

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075833.D
 Acq On : 15 Dec 2022 21:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:14:34 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	323054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184760	52.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	8.171	113	168527	52.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	10.570	98	646085	53.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.260%			
62) 4-Bromofluorobenzene	12.853	95	221595	55.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	104183	45.420	ug/l	99
3) Chloromethane	2.377	50	122271	42.868	ug/l	95
4) Vinyl Chloride	2.524	62	152515	44.826	ug/l	96
5) Bromomethane	2.953	94	127749	44.180	ug/l	98
6) Chloroethane	3.124	64	113702	45.128	ug/l	96
7) Trichlorofluoromethane	3.512	101	233082	45.147	ug/l	95
8) Diethyl Ether	3.971	74	89870	47.660	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	138517	46.987	ug/l	98
10) Methyl Iodide	4.600	142	220697	46.129	ug/l	100
11) Tert butyl alcohol	5.536	59	113797	228.829	ug/l	100
12) 1,1-Dichloroethene	4.353	96	132609	46.315	ug/l	96
13) Acrolein	4.194	56	177649	291.383	ug/l	98
14) Allyl chloride	5.036	41	154152	46.056	ug/l	90
15) Acrylonitrile	5.736	53	334025	246.130	ug/l	99
16) Acetone	4.441	43	243422	200.922	ug/l	99
17) Carbon Disulfide	4.724	76	313002	45.151	ug/l	98
18) Methyl Acetate	5.041	43	170481	47.605	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	470691	49.921	ug/l	99
20) Methylene Chloride	5.288	84	152700	47.079	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	143917	45.897	ug/l	94
22) Diisopropyl ether	6.683	45	404983	49.808	ug/l	98
23) Vinyl Acetate	6.612	43	1368711	250.099	ug/l	100
24) 1,1-Dichloroethane	6.583	63	254285	46.893	ug/l	99
25) 2-Butanone	7.488	43	406375	239.557	ug/l	96
26) 2,2-Dichloropropane	7.500	77	207549	45.196	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	179447	47.850	ug/l	98
28) Bromochloromethane	7.818	49	105242	44.280	ug/l	97
29) Tetrahydrofuran	7.847	42	267883	251.992	ug/l	99
30) Chloroform	7.971	83	280677	45.972	ug/l	95
31) Cyclohexane	8.265	56	229515	45.598	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	258865	47.825	ug/l	100
36) 1,1-Dichloropropene	8.377	75	205694	48.057	ug/l	100
37) Ethyl Acetate	7.571	43	171447	49.868	ug/l	97
38) Carbon Tetrachloride	8.365	117	227760	47.544	ug/l	99
39) Methylcyclohexane	9.606	83	263424	51.014	ug/l	97
40) Benzene	8.612	78	620091	46.955	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	90767	50.791	ug/l	98
42) 1,2-Dichloroethane	8.677	62	206763	47.094	ug/l	99
43) Isopropyl Acetate	8.694	43	291172	51.341	ug/l	99
44) Trichloroethene	9.359	130	171080	45.985	ug/l	94
45) 1,2-Dichloropropane	9.623	63	151162	47.038	ug/l	97
46) Dibromomethane	9.712	93	112875	47.356	ug/l	98
47) Bromodichloromethane	9.894	83	224172	47.960	ug/l	99
48) Methyl methacrylate	9.682	41	137005	53.636	ug/l	100
49) 1,4-Dioxane	9.700	88	59554	948.368	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	891023	259.790	ug/l	100
52) Toluene	10.635	92	416323	48.406	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	230278	50.328	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	252629	50.288	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	162888	48.252	ug/l	95
56) Ethyl methacrylate	10.876	69	242294	54.035	ug/l	98
57) 1,3-Dichloropropane	11.165	76	268283	48.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	478941	335.482	ug/l	99
59) 2-Hexanone	11.200	43	650707	260.155	ug/l	99
60) Dibromochloromethane	11.365	129	182426	48.592	ug/l	99
61) 1,2-Dibromoethane	11.470	107	169888	49.730	ug/l	100
64) Tetrachloroethene	11.106	164	148032	44.815	ug/l	99
65) Chlorobenzene	11.894	112	449857	46.692	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	172361	48.299	ug/l	99
67) Ethyl Benzene	11.965	91	815314	50.140	ug/l	99
68) m/p-Xylenes	12.076	106	637969	99.125	ug/l	99
69) o-Xylene	12.400	106	322316	50.606	ug/l	100
70) Styrene	12.412	104	528458	52.183	ug/l	100
71) Bromoform	12.582	173	133786	51.521	ug/l #	99
73) Isopropylbenzene	12.700	105	838440	49.912	ug/l	99
74) N-amyl acetate	12.494	43	265439	53.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	242534	46.703	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	210083m	44.834	ug/l	
77) Bromobenzene	12.982	156	196434	46.206	ug/l	99
78) n-propylbenzene	13.041	91	942080	50.847	ug/l	100
79) 2-Chlorotoluene	13.129	91	556779	48.141	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	712941	50.709	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70583	54.220	ug/l	90
82) 4-Chlorotoluene	13.129	91	556779	48.141	ug/l	100
83) tert-Butylbenzene	13.441	119	649736	52.415	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	717049	51.410	ug/l	100
85) sec-Butylbenzene	13.617	105	896829	52.418	ug/l	100
86) p-Isopropyltoluene	13.735	119	764211	53.680	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	379023	48.265	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	375452	46.801	ug/l	99
89) n-Butylbenzene	14.059	91	619406	53.705	ug/l	99
90) Hexachloroethane	14.335	117	130766	51.349	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	372176	48.115	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43796	47.529	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	188594	49.248	ug/l	100
94) Hexachlorobutadiene	15.505	225	99349	47.551	ug/l	100
95) Naphthalene	15.647	128	582585	46.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	184043	51.419	ug/l	99

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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

