

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075933.D
 Acq On : 21 Dec 2022 20:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 22 03:07:34 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 12/22/2022
 Supervised By : Mahesh Dadoda 12/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	304078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	488478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	444188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175427	53.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.060%			
35) Dibromofluoromethane	8.177	113	162234	53.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.571	98	606931	53.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.320%			
62) 4-Bromofluorobenzene	12.853	95	212077	56.612	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	100692	46.637	ug/l	99
3) Chloromethane	2.377	50	117677	43.832	ug/l	98
4) Vinyl Chloride	2.530	62	156132	48.753	ug/l	98
5) Bromomethane	2.948	94	123637	45.426	ug/l	95
6) Chloroethane	3.124	64	111545	47.034	ug/l	97
7) Trichlorofluoromethane	3.506	101	242088	49.818	ug/l	99
8) Diethyl Ether	3.971	74	95518	53.816	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	143577	51.742	ug/l	97
10) Methyl Iodide	4.600	142	226638	50.327	ug/l	100
11) Tert butyl alcohol	5.536	59	122613	261.943	ug/l	99
12) 1,1-Dichloroethene	4.353	96	135915	50.432	ug/l	98
13) Acrolein	4.189	56	183707	320.123	ug/l	97
14) Allyl chloride	5.036	41	158747	50.389	ug/l	88
15) Acrylonitrile	5.730	53	339926	266.110	ug/l	100
16) Acetone	4.442	43	258014	226.256	ug/l	99
17) Carbon Disulfide	4.724	76	291590	44.687	ug/l	97
18) Methyl Acetate	5.042	43	177414	52.632	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	493331	55.587	ug/l	97
20) Methylene Chloride	5.289	84	159064	52.170	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	148659	50.368	ug/l	100
22) Diisopropyl ether	6.683	45	416692	54.447	ug/l	99
23) Vinyl Acetate	6.612	43	1409894	273.702	ug/l	99
24) 1,1-Dichloroethane	6.583	63	265858	52.087	ug/l	98
25) 2-Butanone	7.494	43	421156	263.764	ug/l	98
26) 2,2-Dichloropropane	7.500	77	222884	51.565	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	187859	53.219	ug/l	99
28) Bromochloromethane	7.824	49	104384	46.660	ug/l	99
29) Tetrahydrofuran	7.841	42	277122	276.951	ug/l	99
30) Chloroform	7.971	83	295817	51.476	ug/l	96
31) Cyclohexane	8.265	56	220274	46.493	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	272221	53.431	ug/l	97
36) 1,1-Dichloropropene	8.377	75	211268	52.574	ug/l	99
37) Ethyl Acetate	7.571	43	175655	54.419	ug/l	97
38) Carbon Tetrachloride	8.365	117	235950	52.461	ug/l	99
39) Methylcyclohexane	9.606	83	265599	54.785	ug/l	100
40) Benzene	8.612	78	645625	52.073	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	93251	55.579	ug/l	96
42) 1,2-Dichloroethane	8.677	62	218407	52.986	ug/l	99
43) Isopropyl Acetate	8.694	43	301451	56.615	ug/l	99
44) Trichloroethene	9.353	130	174106	49.846	ug/l	97
45) 1,2-Dichloropropane	9.624	63	156904	52.005	ug/l	98
46) Dibromomethane	9.712	93	115761	51.730	ug/l	98
47) Bromodichloromethane	9.888	83	236169	53.817	ug/l	99
48) Methyl methacrylate	9.682	41	137369	57.281	ug/l	97
49) 1,4-Dioxane	9.700	88	61565	1044.238	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	921320	286.117	ug/l	100
52) Toluene	10.635	92	435061	53.879	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	241876	56.306	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	264183	56.012	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	169603	53.513	ug/l	99
56) Ethyl methacrylate	10.877	69	245814	58.390	ug/l	98
57) 1,3-Dichloropropane	11.165	76	274809	52.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	399353	297.950	ug/l	99
59) 2-Hexanone	11.200	43	667742	284.351	ug/l	99
60) Dibromochloromethane	11.359	129	190719	54.109	ug/l	98
61) 1,2-Dibromoethane	11.476	107	174265	54.333	ug/l	100
64) Tetrachloroethene	11.106	164	155489	49.746	ug/l	98
65) Chlorobenzene	11.894	112	468535	51.392	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	179442	53.139	ug/l	99
67) Ethyl Benzene	11.965	91	835546	54.302	ug/l	98
68) m/p-Xylenes	12.076	106	662904	108.849	ug/l	100
69) o-Xylene	12.400	106	336013	55.753	ug/l	98
70) Styrene	12.412	104	546852	57.067	ug/l	100
71) Bromoform	12.582	173	139028	56.580	ug/l #	99
73) Isopropylbenzene	12.700	105	866429	53.312	ug/l	100
74) N-amyl acetate	12.500	43	275012	57.681	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	250698	49.899	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	218822m	48.269	ug/l	
77) Bromobenzene	12.982	156	207248	50.389	ug/l	99
78) n-propylbenzene	13.041	91	987849	55.110	ug/l	99
79) 2-Chlorotoluene	13.129	91	578321	51.685	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	735439	54.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	68860	54.675	ug/l	100
82) 4-Chlorotoluene	13.129	91	578321	51.685	ug/l	100
83) tert-Butylbenzene	13.441	119	681874	56.857	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	743922	55.130	ug/l	99
85) sec-Butylbenzene	13.623	105	935458	56.514	ug/l	99
86) p-Isopropyltoluene	13.735	119	789649	57.332	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	396103	52.136	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	396560	51.094	ug/l	99
89) n-Butylbenzene	14.059	91	640745	57.424	ug/l	100
90) Hexachloroethane	14.335	117	135678	55.069	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	390805	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43131	48.381	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	197398	53.280	ug/l	99
94) Hexachlorobutadiene	15.506	225	102543	50.730	ug/l	98
95) Naphthalene	15.647	128	608362	49.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	195311	56.402	ug/l	100

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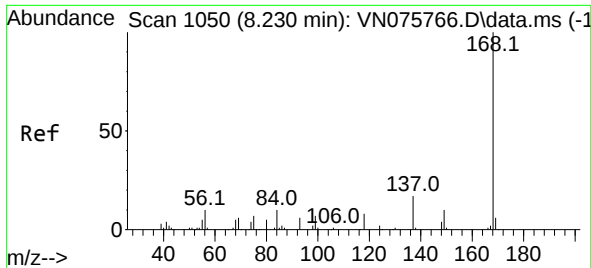
Manual Integrations
APPROVED

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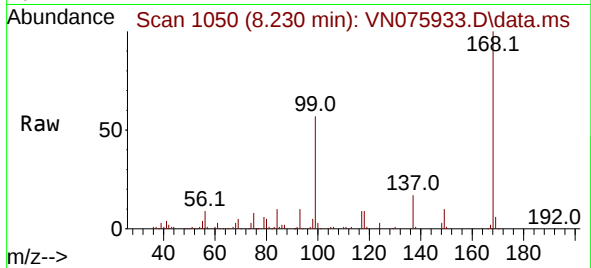
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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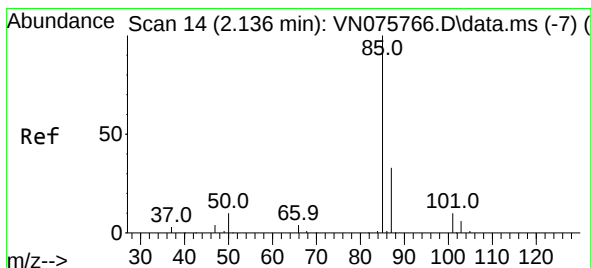
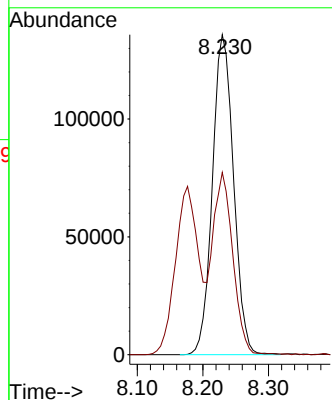
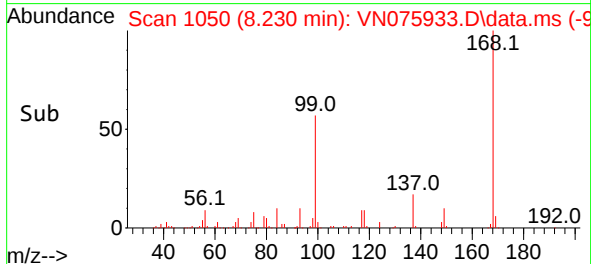
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 304078
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4

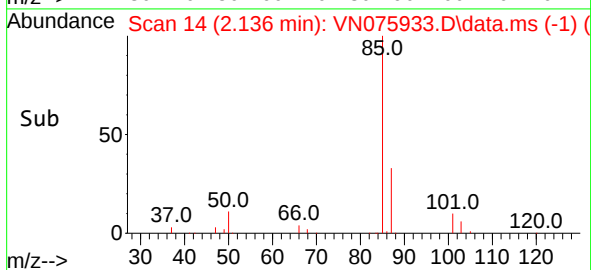
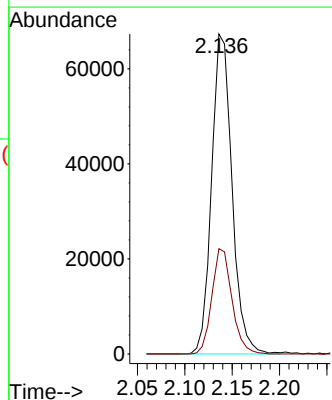
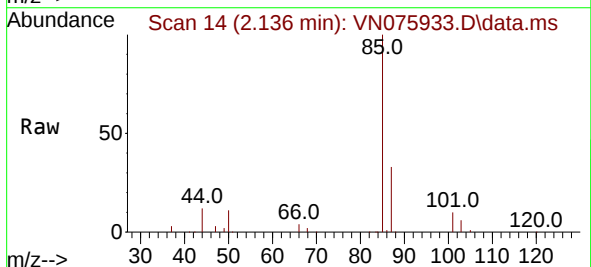
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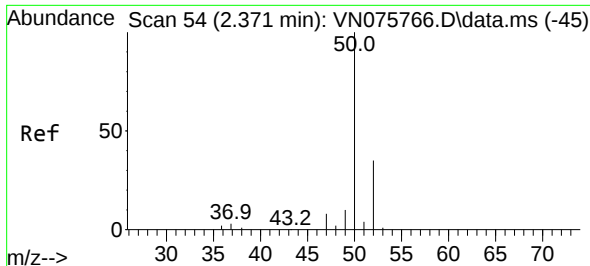
Reviewed By :John Carlone 12/22/2022
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#2
Dichlorodifluoromethane
Concen: 46.637 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 85 Resp: 100692
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





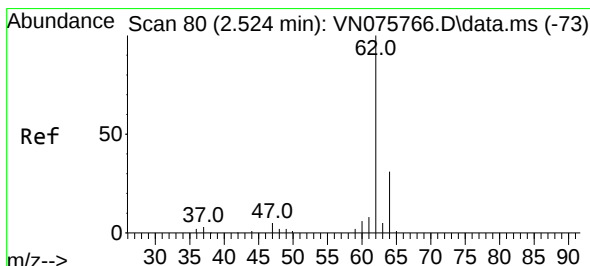
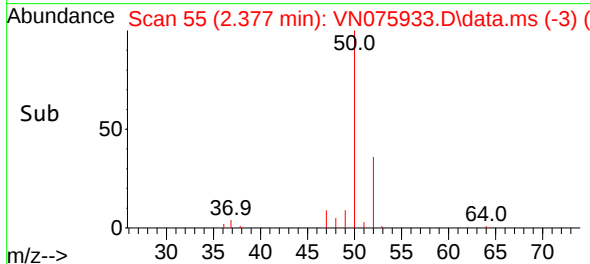
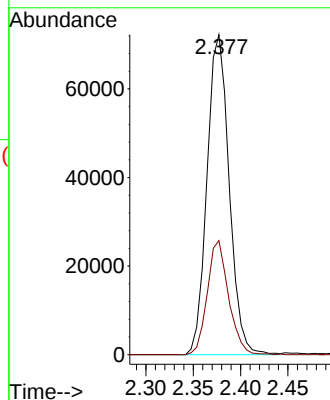
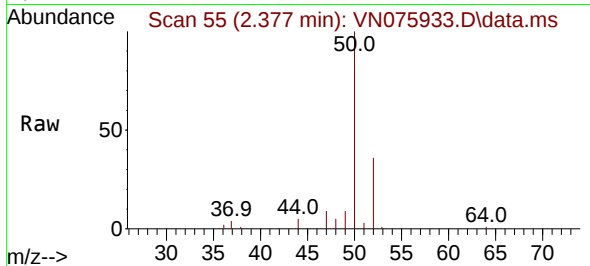
#3
Chloromethane
Concen: 43.832 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075933.D
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Instrument :
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Tgt Ion: 50 Resp: 11767
Ion Ratio Lower Upper
50 100
52 35.7 27.7 41.5

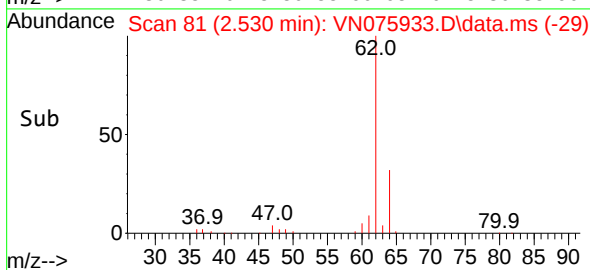
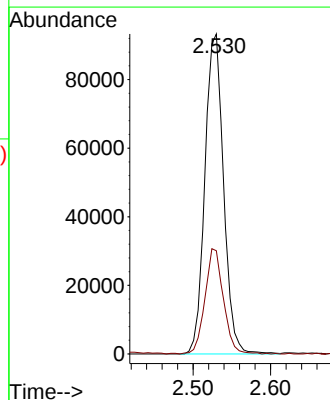
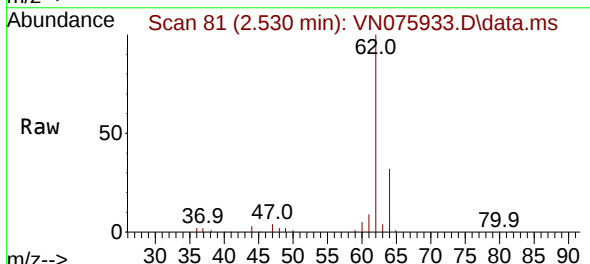
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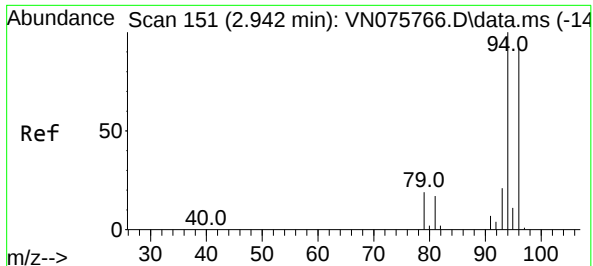
Reviewed By :John Carlone 12/22/2022
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#4
Vinyl Chloride
Concen: 48.753 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

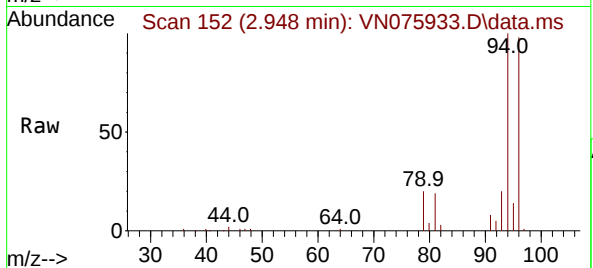
Tgt Ion: 62 Resp: 156132
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3





#5
Bromomethane
Concen: 45.426 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

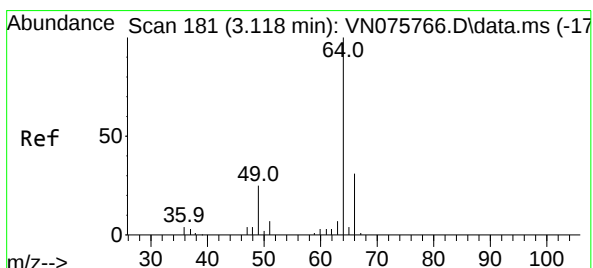
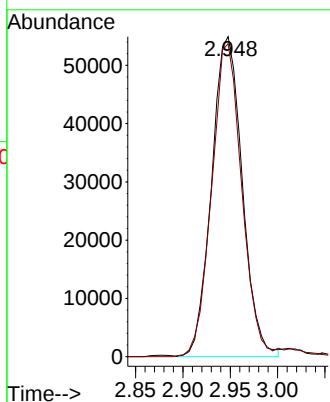
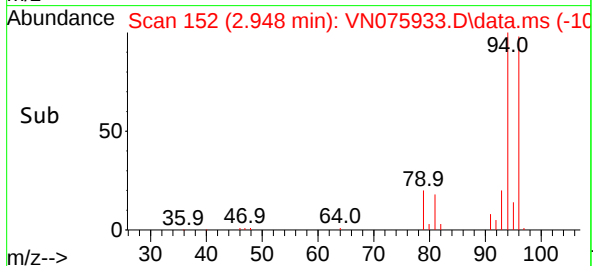
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Tgt Ion: 94 Resp: 12363
Ion Ratio Lower Upper
94 100
96 97.4 73.8 110.6

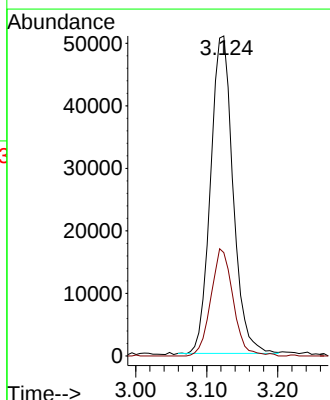
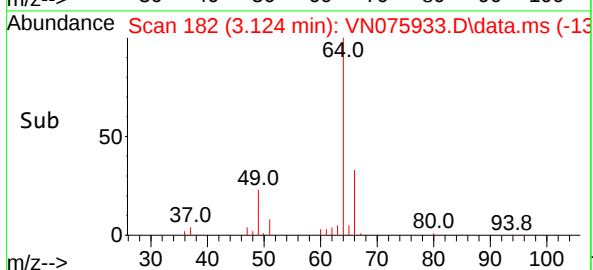
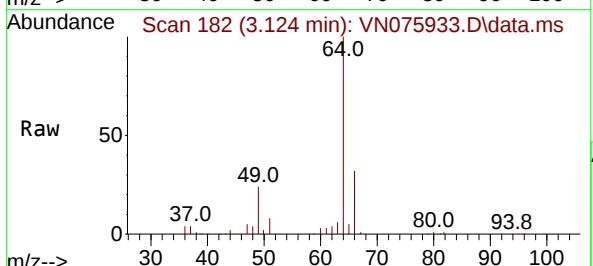
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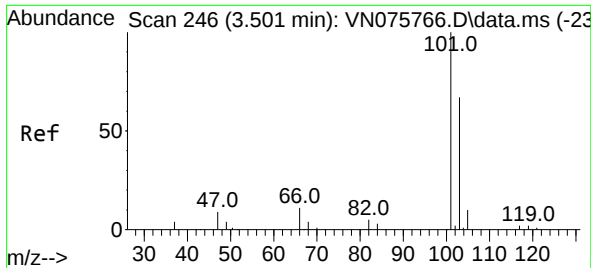
Reviewed By :John Carlone 12/22/2022
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#6
Chloroethane
Concen: 47.034 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075933.D
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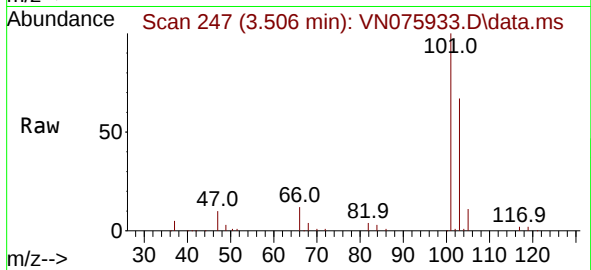
Tgt Ion: 64 Resp: 111545
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 49.818 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075933.D
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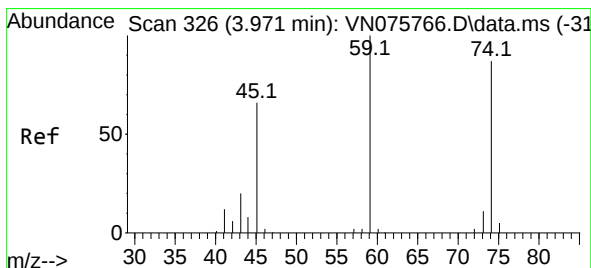
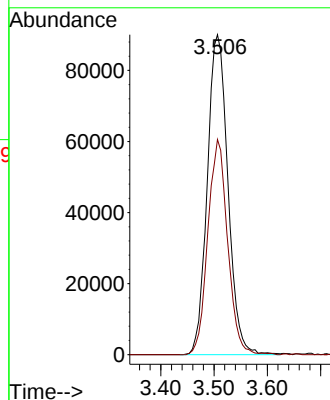
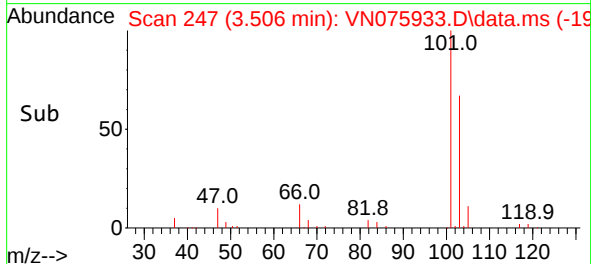
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Tgt Ion:101 Resp: 242088
 Ion Ratio Lower Upper
 101 100
 103 67.2 53.4 80.2

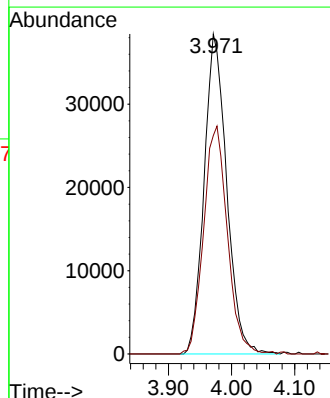
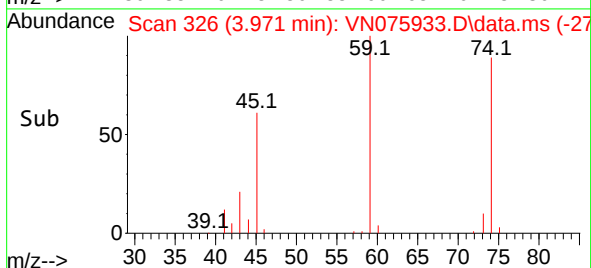
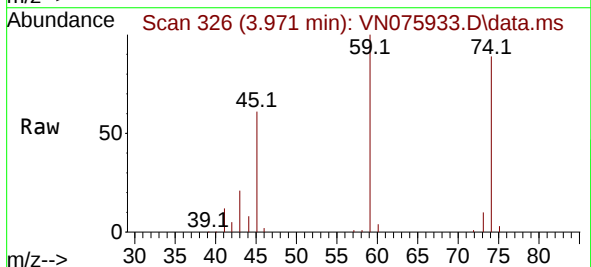
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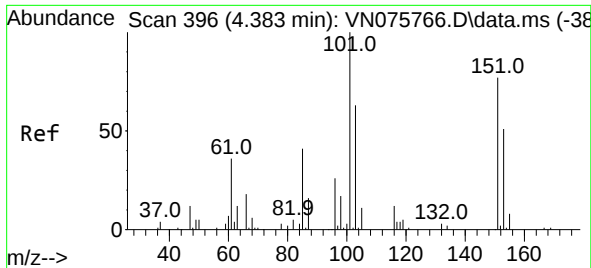
Reviewed By :John Carlone 12/22/2022
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#8
 Diethyl Ether
 Concen: 53.816 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 95518
 Ion Ratio Lower Upper
 74 100
 45 74.7 37.8 113.4





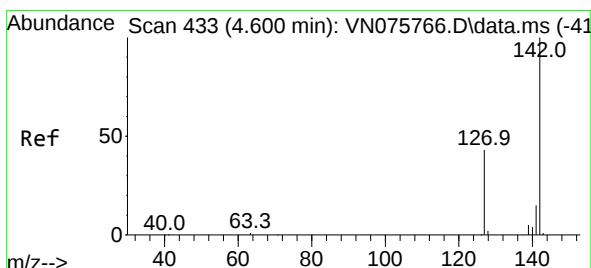
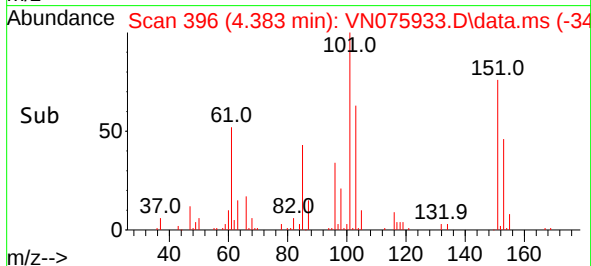
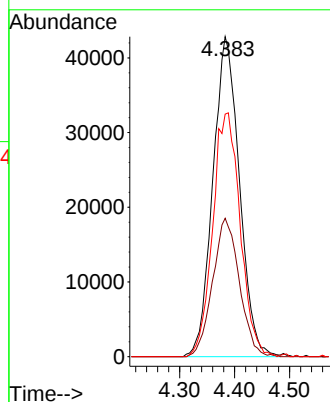
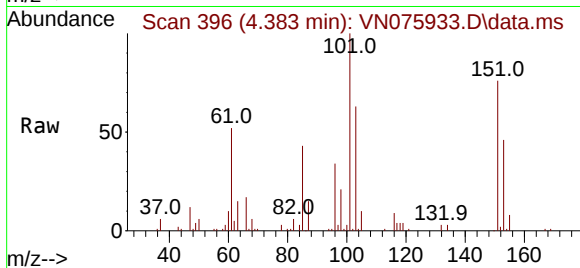
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.742 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14357
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 78.7 65.6 98.4

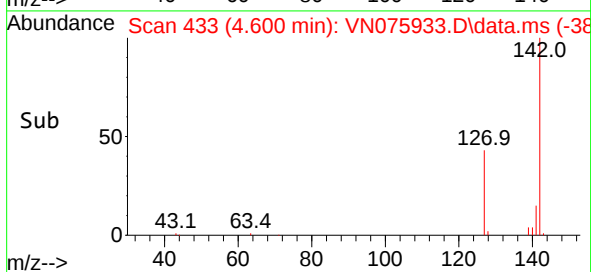
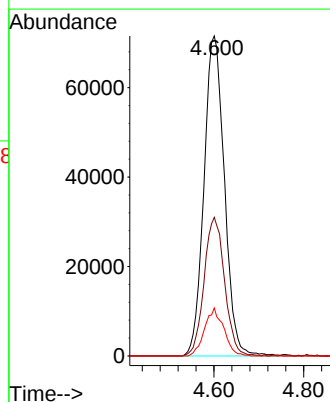
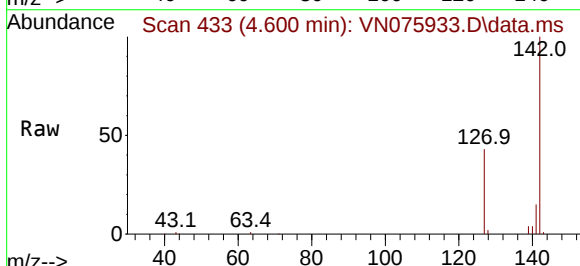
Manual Integrations
APPROVED

