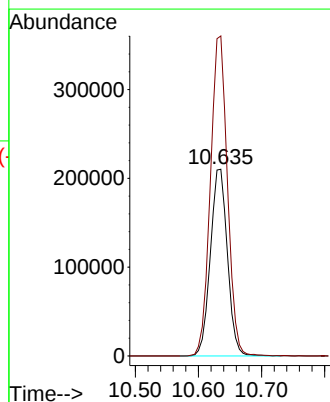
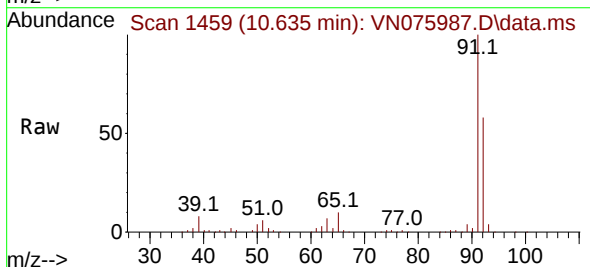
Manual Integrations
APPROVED

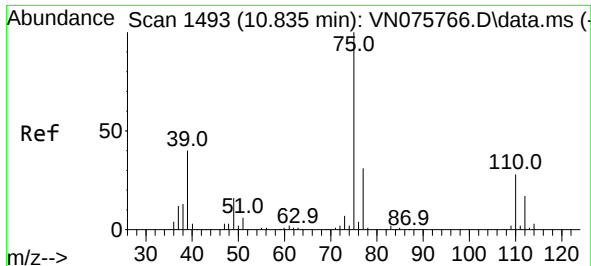
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#52
Toluene
Concen: 50.733 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 92 Resp: 393829
Ion Ratio Lower Upper
92 100
91 171.3 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 53.819 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

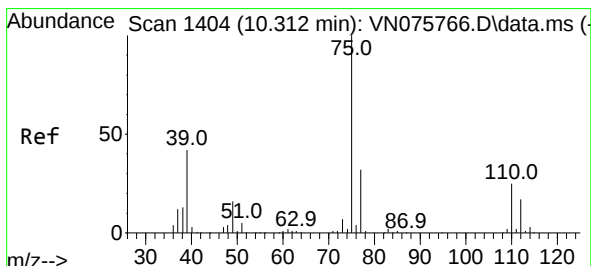
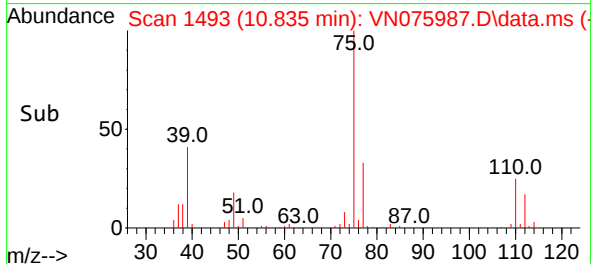
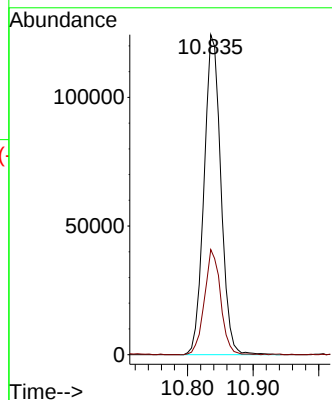
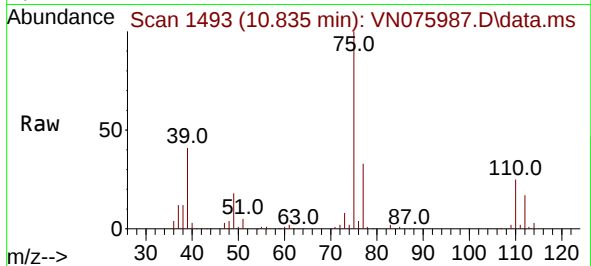
VSTDCCC050EC

Tgt Ion: 75 Resp: 222250
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.9 37.3

Manual Integrations

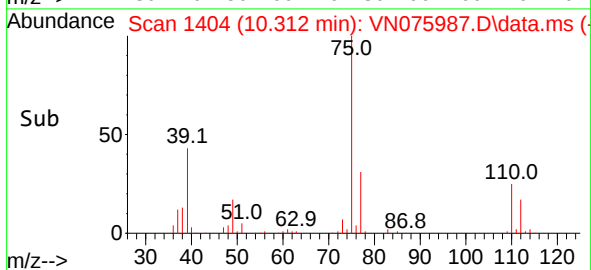
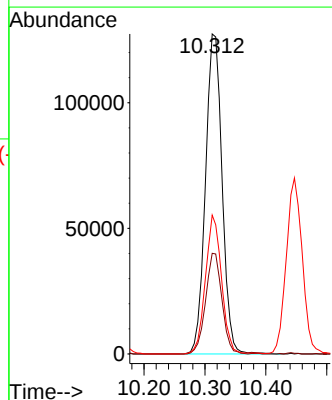
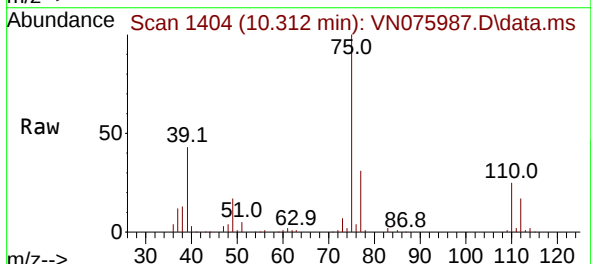
APPROVED

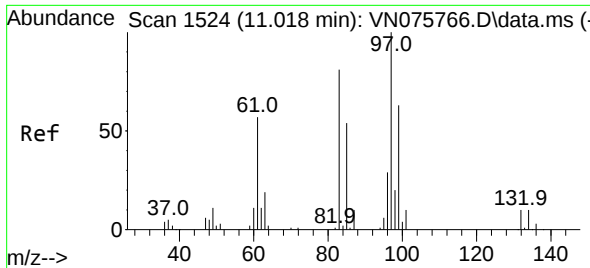
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022



#54
 cis-1,3-Dichloropropene
 Concen: 53.334 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

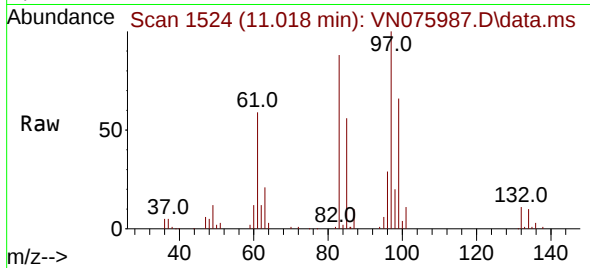
Tgt Ion: 75 Resp: 241827
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 43.4 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.893 ug/l
RT: 11.018 min Scan# 152018
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

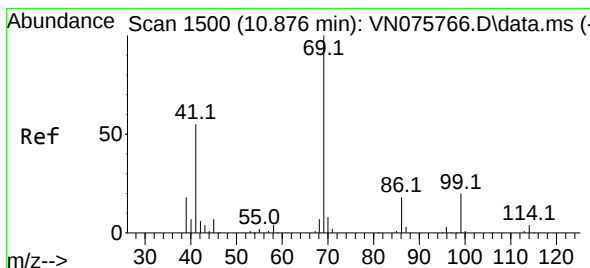
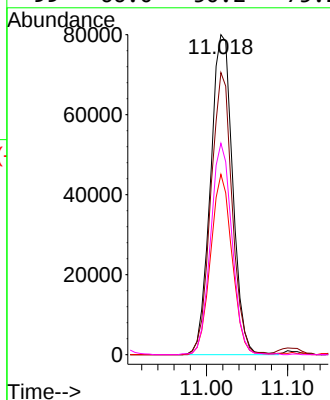
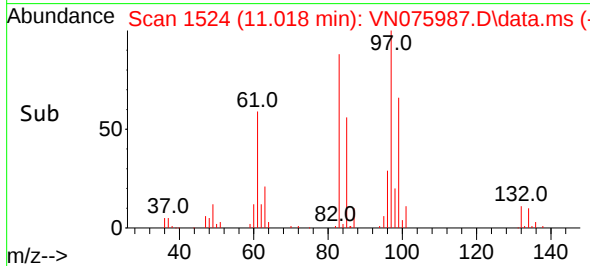
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



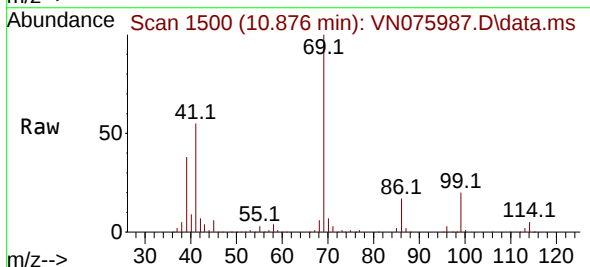
Tgt Ion:	97	Resp:	152018
Ion Ratio	100	Lower	Upper
97	100		
83	88.2	65.0	97.4
85	56.4	43.0	64.6
99	66.0	50.2	75.2

Manual Integrations
APPROVED

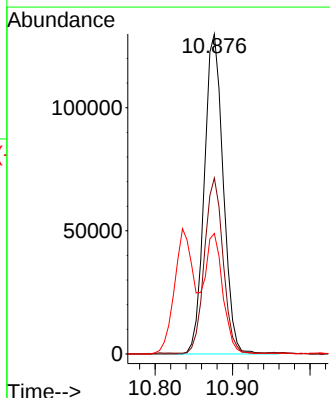
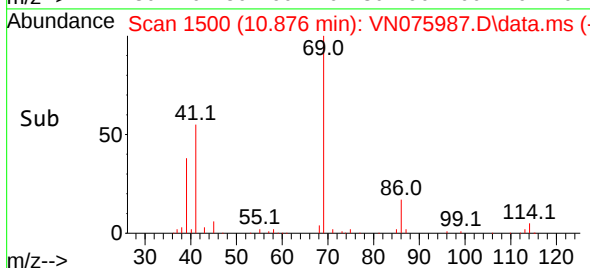
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

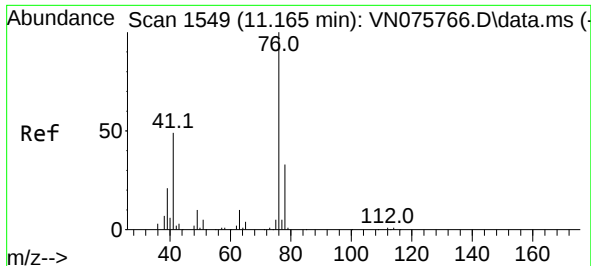


#56
Ethyl methacrylate
Concen: 54.409 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



Tgt Ion:	69	Resp:	220198
Ion Ratio	100	Lower	Upper
69	100		
41	53.5	44.2	66.4
39	33.5	26.4	39.6





#57

1,3-Dichloropropane

Concen: 50.269 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075987.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 251234

Ion Ratio Lower Upper

76 100

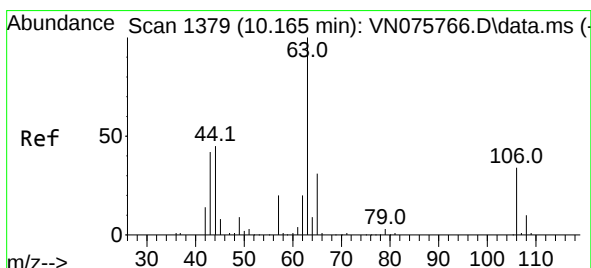
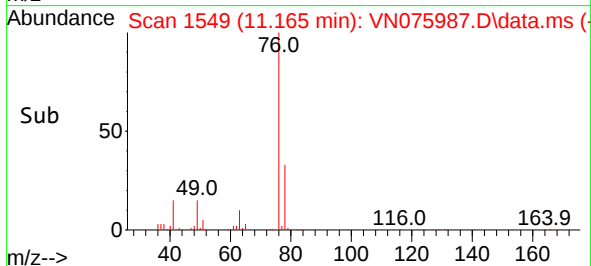
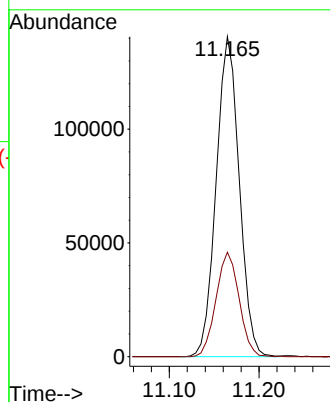
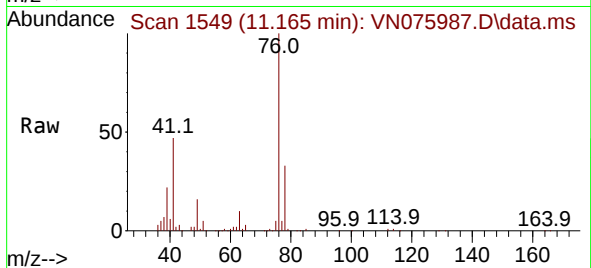
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2022