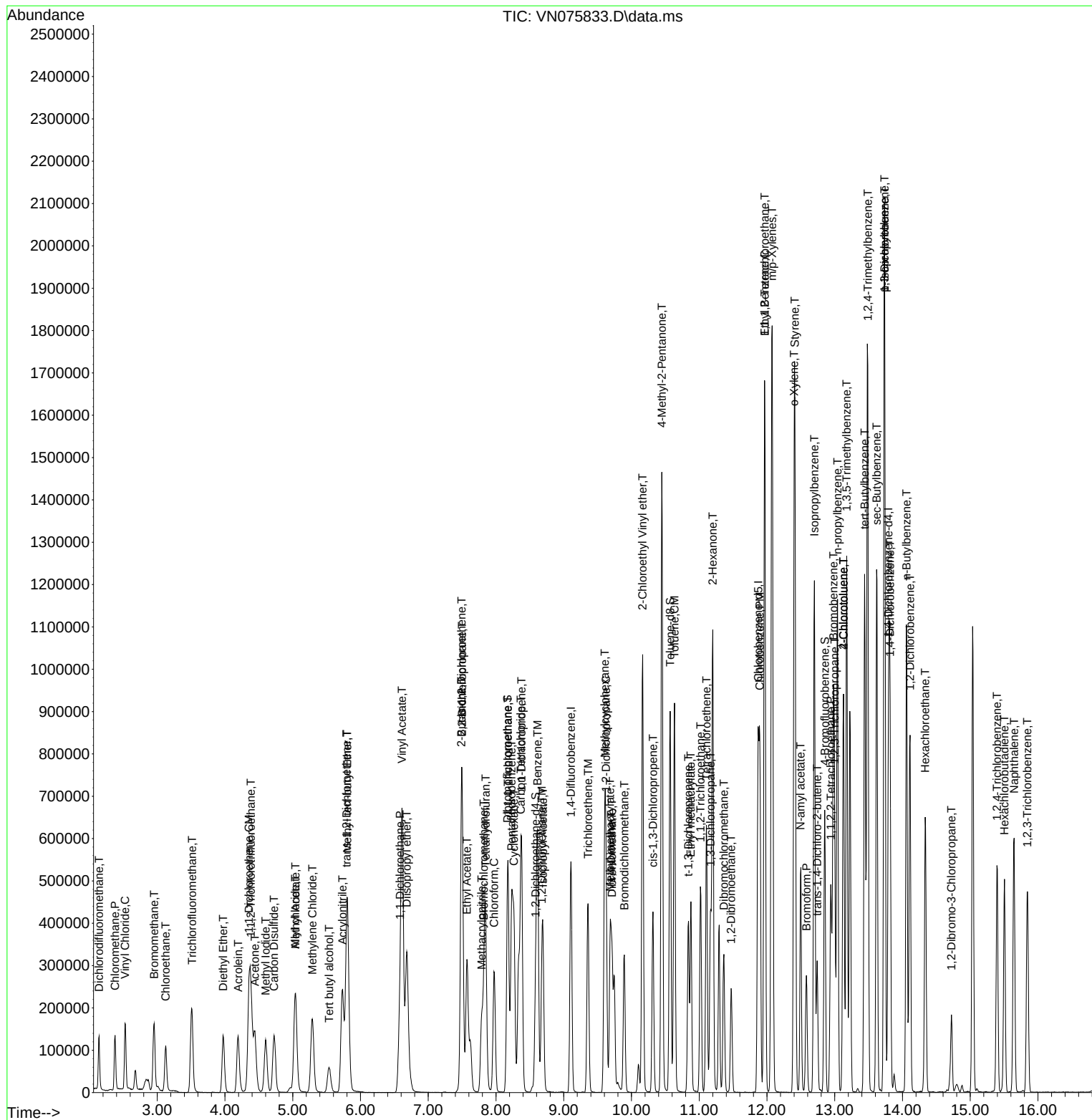
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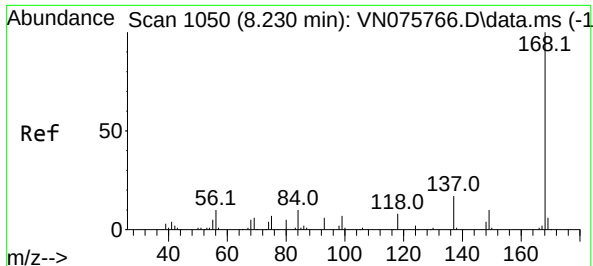
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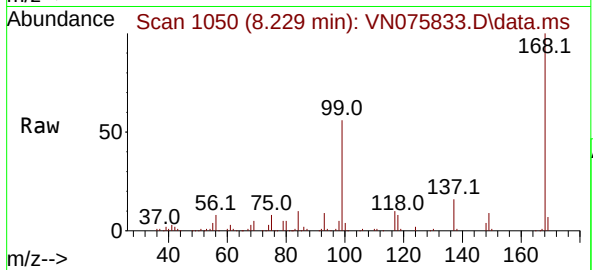
Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075833.D
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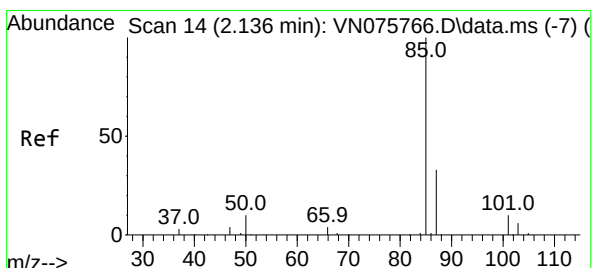
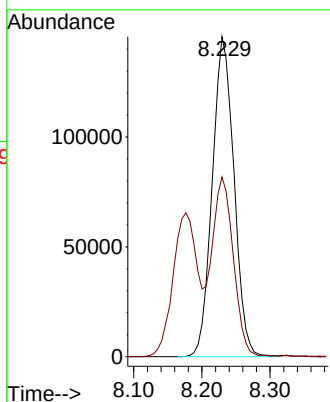
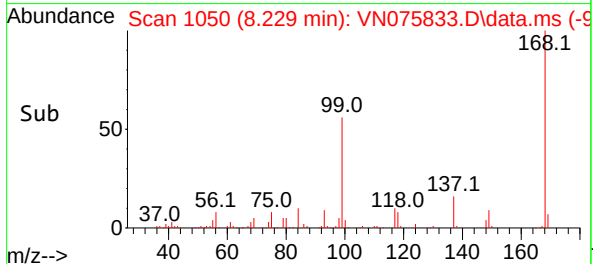
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 323054
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4

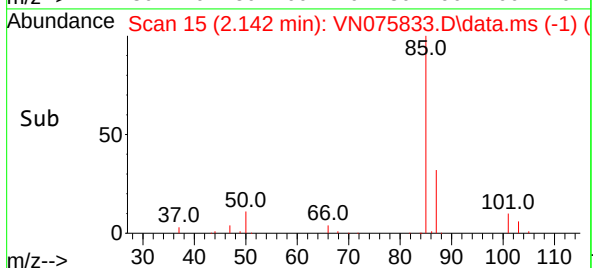
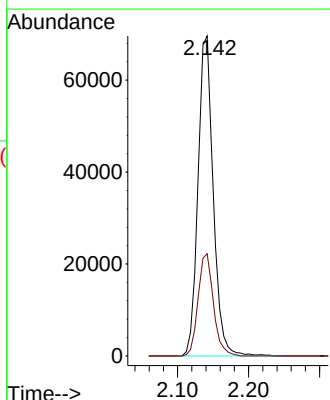
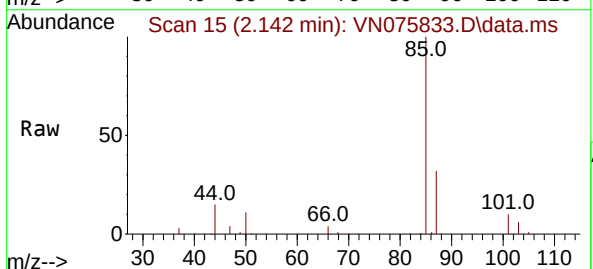
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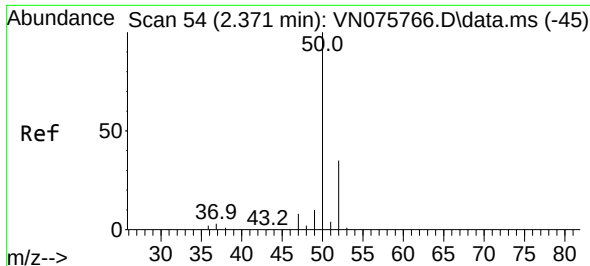
Reviewed By :John Carlone 12/16/2022
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#2
Dichlorodifluoromethane
Concen: 45.420 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

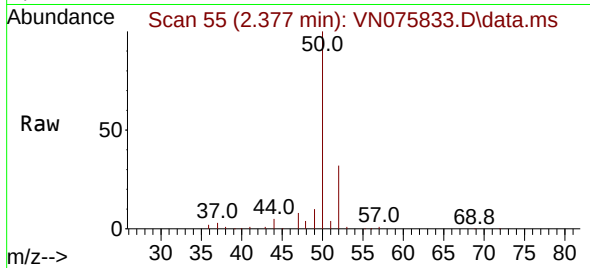
Tgt Ion: 85 Resp: 104183
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 42.868 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

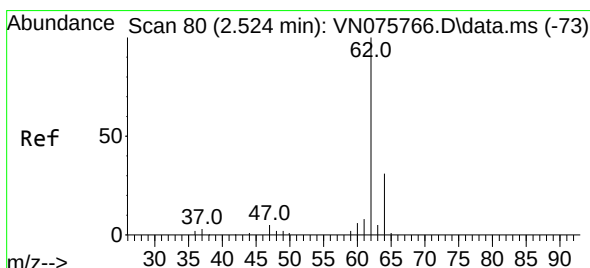
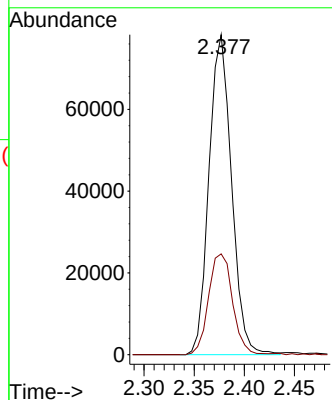
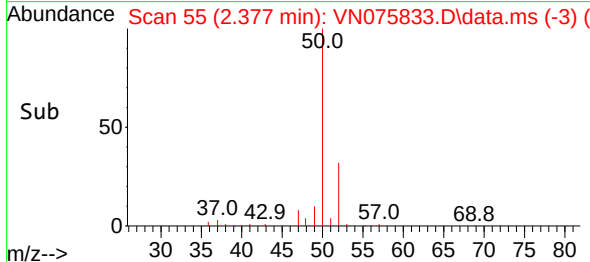
Instrument :
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Tgt Ion: 50 Resp: 12227
Ion Ratio Lower Upper
50 100
52 31.5 27.7 41.5