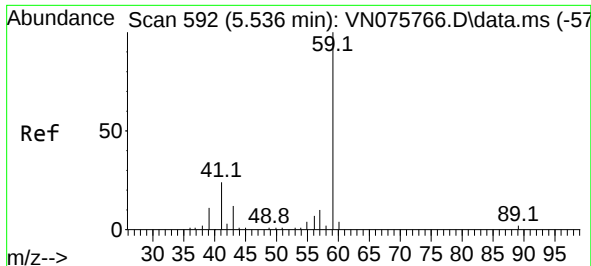
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 50.327 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:142 Resp: 226638
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 14.0 11.4 17.2





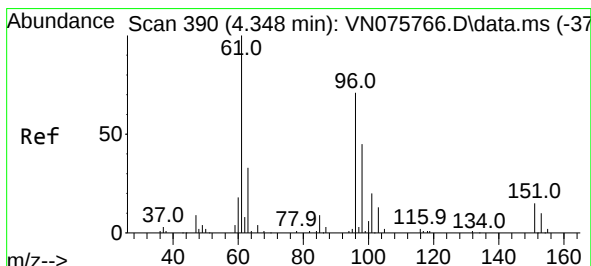
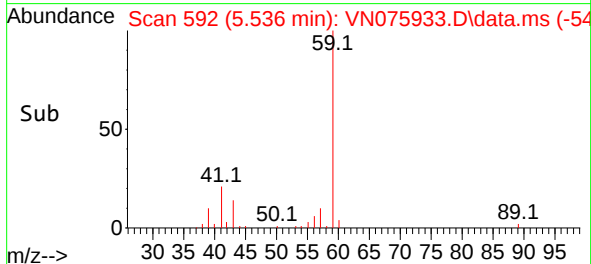
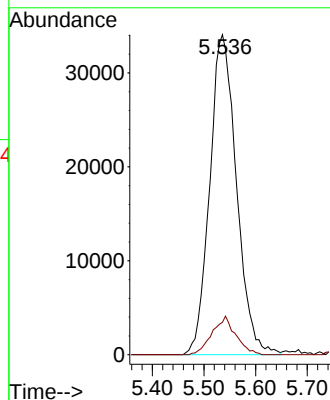
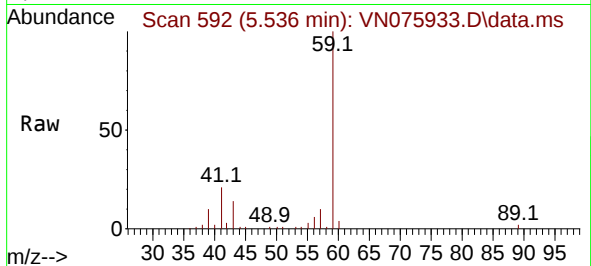
#11
Tert butyl alcohol
Concen: 261.943 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 12261
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

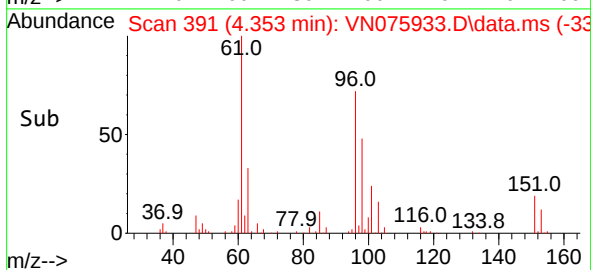
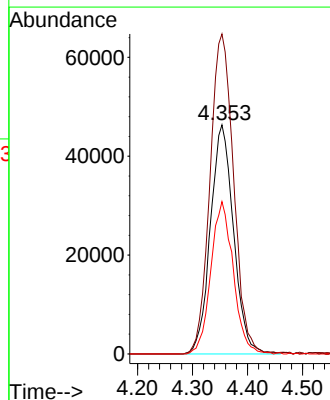
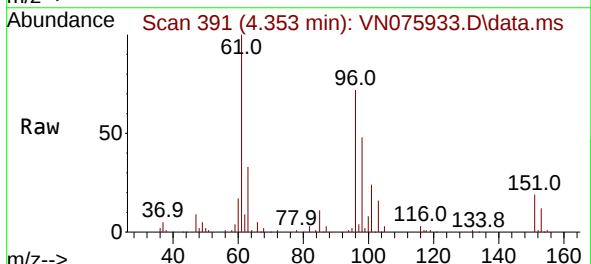
Manual Integrations
APPROVED

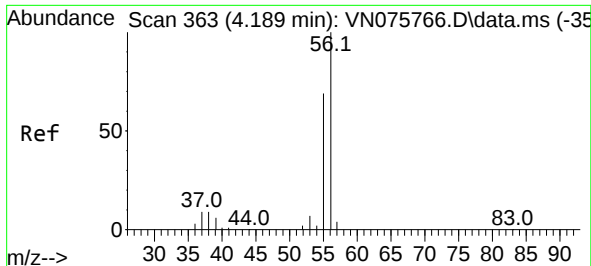
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#12
1,1-Dichloroethene
Concen: 50.432 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

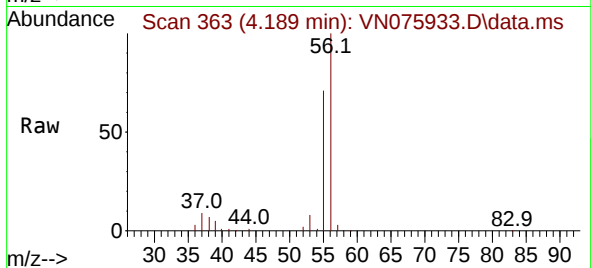
Tgt Ion: 96 Resp: 135915
Ion Ratio Lower Upper
96 100
61 139.7 113.3 169.9
98 66.5 50.9 76.3





#13
Acrolein
Concen: 320.123 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

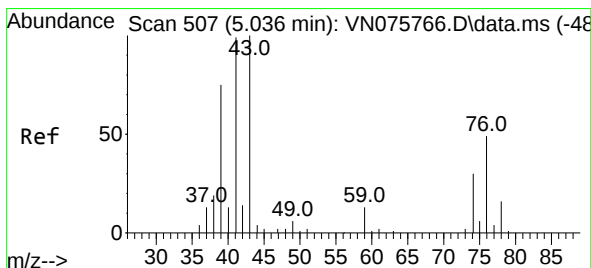
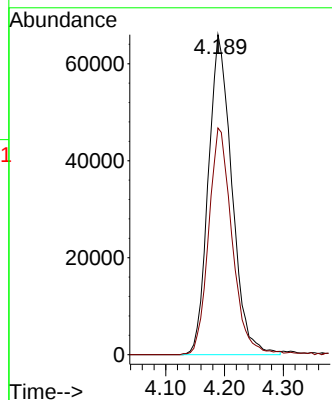
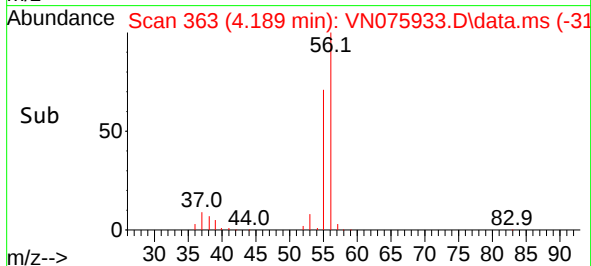
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



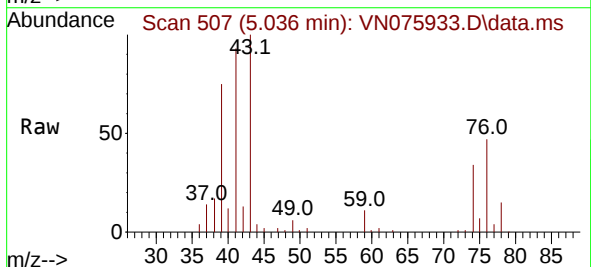
Tgt Ion: 56 Resp: 18370
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2

Manual Integrations
APPROVED

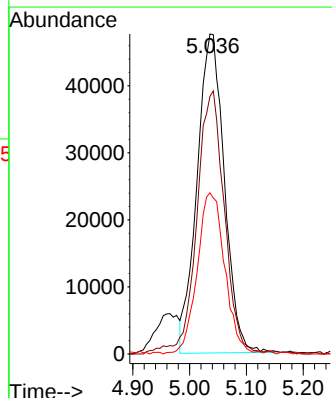
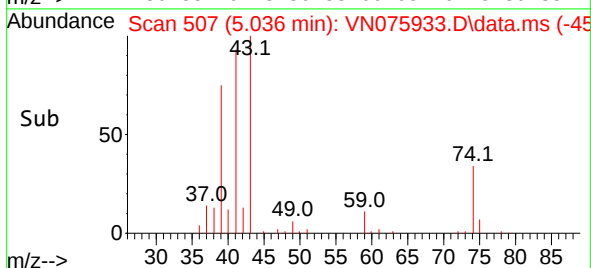
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

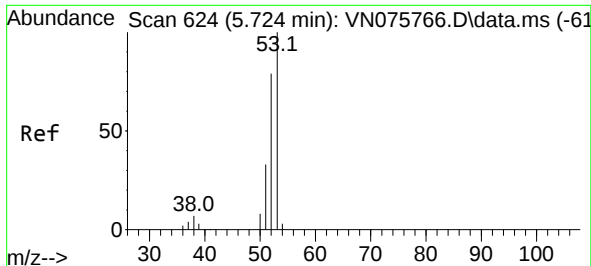


#14
Allyl chloride
Concen: 50.389 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40



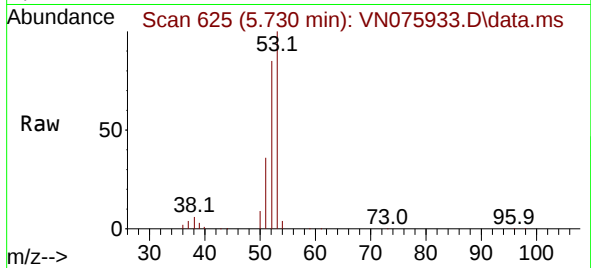
Tgt Ion: 41 Resp: 158747
Ion Ratio Lower Upper
41 100
39 83.5 58.3 87.5
76 51.0 35.8 53.6





#15
Acrylonitrile
Concen: 266.110 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

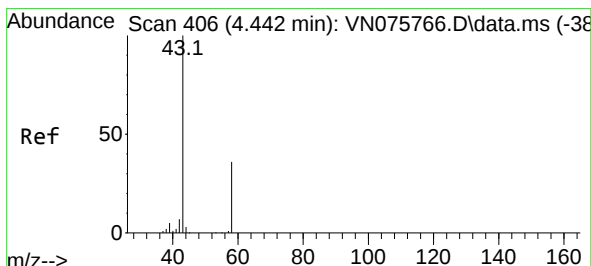
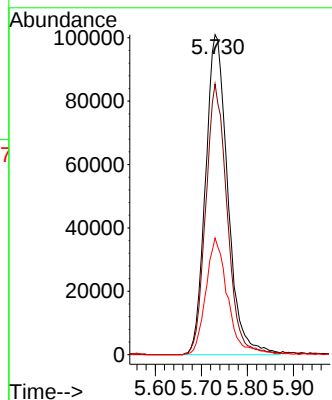
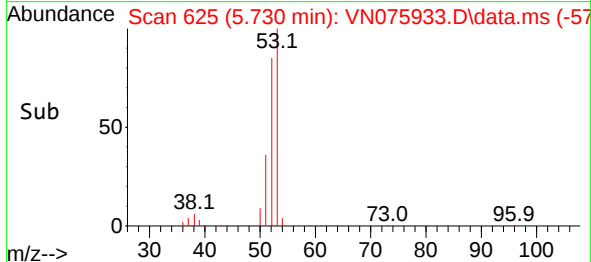
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 339920
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.0
51 35.8 28.9 43.3

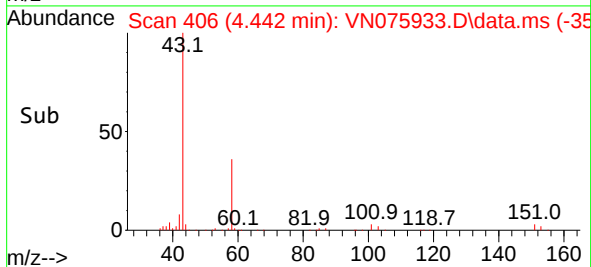
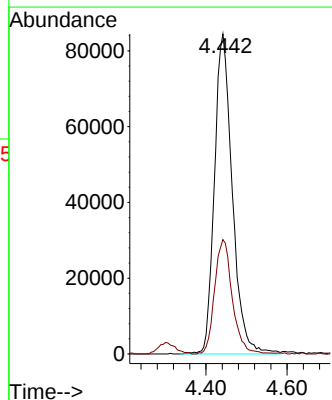
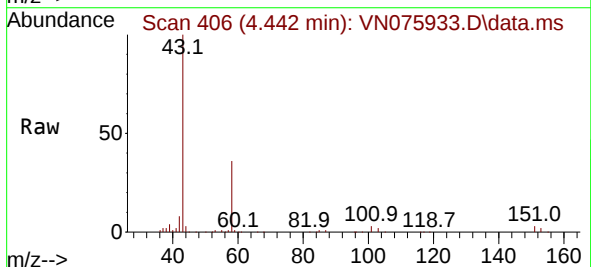
Manual Integrations
APPROVED

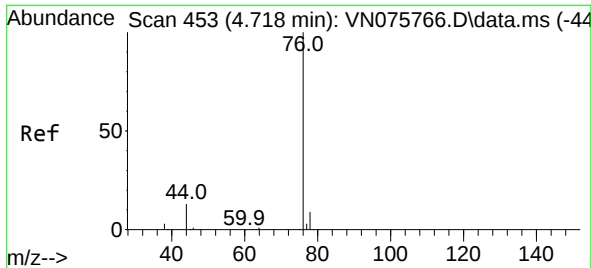
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 226.256 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 43 Resp: 258014
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0





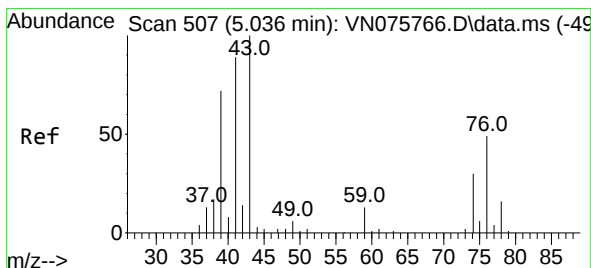
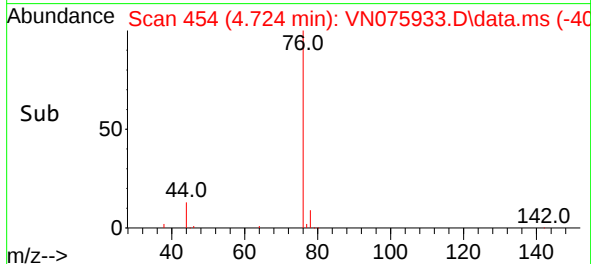
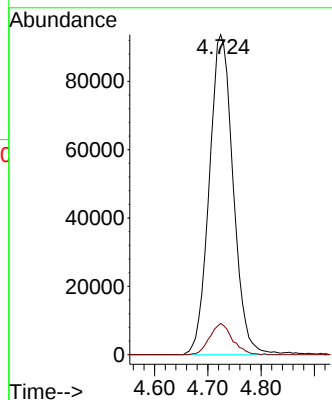
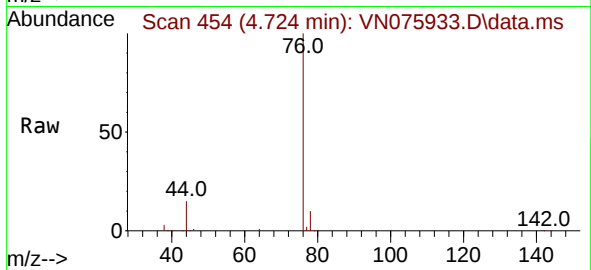
#17
Carbon Disulfide
Concen: 44.687 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 291590
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

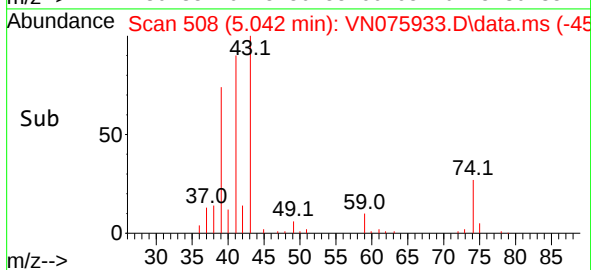
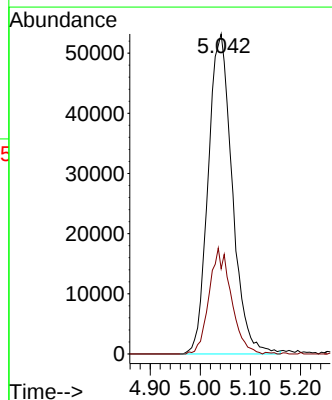
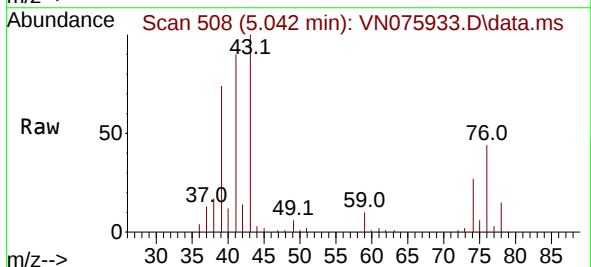
Manual Integrations
APPROVED

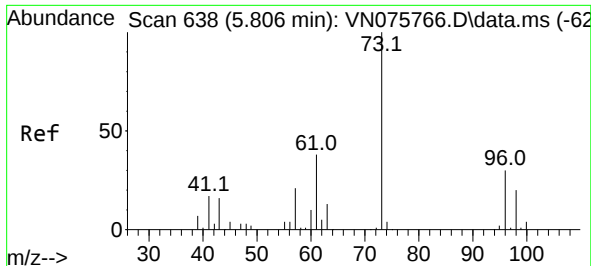
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 52.632 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 43 Resp: 177414
Ion Ratio Lower Upper
43 100
74 30.4 23.6 35.4





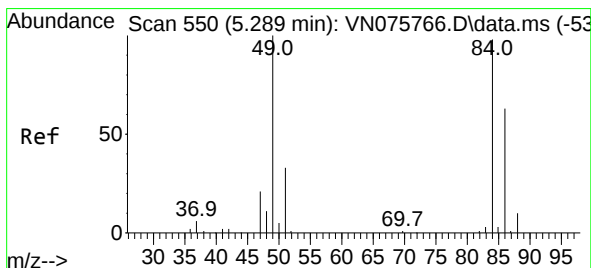
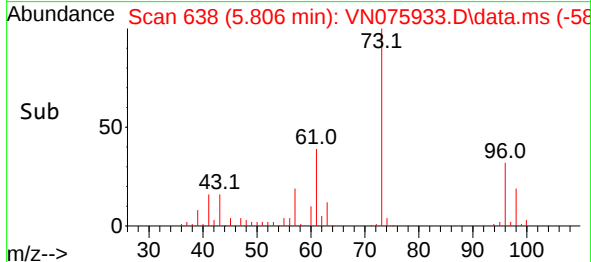
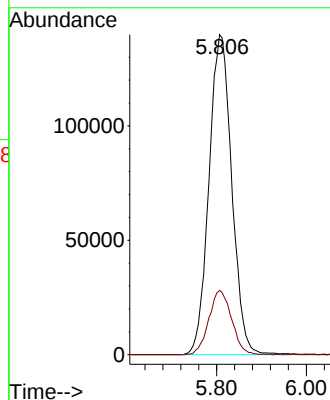
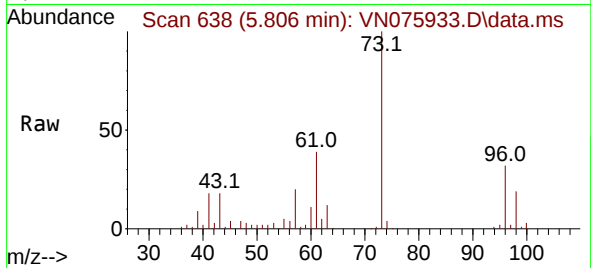
#19
Methyl tert-butyl Ether
Concen: 55.587 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 49333
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

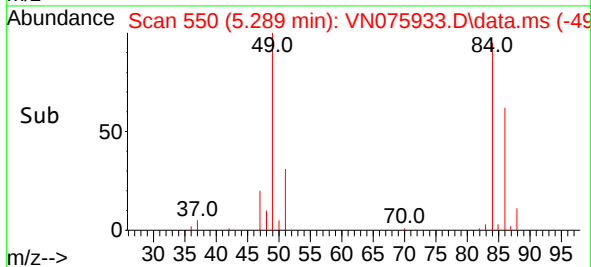
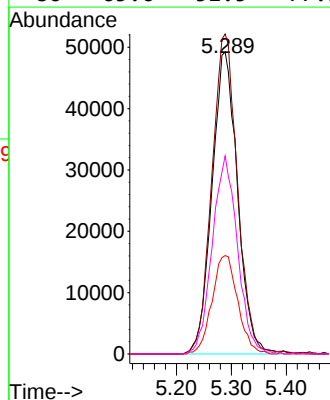
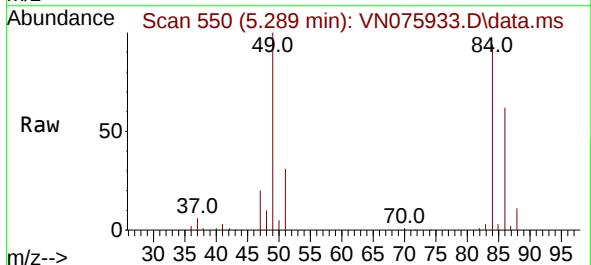
Manual Integrations
APPROVED

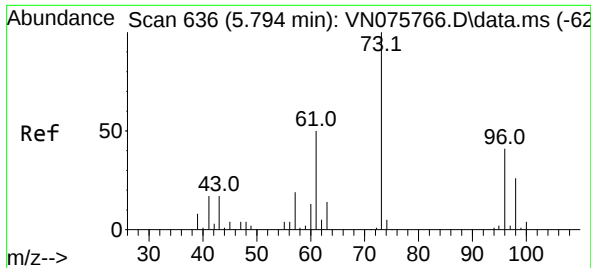
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 52.170 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 84 Resp: 159064
Ion Ratio Lower Upper
84 100
49 106.0 81.8 122.6
51 32.6 26.7 40.1
86 65.6 51.5 77.3





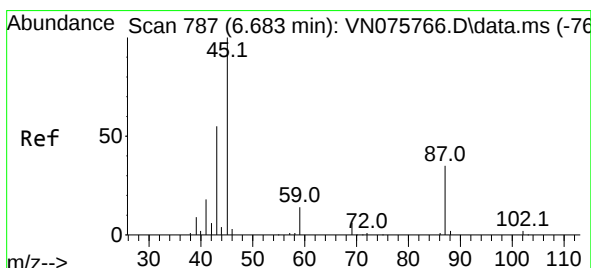
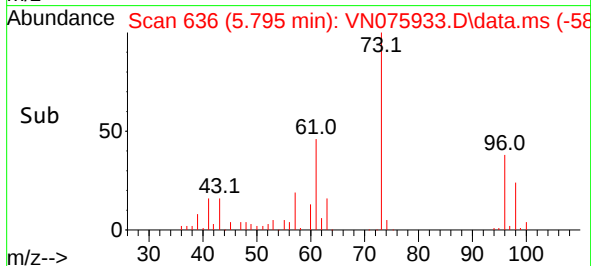
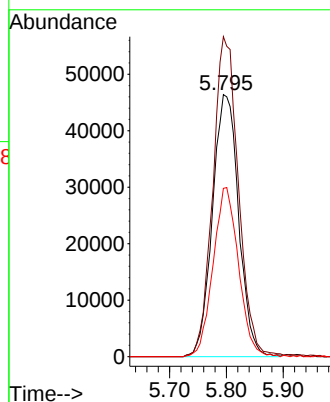
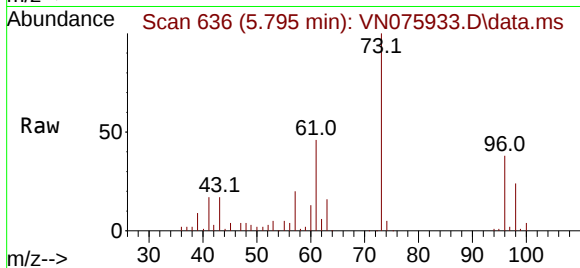
#21
trans-1,2-Dichloroethene
Concen: 50.368 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 148659
Ion Ratio Lower Upper
96 100
61 122.1 98.1 147.1
98 64.2 51.4 77.2

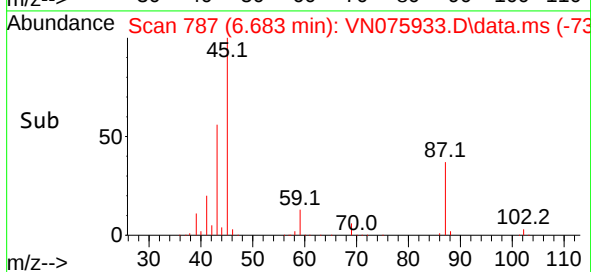
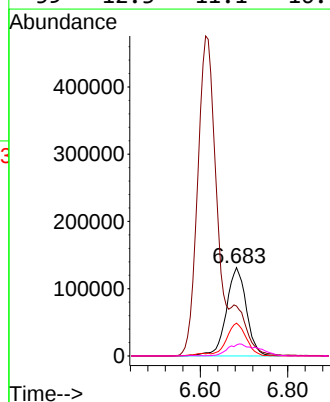
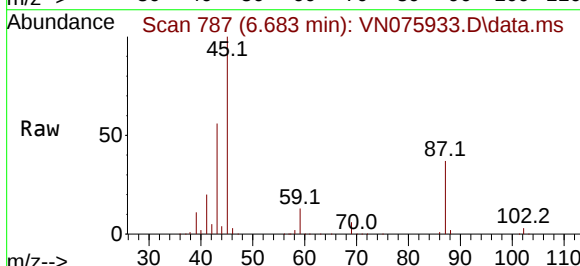
Manual Integrations
APPROVED