Supervised By :Mahesh Dadoda 12/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 264.713 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075987.D

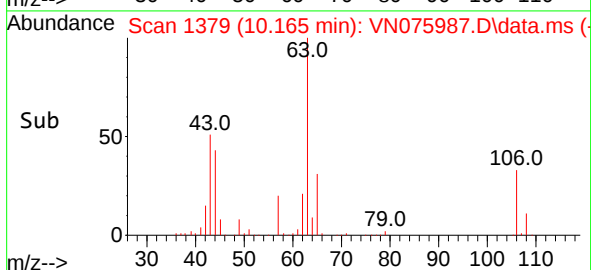
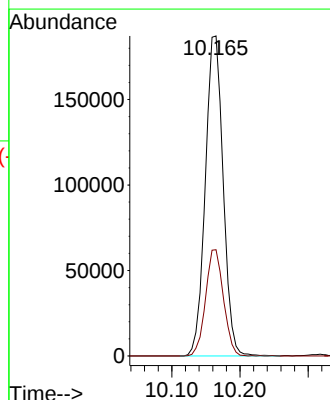
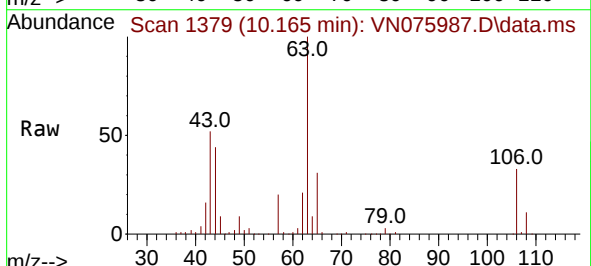
Acq: 27 Dec 2022 16:44

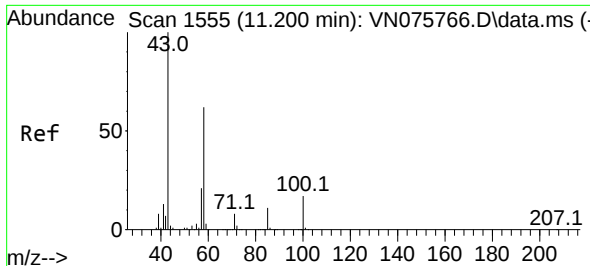
Tgt Ion: 63 Resp: 341089

Ion Ratio Lower Upper

63 100

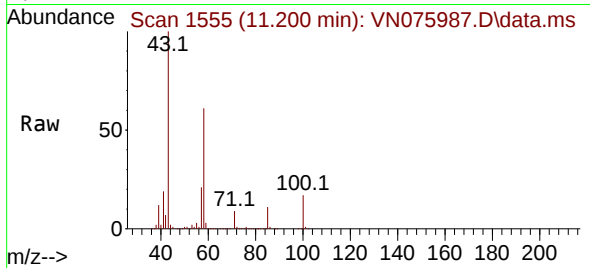
106 33.3 26.4 39.6





#59
2-Hexanone
Concen: 253.318 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

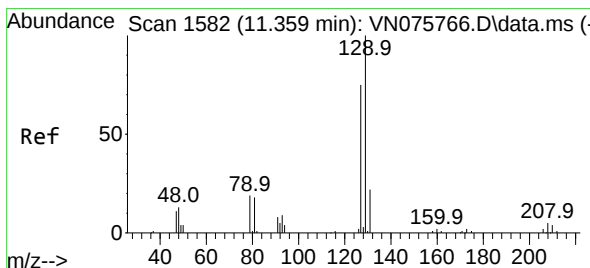
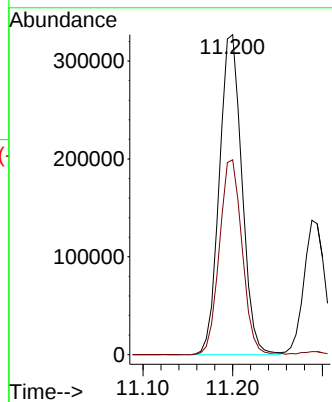
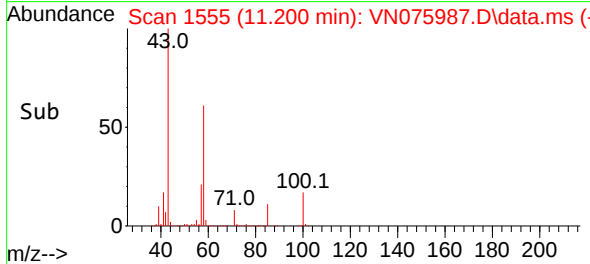
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57187
Ion Ratio Lower Upper
43 100
58 61.2 30.6 92.0

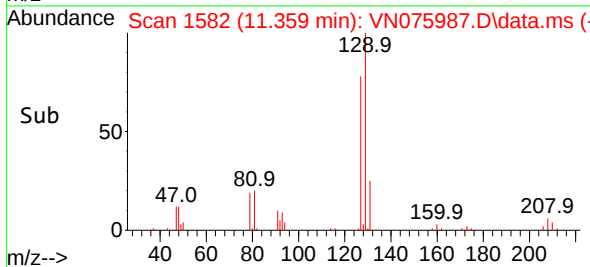
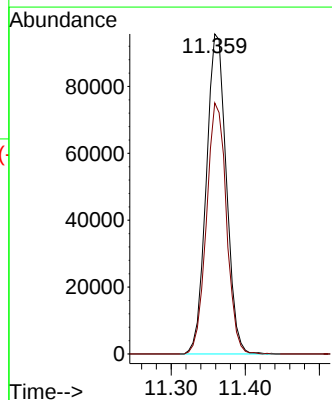
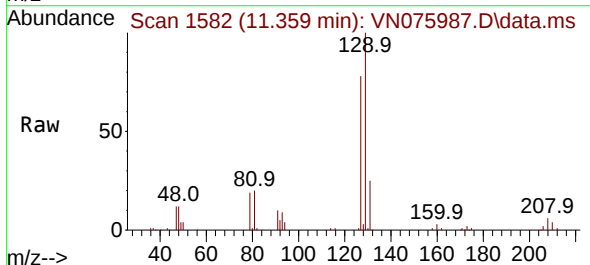
Manual Integrations
APPROVED

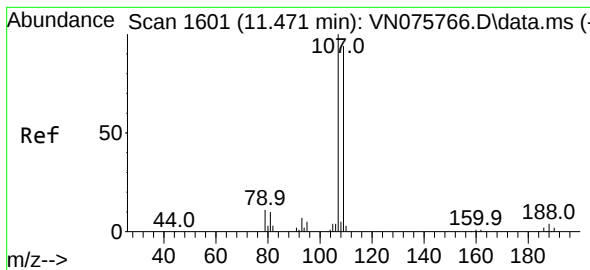
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#60
Dibromochloromethane
Concen: 52.945 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

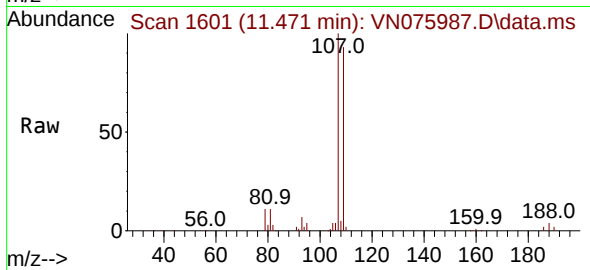
Tgt Ion:129 Resp: 179402
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





#61
1,2-Dibromoethane
Concen: 50.906 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

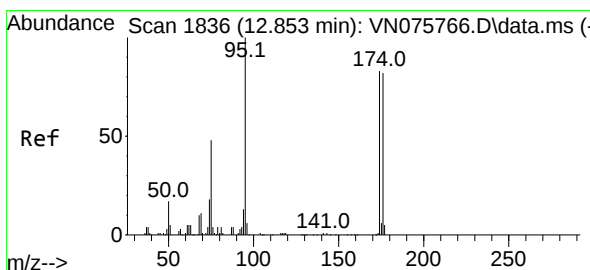
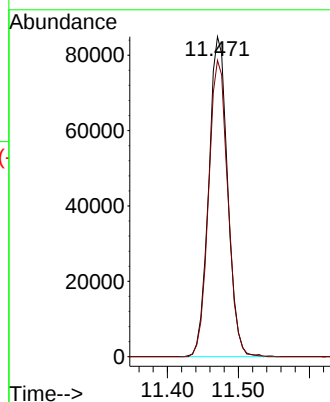
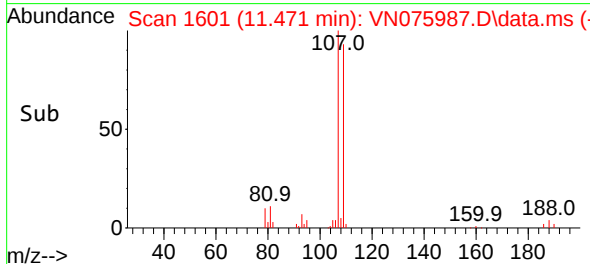
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



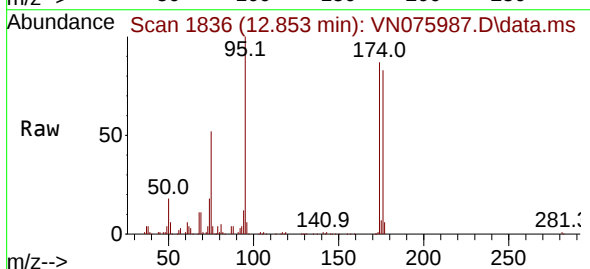
Tgt Ion:107 Resp: 156963
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

Manual Integrations
APPROVED

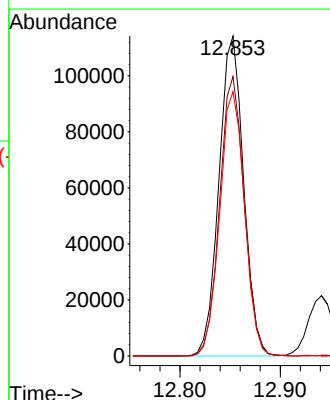
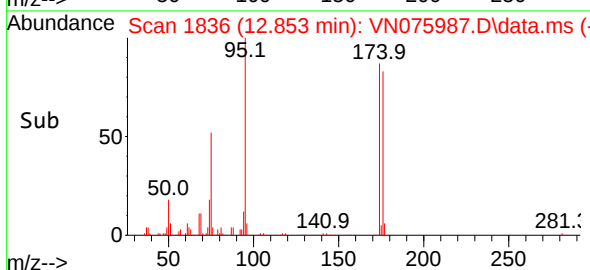
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

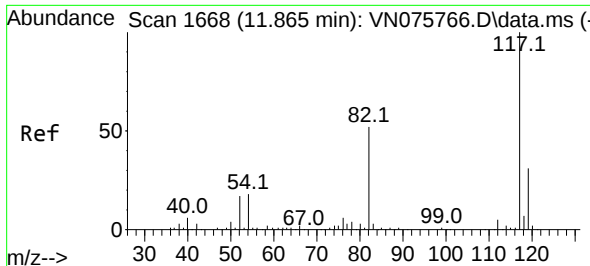


#62
4-Bromofluorobenzene
Concen: 54.209 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



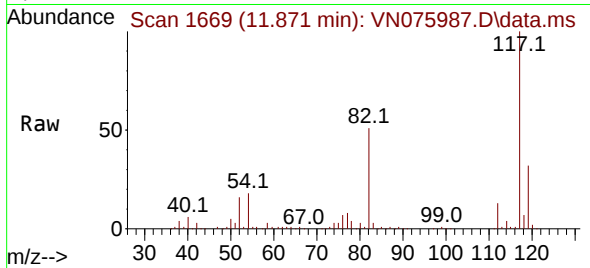
Tgt Ion: 95 Resp: 195225
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 83.2 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