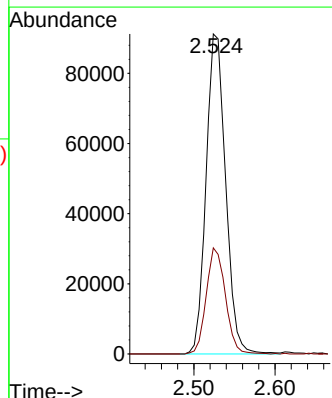
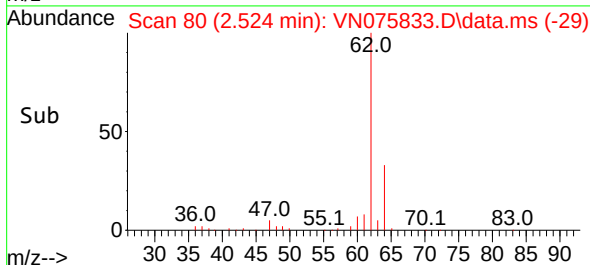
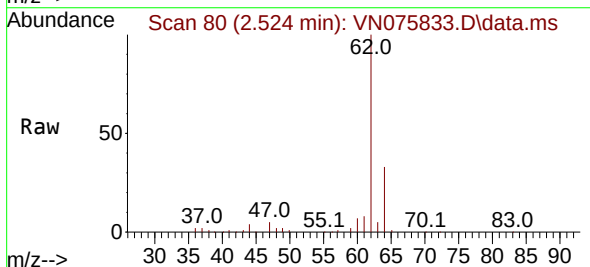
Manual Integrations
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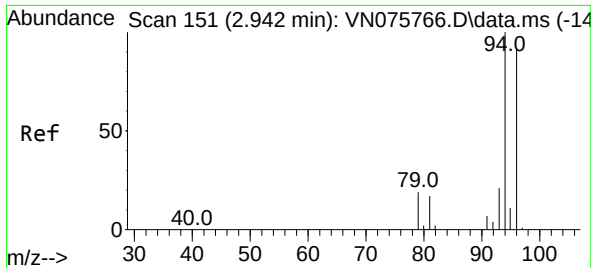
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#4
Vinyl Chloride
Concen: 44.826 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

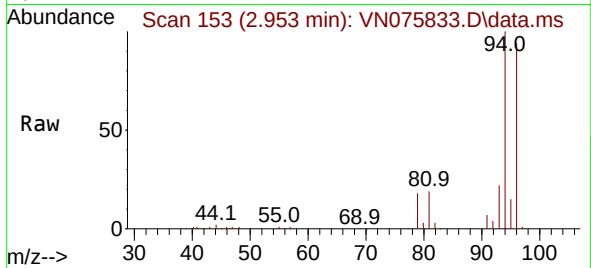
Tgt Ion: 62 Resp: 152515
Ion Ratio Lower Upper
62 100
64 33.2 24.9 37.3





#5
Bromomethane
Concen: 44.180 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

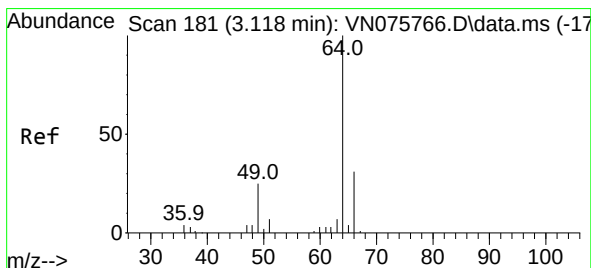
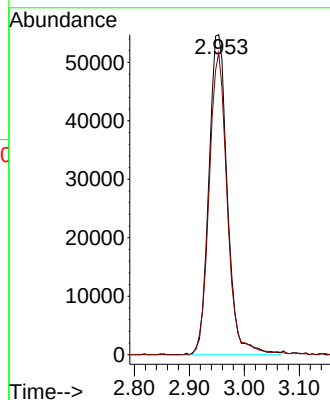
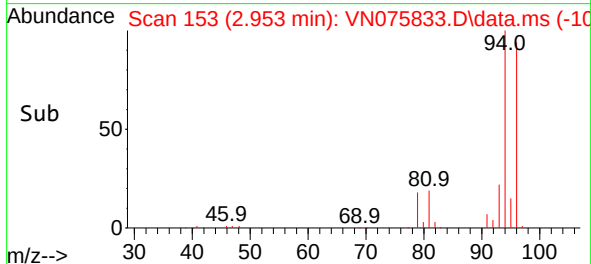
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Tgt Ion: 94 Resp: 127749
Ion Ratio Lower Upper
94 100
96 94.3 73.8 110.6

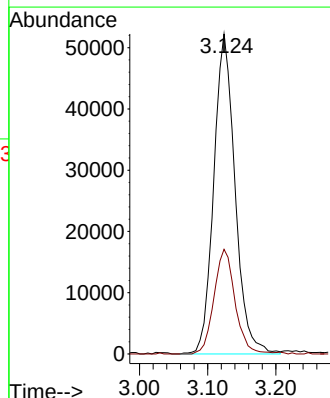
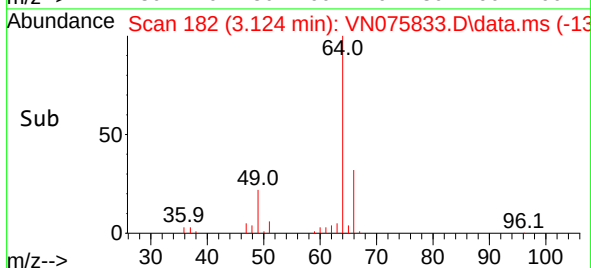
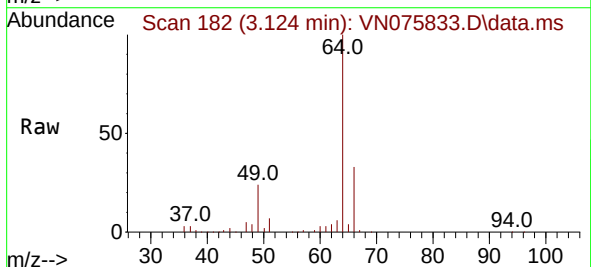
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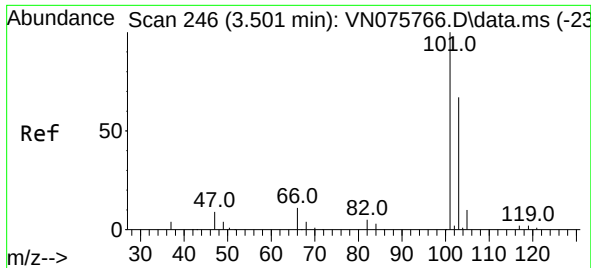
Reviewed By :John Carlone 12/16/2022
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#6
Chloroethane
Concen: 45.128 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

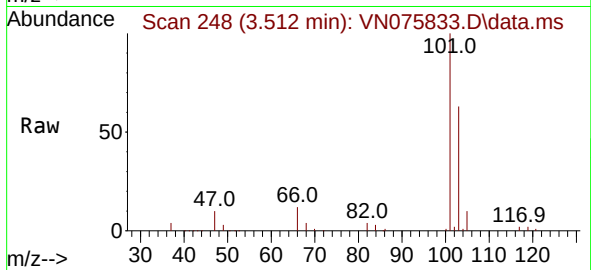
Tgt Ion: 64 Resp: 113702
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 45.147 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

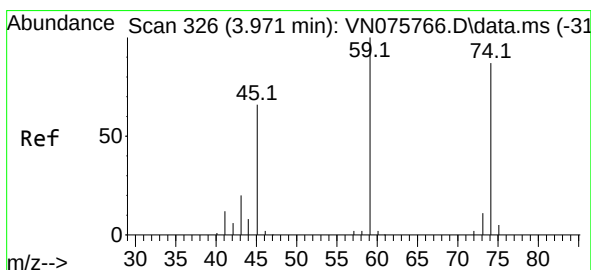
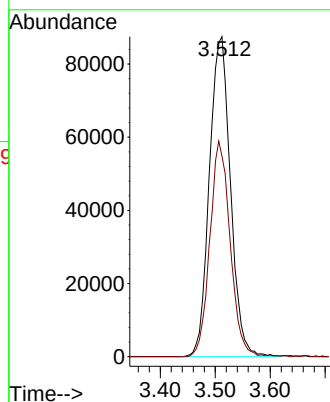
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 23308
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.2

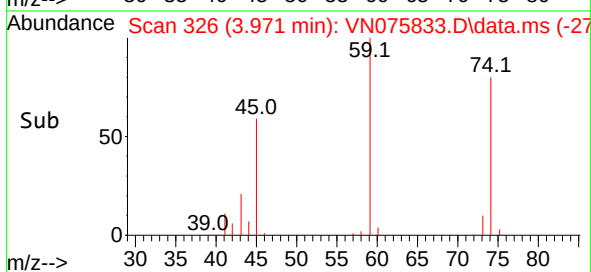
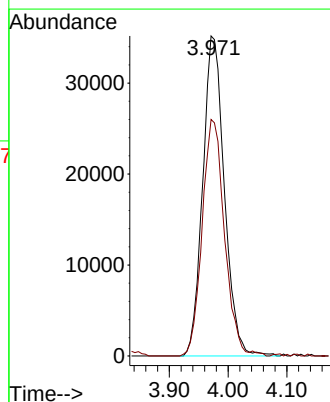
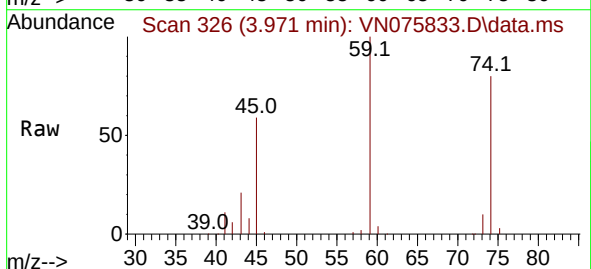
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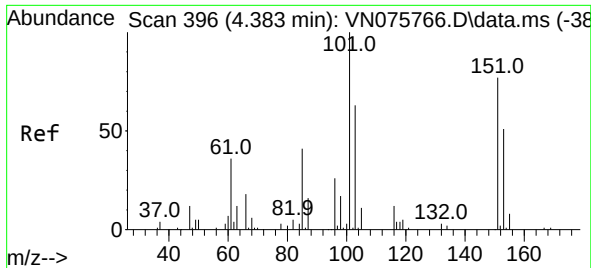
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#8
 Diethyl Ether
 Concen: 47.660 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