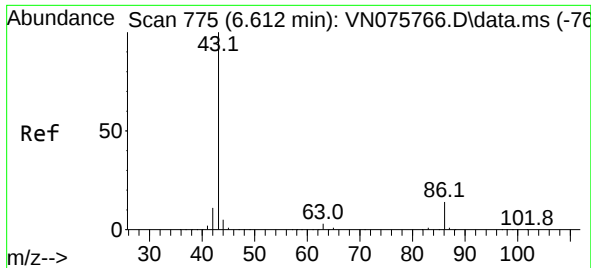
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#22
Diisopropyl ether
Concen: 54.447 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 45 Resp: 416692
Ion Ratio Lower Upper
45 100
43 55.3 44.2 66.4
87 36.9 28.3 42.5
59 12.3 11.1 16.7





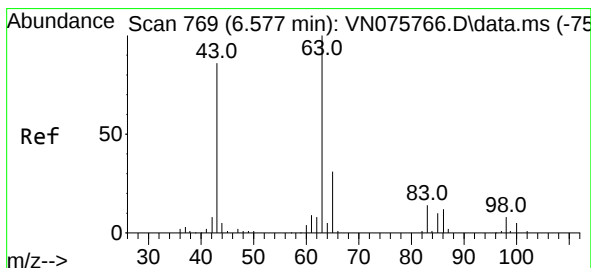
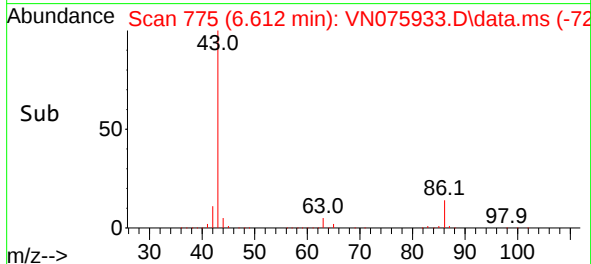
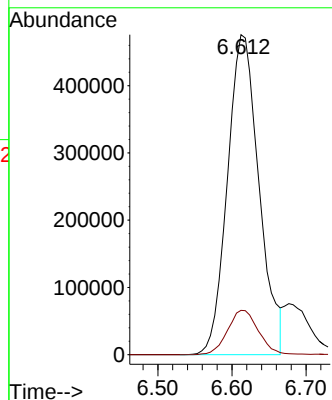
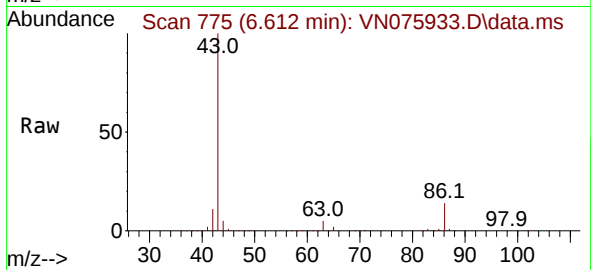
#23
 Vinyl Acetate
 Concen: 273.702 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075933.D
 Acq: 21 Dec 2022 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1409894
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.4 17.2

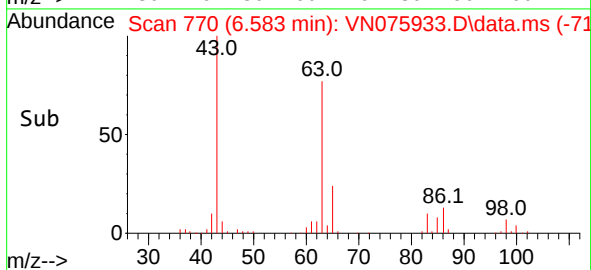
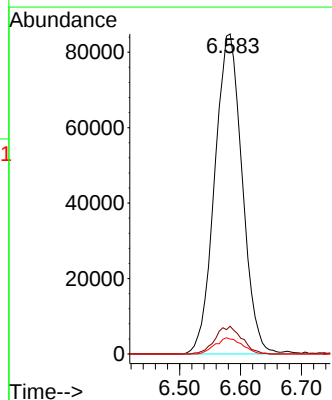
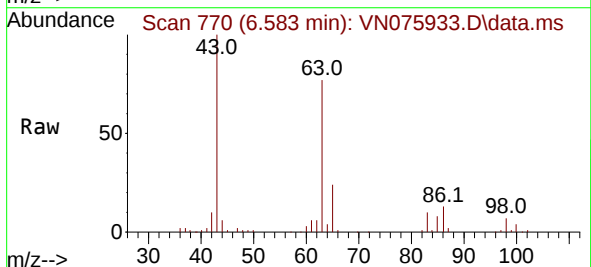
Manual Integrations
 APPROVED

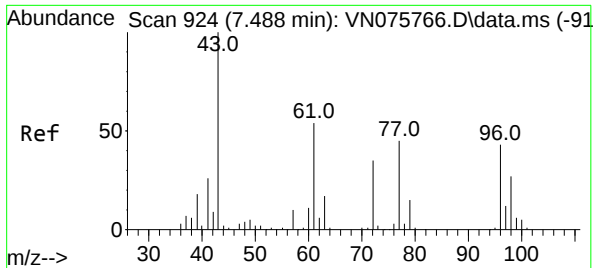
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 52.087 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075933.D
 Acq: 21 Dec 2022 20:40

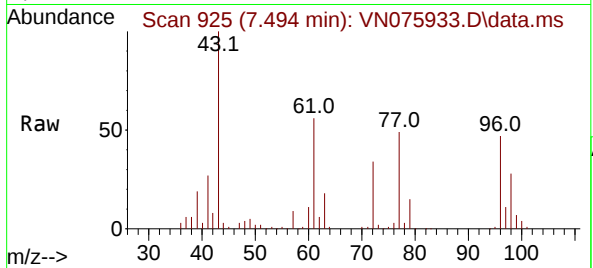
Tgt Ion: 63 Resp: 265858
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.5
 100 4.6 2.5 7.6





#25
2-Butanone
Concen: 263.764 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

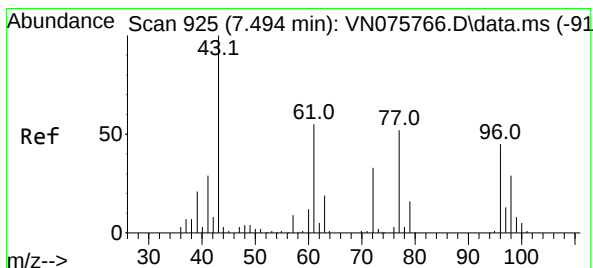
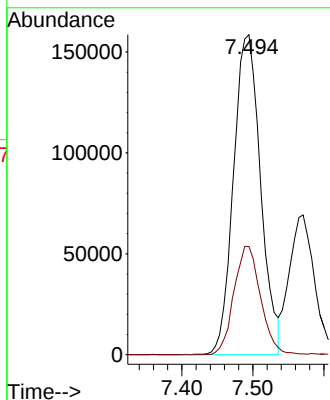
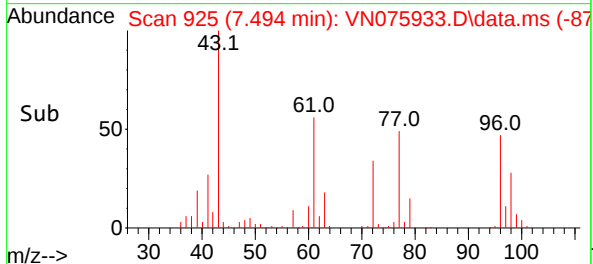
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 421156
Ion Ratio Lower Upper
43 100
72 33.8 28.0 42.0

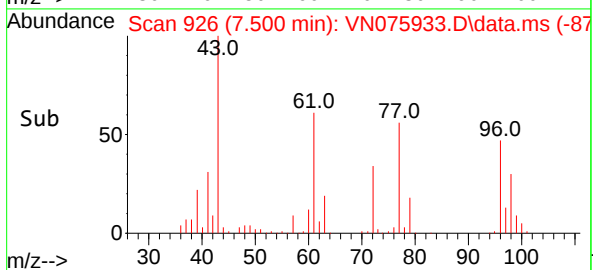
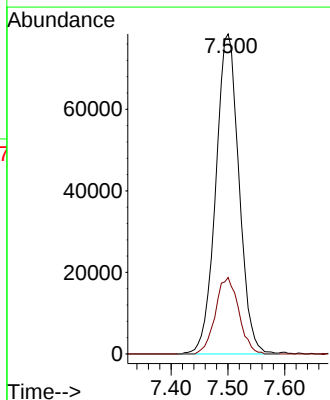
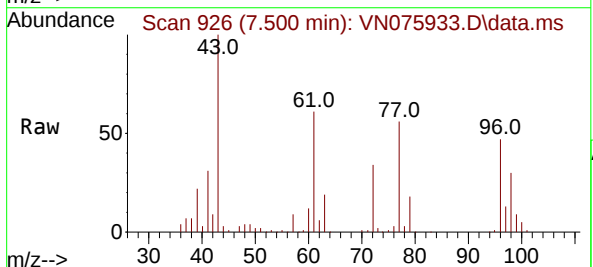
Manual Integrations
APPROVED

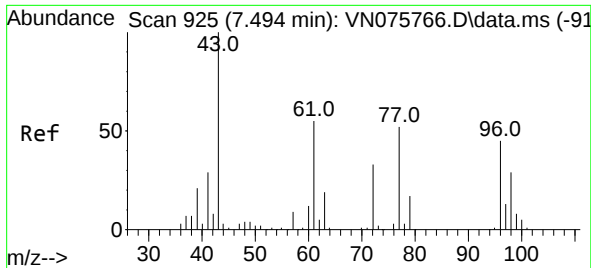
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#26
2,2-Dichloropropane
Concen: 51.565 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 77 Resp: 222884
Ion Ratio Lower Upper
77 100
97 24.0 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 53.219 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075933.D

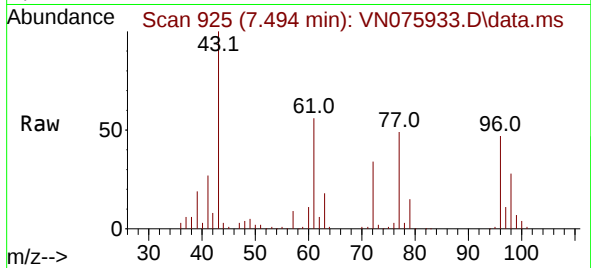
Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 18785

Ion Ratio Lower Upper

96 100

61 125.2 0.0 247.8

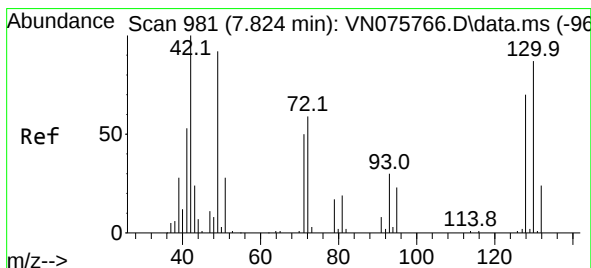
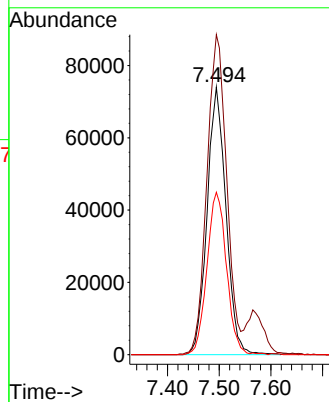
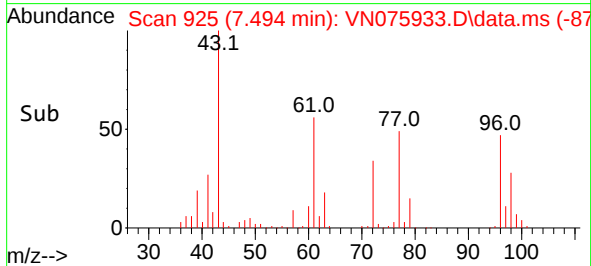
98 62.9 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 46.660 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

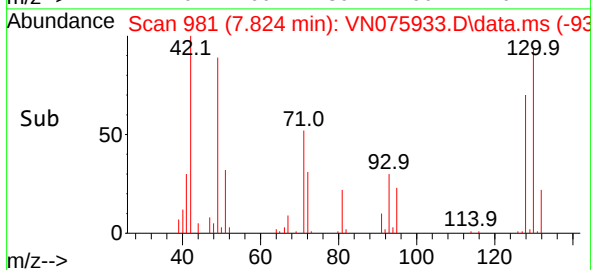
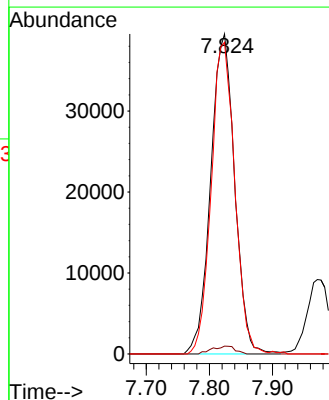
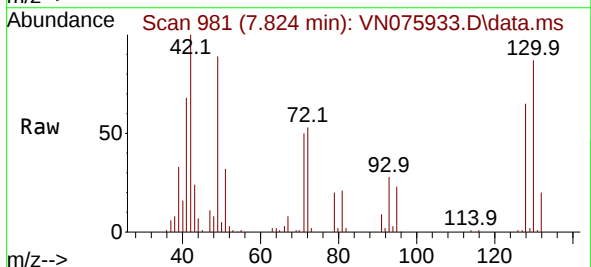
Tgt Ion: 49 Resp: 104384

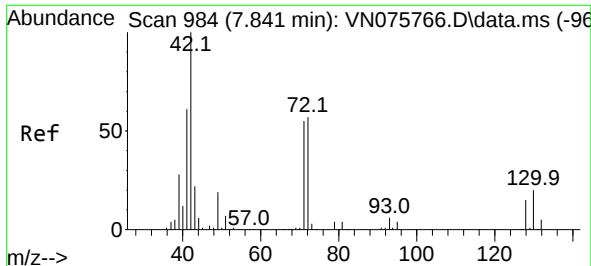
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 95.2 77.0 115.4





#29

Tetrahydrofuran

Concen: 276.951 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075933.D

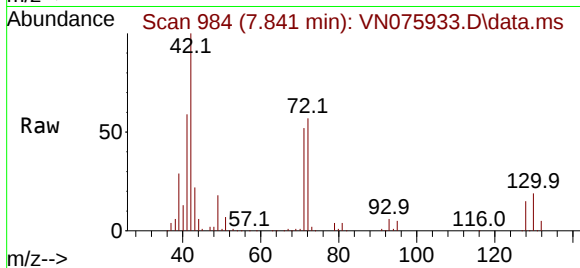
Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



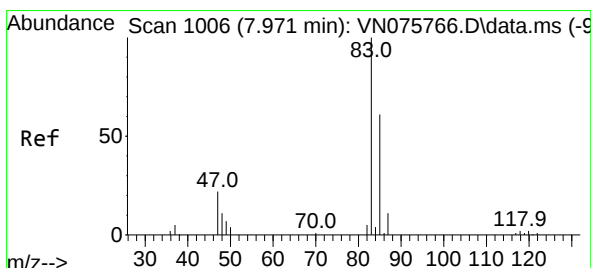
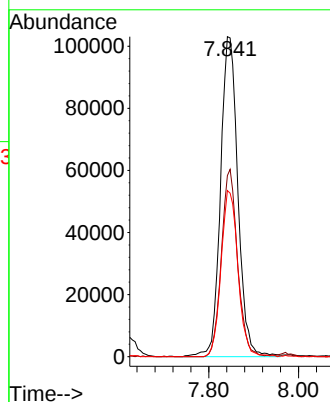
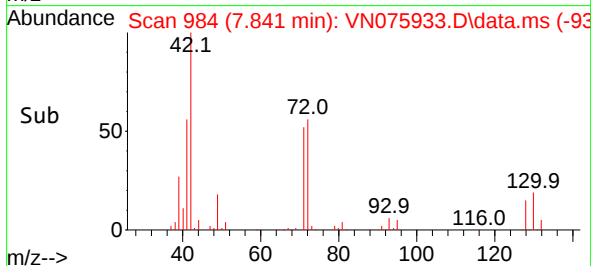
Tgt Ion:	42	Resp:	27712
Ion Ratio	100	Lower	Upper
42	100		
72	54.4	44.5	66.7
71	50.6	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#30

Chloroform

Concen: 51.476 ug/l

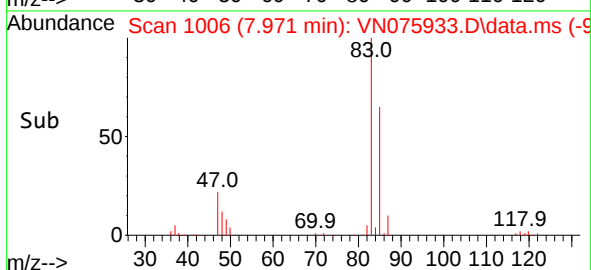
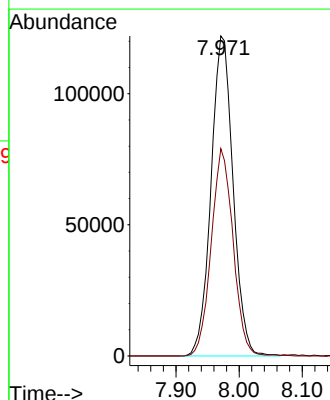
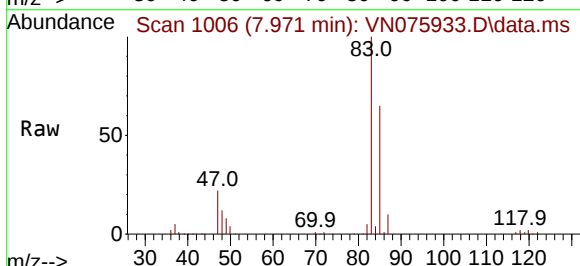
RT: 7.971 min Scan# 1006

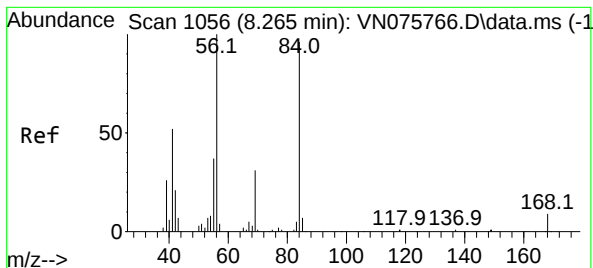
Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

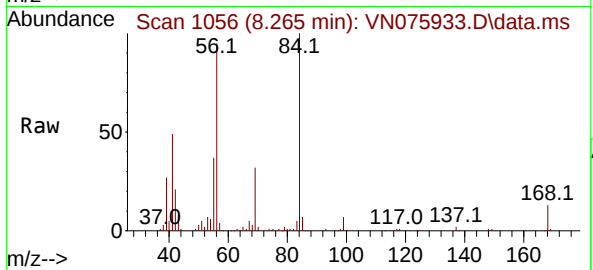
Tgt Ion:	83	Resp:	295817
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	49.1	73.7





#31
Cyclohexane
Concen: 46.493 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

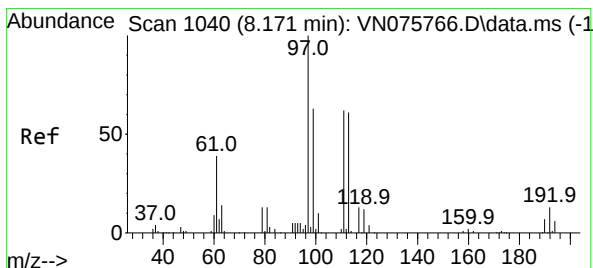
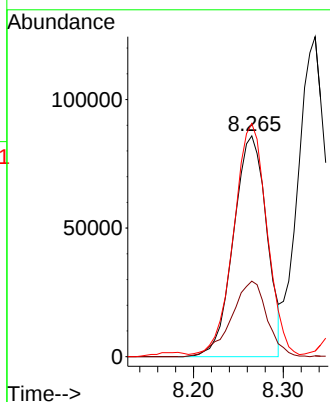
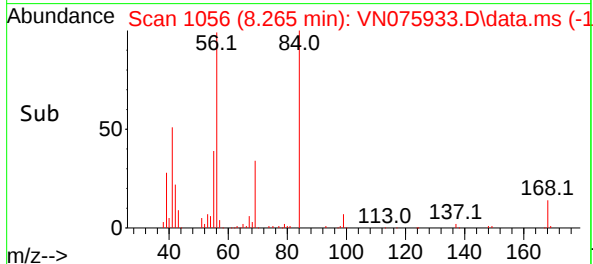
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



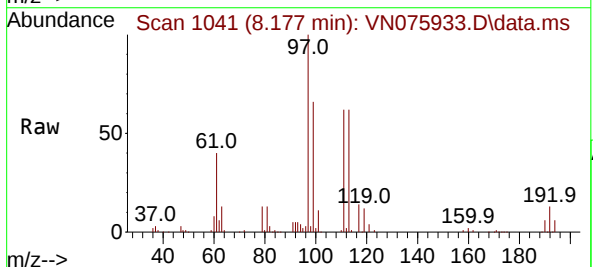
Tgt Ion: 56 Resp: 220274
Ion Ratio Lower Upper
56 100
69 34.2 24.7 37.1
84 103.6 76.5 114.7

Manual Integrations
APPROVED

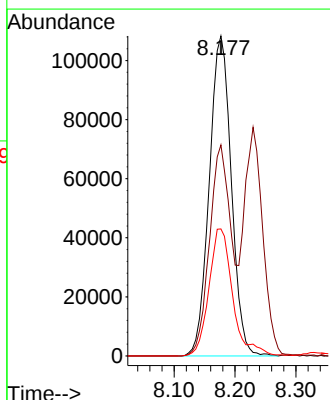
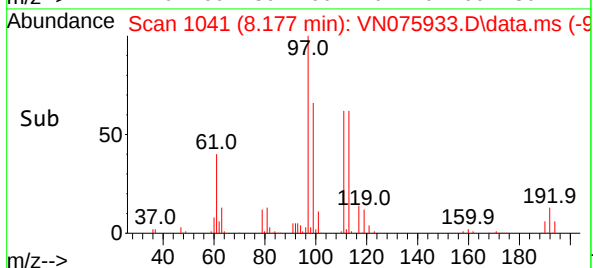
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

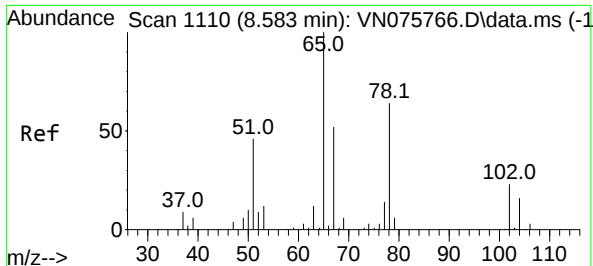


#32
1,1,1-Trichloroethane
Concen: 53.431 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40



Tgt Ion: 97 Resp: 272221
Ion Ratio Lower Upper
97 100
99 66.4 50.2 75.2
61 42.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.030 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 17542

Ion Ratio Lower Upper

65 100

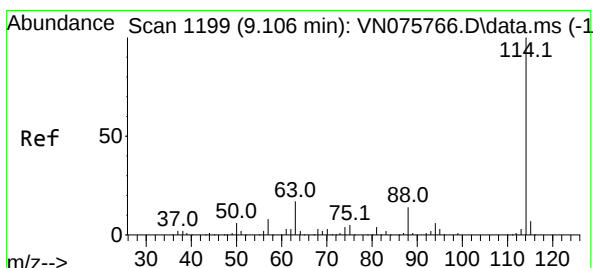
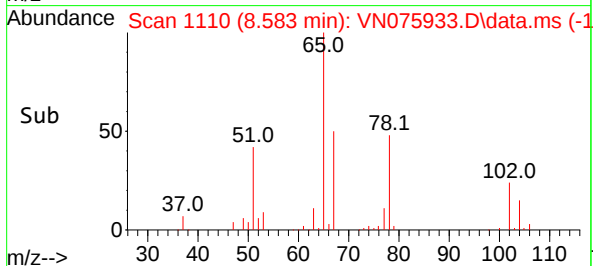
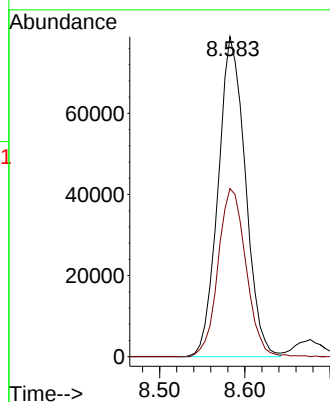
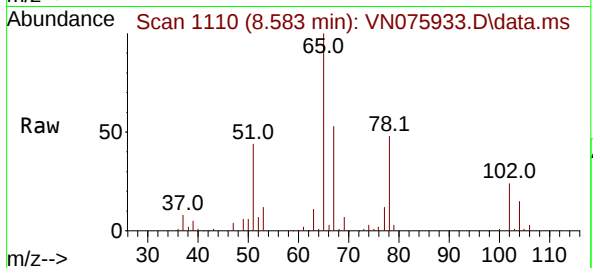
67 53.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

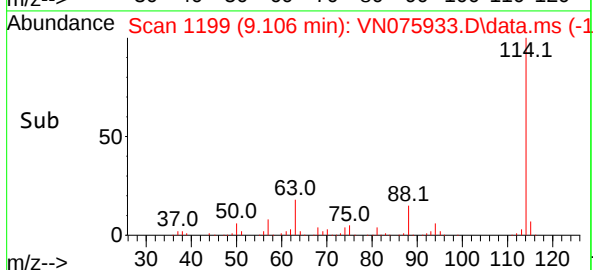
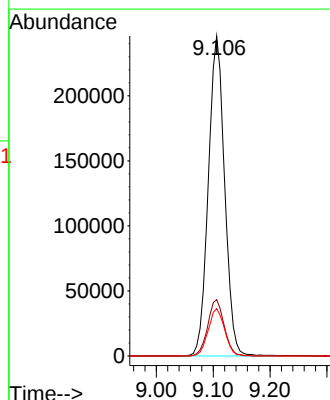
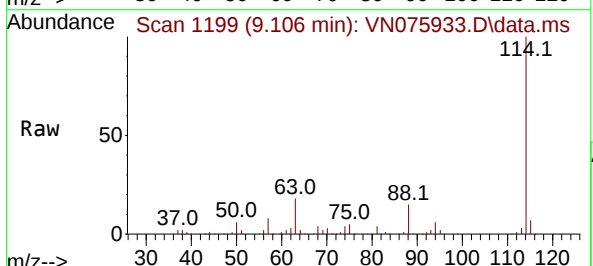
Tgt Ion:114 Resp: 488478

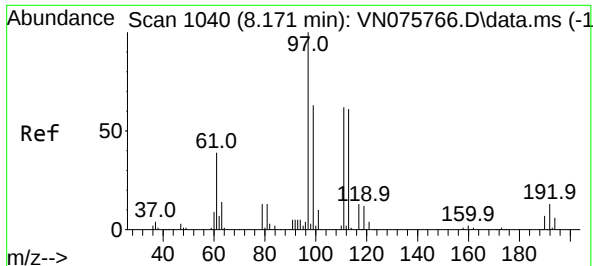
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.630 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 162234