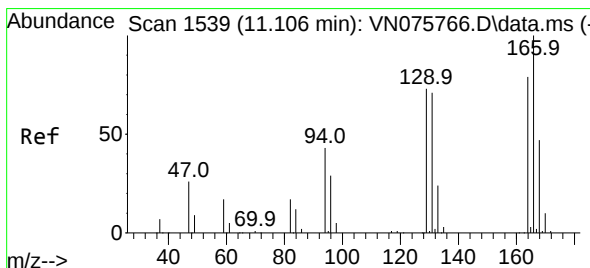
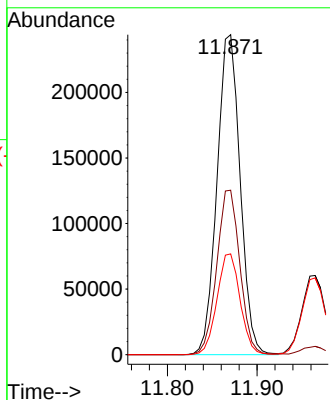
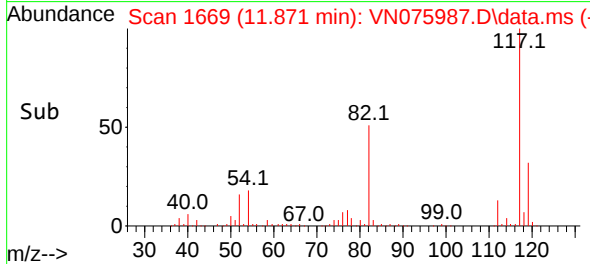
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 437328
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 31.5 24.6 37.0

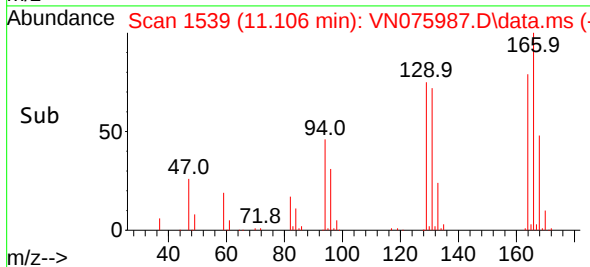
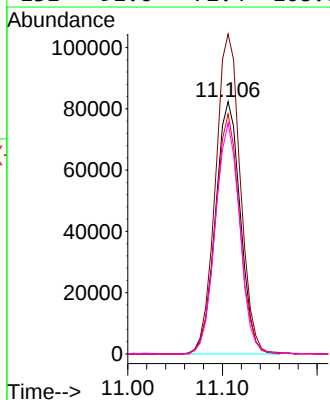
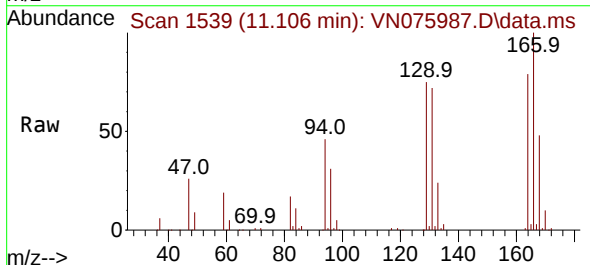
Manual Integrations
APPROVED

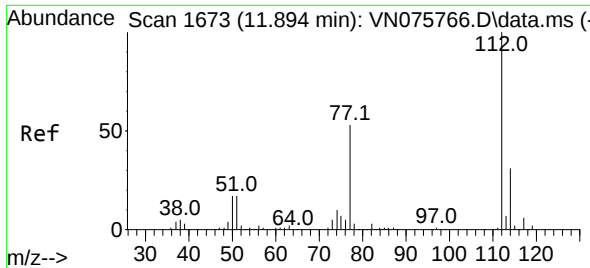
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#64
Tetrachloroethene
Concen: 48.897 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

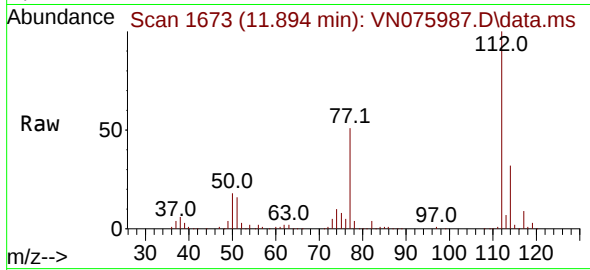
Tgt Ion:164 Resp: 150473
Ion Ratio Lower Upper
164 100
166 126.8 101.9 152.9
129 95.2 74.2 111.2
131 91.6 72.4 108.6





#65
Chlorobenzene
Concen: 48.283 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

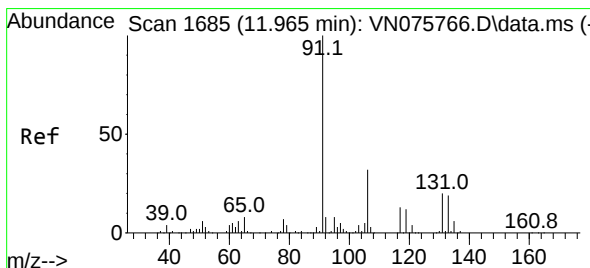
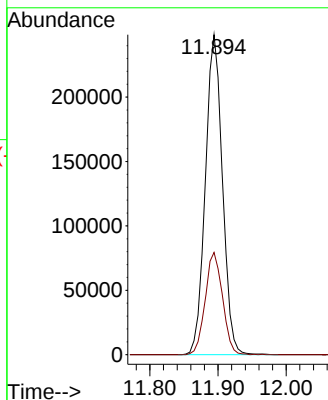
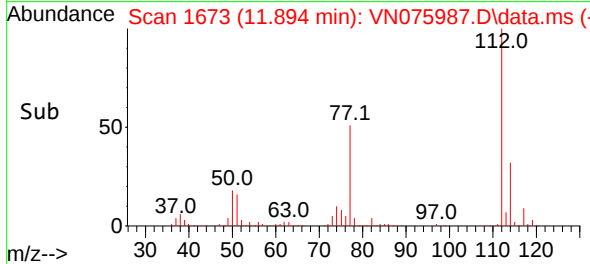
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



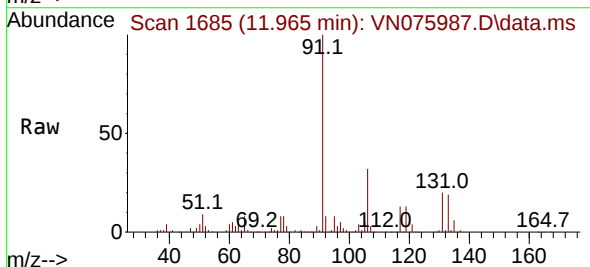
Tgt Ion:112 Resp: 433389
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

Manual Integrations
APPROVED

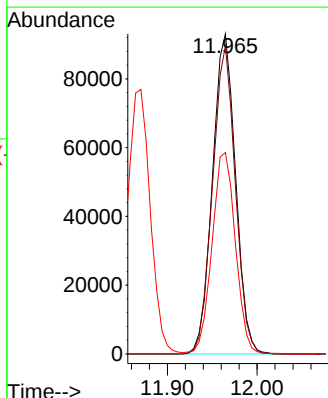
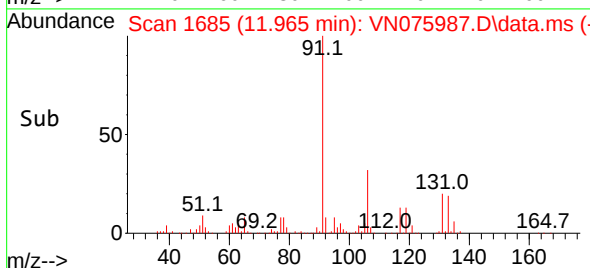
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

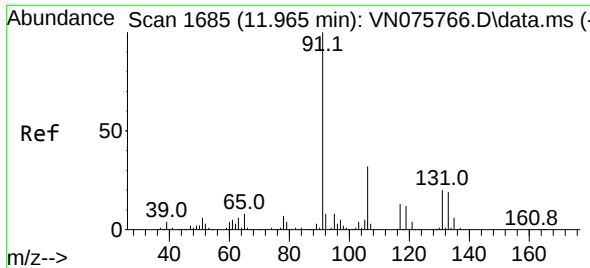


#66
1,1,1,2-Tetrachloroethane
Concen: 49.940 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



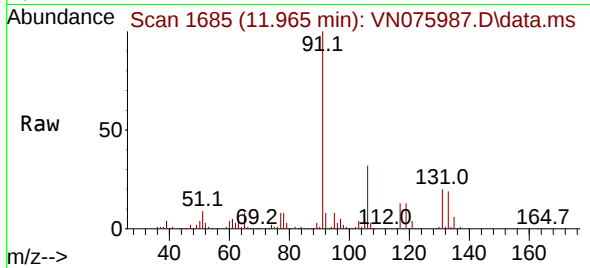
Tgt Ion:131 Resp: 166035
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 63.8 31.9 95.7





#67
Ethyl Benzene
Concen: 51.157 ug/l
RT: 11.965 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

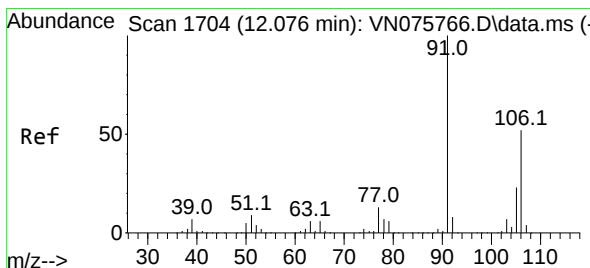
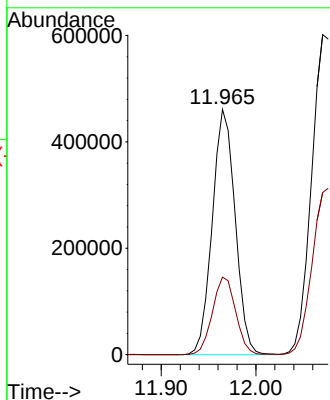
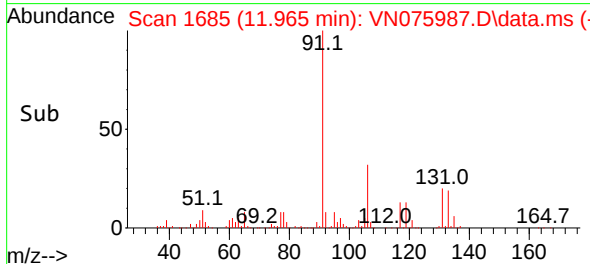
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 774990
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

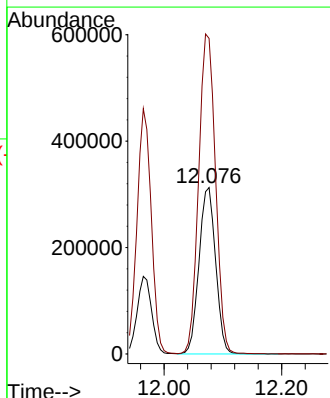
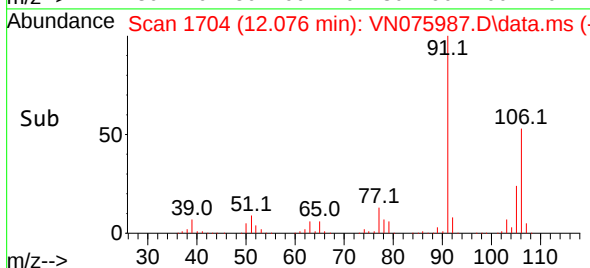
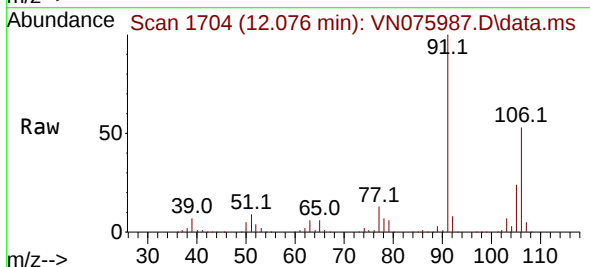
Manual Integrations
APPROVED