Tgt Ion: 74 Resp: 89870
 Ion Ratio Lower Upper
 74 100
 45 76.2 37.8 113.4





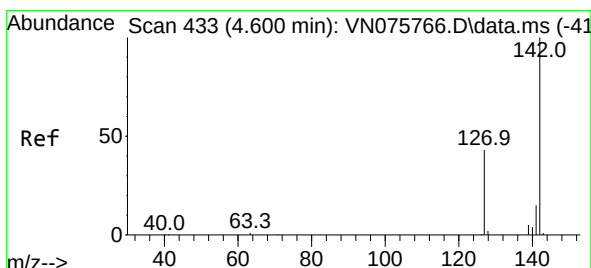
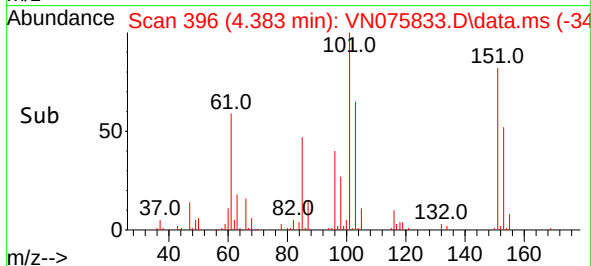
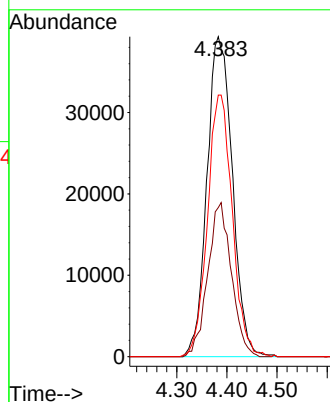
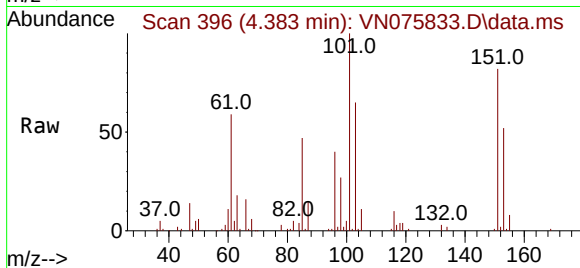
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.987 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 13851
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 79.9 65.6 98.4

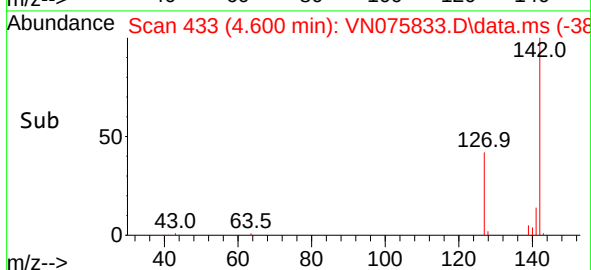
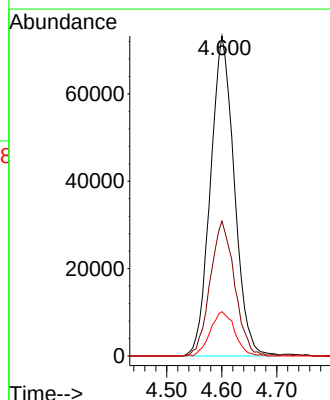
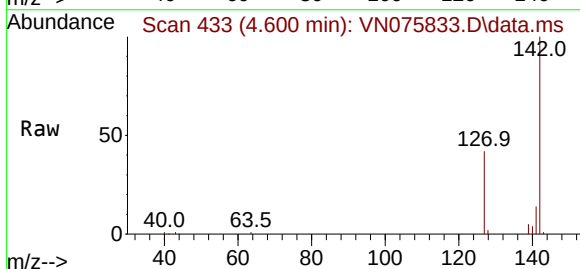
Manual Integrations
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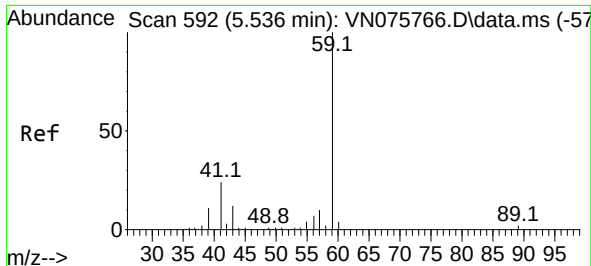
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#10
Methyl Iodide
Concen: 46.129 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion:142 Resp: 220697
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 14.2 11.4 17.2





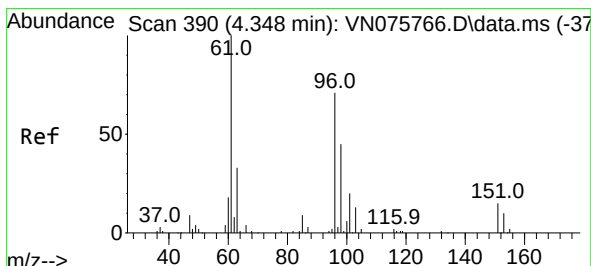
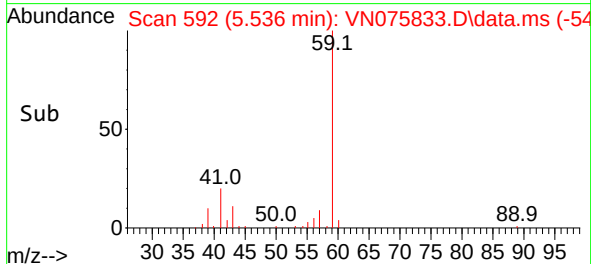
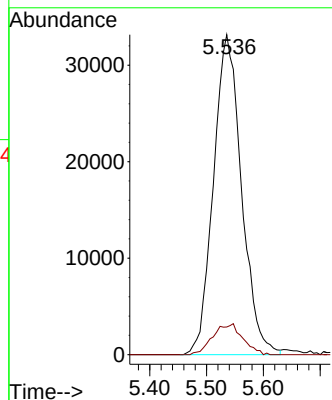
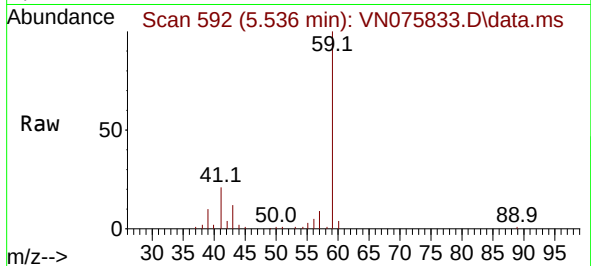
#11
Tert butyl alcohol
Concen: 228.829 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 11379
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

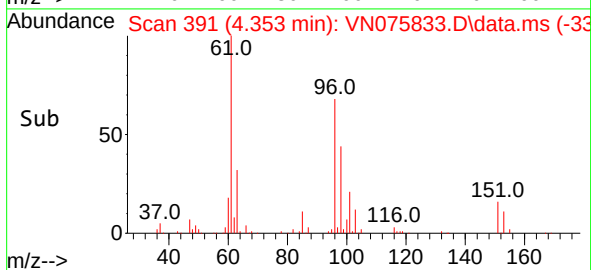
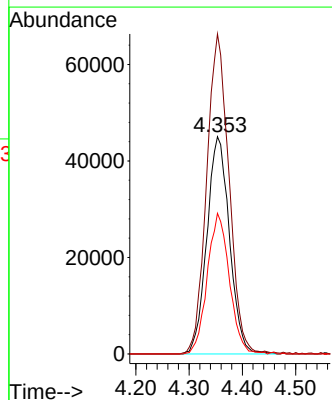
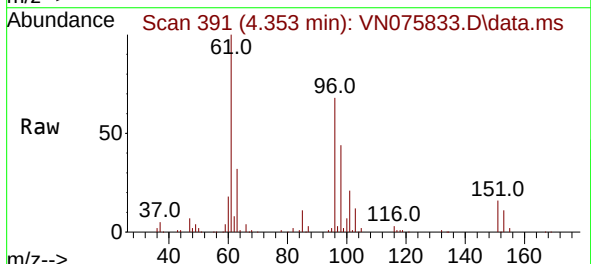
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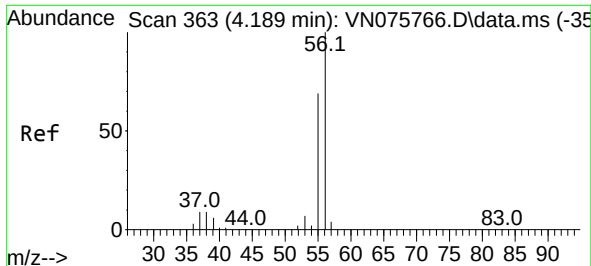
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#12
1,1-Dichloroethene
Concen: 46.315 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 96 Resp: 132609
Ion Ratio Lower Upper
96 100
61 147.2 113.3 169.9
98 64.7 50.9 76.3