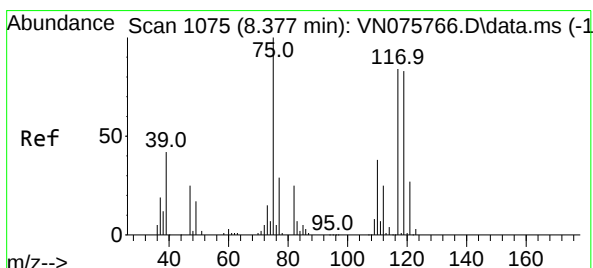
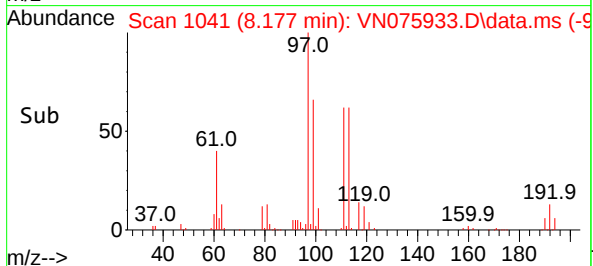
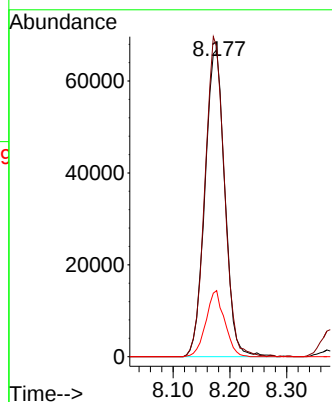
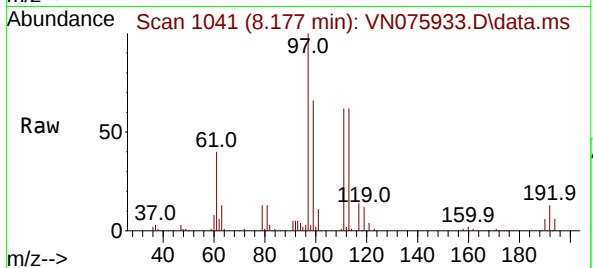
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.4	125.2
192	20.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#36

1,1-Dichloropropene

Concen: 52.574 ug/l

RT: 8.377 min Scan# 1075

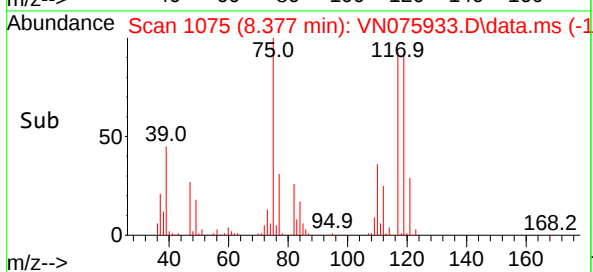
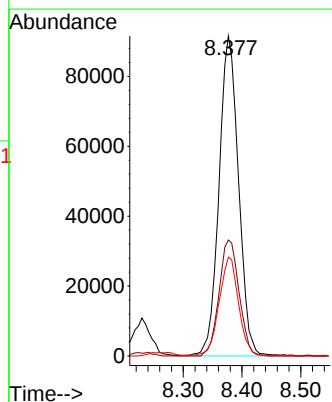
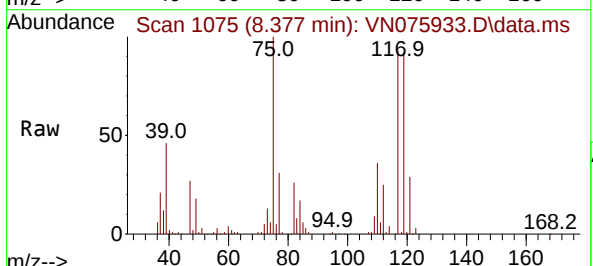
Delta R.T. 0.000 min

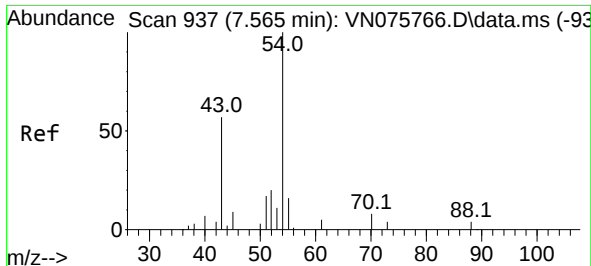
Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Tgt Ion: 75 Resp: 211268

Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.8	56.4
77	30.8	24.1	36.1





#37

Ethyl Acetate

Concen: 54.419 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

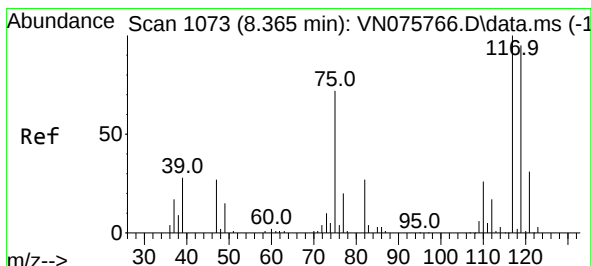
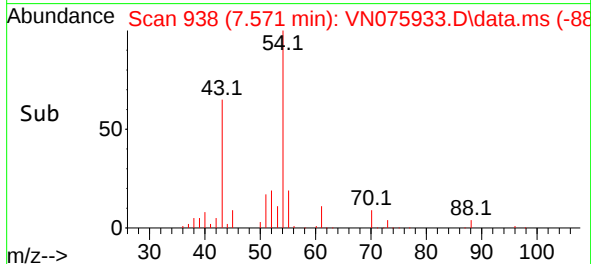
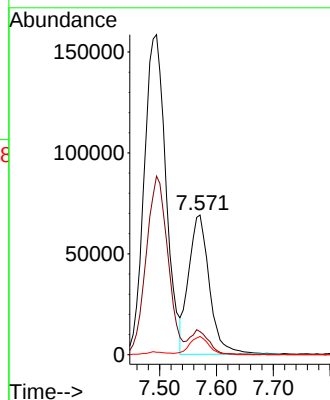
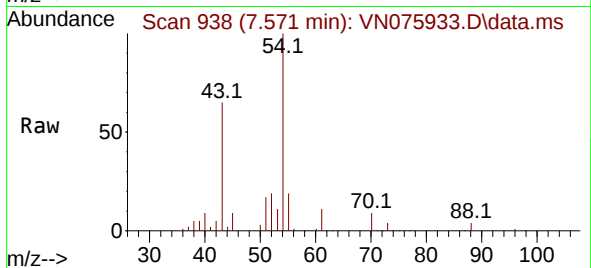
VSTDCCC050EC

Tgt Ion: 43 Resp: 17565
 Ion Ratio Lower Upper
 43 100
 61 14.8 13.0 19.4
 70 12.3 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#38

Carbon Tetrachloride

Concen: 52.461 ug/l

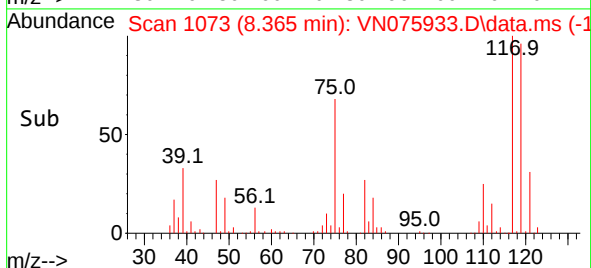
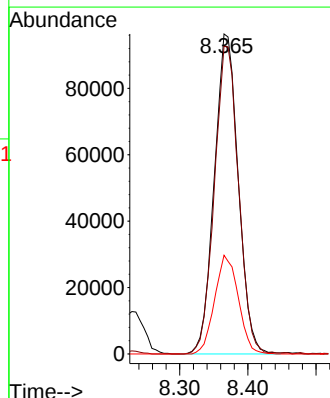
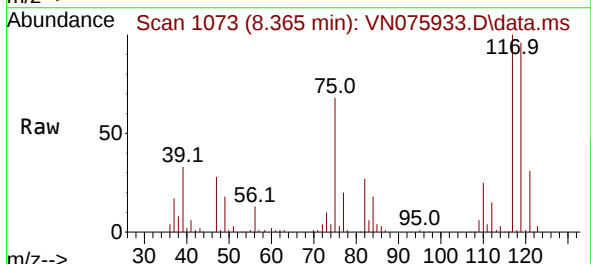
RT: 8.365 min Scan# 1073

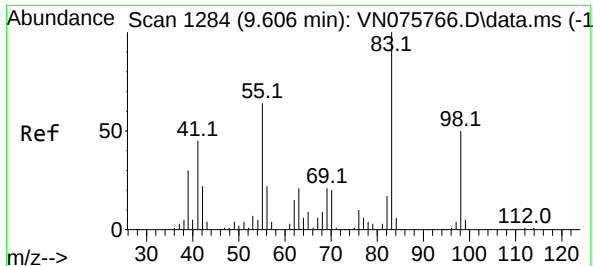
Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Tgt Ion:117 Resp: 235950
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.1 114.1
 121 30.9 24.5 36.7





#39

Methylcyclohexane

Concen: 54.785 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 265599

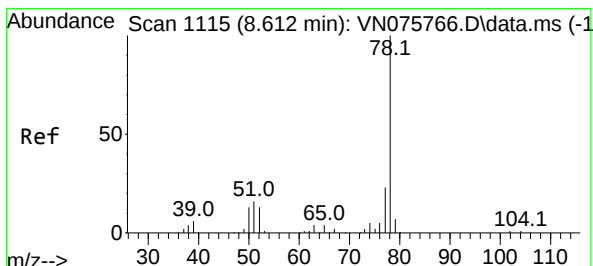
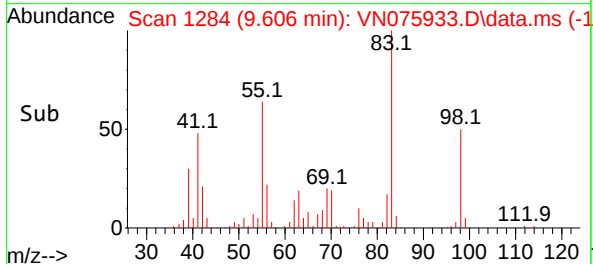
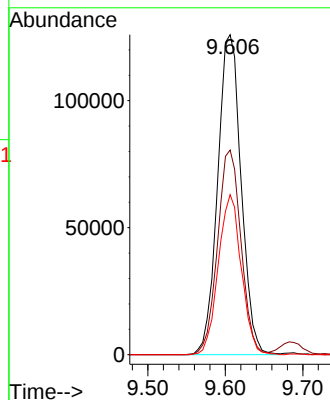
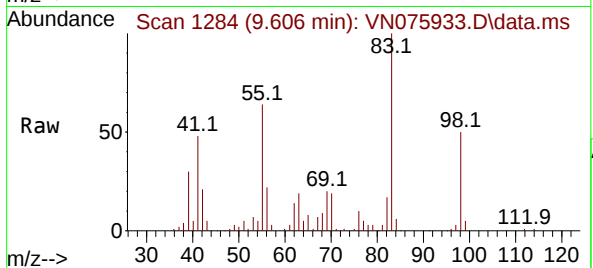
Ion	Ratio	Lower	Upper
83	100		
55	63.9	51.4	77.0
98	50.0	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#40

Benzene

Concen: 52.073 ug/l

RT: 8.612 min Scan# 1115

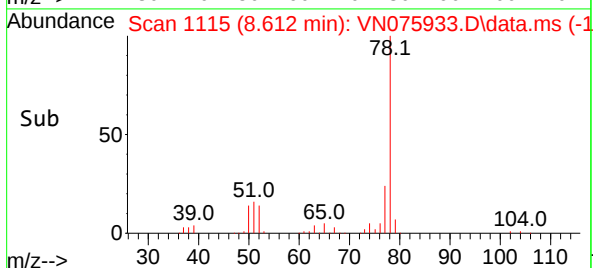
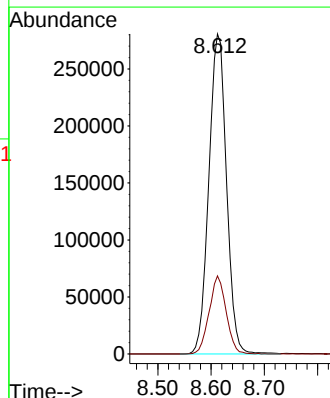
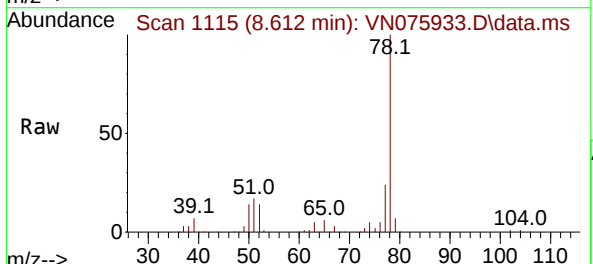
Delta R.T. 0.000 min

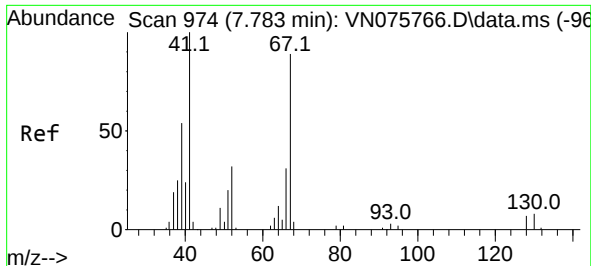
Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Tgt Ion: 78 Resp: 645625

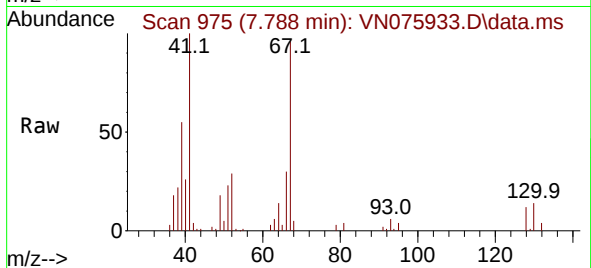
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.5	27.7





#41
Methacrylonitrile
Concen: 55.579 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

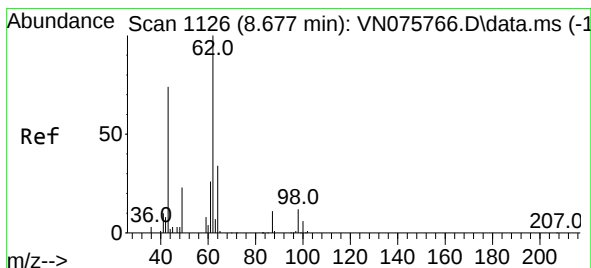
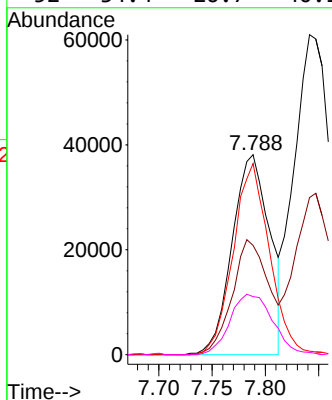
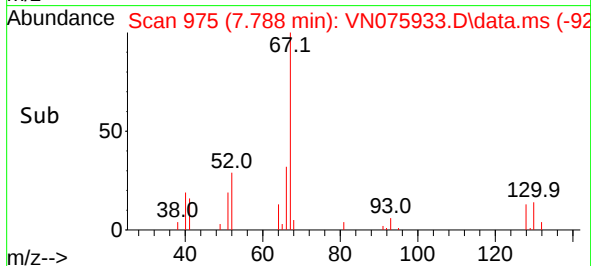
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9325
Ion Ratio Lower Upper
41 100
39 55.7 43.1 64.7
67 93.4 70.7 106.1
52 34.4 26.7 40.1

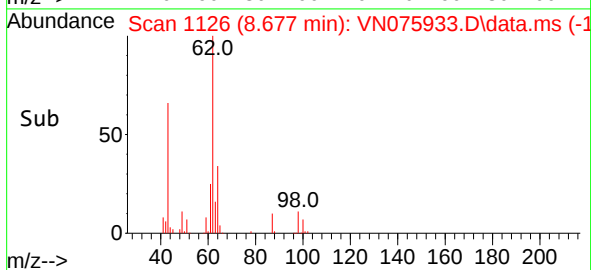
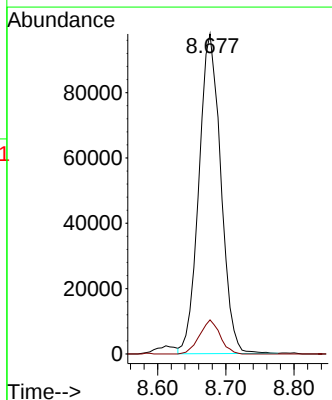
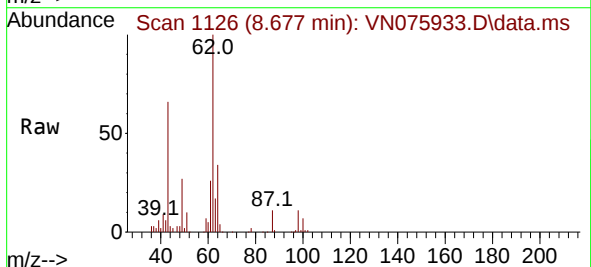
Manual Integrations
APPROVED

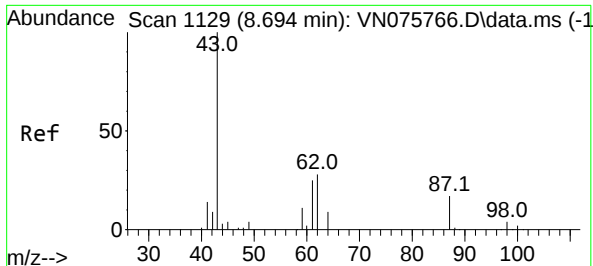
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 52.986 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 62 Resp: 218407
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8





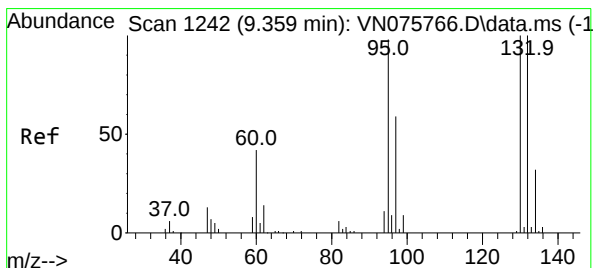
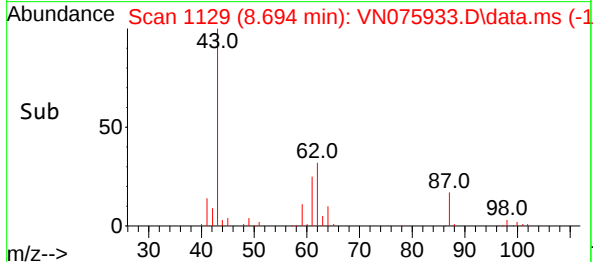
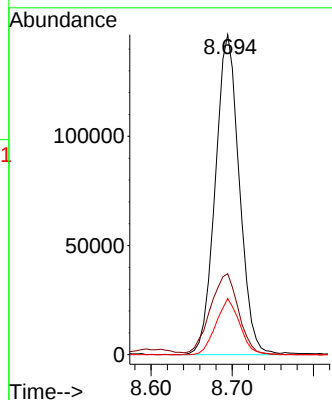
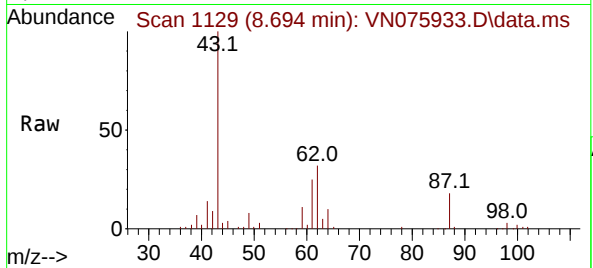
#43
Isopropyl Acetate
Concen: 56.615 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30145
Ion Ratio Lower Upper
43 100
61 29.9 24.2 36.4
87 17.3 13.3 19.9

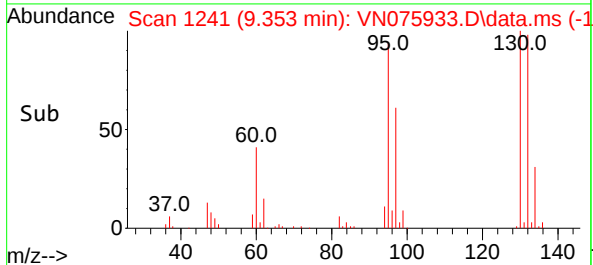
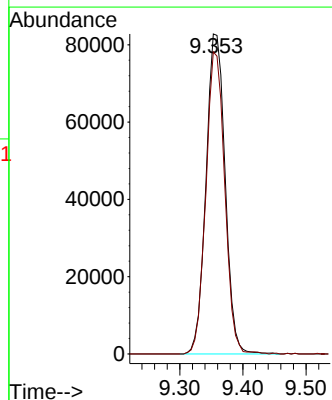
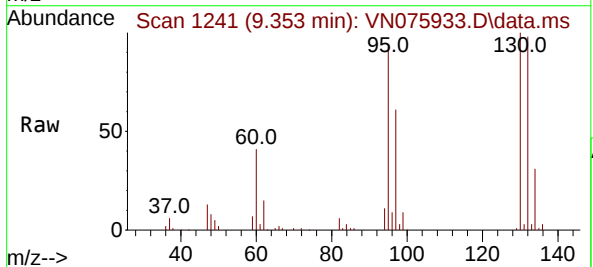
Manual Integrations
APPROVED

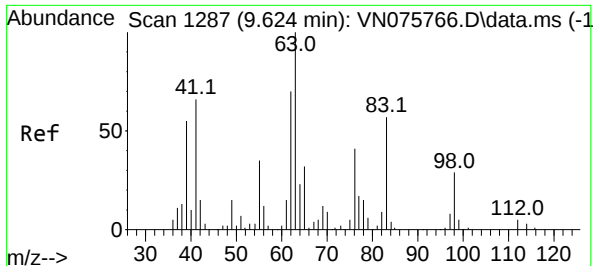
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 49.846 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:130 Resp: 174106
Ion Ratio Lower Upper
130 100
95 94.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 52.005 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 156904

Ion Ratio Lower Upper

63 100

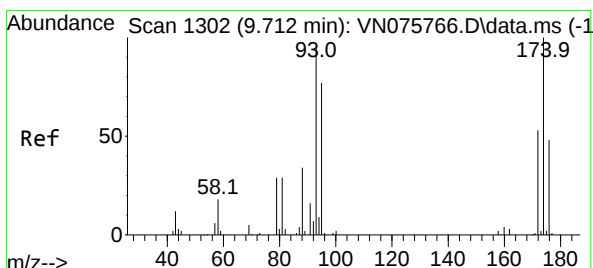
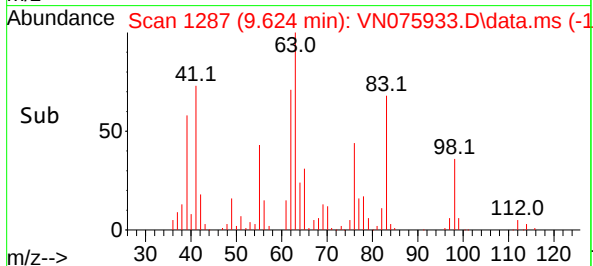
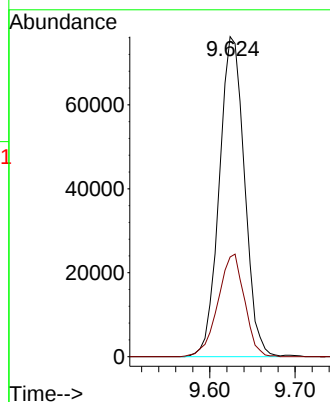
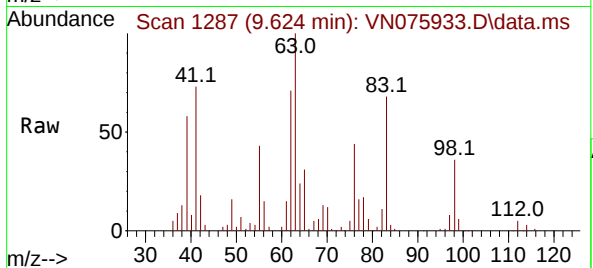
65 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 51.730 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

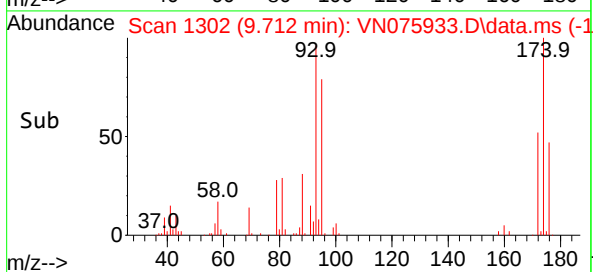
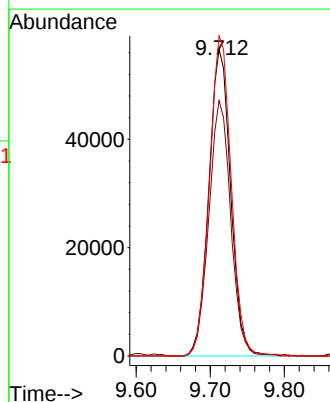
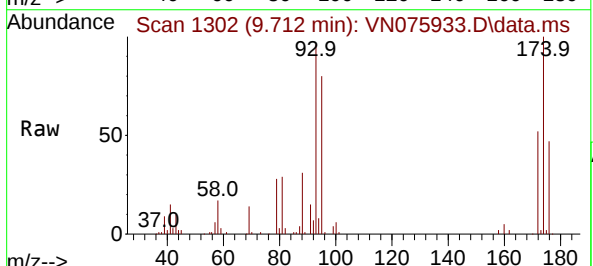
Tgt Ion: 93 Resp: 115761

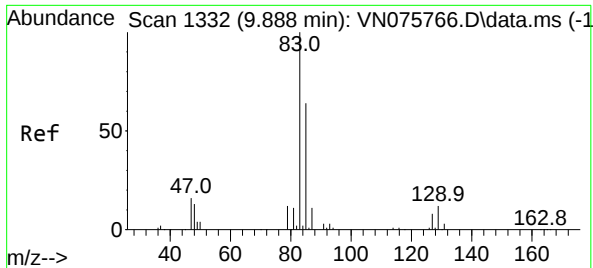
Ion Ratio Lower Upper

93 100

95 83.7 65.2 97.8

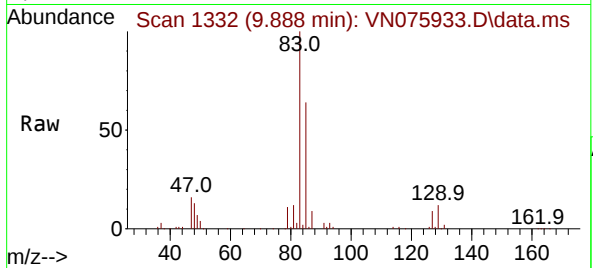
174 104.4 82.4 123.6





#47
Bromodichloromethane
Concen: 53.817 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