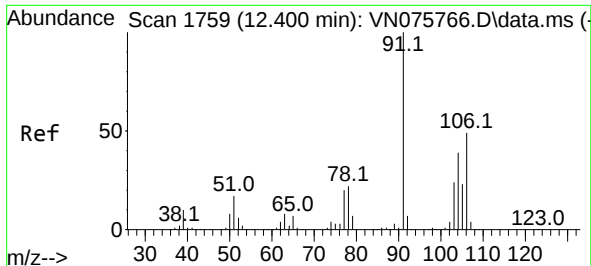
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#68
m/p-Xylenes
Concen: 102.302 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion:106 Resp: 613412
Ion Ratio Lower Upper
106 100
91 195.0 156.6 235.0





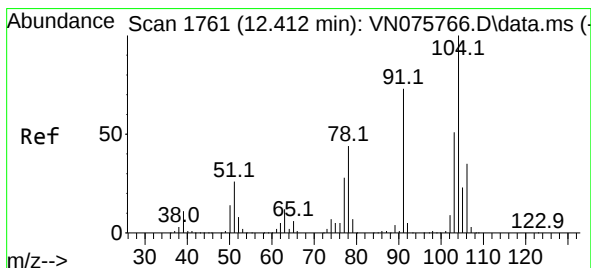
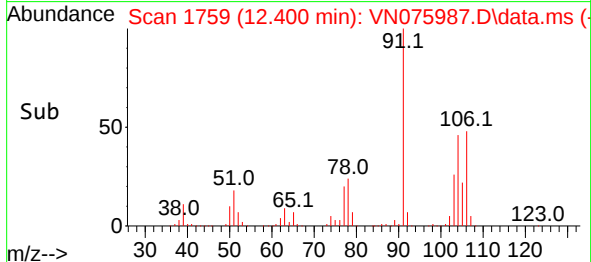
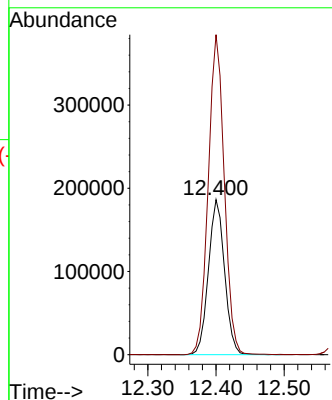
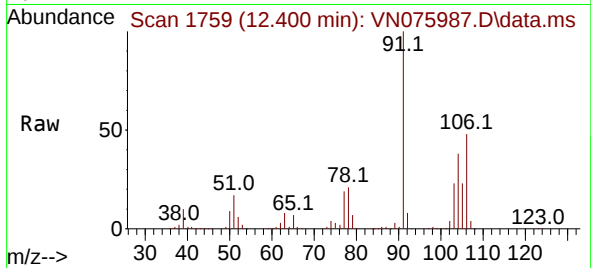
#69
o-Xylene
Concen: 51.646 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 30645
Ion Ratio Lower Upper
106 100
91 205.5 103.8 311.6

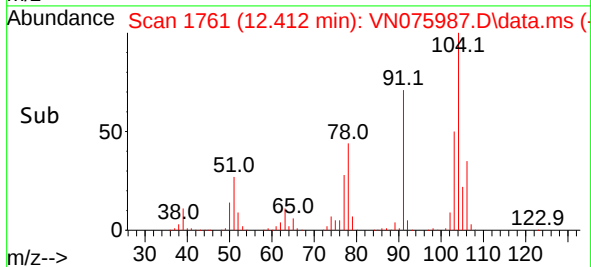
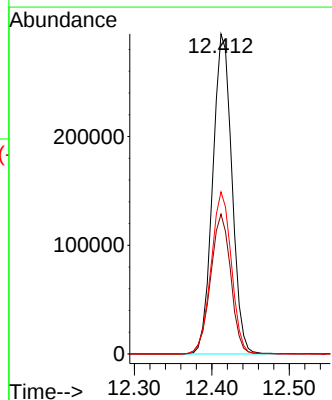
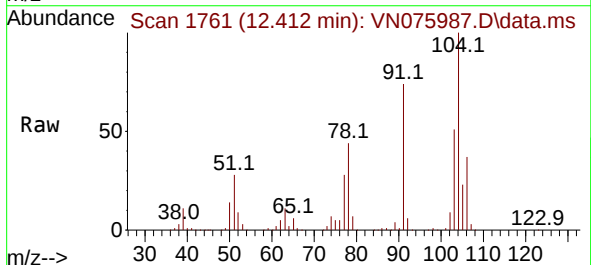
Manual Integrations
APPROVED

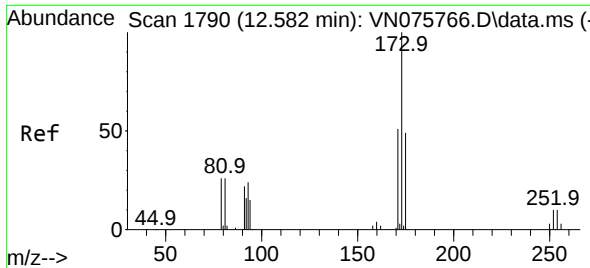
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#70
Styrene
Concen: 53.746 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

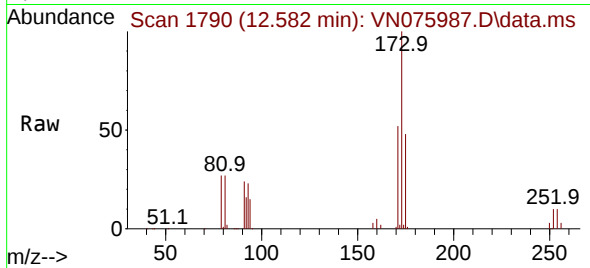
Tgt Ion:104 Resp: 507076
Ion Ratio Lower Upper
104 100
78 45.7 37.5 56.3
103 53.5 43.5 65.3





#71
Bromoform
Concen: 52.969 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

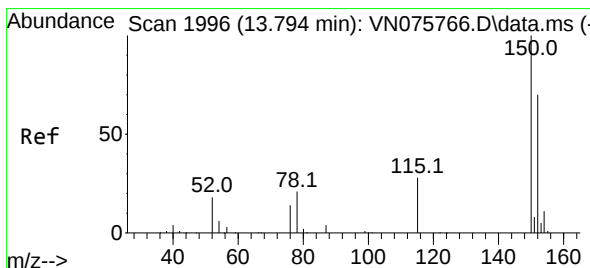
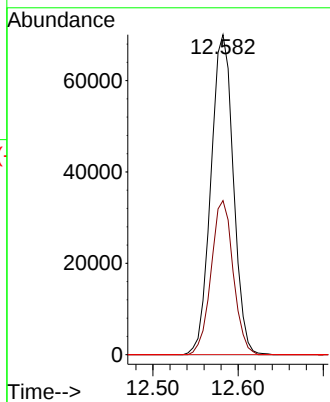
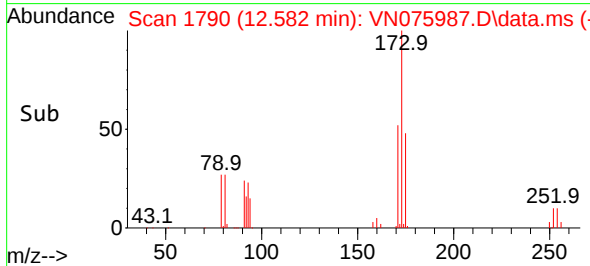
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



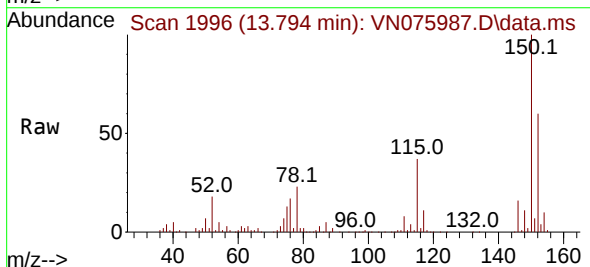
Tgt Ion:173 Resp: 128144
Ion Ratio Lower Upper
173 100
175 47.4 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

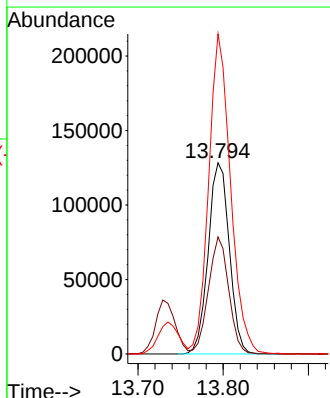
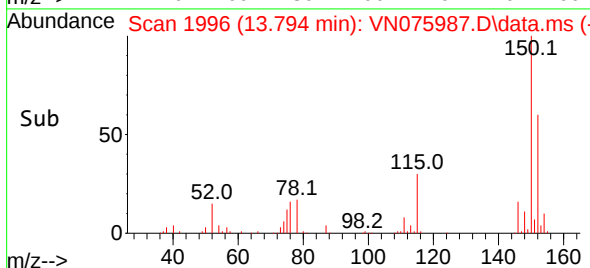
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

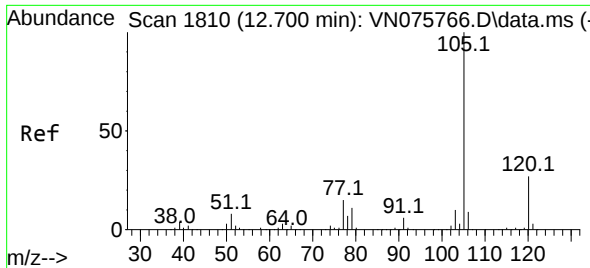


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



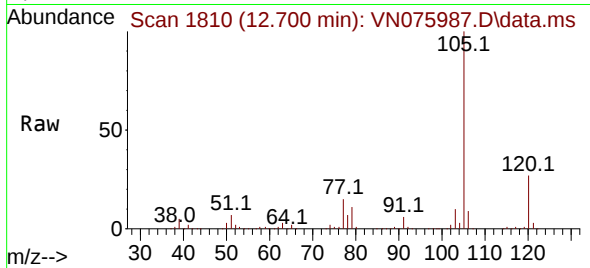
Tgt Ion:152 Resp: 220661
Ion Ratio Lower Upper
152 100
115 59.1 29.1 87.4
150 173.8 0.0 347.0





#73
Isopropylbenzene
Concen: 50.452 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

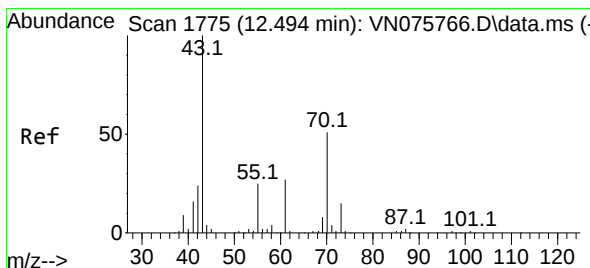
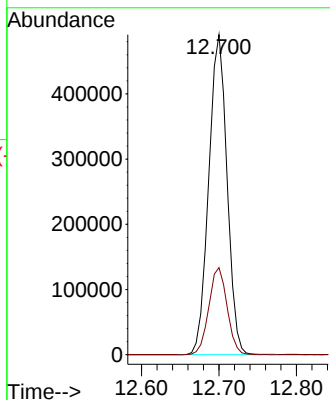
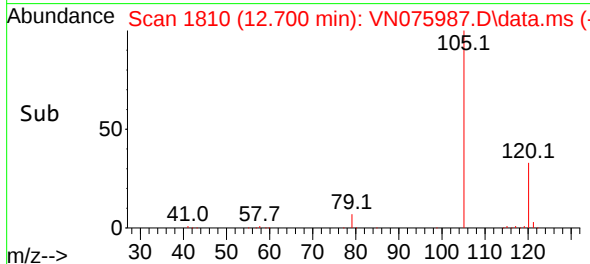
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



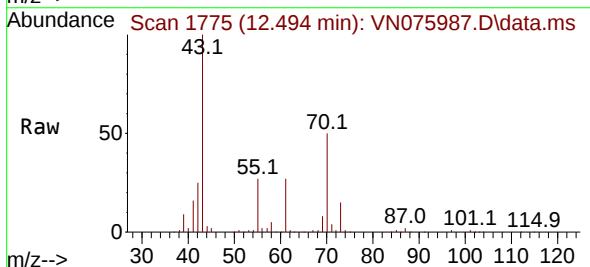
Tgt Ion:105 Resp: 804509
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