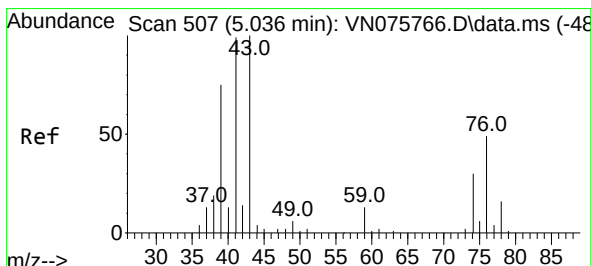
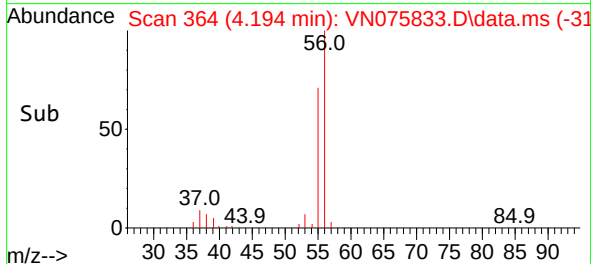
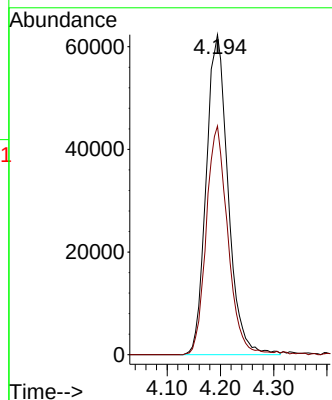
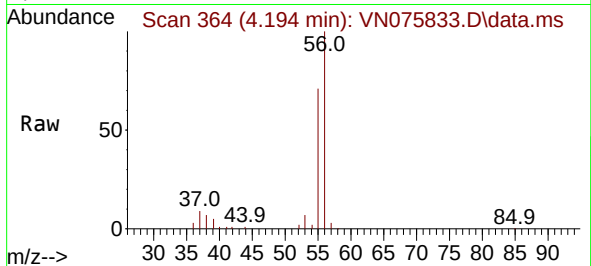
#13
Acrolein
Concen: 291.383 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 177649
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

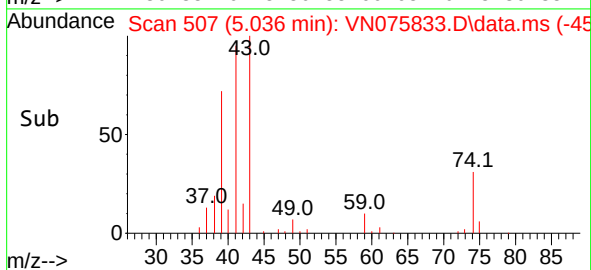
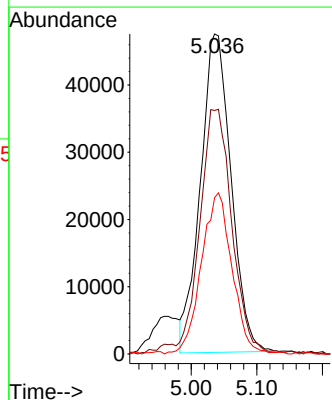
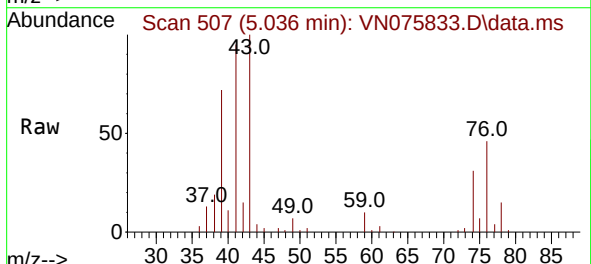
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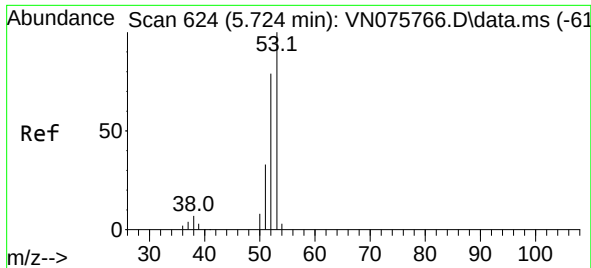
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#14
Allyl chloride
Concen: 46.056 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

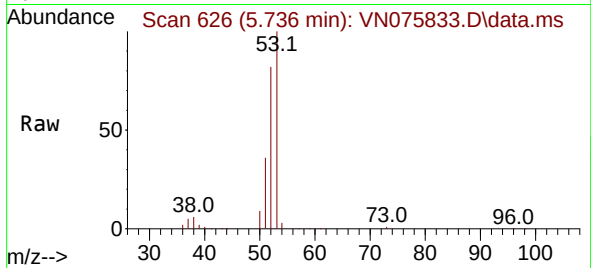
Tgt Ion: 41 Resp: 154152
Ion Ratio Lower Upper
41 100
39 82.0 58.3 87.5
76 50.5 35.8 53.6





#15
Acrylonitrile
Concen: 246.130 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

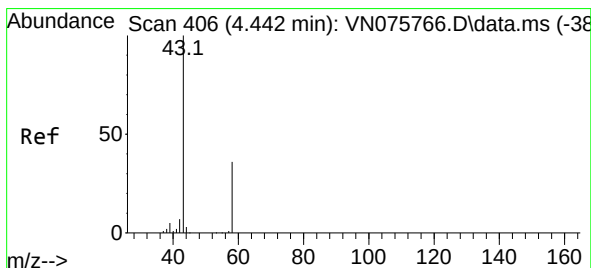
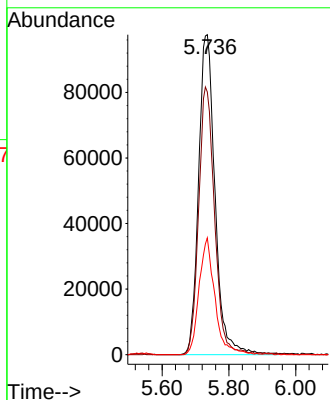
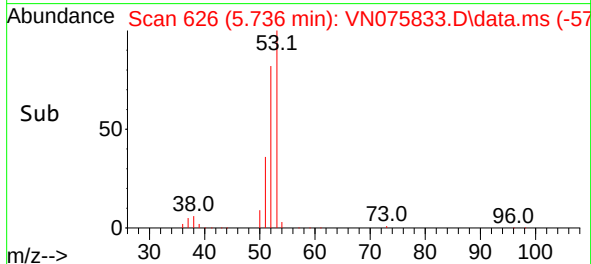
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 334025
Ion Ratio Lower Upper
53 100
52 80.8 65.4 98.0
51 35.1 28.9 43.3