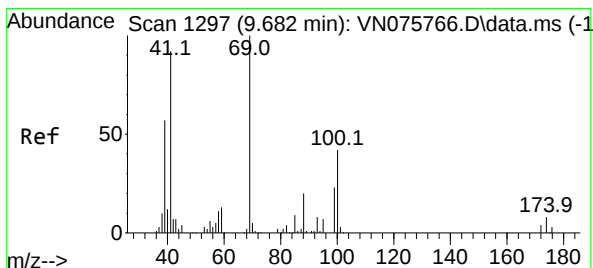
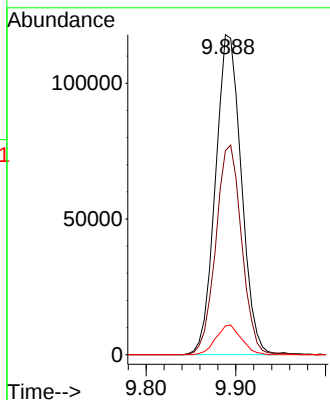
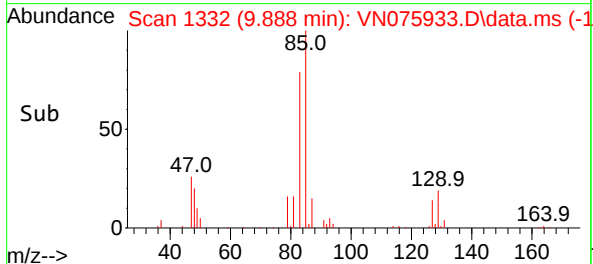
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 236169
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3
127 9.0 6.6 10.0

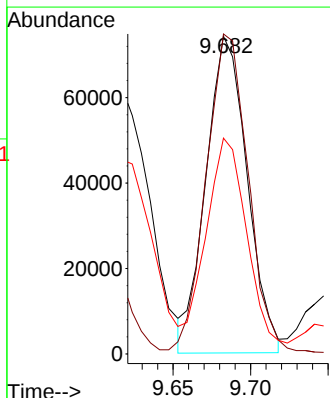
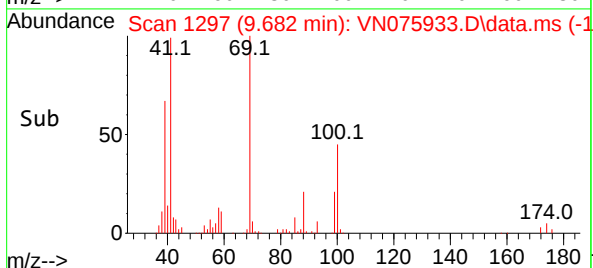
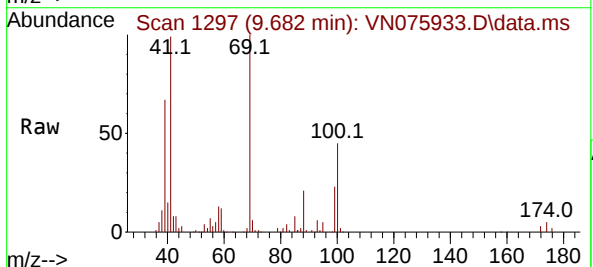
Manual Integrations
APPROVED

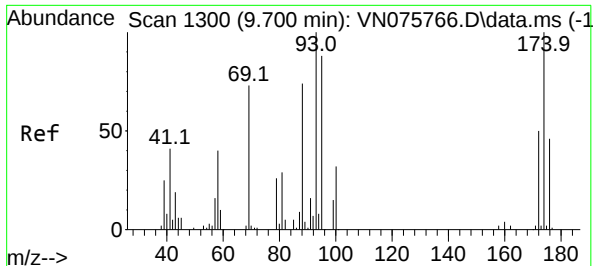
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#48
Methyl methacrylate
Concen: 57.281 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 41 Resp: 137369
Ion Ratio Lower Upper
41 100
69 103.5 81.9 122.9
39 69.3 51.6 77.4





#49

1,4-Dioxane

Concen: 1044.238 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6156

Ion Ratio Lower Upper

88 100

43 26.8 17.1 25.7

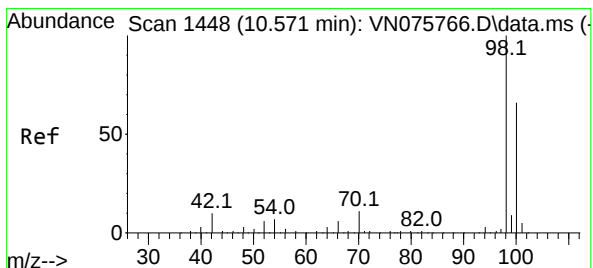
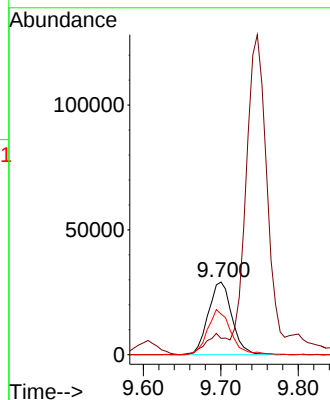
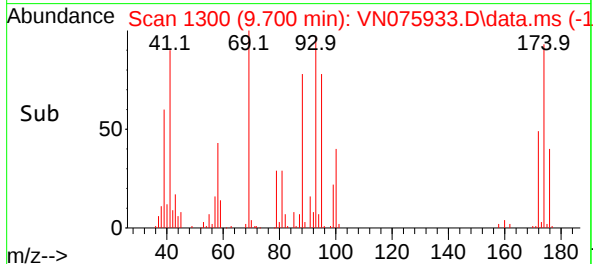
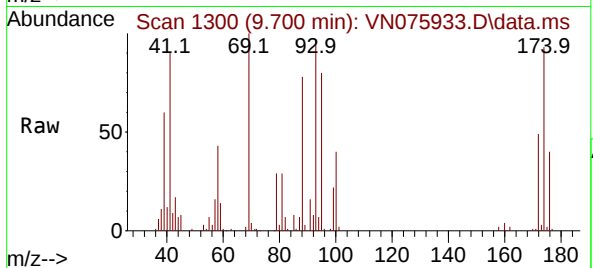
58 61.5 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 53.661 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075933.D

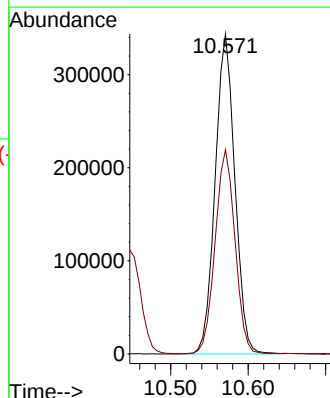
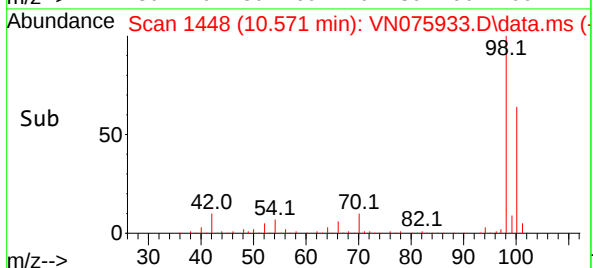
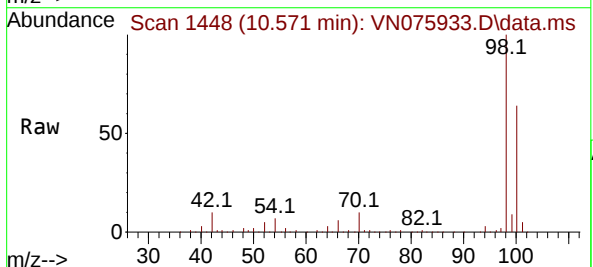
Acq: 21 Dec 2022 20:40

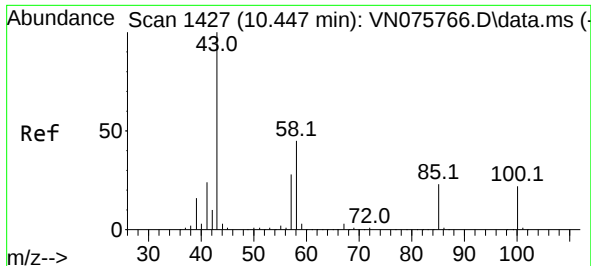
Tgt Ion: 98 Resp: 606931

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1





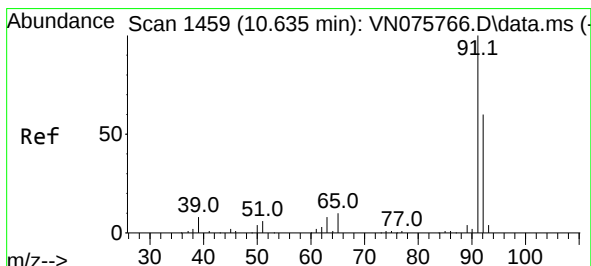
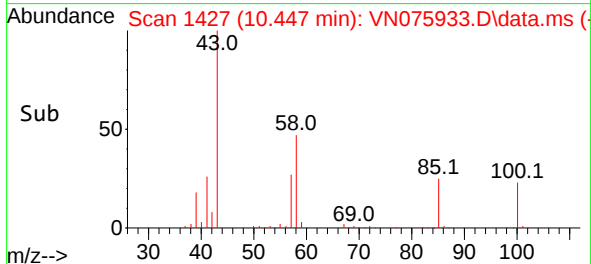
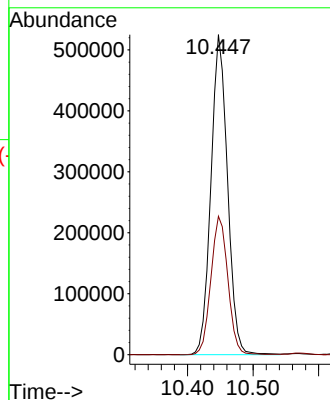
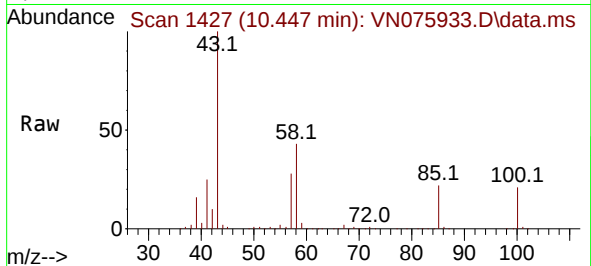
#51
4-Methyl-2-Pentanone
Concen: 286.117 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 921320
Ion Ratio Lower Upper
43 100
58 44.2 35.5 53.3

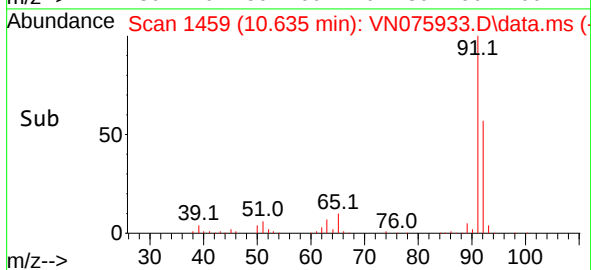
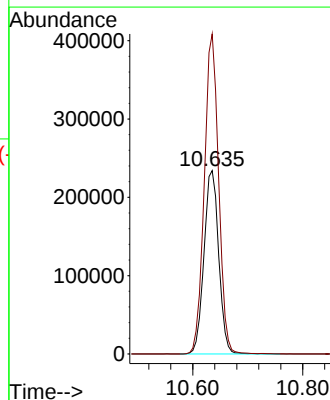
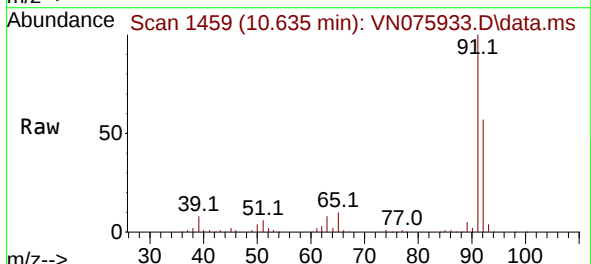
Manual Integrations
APPROVED

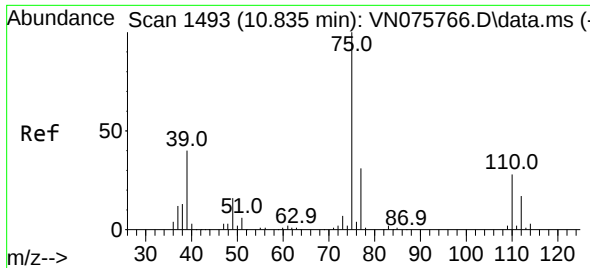
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 53.879 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 92 Resp: 435061
Ion Ratio Lower Upper
92 100
91 169.8 137.3 205.9





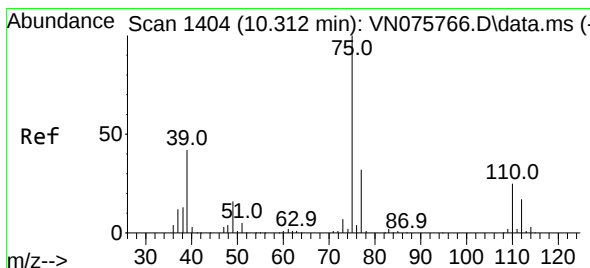
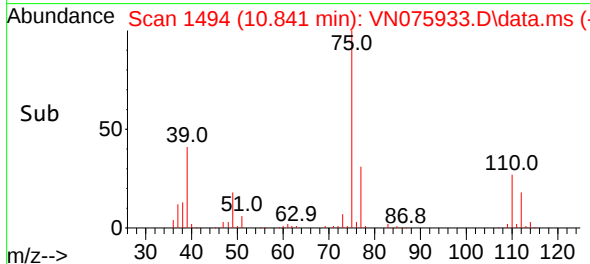
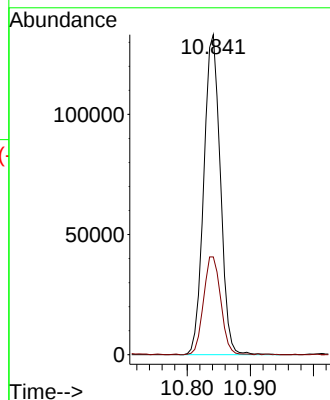
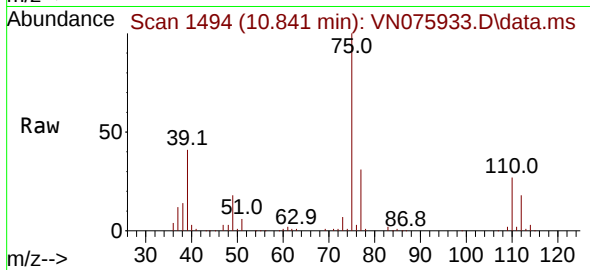
#53
t-1,3-Dichloropropene
Concen: 56.306 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 241870
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3

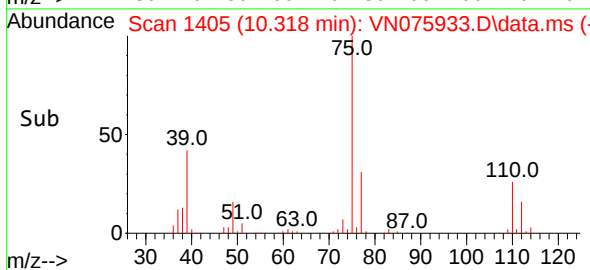
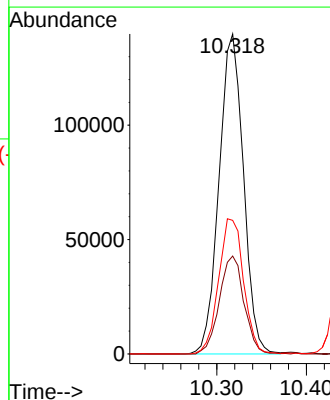
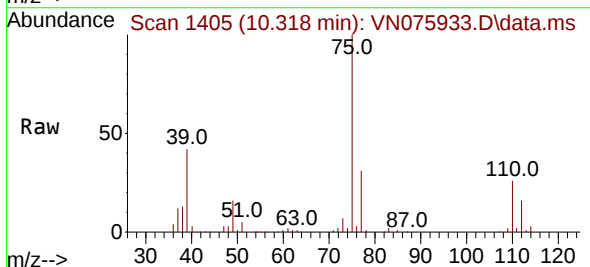
Manual Integrations
APPROVED

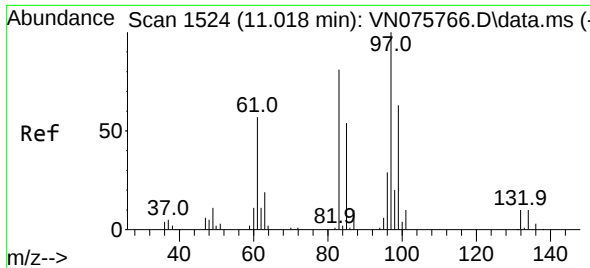
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#54
cis-1,3-Dichloropropene
Concen: 56.012 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

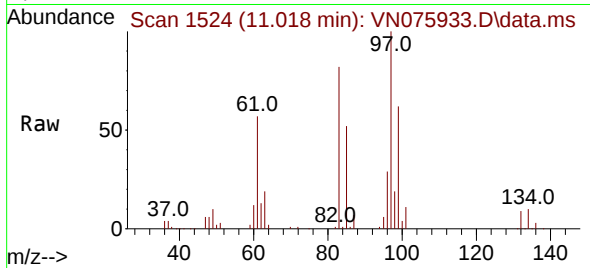
Tgt Ion: 75 Resp: 264183
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8
39 41.8 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 53.513 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

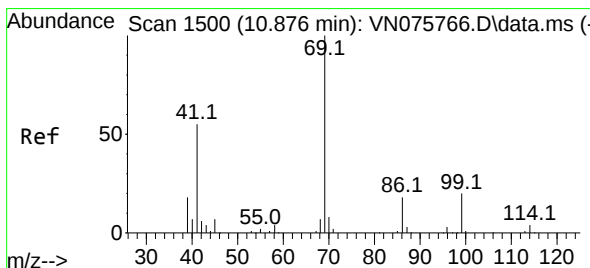
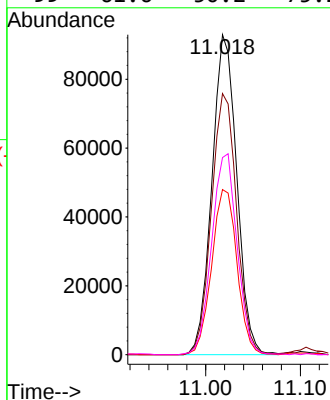
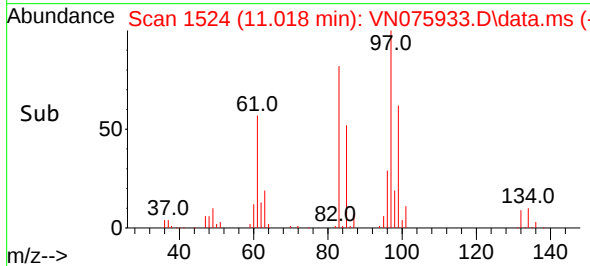
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



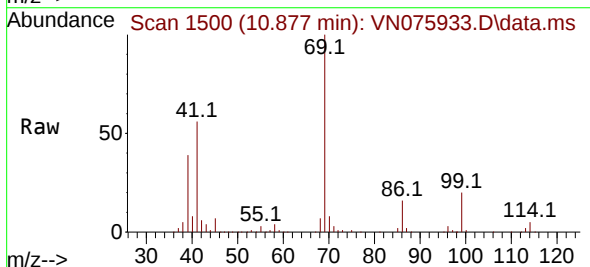
Tgt Ion: 97 Resp: 16960
Ion Ratio Lower Upper
97 100
83 81.6 65.0 97.4
85 51.6 43.0 64.6
99 61.6 50.2 75.2

Manual Integrations
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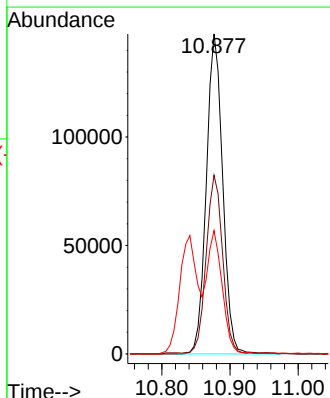
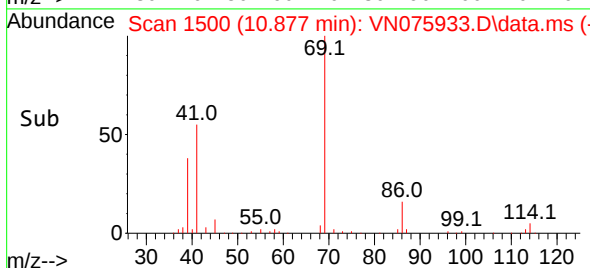
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

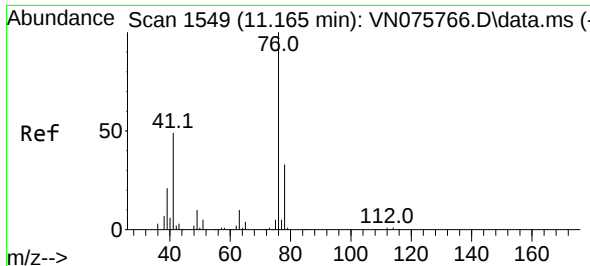


#56
Ethyl methacrylate
Concen: 58.390 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40



Tgt Ion: 69 Resp: 245814
Ion Ratio Lower Upper
69 100
41 55.7 44.2 66.4
39 35.4 26.4 39.6





#57

1,3-Dichloropropane

Concen: 52.860 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 274809

Ion Ratio Lower Upper

76 100

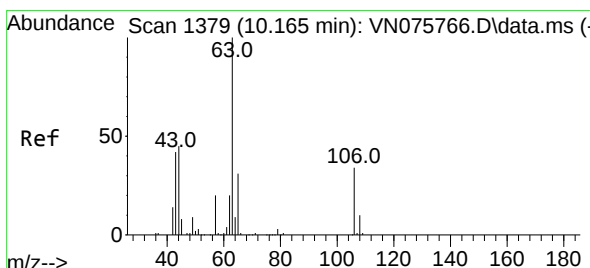
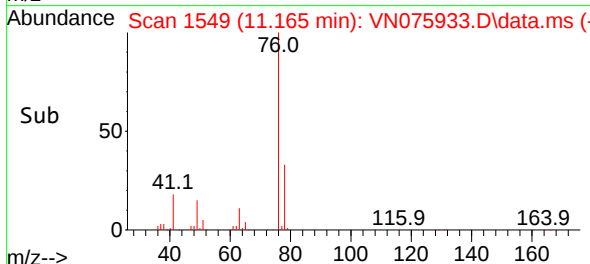
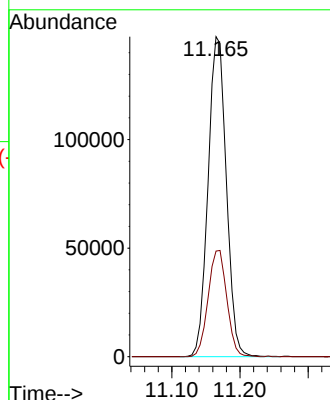
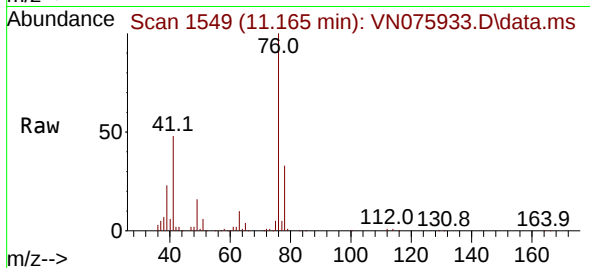
78 34.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 297.950 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075933.D

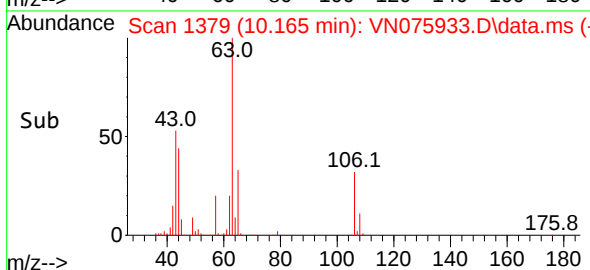
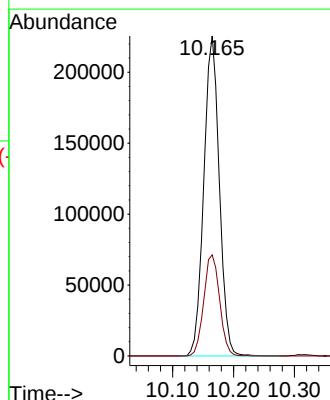
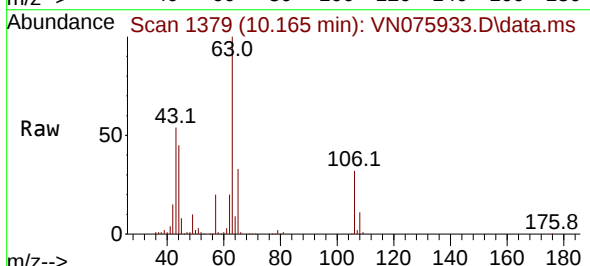
Acq: 21 Dec 2022 20:40

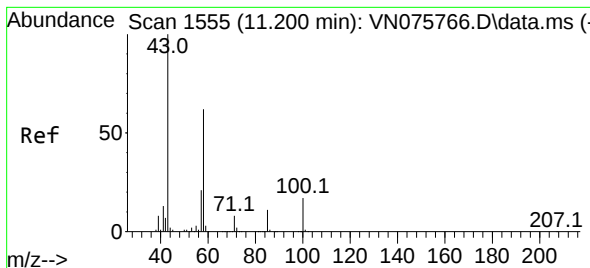
Tgt Ion: 63 Resp: 399353

Ion Ratio Lower Upper

63 100

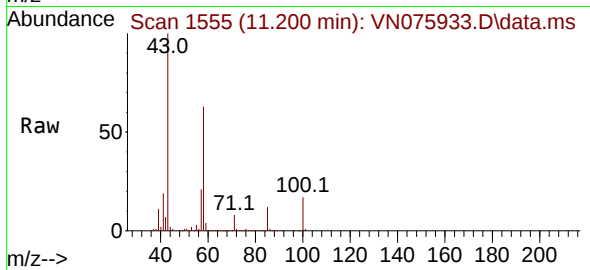
106 32.3 26.4 39.6





#59
2-Hexanone
Concen: 284.351 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