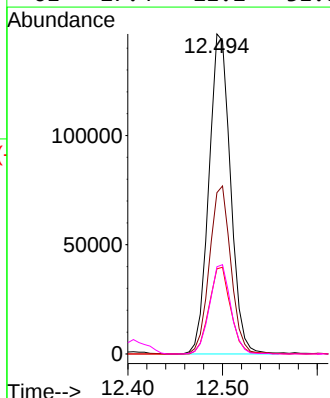
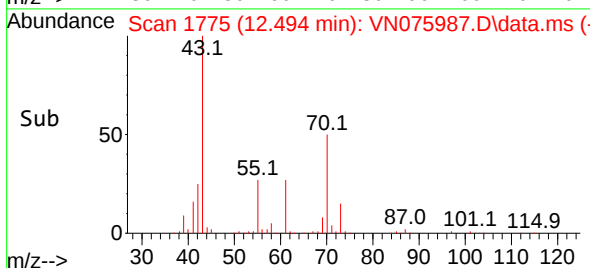
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

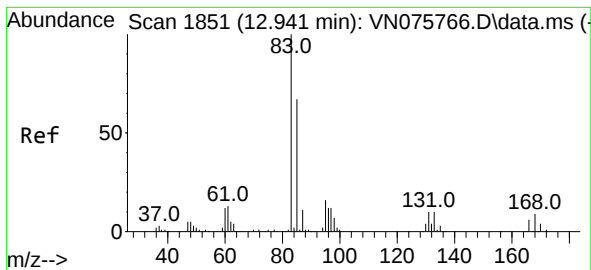


#74
N-ethyl acetate
Concen: 49.691 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



Tgt Ion: 43 Resp: 232456
Ion Ratio Lower Upper
43 100
70 52.1 41.4 62.0
55 27.1 21.3 31.9
61 27.4 21.2 31.8





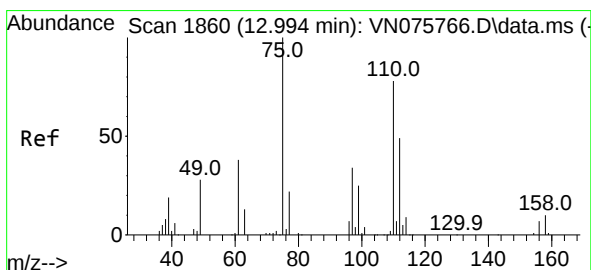
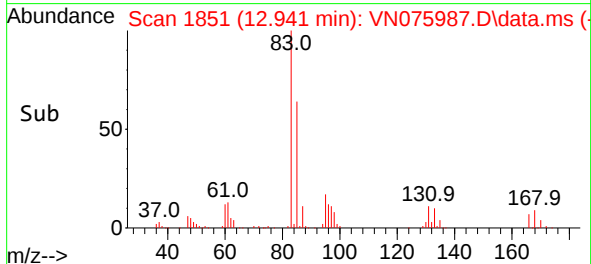
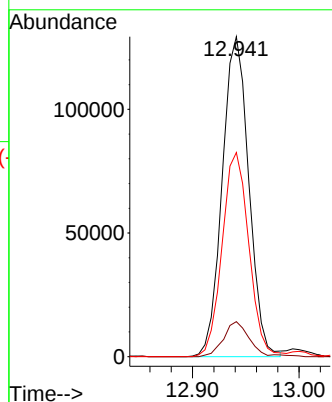
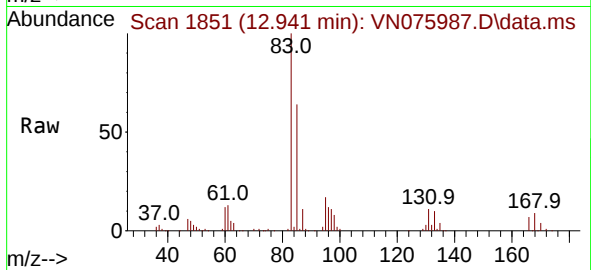
#75
1,1,2,2-Tetrachloroethane
Concen: 45.393 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 22376
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.2 32.6 98.0

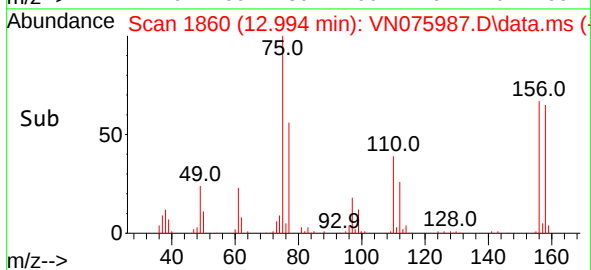
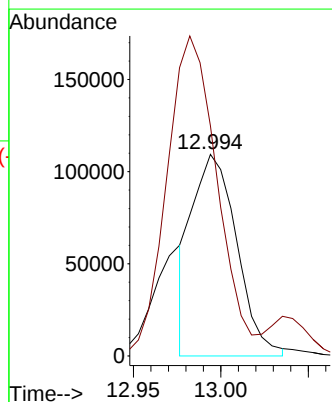
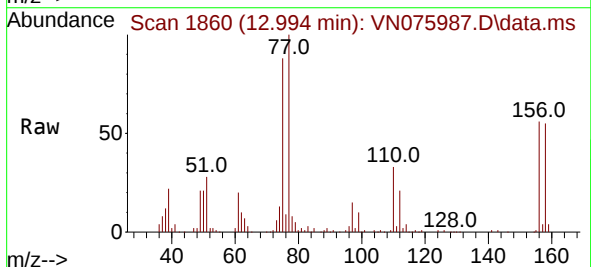
Manual Integrations
APPROVED

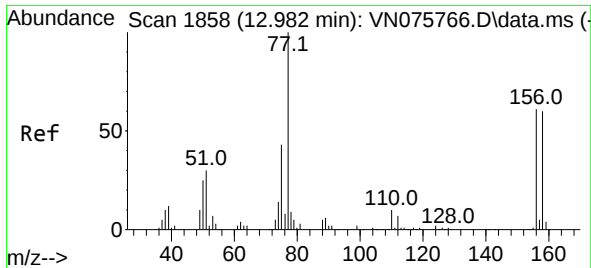
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#76
1,2,3-Trichloropropane
Concen: 43.721 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

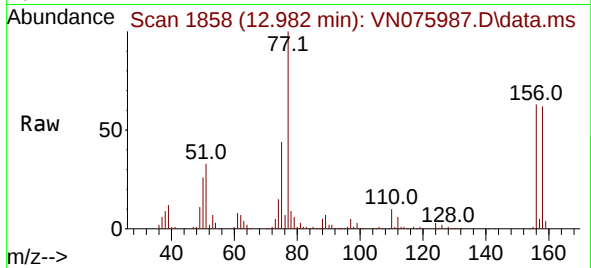
Tgt Ion: 75 Resp: 194469
Ion Ratio Lower Upper
75 100
77 180.3 82.6 247.8





#77
Bromobenzene
Concen: 47.364 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

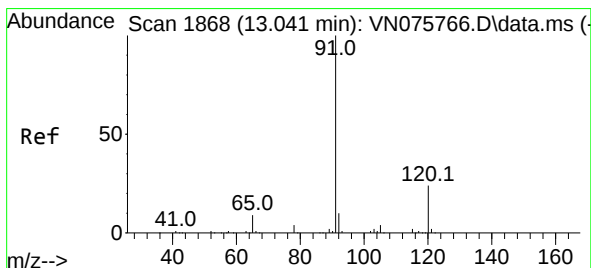
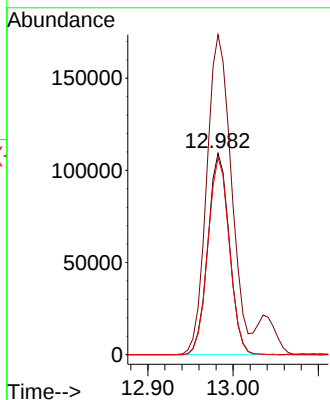
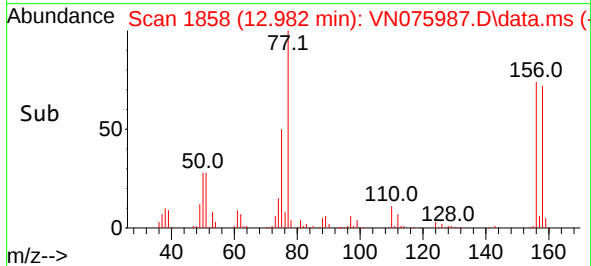
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 191140
Ion Ratio Lower Upper
156 100
77 183.4 93.8 281.3
158 98.0 48.9 146.6

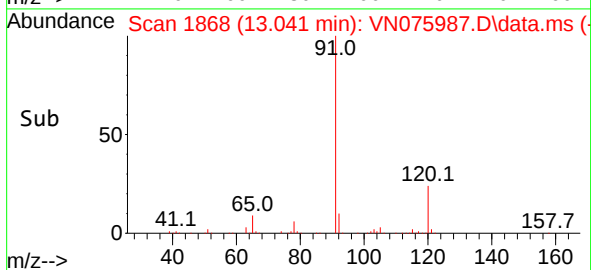
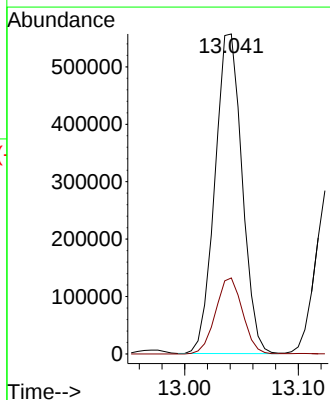
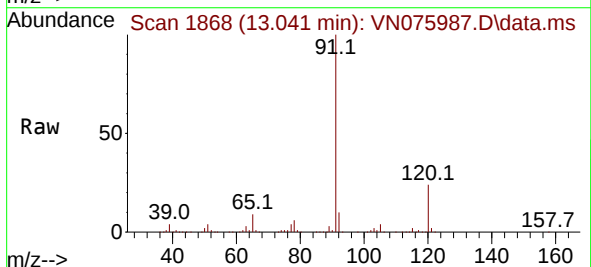
Manual Integrations
APPROVED

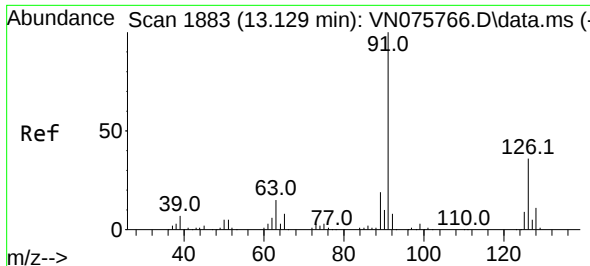
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#78
n-propylbenzene
Concen: 52.690 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 91 Resp: 926677
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





#79
2-Chlorotoluene
Concen: 48.921 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_N

ClientSampleId :

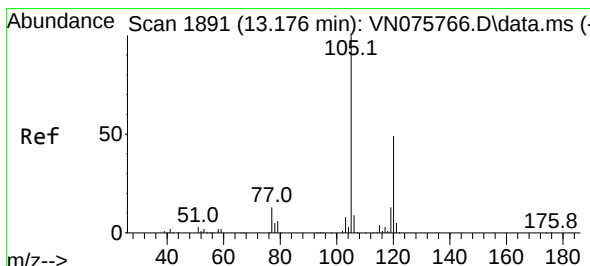
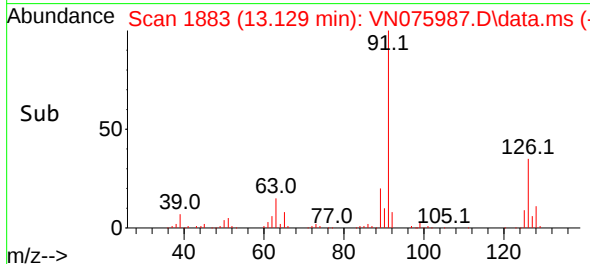
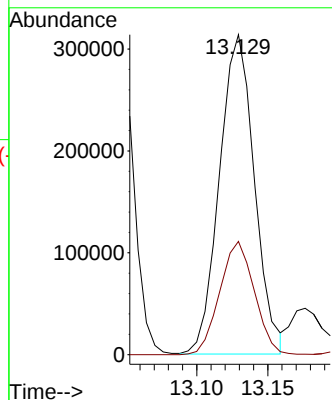
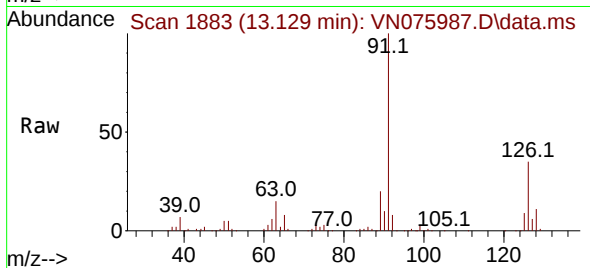
VSTDCCC050EC