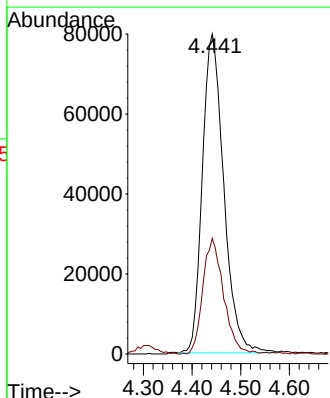
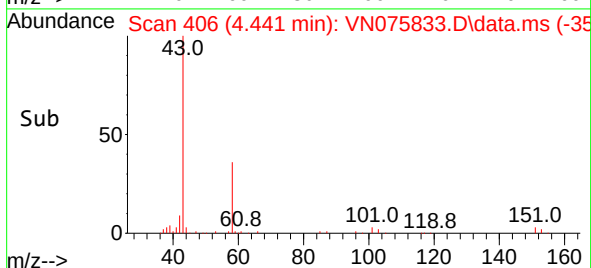
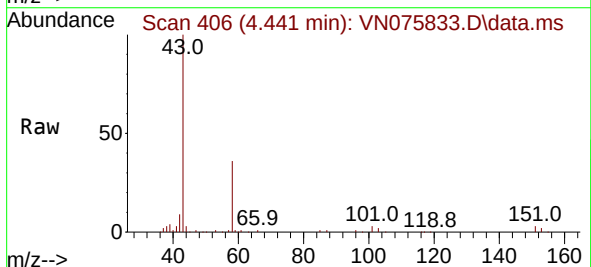
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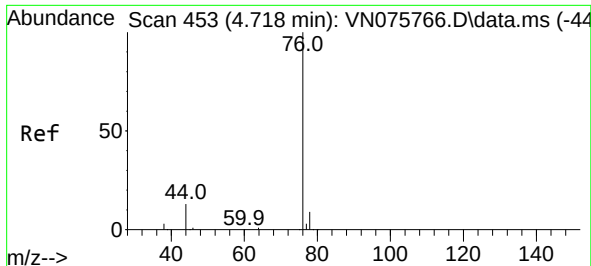
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#16
Acetone
Concen: 200.922 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 43 Resp: 243422
Ion Ratio Lower Upper
43 100
58 36.2 28.6 43.0





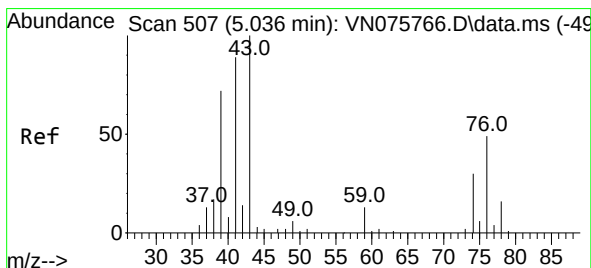
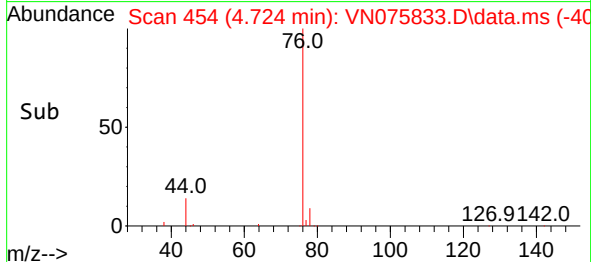
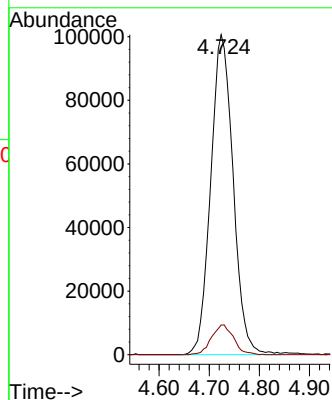
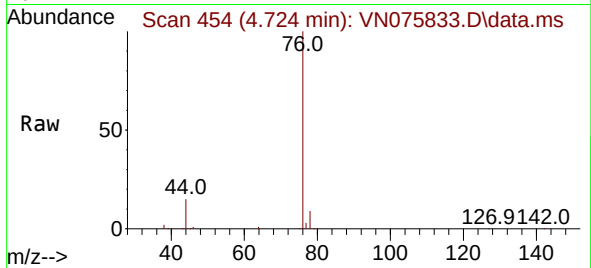
#17
Carbon Disulfide
Concen: 45.151 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 31300
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

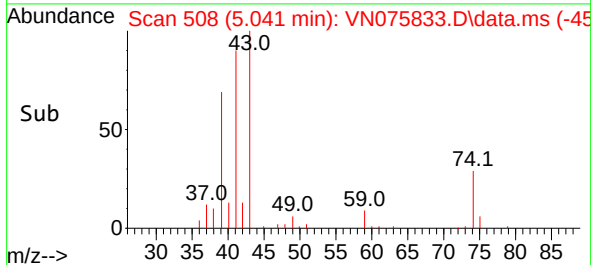
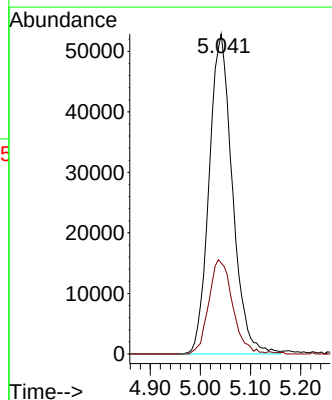
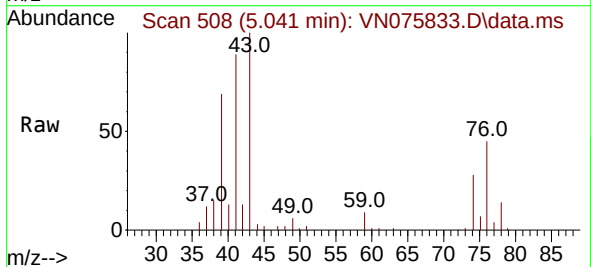
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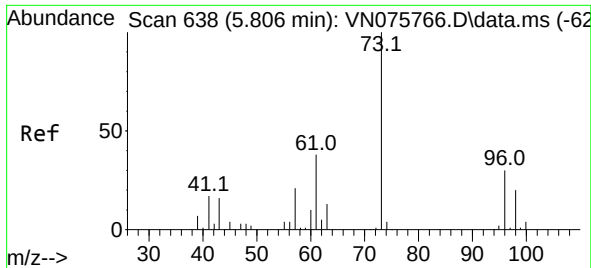
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#18
Methyl Acetate
Concen: 47.605 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 43 Resp: 170481
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4





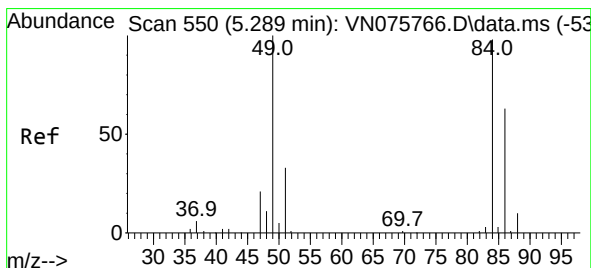
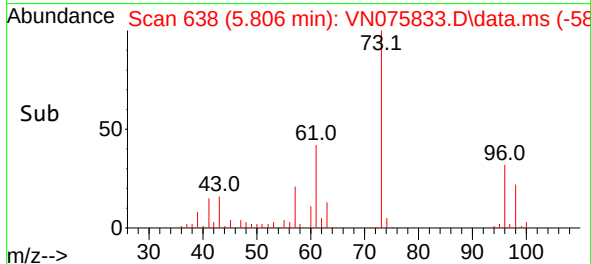
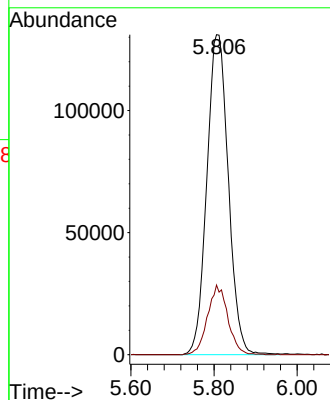
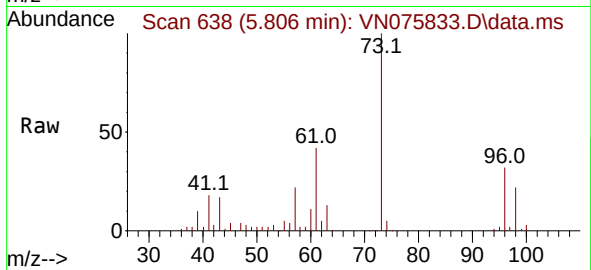
#19
Methyl tert-butyl Ether
Concen: 49.921 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 47069
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7