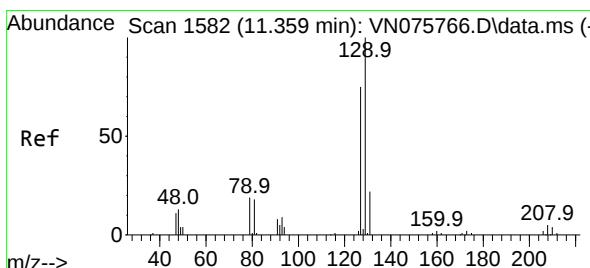
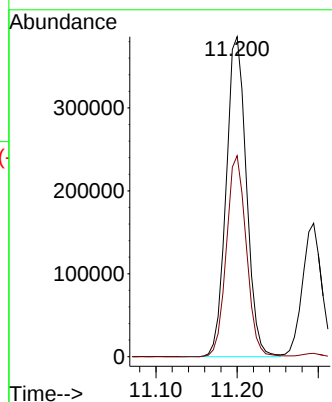
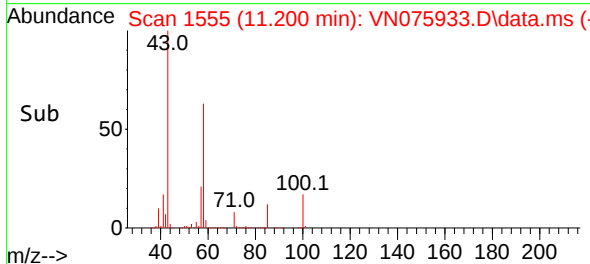
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 66774
Ion Ratio Lower Upper
43 100
58 61.8 30.6 92.0

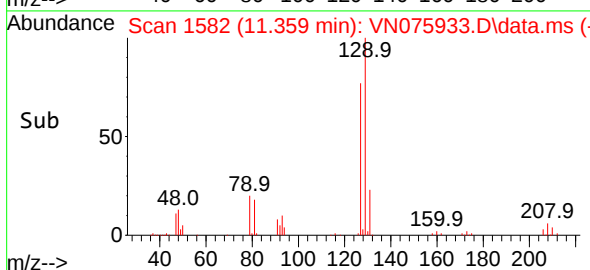
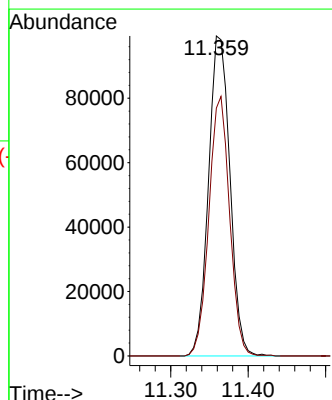
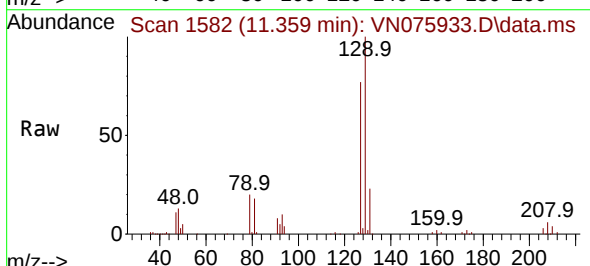
Manual Integrations
APPROVED

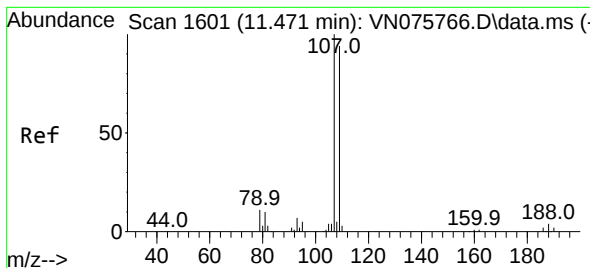
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#60
Dibromochloromethane
Concen: 54.109 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

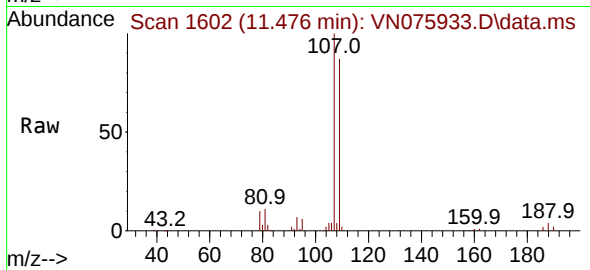
Tgt Ion:129 Resp: 190719
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 54.333 ug/l
RT: 11.476 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

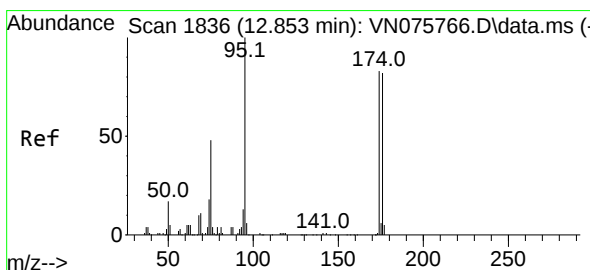
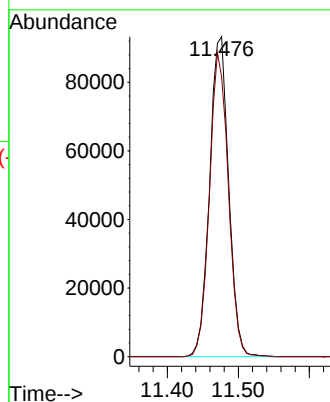
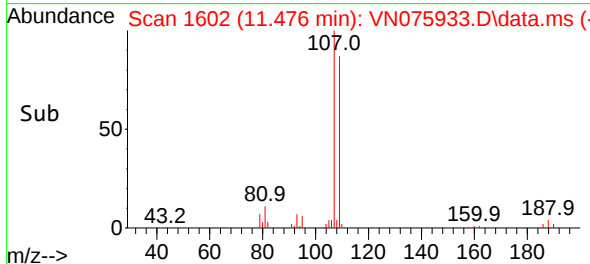
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



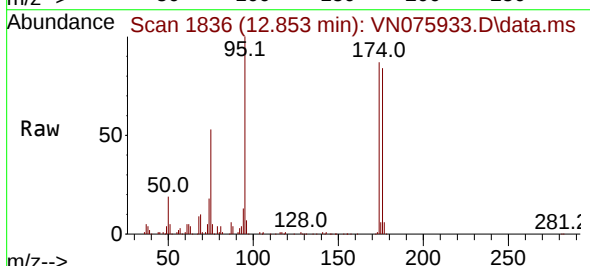
Tgt Ion:107 Resp: 17426
Ion Ratio Lower Upper
107 100
109 93.6 74.8 112.2

Manual Integrations
APPROVED

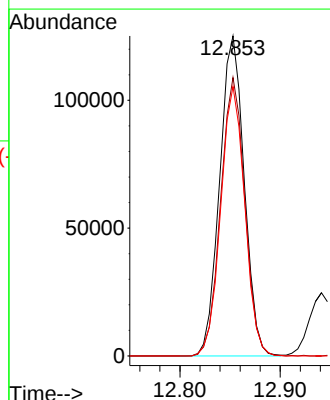
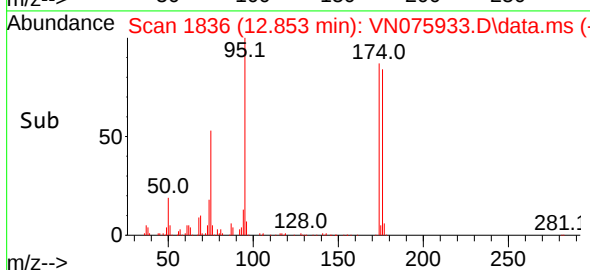
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

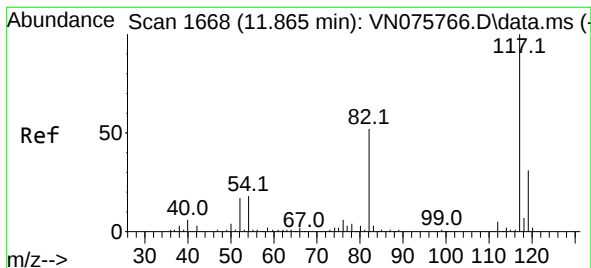


#62
4-Bromofluorobenzene
Concen: 56.612 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40



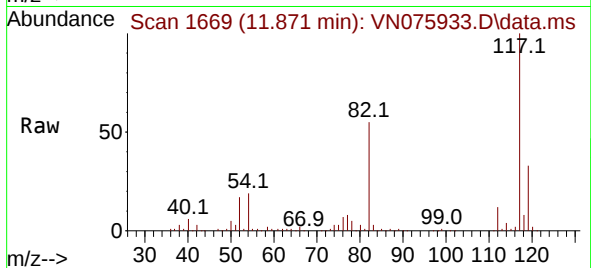
Tgt Ion: 95 Resp: 212077
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 82.5 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

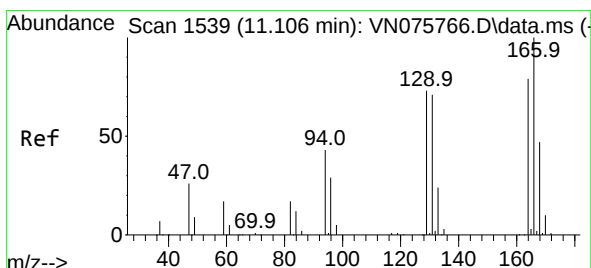
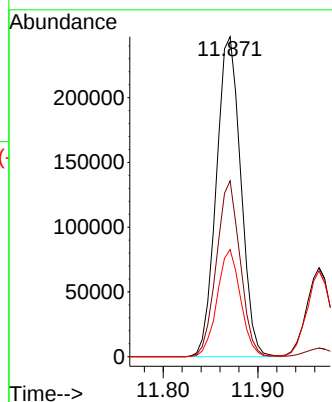
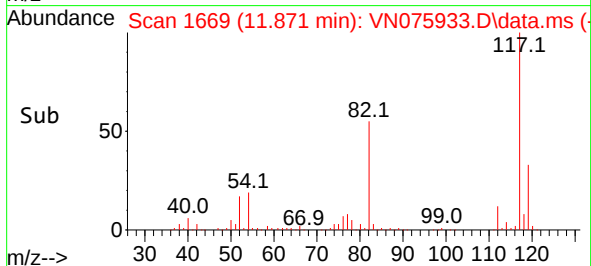
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



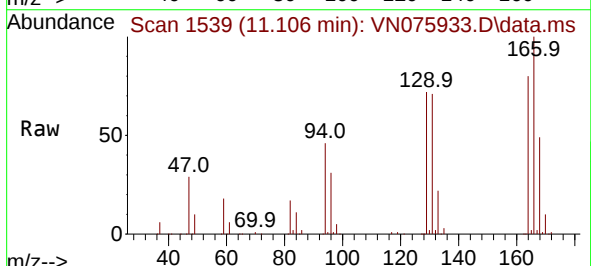
Tgt Ion:117 Resp: 444188
Ion Ratio Lower Upper
117 100
82 54.9 41.3 61.9
119 33.5 24.6 37.0

Manual Integrations
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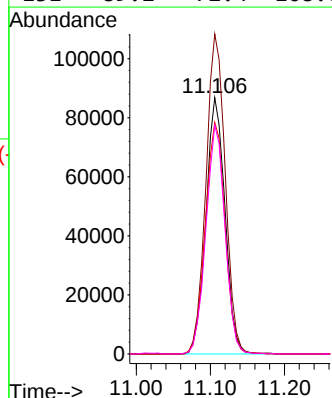
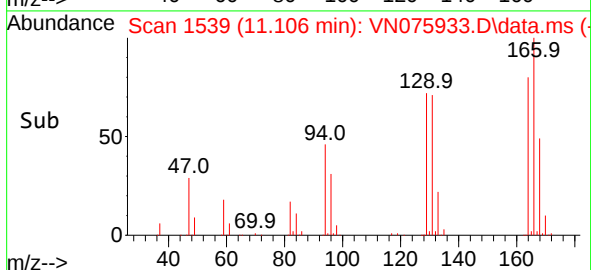
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

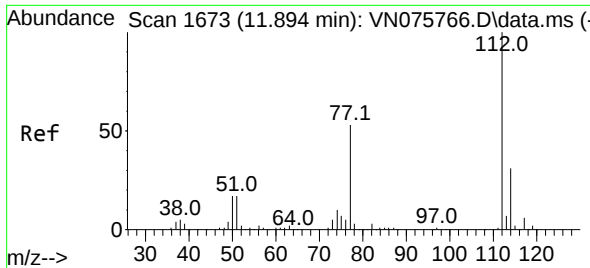


#64
Tetrachloroethene
Concen: 49.746 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40



Tgt Ion:164 Resp: 155489
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 90.3 74.2 111.2
131 89.2 72.4 108.6





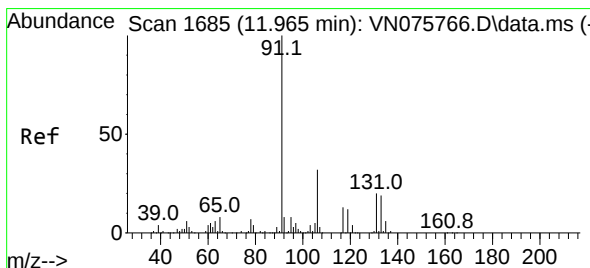
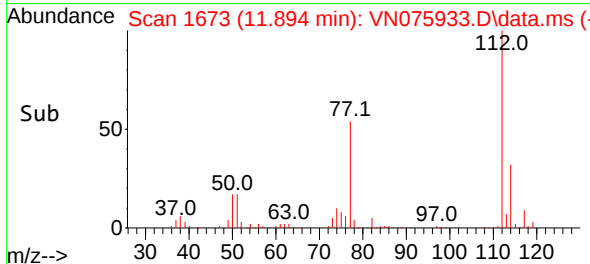
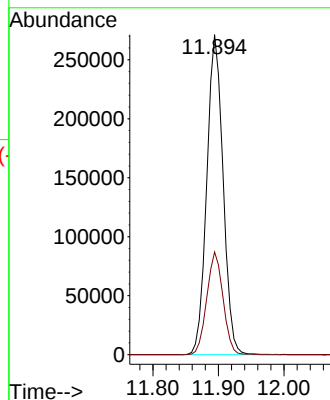
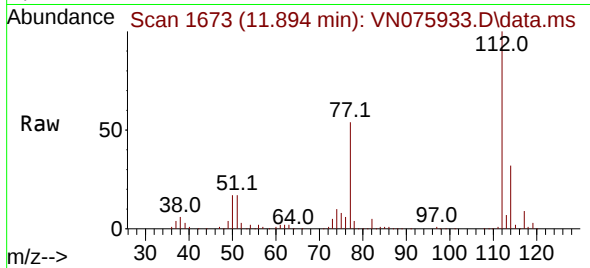
#65
Chlorobenzene
Concen: 51.392 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 468538
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1

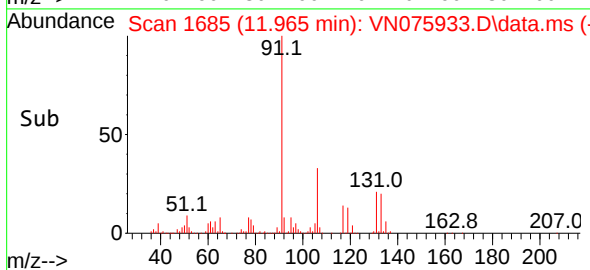
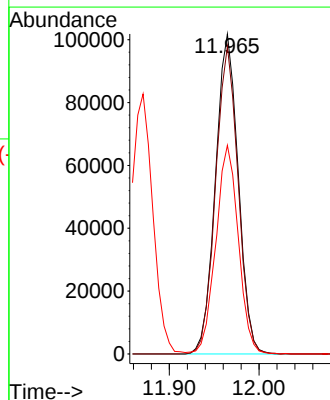
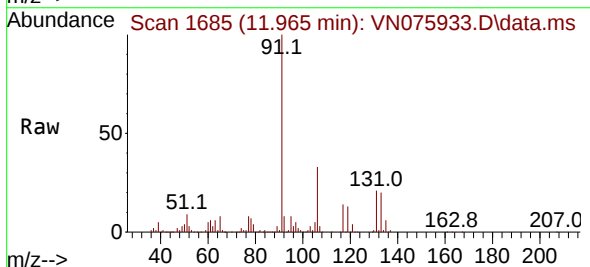
Manual Integrations
APPROVED

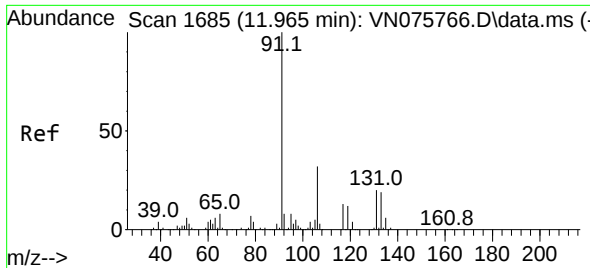
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.139 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:131 Resp: 179442
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 64.6 31.9 95.7





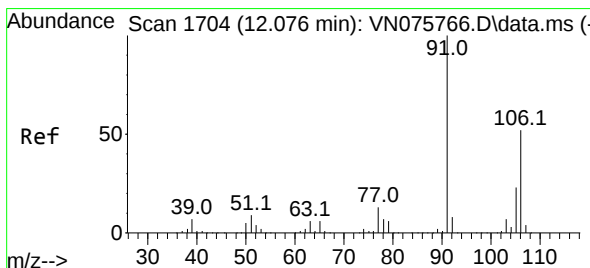
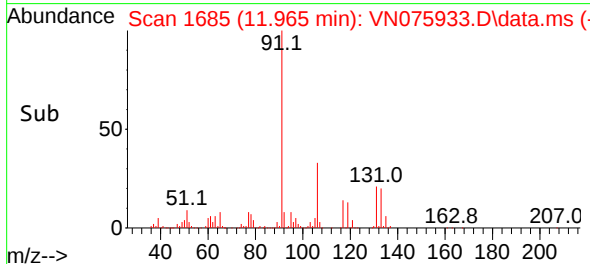
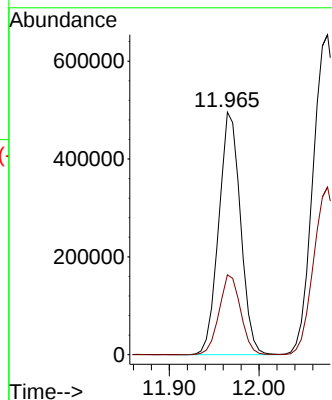
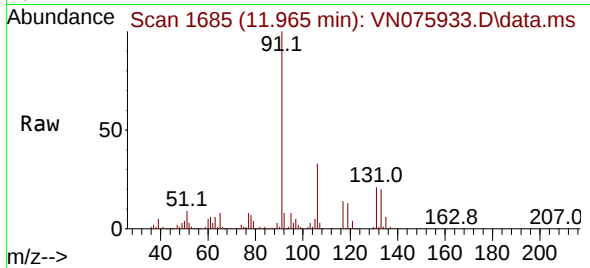
#67
Ethyl Benzene
Concen: 54.302 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 835540
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5

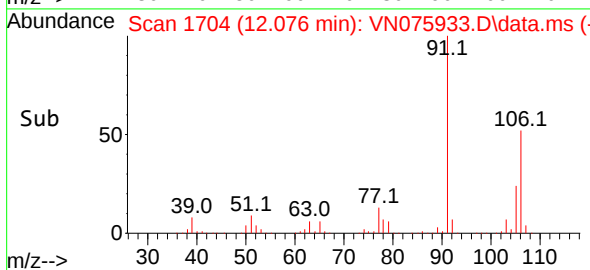
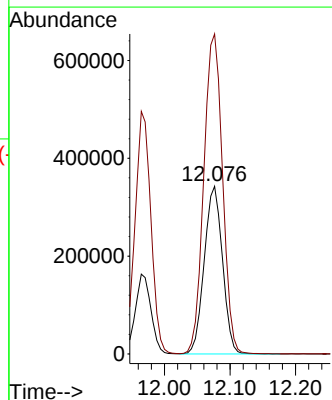
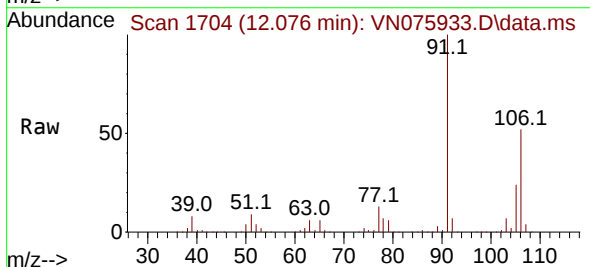
Manual Integrations
APPROVED

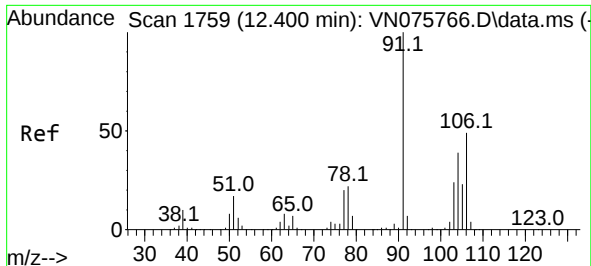
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#68
m/p-Xylenes
Concen: 108.849 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:106 Resp: 662904
Ion Ratio Lower Upper
106 100
91 196.0 156.6 235.0





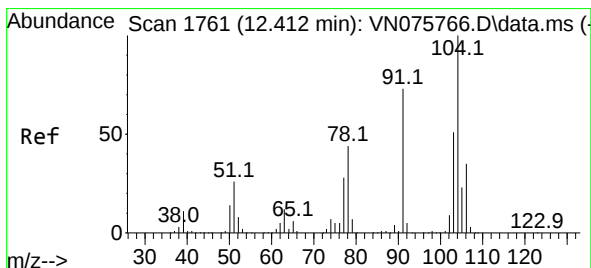
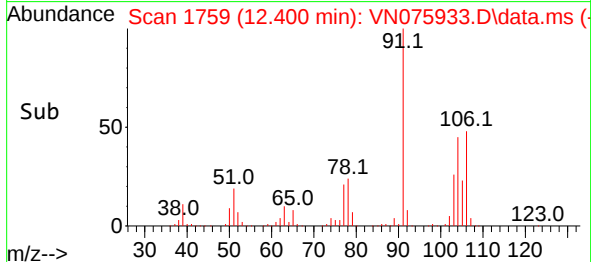
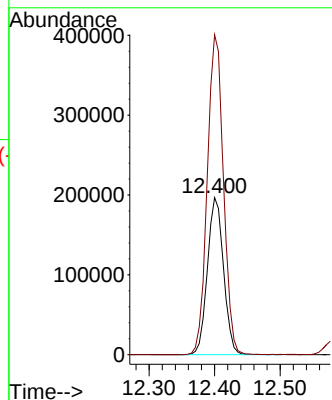
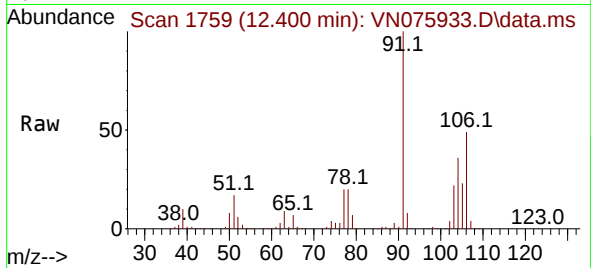
#69
o-Xylene
Concen: 55.753 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 336011
Ion Ratio Lower Upper
106 100
91 204.7 103.8 311.6

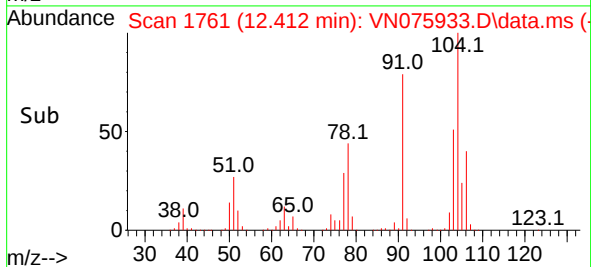
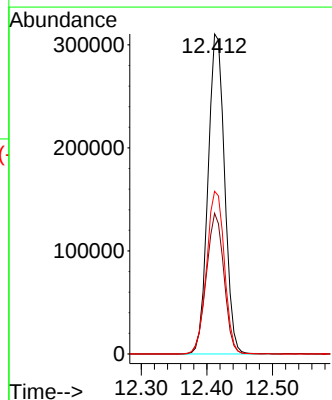
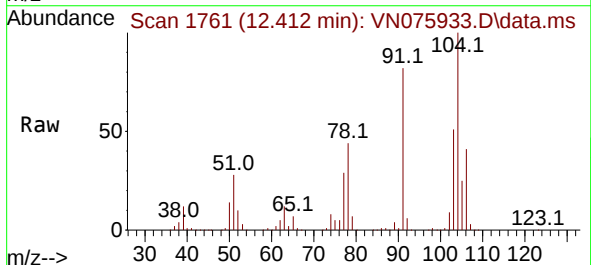
Manual Integrations
APPROVED

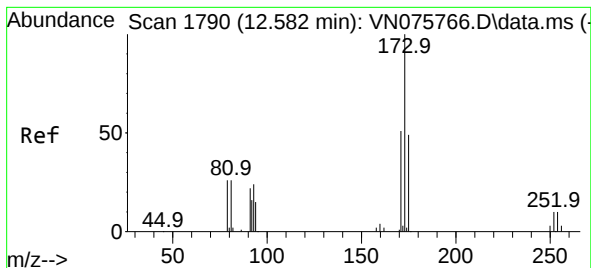
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 57.067 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:104 Resp: 546852
Ion Ratio Lower Upper
104 100
78 46.8 37.5 56.3
103 54.6 43.5 65.3





#71

Bromoform

Concen: 56.580 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 139028

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

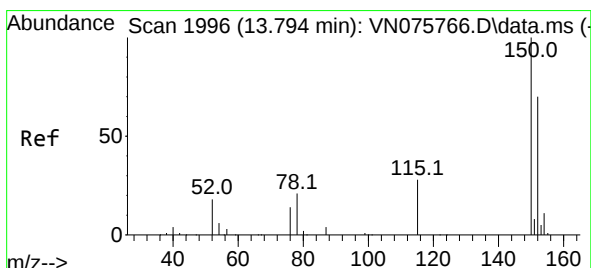
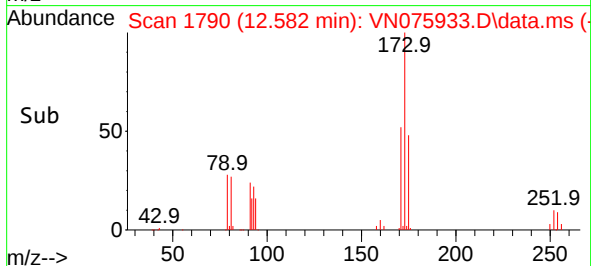
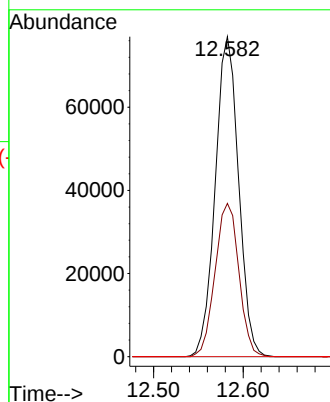
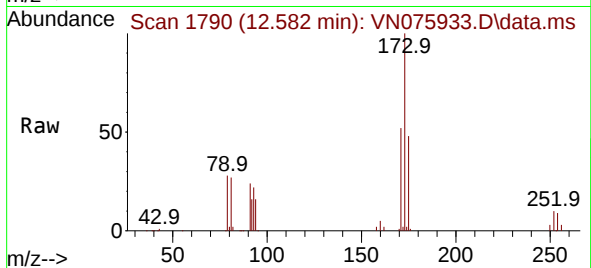
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