Tgt Ion: 91 Resp: 537088
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

Manual Integrations

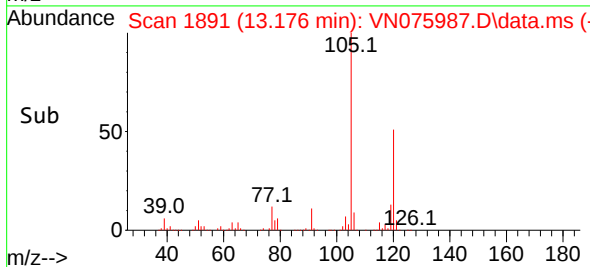
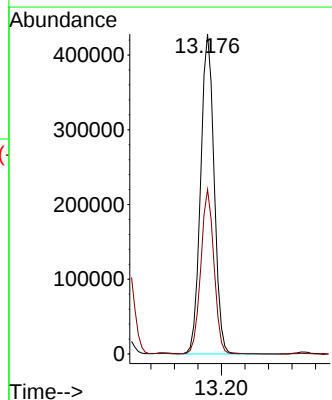
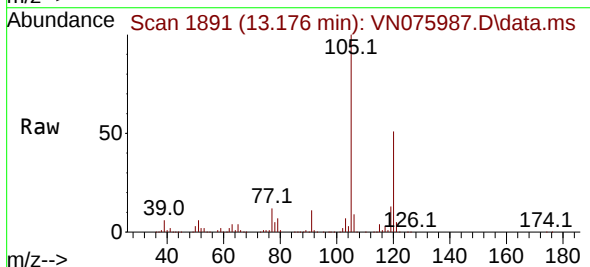
APPROVED

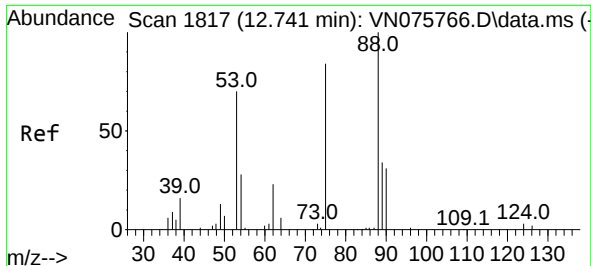
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.065 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

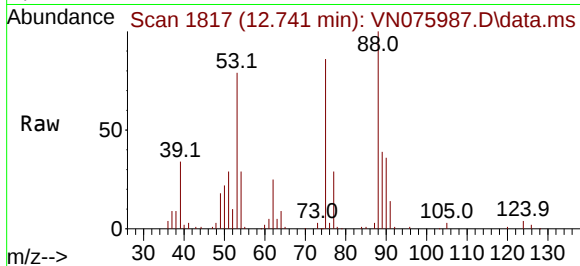
Tgt Ion:105 Resp: 681507
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 51.689 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

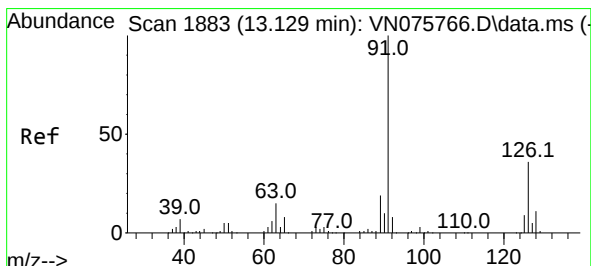
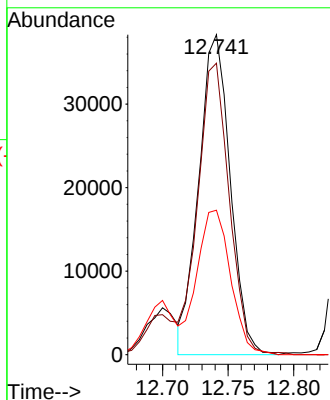
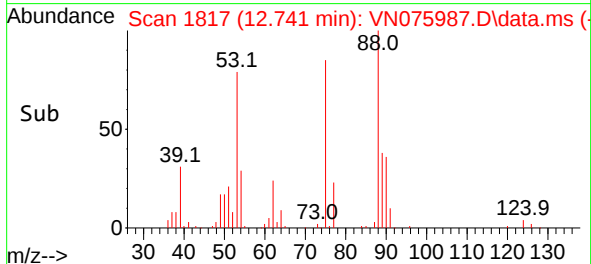
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6387
Ion Ratio Lower Upper
75 100
53 90.7 73.8 110.6
89 48.7 39.5 59.3

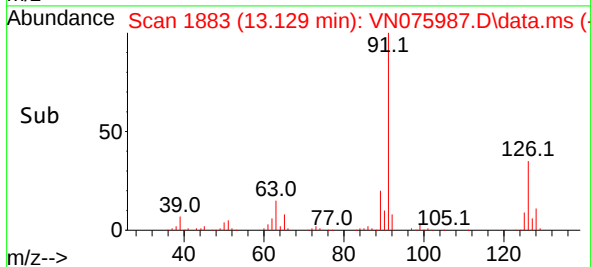
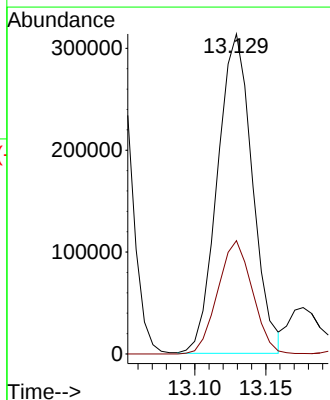
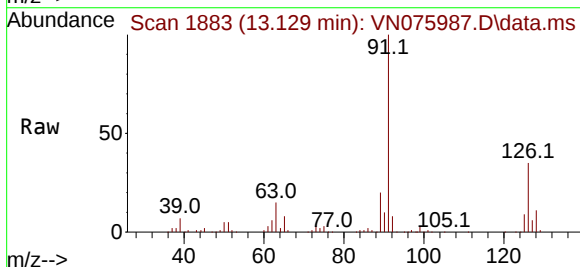
Manual Integrations
APPROVED

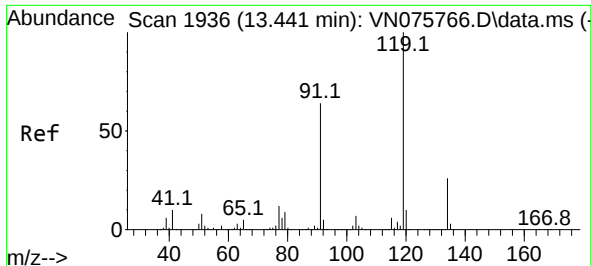
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#82
4-Chlorotoluene
Concen: 48.921 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 91 Resp: 537088
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





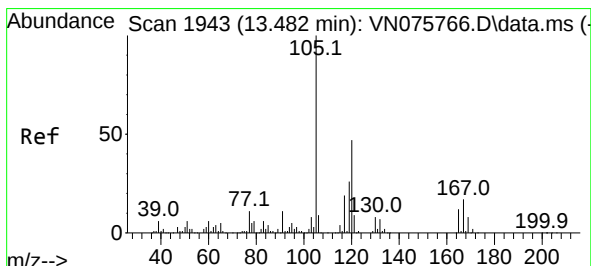
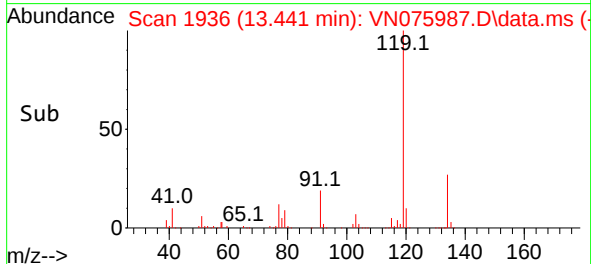
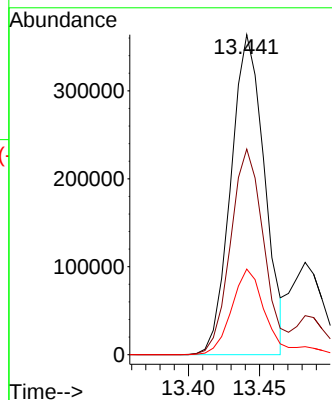
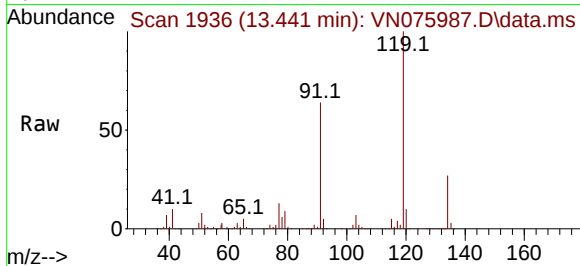
#83
tert-Butylbenzene
Concen: 50.861 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 598469
Ion Ratio Lower Upper
119 100
91 64.3 31.9 95.5
134 27.9 13.8 41.4

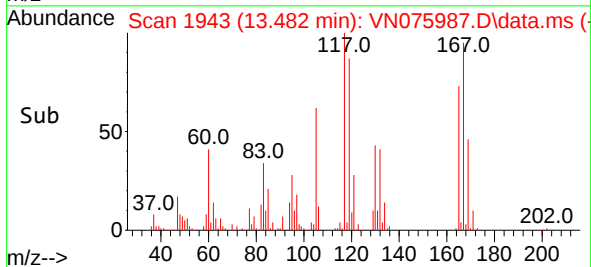
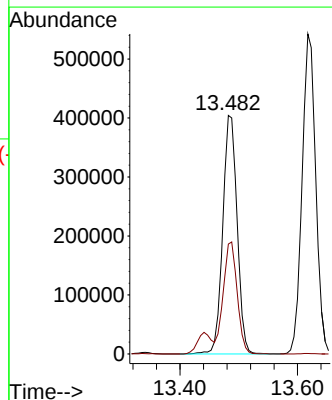
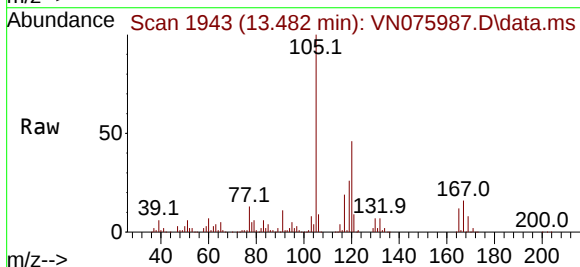
Manual Integrations
APPROVED

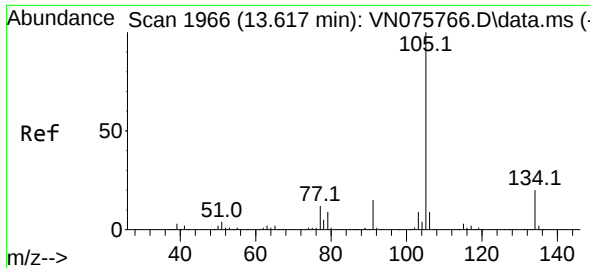
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.815 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

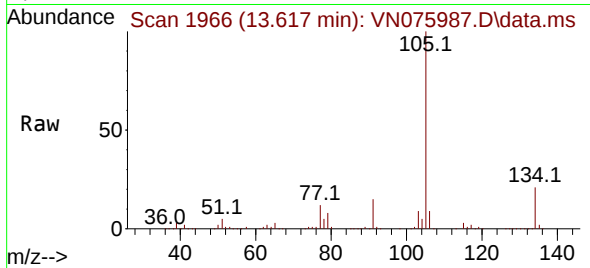
Tgt Ion:105 Resp: 686009
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.759 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44