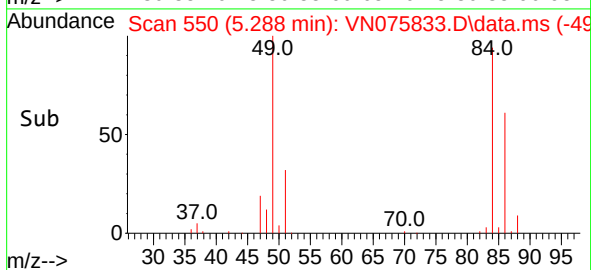
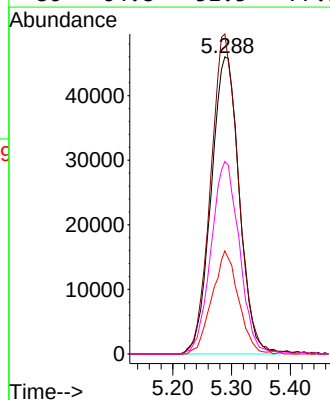
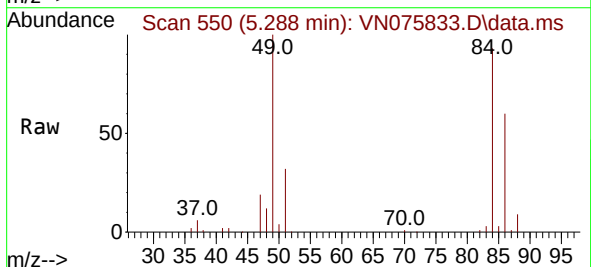
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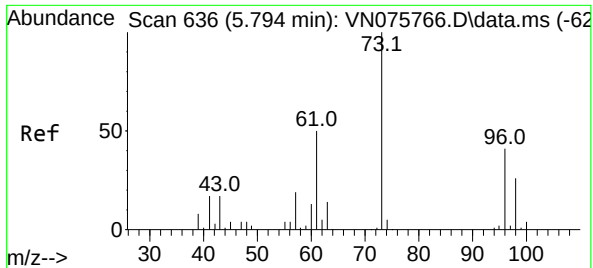
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#20
Methylene Chloride
Concen: 47.079 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 84 Resp: 152700
Ion Ratio Lower Upper
84 100
49 107.7 81.8 122.6
51 34.7 26.7 40.1
86 64.8 51.5 77.3





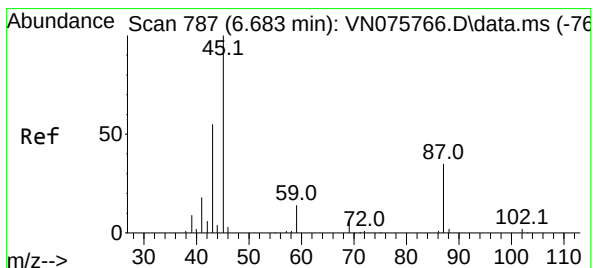
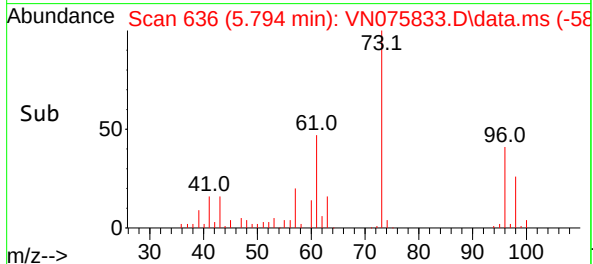
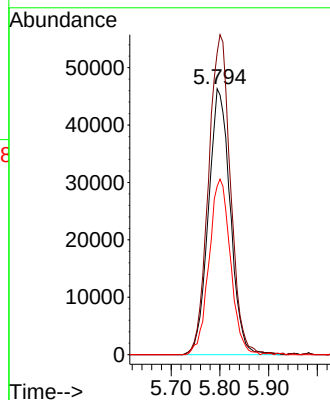
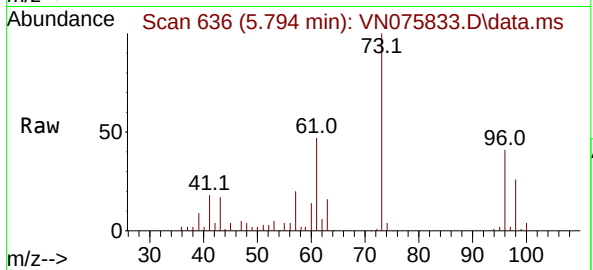
#21
trans-1,2-Dichloroethene
Concen: 45.897 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 143917
Ion Ratio Lower Upper
96 100
61 113.5 98.1 147.1
98 63.4 51.4 77.2

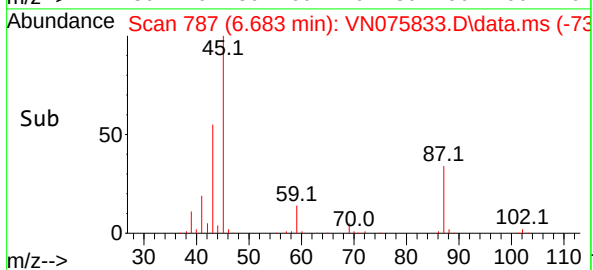
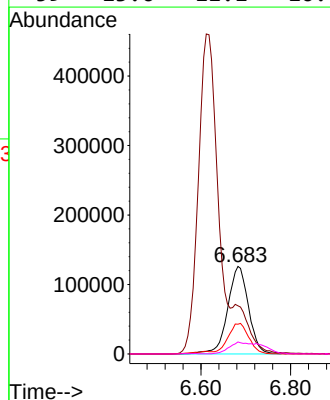
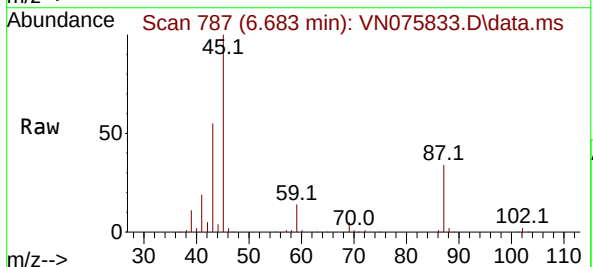
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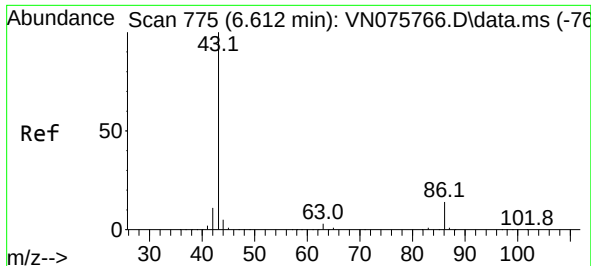
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#22
Diisopropyl ether
Concen: 49.808 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 45 Resp: 404983
Ion Ratio Lower Upper
45 100
43 53.6 44.2 66.4
87 33.9 28.3 42.5
59 13.6 11.1 16.7





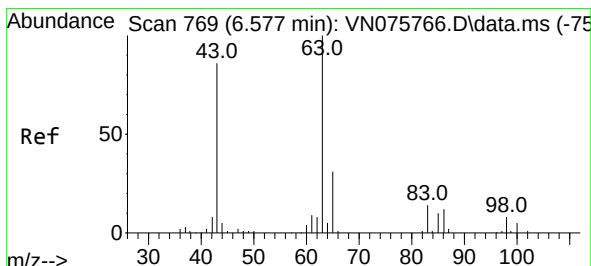
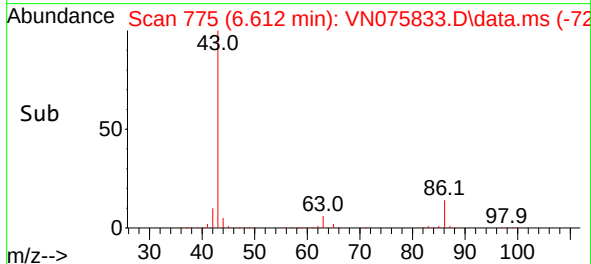
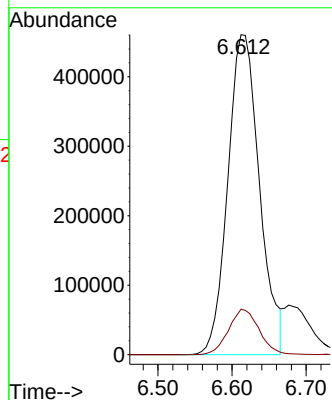
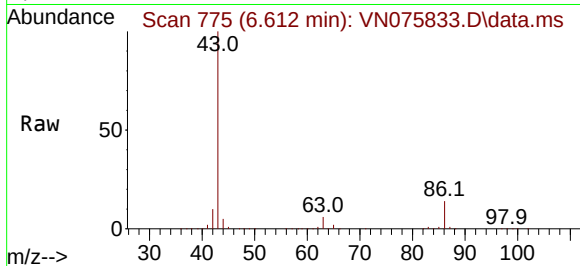
#23
 Vinyl Acetate
 Concen: 250.099 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 136871
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.4 17.2