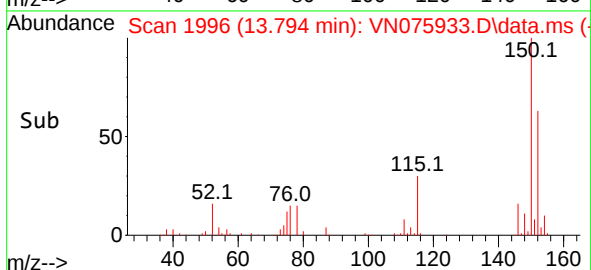
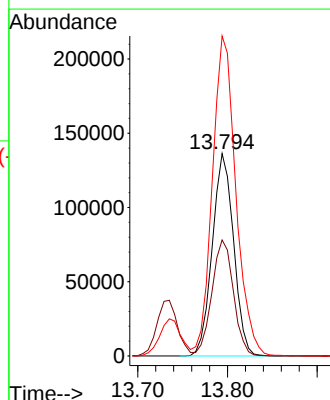
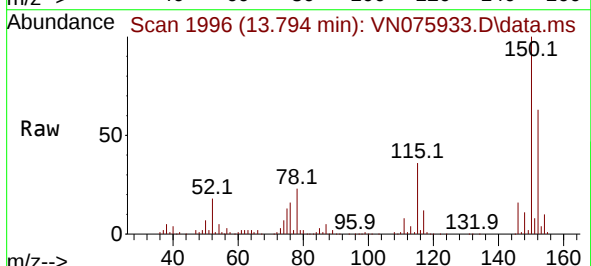
Tgt Ion:152 Resp: 224897

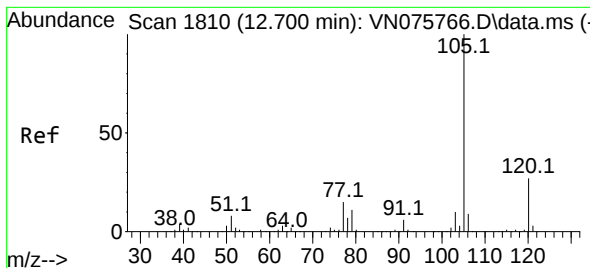
Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.4

150 174.3 0.0 347.0





#73

Isopropylbenzene

Concen: 53.312 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 866429

Ion Ratio Lower Upper

105 100

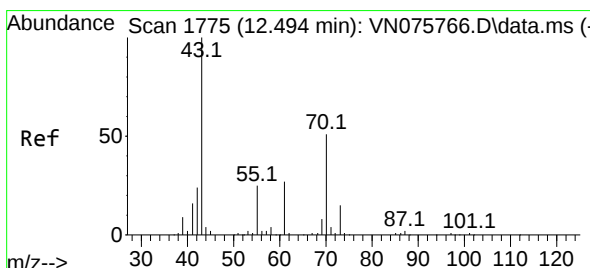
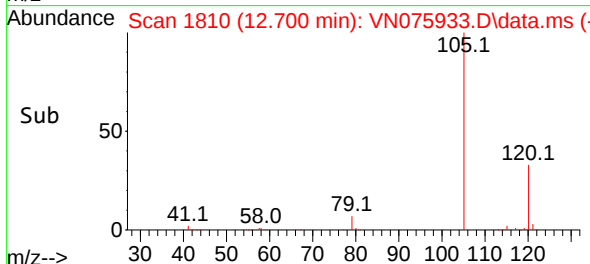
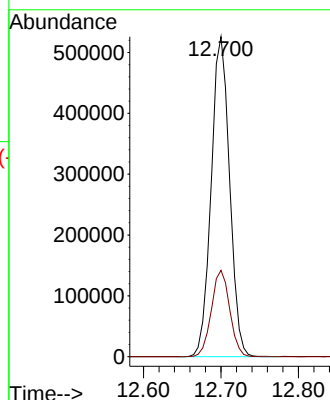
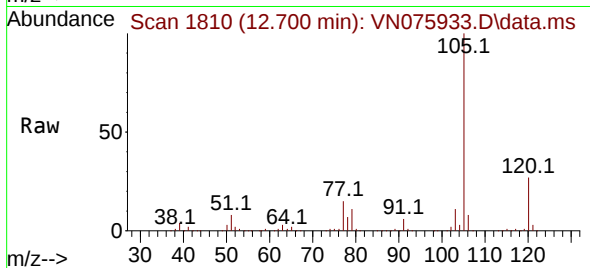
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#74

N-ethyl acetate

Concen: 57.681 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Tgt Ion: 43 Resp: 275012

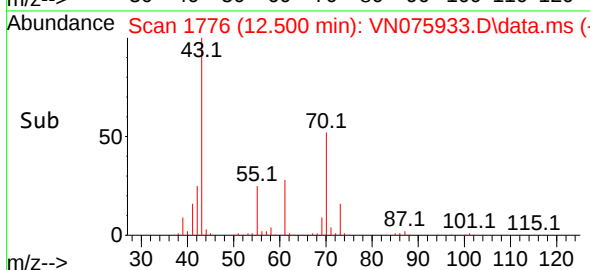
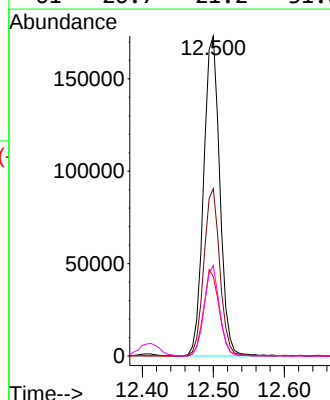
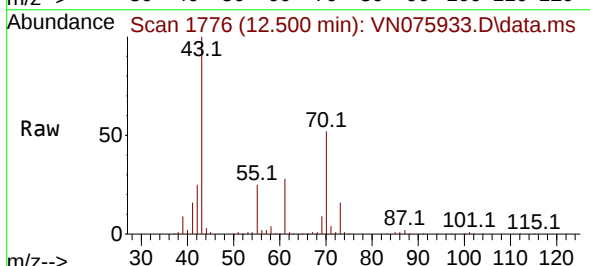
Ion Ratio Lower Upper

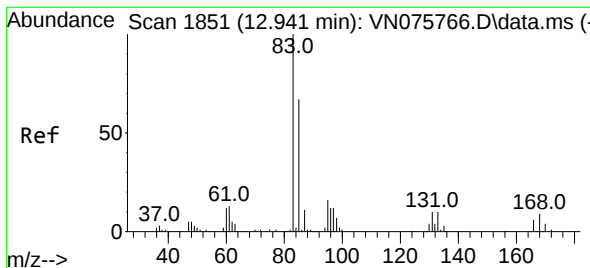
43 100

70 51.6 41.4 62.0

55 26.0 21.3 31.9

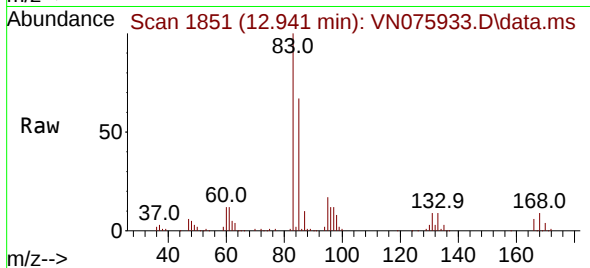
61 26.7 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.899 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

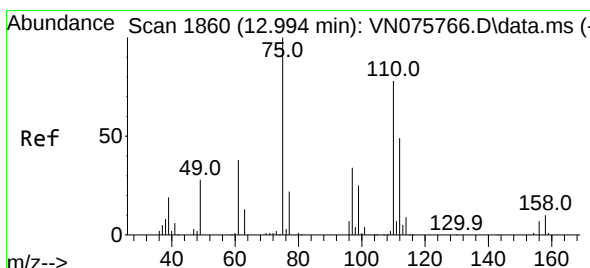
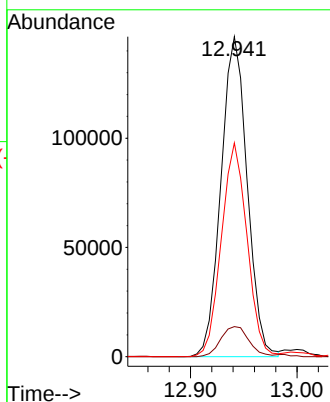
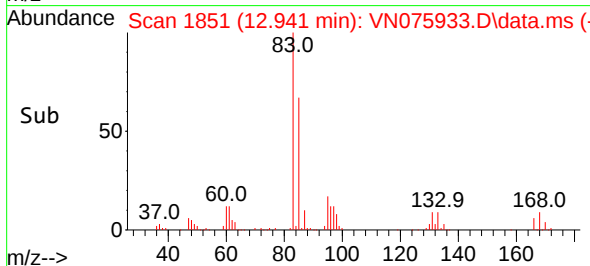
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



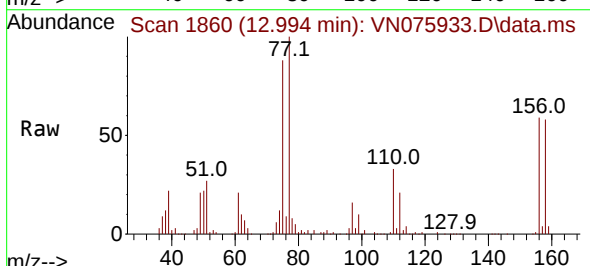
Tgt Ion: 83 Resp: 250698
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.4 32.6 98.0

Manual Integrations
APPROVED

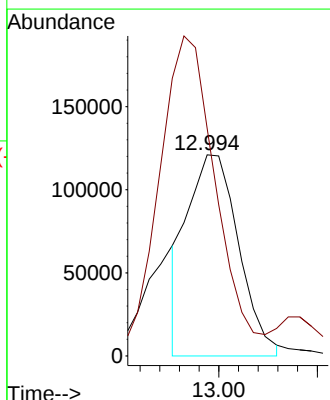
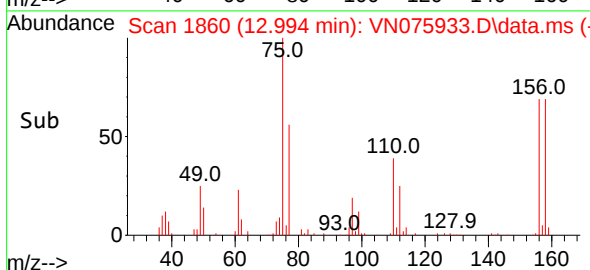
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

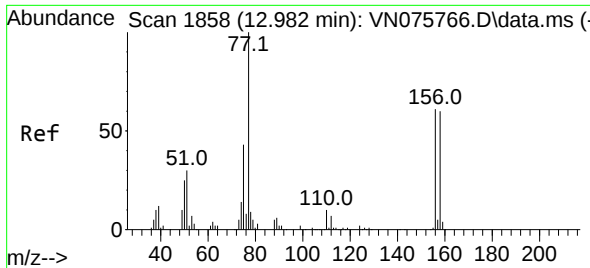


#76
1,2,3-Trichloropropane
Concen: 48.269 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40



Tgt Ion: 75 Resp: 218822
Ion Ratio Lower Upper
75 100
77 176.6 82.6 247.8





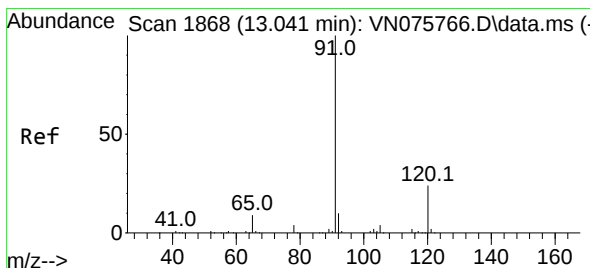
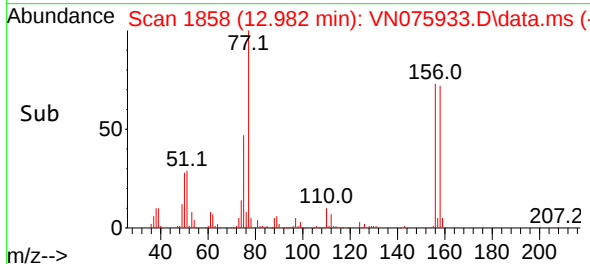
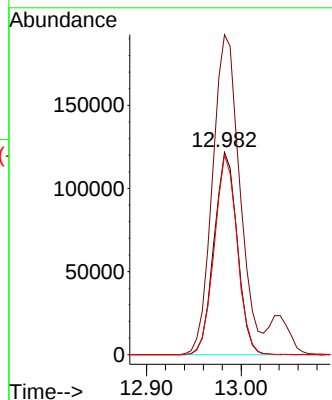
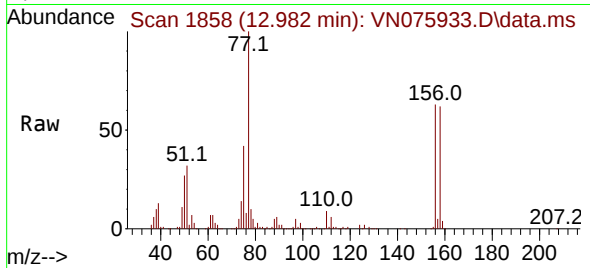
#77
Bromobenzene
Concen: 50.389 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 207248
Ion Ratio Lower Upper
156 100
77 186.4 93.8 281.3
158 97.5 48.9 146.6

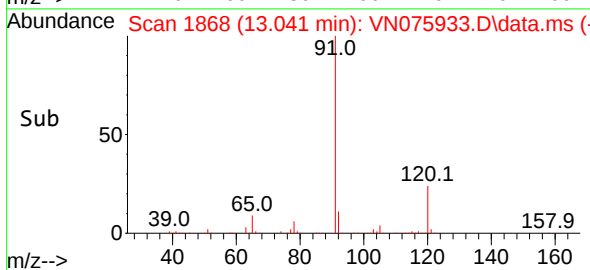
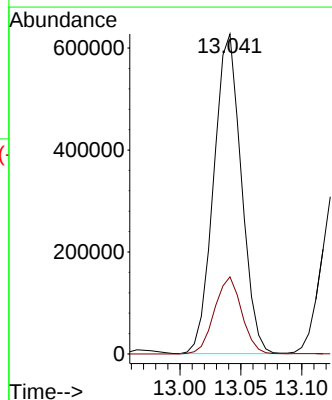
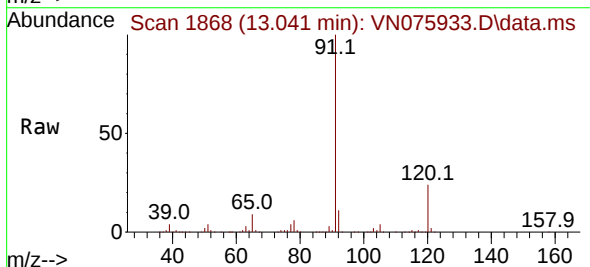
Manual Integrations
APPROVED

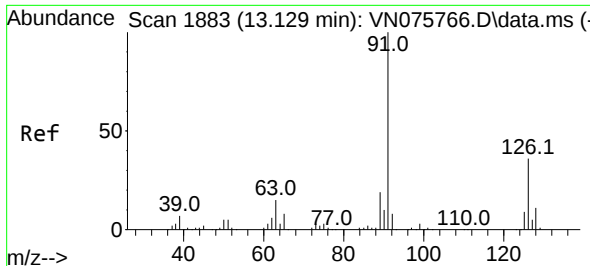
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#78
n-propylbenzene
Concen: 55.110 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 91 Resp: 987849
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





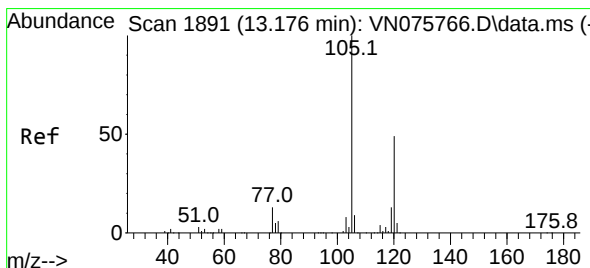
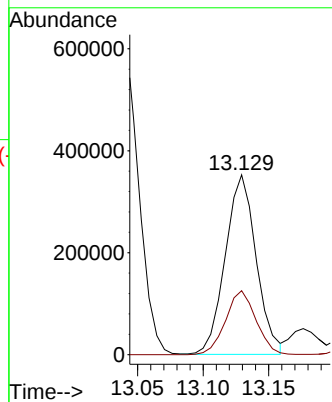
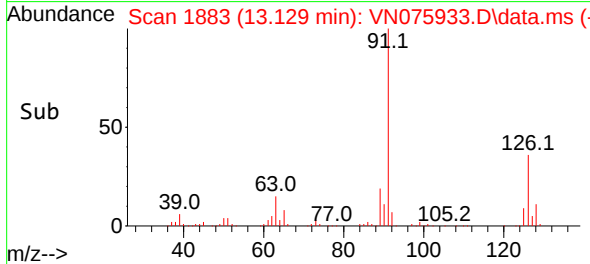
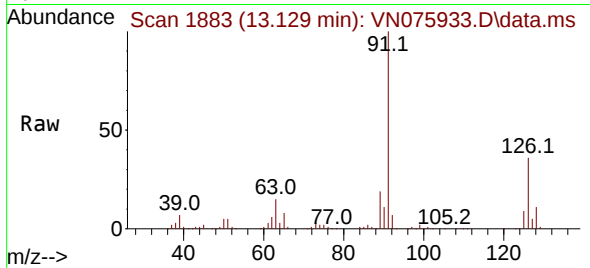
#79
2-Chlorotoluene
Concen: 51.685 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 57832
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

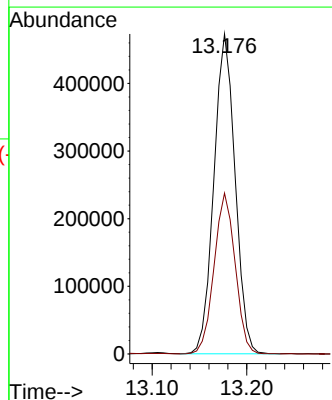
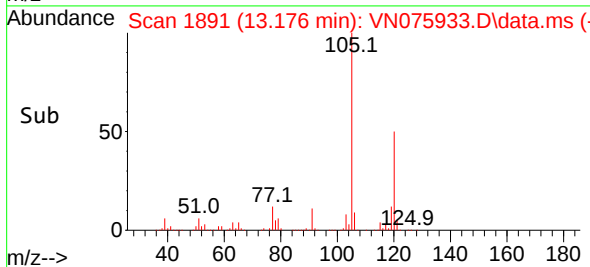
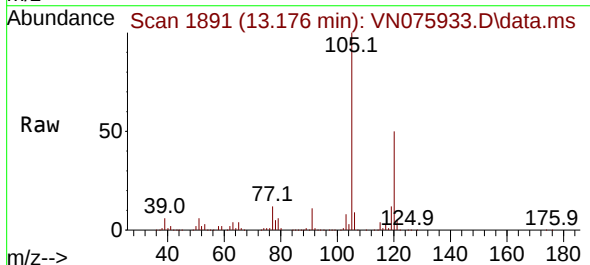
Manual Integrations
APPROVED

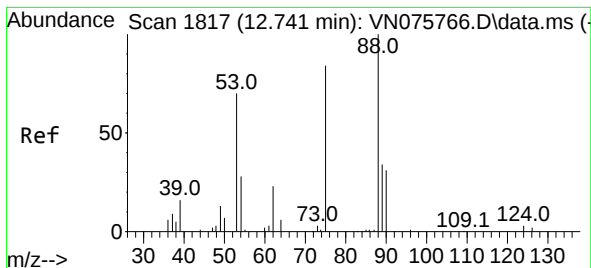
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.068 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:105 Resp: 735439
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





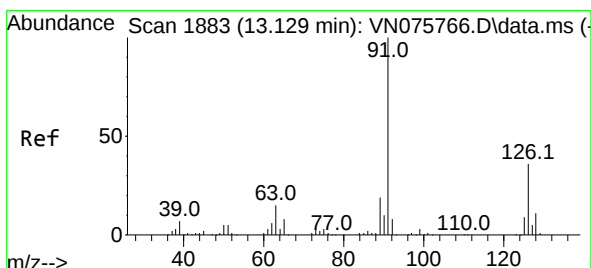
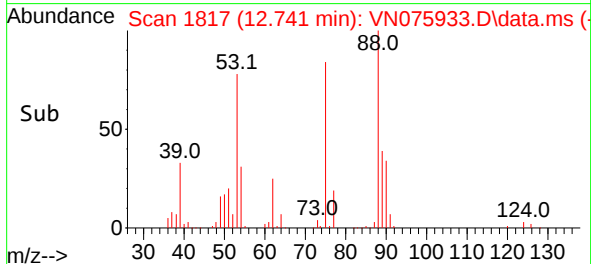
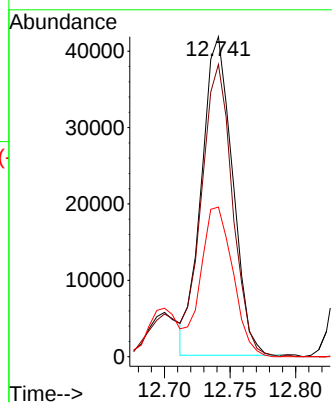
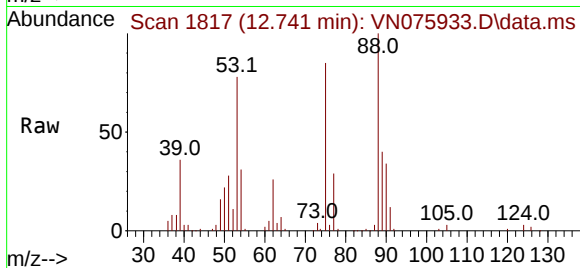
#81
trans-1,4-Dichloro-2-butene
Concen: 54.675 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 68860
Ion Ratio Lower Upper
75 100
53 92.0 73.8 110.6
89 49.2 39.5 59.3

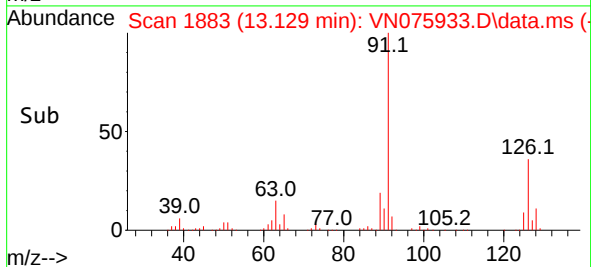
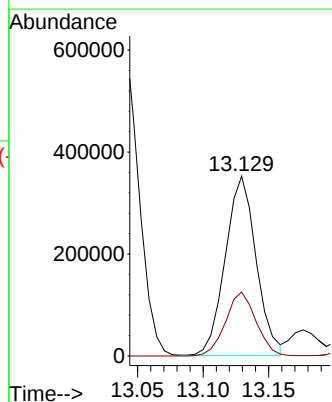
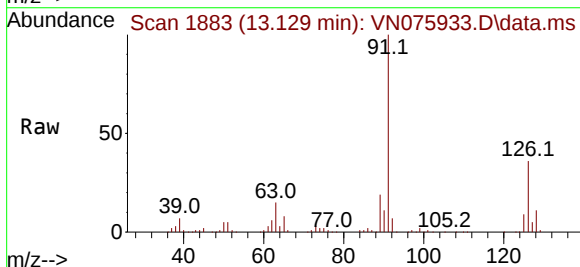
Manual Integrations
APPROVED

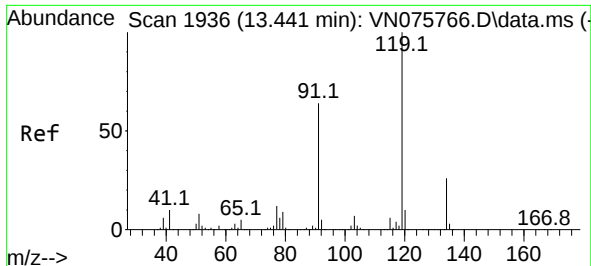
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 51.685 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion: 91 Resp: 578321
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





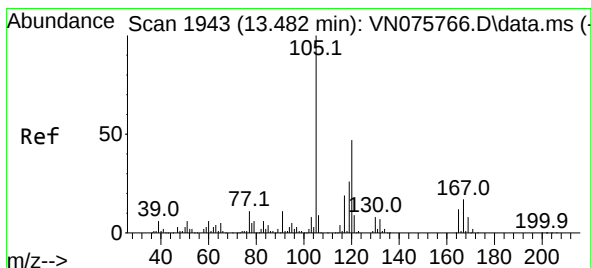
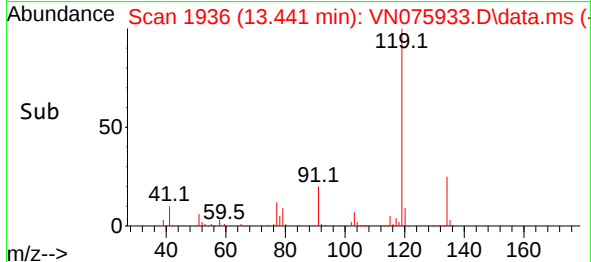
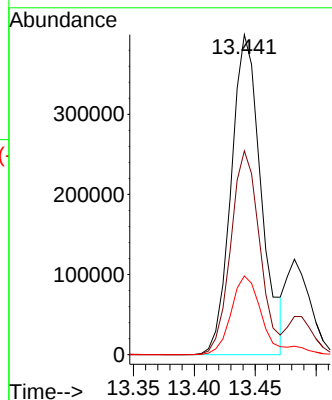
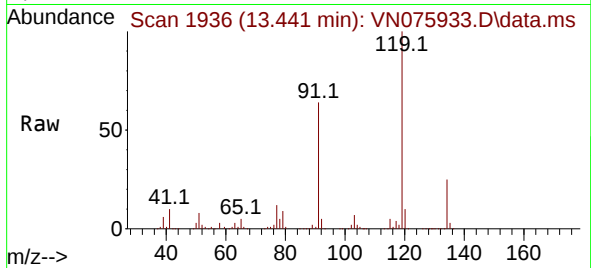
#83
tert-Butylbenzene
Concen: 56.857 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 681874
Ion Ratio Lower Upper
119 100
91 61.9 31.9 95.5
134 26.2 13.8 41.4