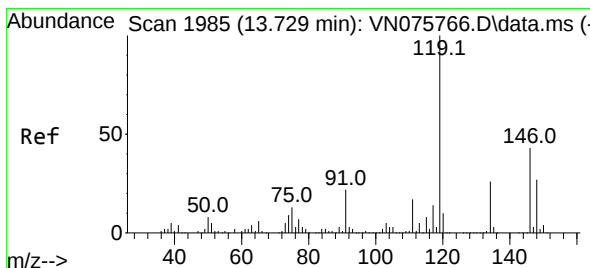
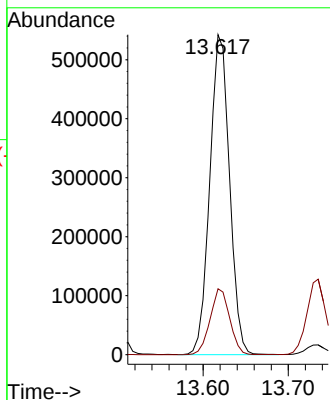
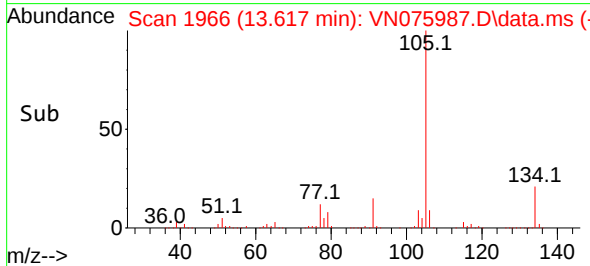
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



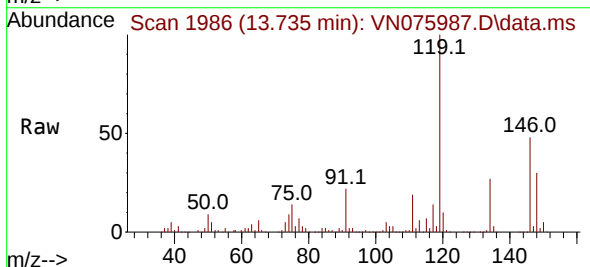
Tgt Ion:105 Resp: 873090
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
 APPROVED

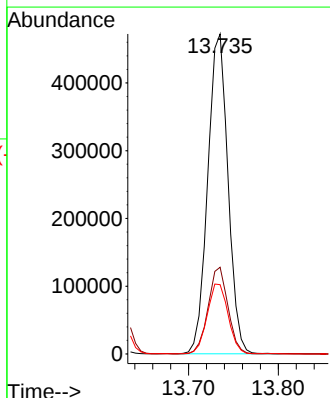
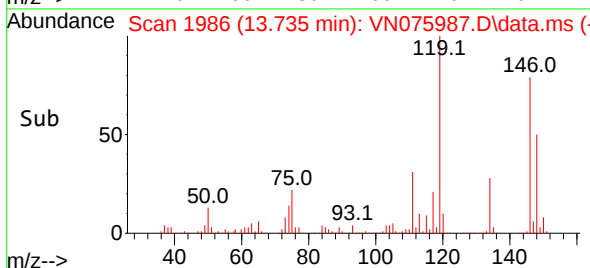
Reviewed By :John Carlone 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

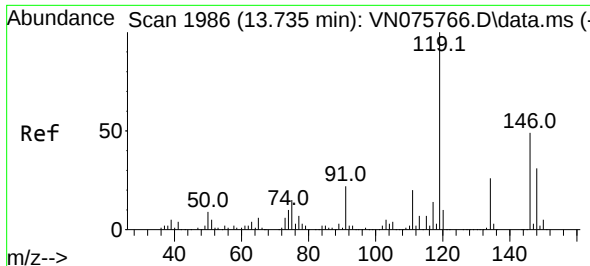


#86
 p-Isopropyltoluene
 Concen: 54.755 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075987.D
 Acq: 27 Dec 2022 16:44



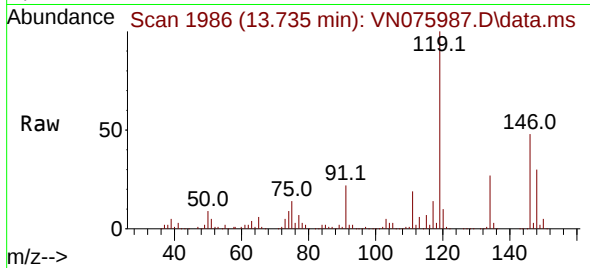
Tgt Ion:119 Resp: 739959
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 22.9 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 49.289 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

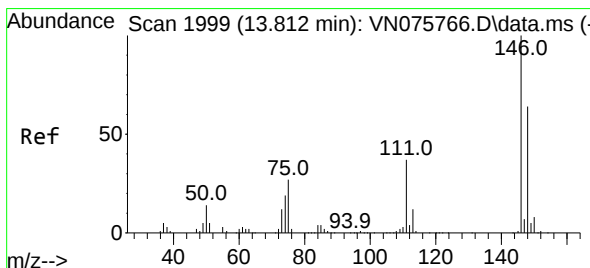
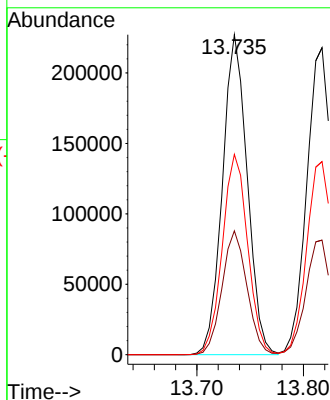
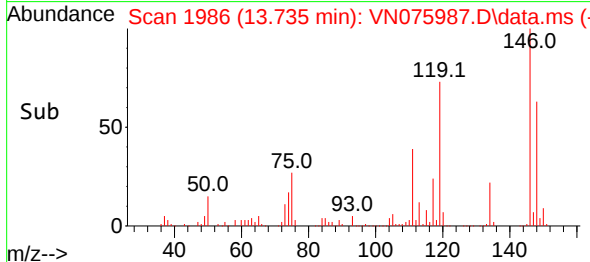
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



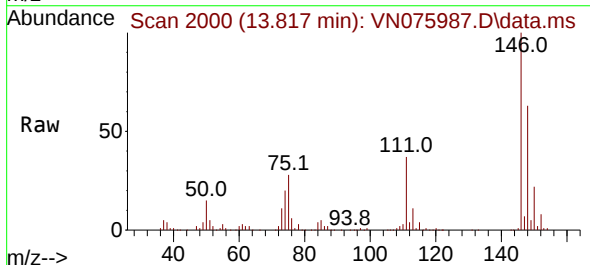
Tgt Ion:146 Resp: 367420
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.0
148 63.9 31.4 94.2

Manual Integrations
APPROVED

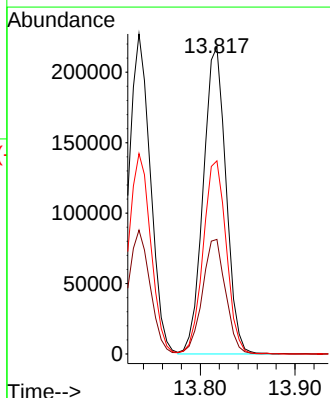
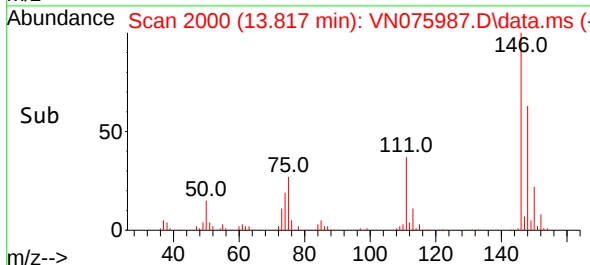
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022

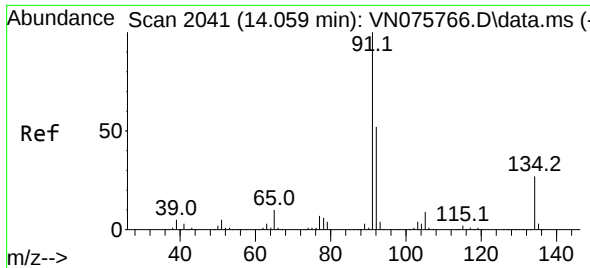


#88
1,4-Dichlorobenzene
Concen: 47.701 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



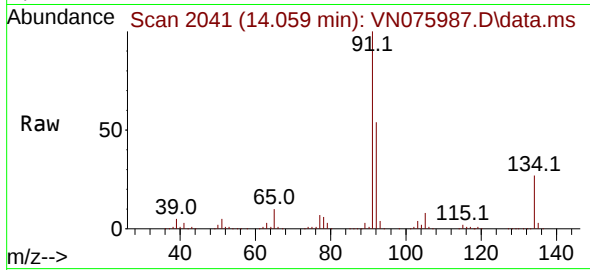
Tgt Ion:146 Resp: 363249
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.1
148 64.1 32.0 96.2





#89
n-Butylbenzene
Concen: 55.561 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

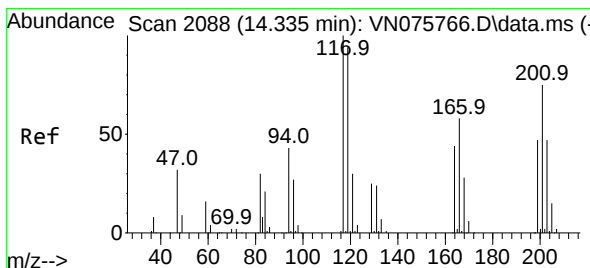
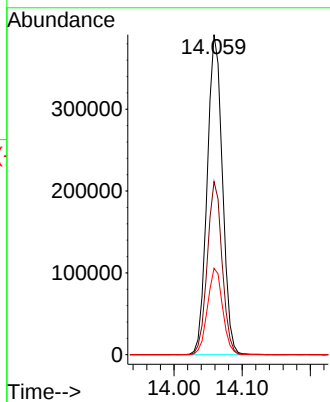
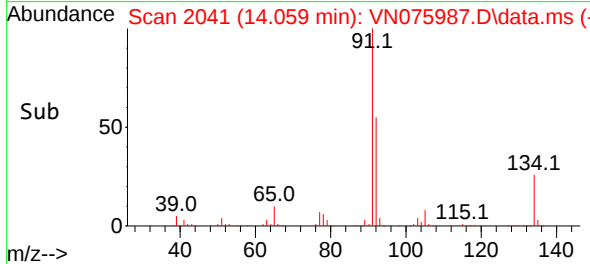
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 608279
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 26.9 13.4 40.2

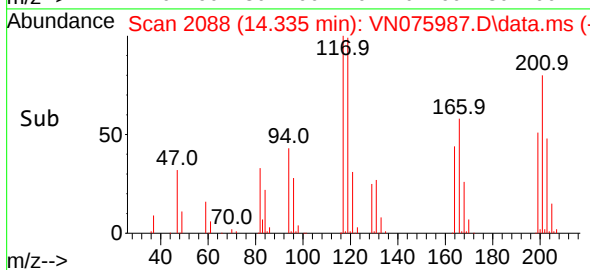
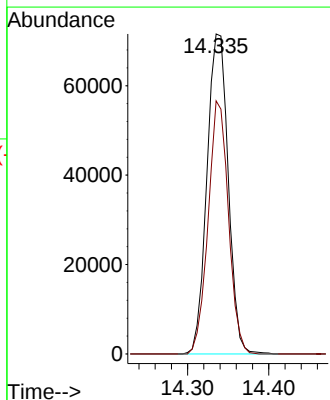
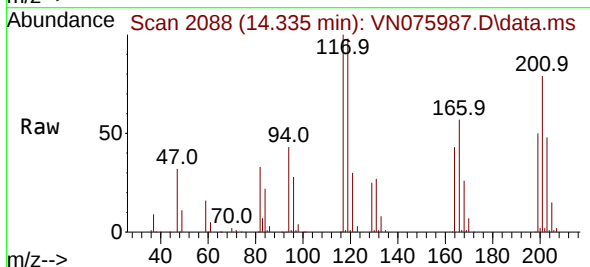
Manual Integrations
APPROVED

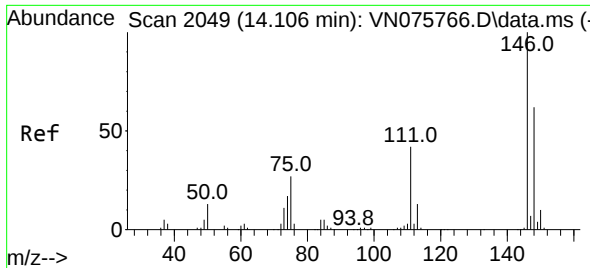
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#90
Hexachloroethane
Concen: 53.822 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

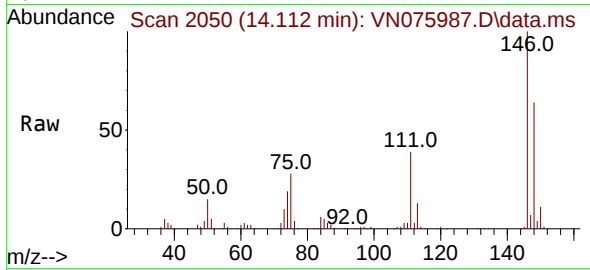
Tgt Ion:117 Resp: 130108
Ion Ratio Lower Upper
117 100
201 75.5 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 48.665 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

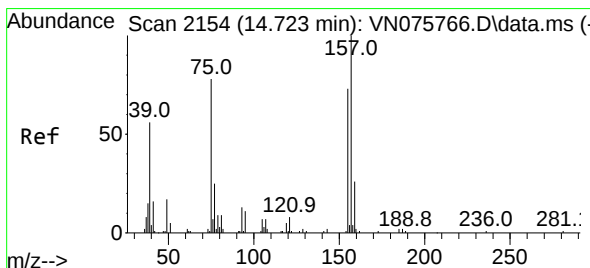
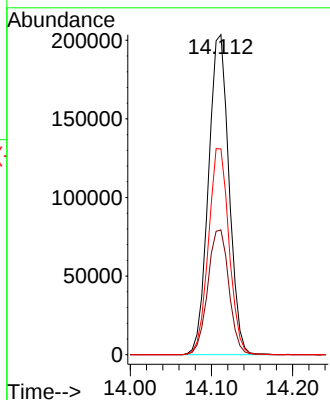
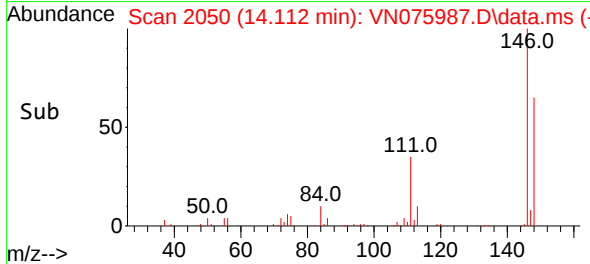
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 357320
Ion Ratio Lower Upper
146 100
111 40.2 20.3 61.0
148 64.7 31.7 95.1

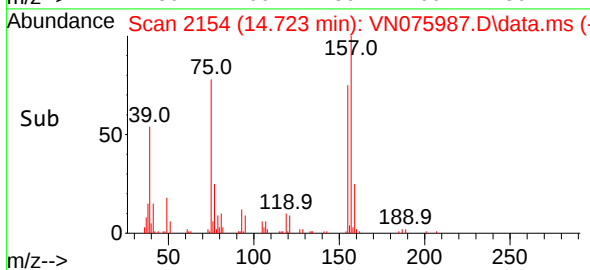
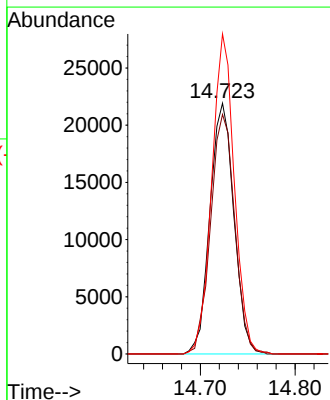
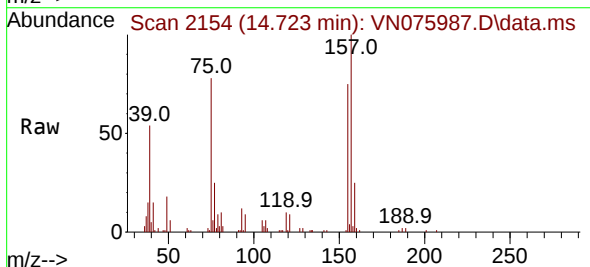
Manual Integrations
APPROVED

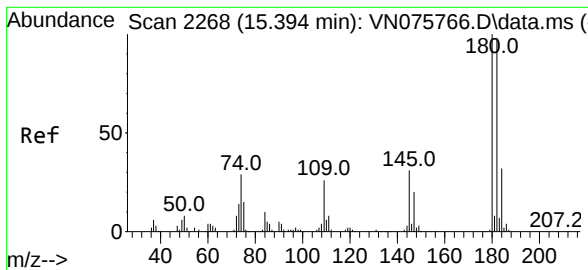
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.127 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

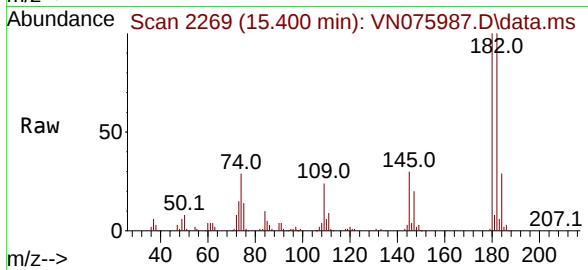
Tgt Ion: 75 Resp: 38598
Ion Ratio Lower Upper
75 100
155 95.9 49.3 147.8
157 119.6 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 50.291 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

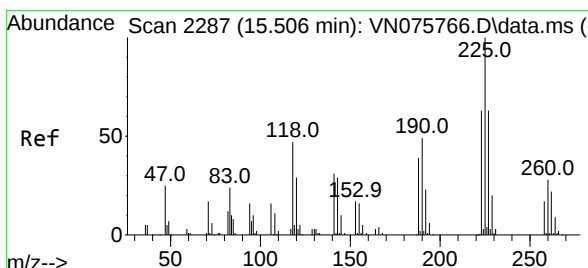
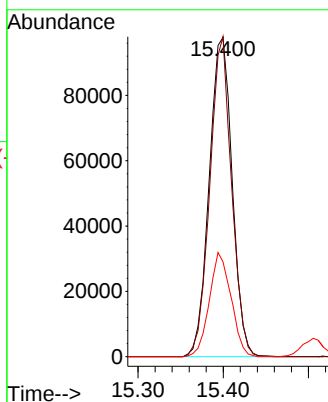
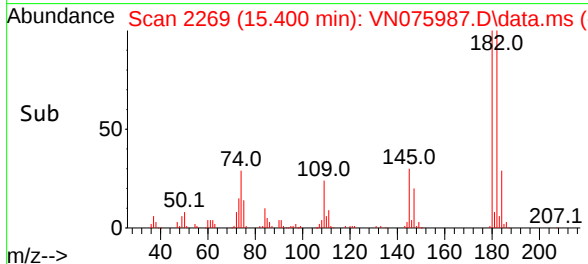
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 182814
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 30.9 15.3 45.8

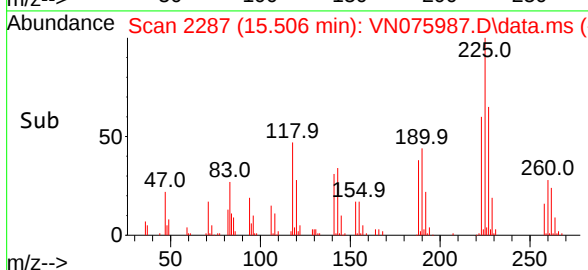
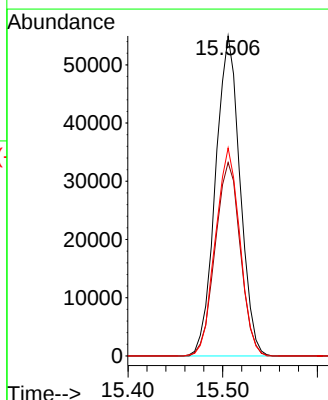
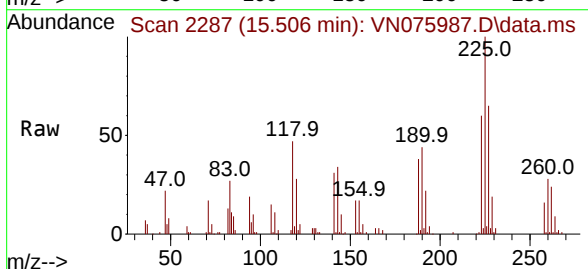
Manual Integrations
APPROVED

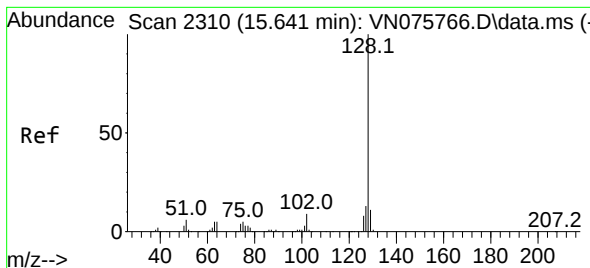
Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#94
Hexachlorobutadiene
Concen: 49.894 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

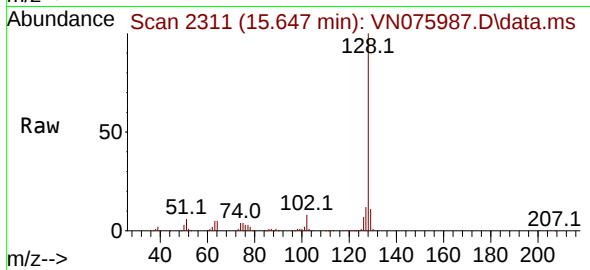
Tgt Ion:225 Resp: 98954
Ion Ratio Lower Upper
225 100
223 62.0 31.5 94.5
227 64.9 31.6 95.0





#95
Naphthalene
Concen: 43.463 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44

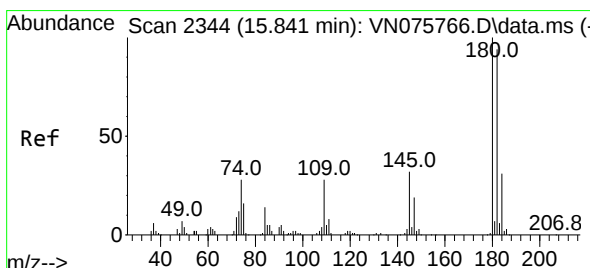
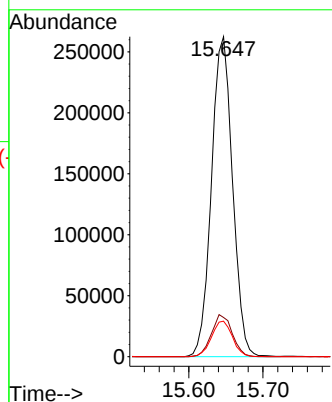
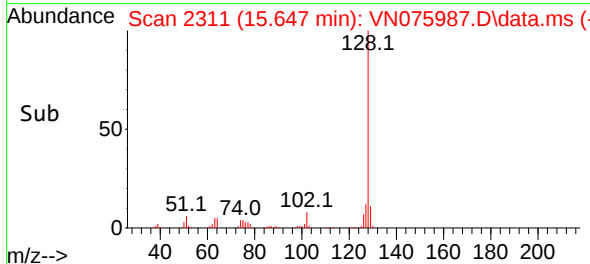
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



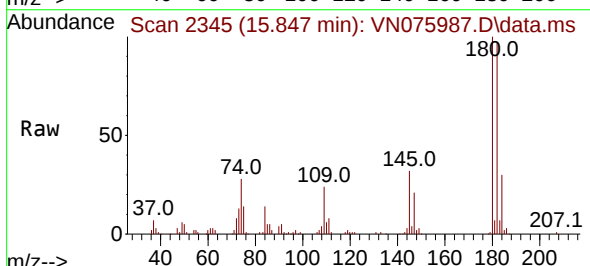
Tgt Ion:128 Resp: 518378
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2022
Supervised By :Mahesh Dadoda 12/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.391 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075987.D
Acq: 27 Dec 2022 16:44



Tgt Ion:180 Resp: 178002
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 31.6 16.0 47.9