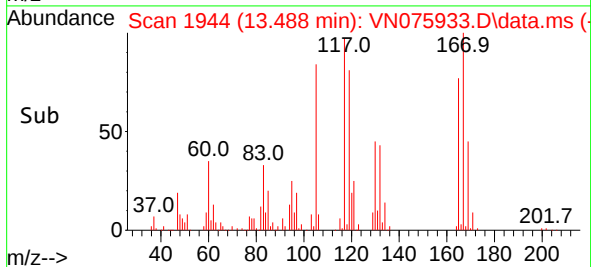
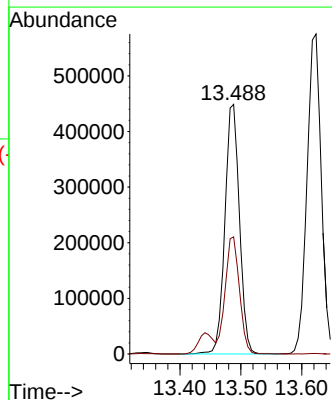
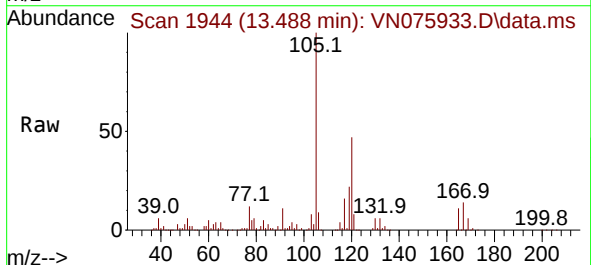
Manual Integrations
APPROVED

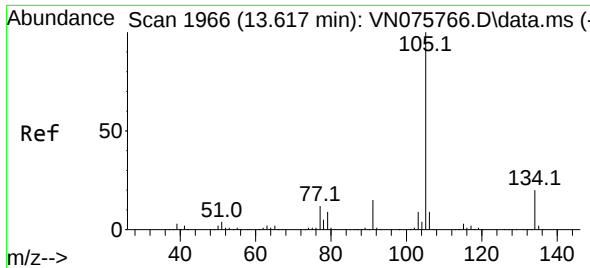
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.130 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:105 Resp: 743922
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





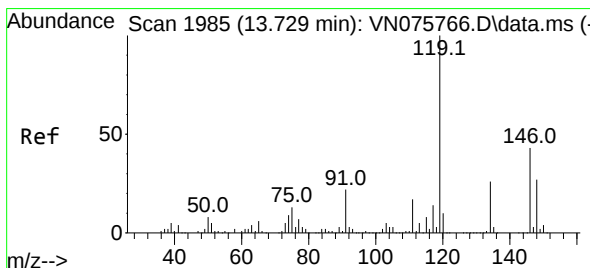
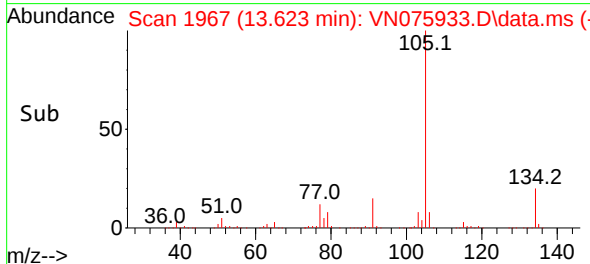
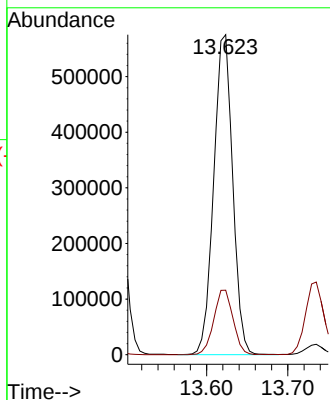
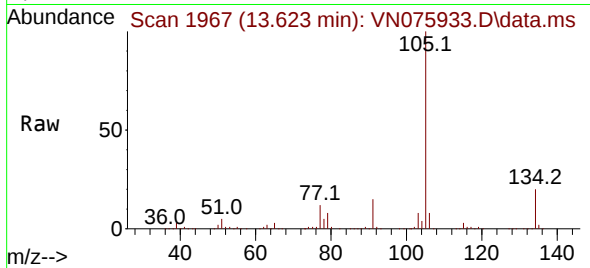
#85
 sec-Butylbenzene
 Concen: 56.514 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.006 min
 Lab File: VN075933.D
 Acq: 21 Dec 2022 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 935458
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

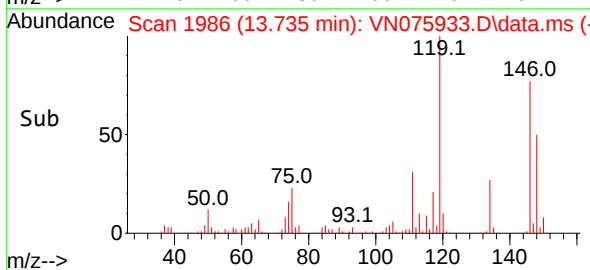
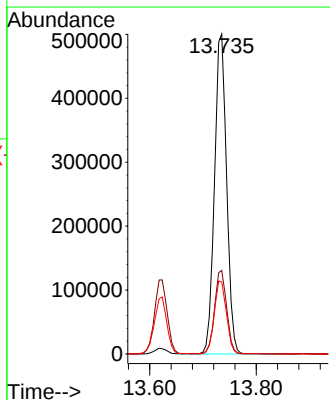
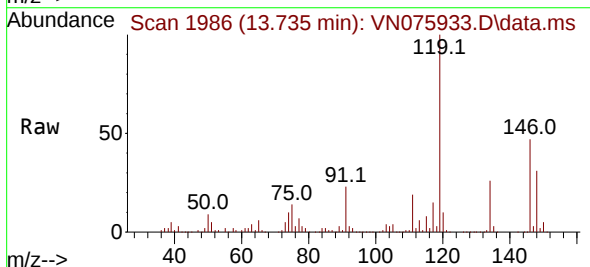
Manual Integrations
 APPROVED

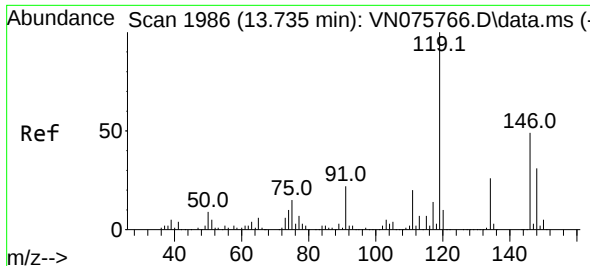
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#86
 p-Isopropyltoluene
 Concen: 57.332 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075933.D
 Acq: 21 Dec 2022 20:40

Tgt Ion:119 Resp: 789649
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.8 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 52.136 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 396100

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

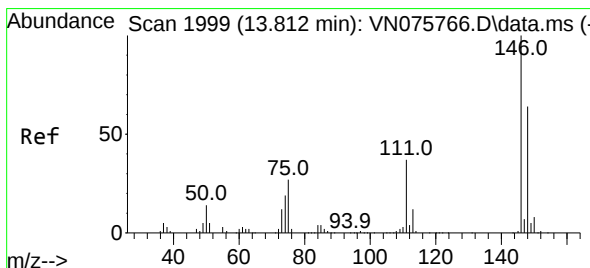
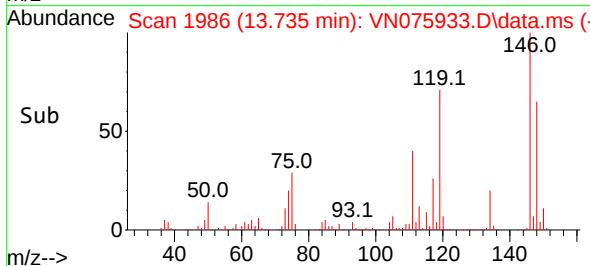
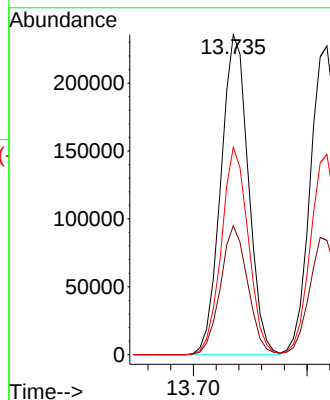
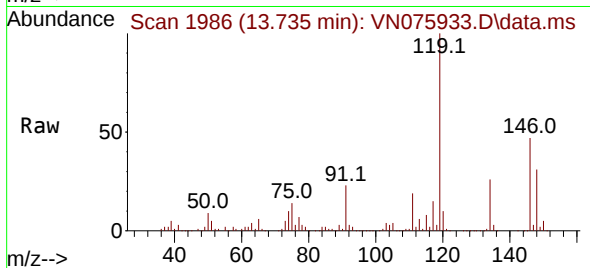
148 63.5 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#88

1,4-Dichlorobenzene

Concen: 51.094 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

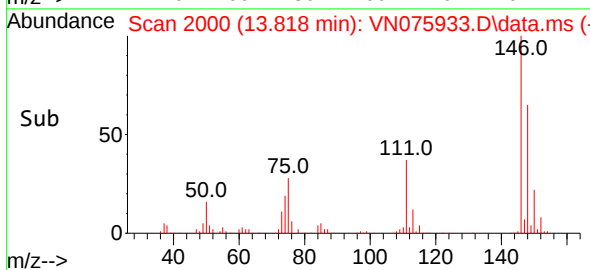
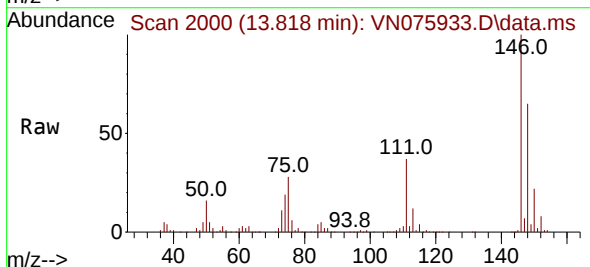
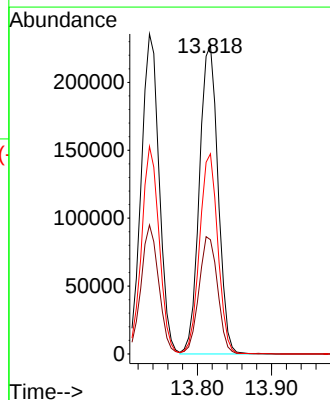
Tgt Ion:146 Resp: 396560

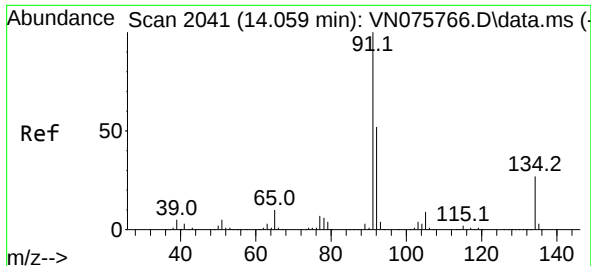
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 63.6 32.0 96.2





#89

n-Butylbenzene

Concen: 57.424 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

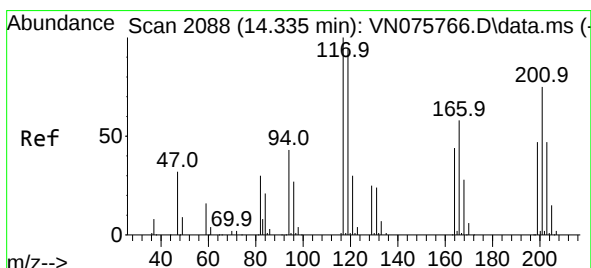
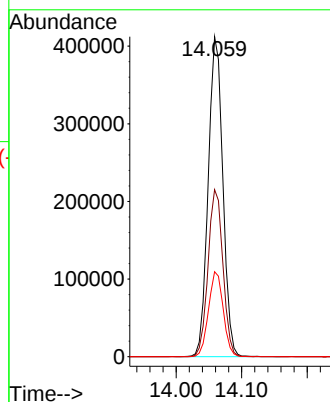
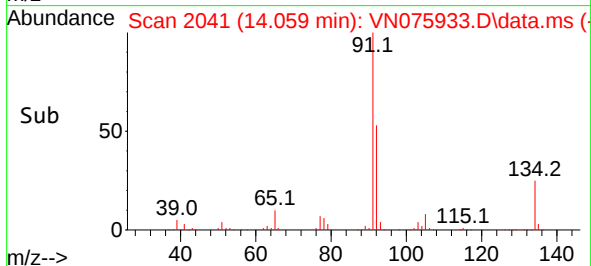
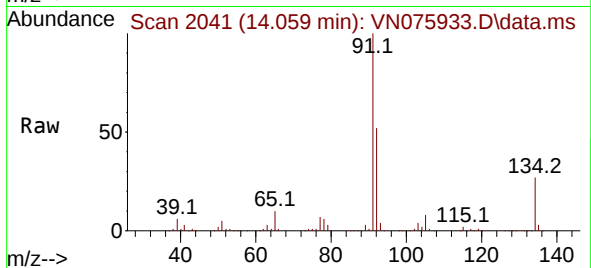
Tgt Ion: 91 Resp: 640749
 Ion Ratio Lower Upper
 91 100
 92 53.0 26.4 79.2
 134 26.7 13.4 40.2

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#90

Hexachloroethane

Concen: 55.069 ug/l

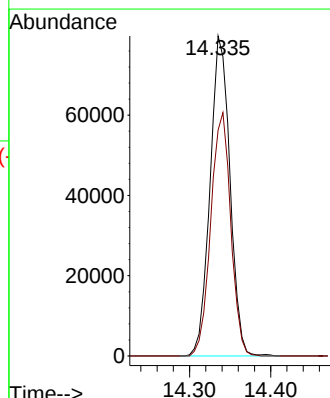
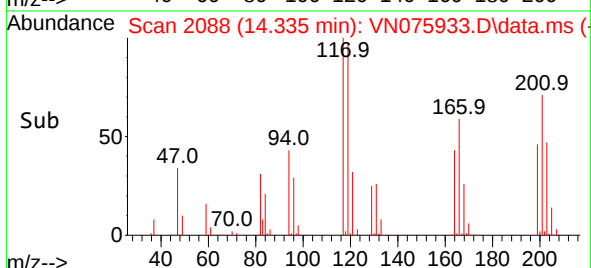
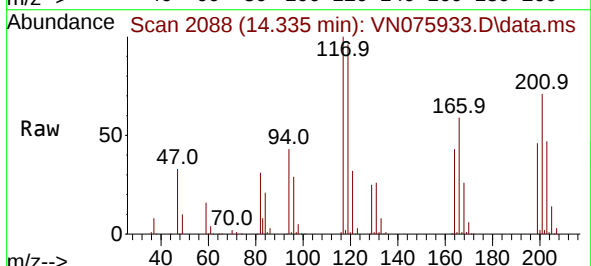
RT: 14.335 min Scan# 2088

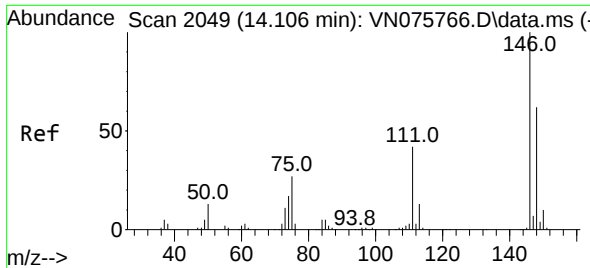
Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

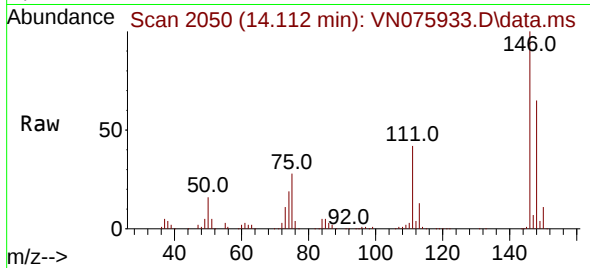
Tgt Ion:117 Resp: 135678
 Ion Ratio Lower Upper
 117 100
 201 76.2 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 52.222 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

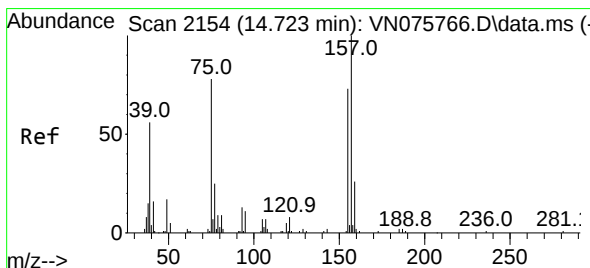
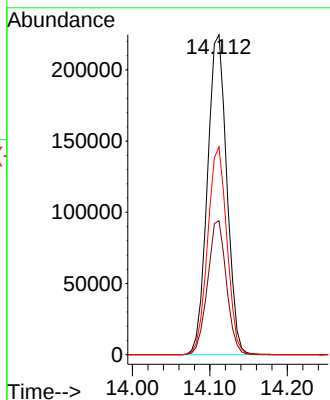
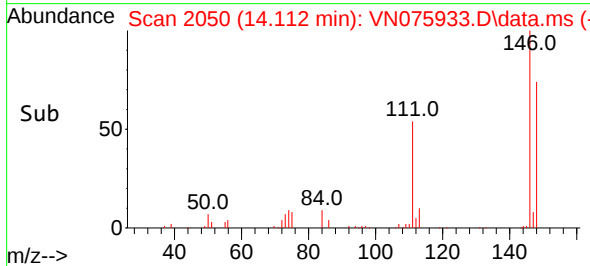
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 390809
Ion Ratio Lower Upper
146 100
111 40.8 20.3 61.0
148 64.6 31.7 95.1

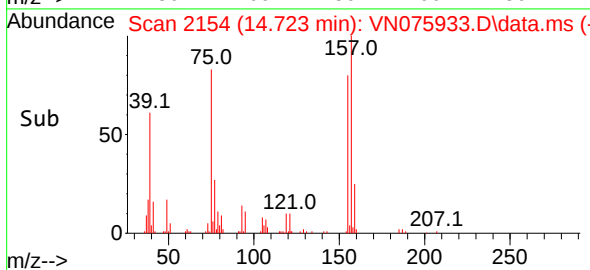
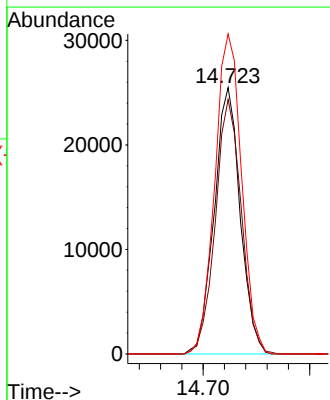
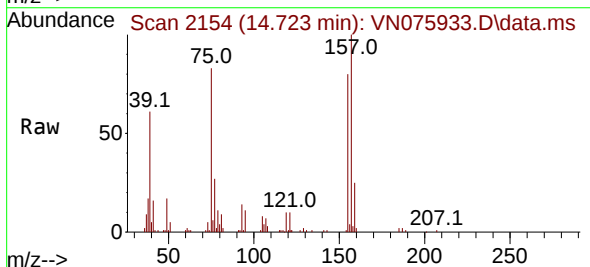
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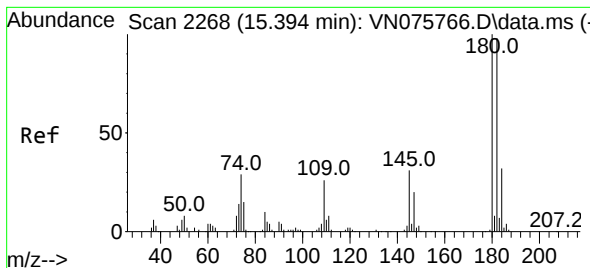
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.381 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

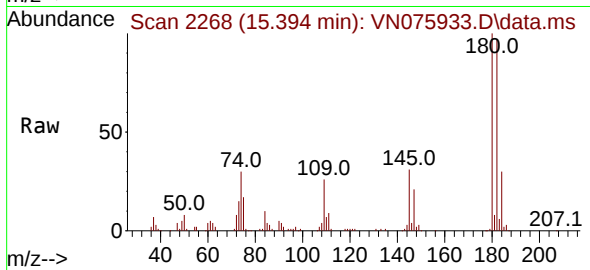
Tgt Ion: 75 Resp: 43131
Ion Ratio Lower Upper
75 100
155 95.5 49.3 147.8
157 123.8 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 53.280 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

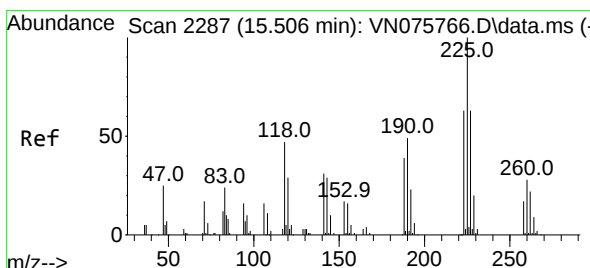
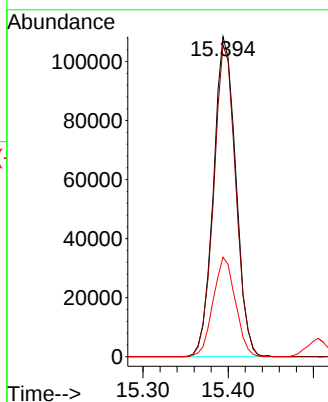
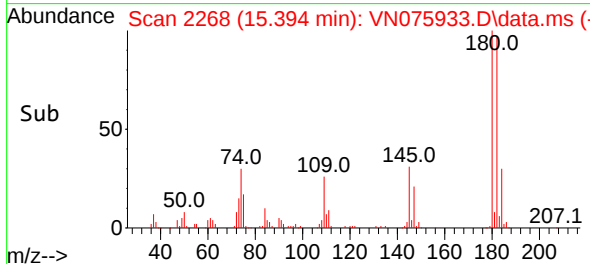
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 197398
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 31.0 15.3 45.8

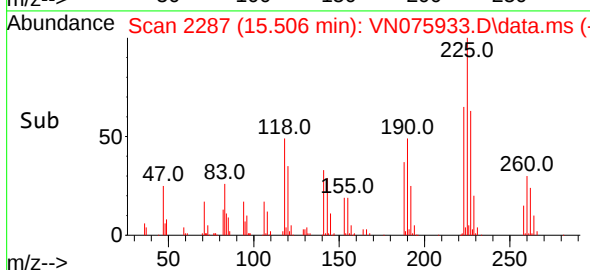
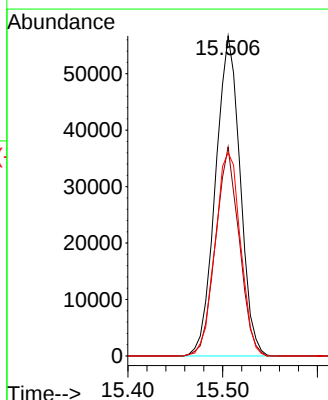
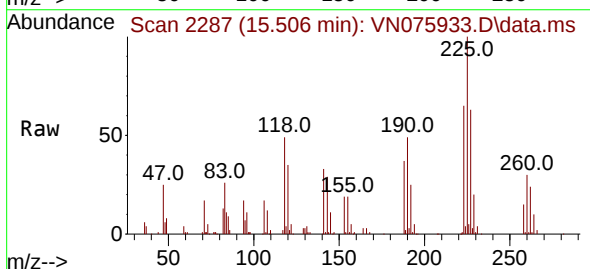
Manual Integrations
APPROVED

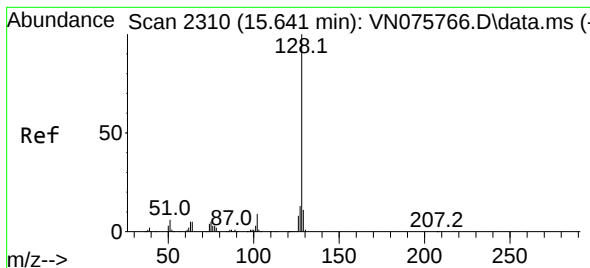
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#94
Hexachlorobutadiene
Concen: 50.730 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075933.D
Acq: 21 Dec 2022 20:40

Tgt Ion:225 Resp: 102543
Ion Ratio Lower Upper
225 100
223 62.8 31.5 94.5
227 65.5 31.6 95.0





#95

Naphthalene

Concen: 49.717 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 608362

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

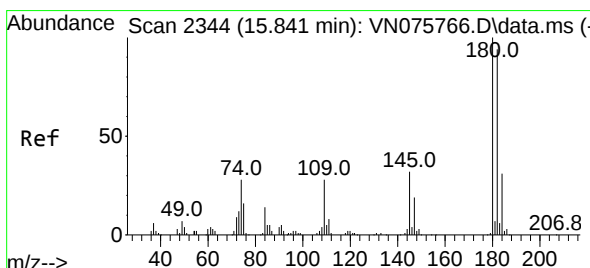
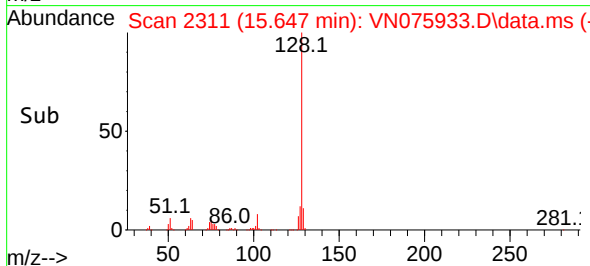
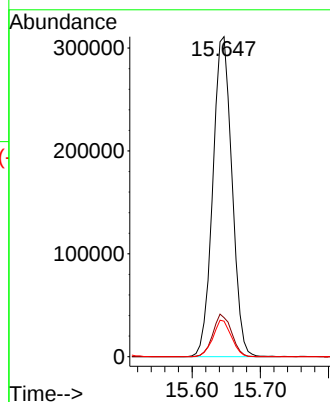
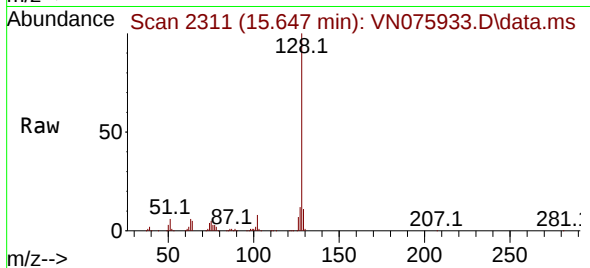
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#96

1,2,3-Trichlorobenzene

Concen: 56.402 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN075933.D

Acq: 21 Dec 2022 20:40

Tgt Ion:180 Resp: 195311

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.0

145 31.6 16.0 47.9