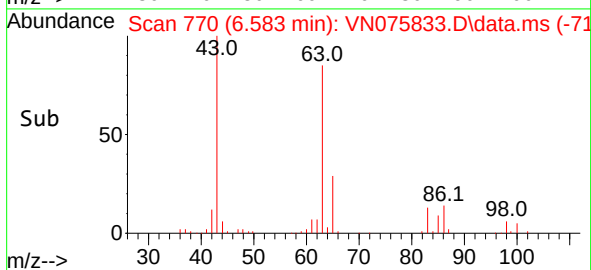
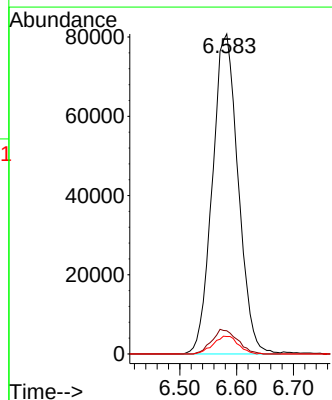
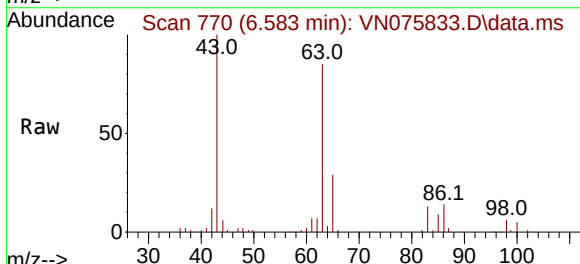
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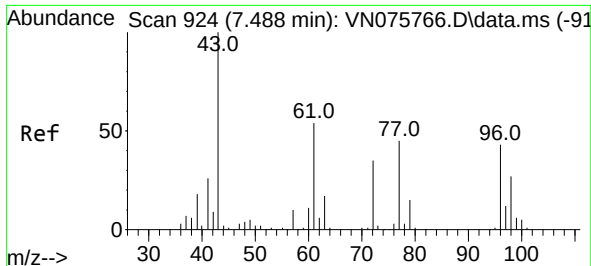
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#24
 1,1-Dichloroethane
 Concen: 46.893 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

Tgt Ion: 63 Resp: 254285
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 5.5 2.5 7.6





#25

2-Butanone

Concen: 239.557 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 406375

Ion Ratio Lower Upper

43 100

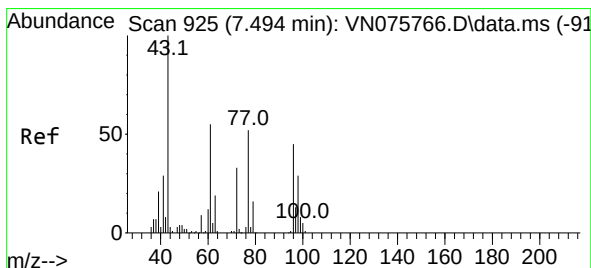
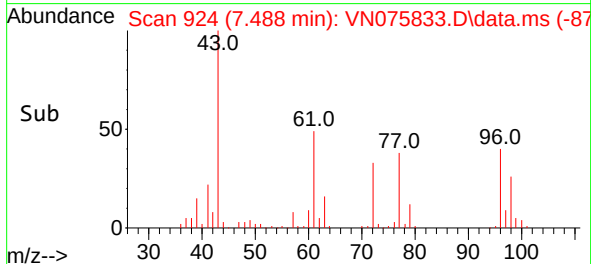
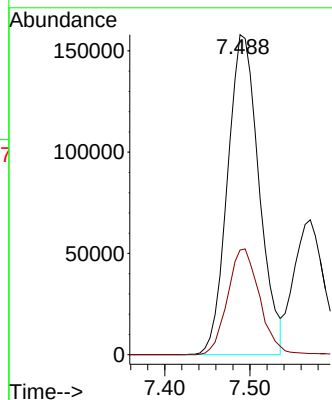
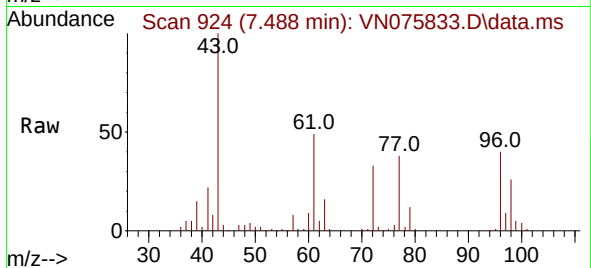
72 32.7 28.0 42.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/16/2022



#26

2,2-Dichloropropane

Concen: 45.196 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075833.D

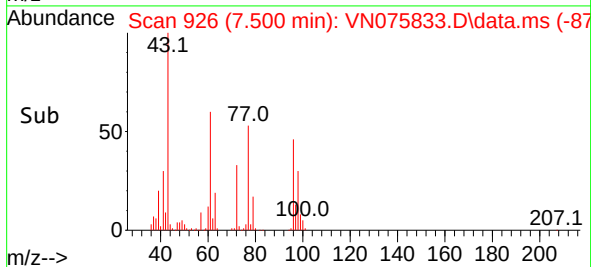
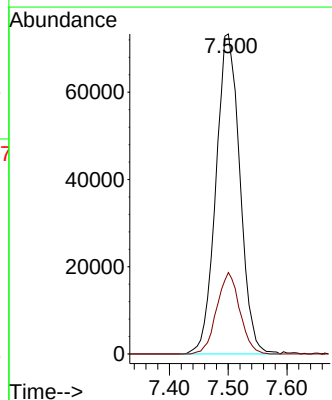
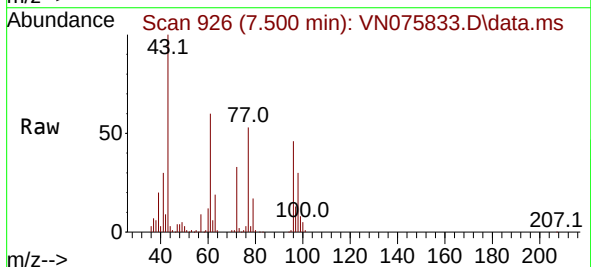
Acq: 15 Dec 2022 21:23

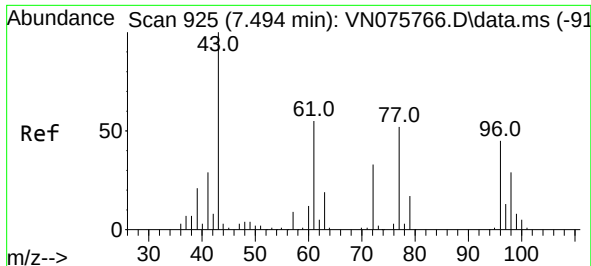
Tgt Ion: 77 Resp: 207549

Ion Ratio Lower Upper

77 100

97 24.5 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 47.850 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075833.D

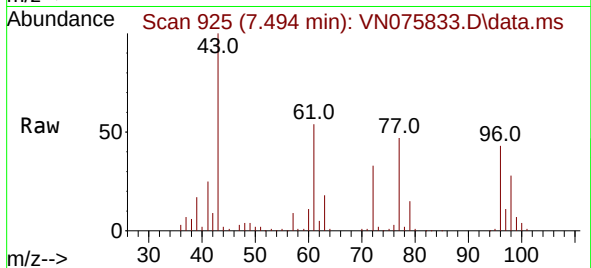
Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



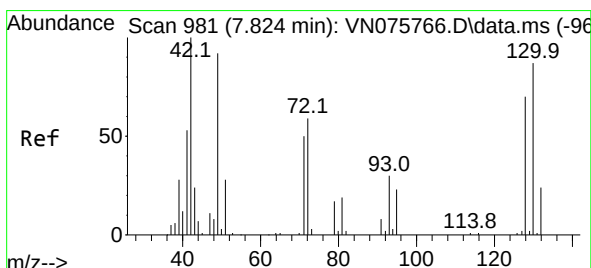
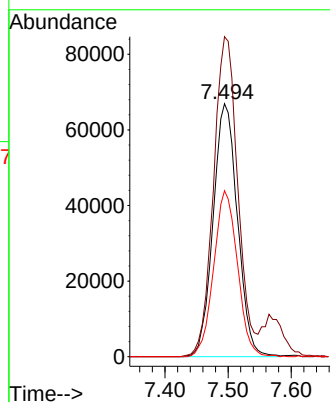
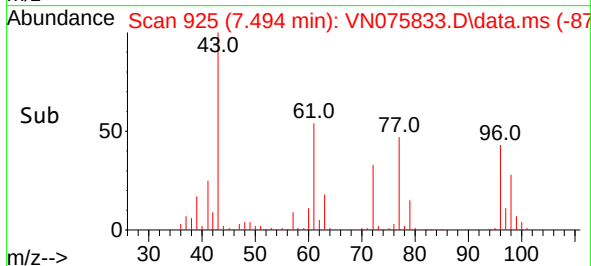
Tgt Ion:	96	Resp:	17944
Ion Ratio	100	Lower	Upper
61	126.4	0.0	247.8
98	64.1	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#28

Bromochloromethane

Concen: 44.280 ug/l

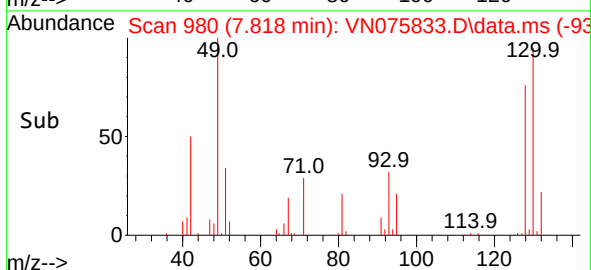
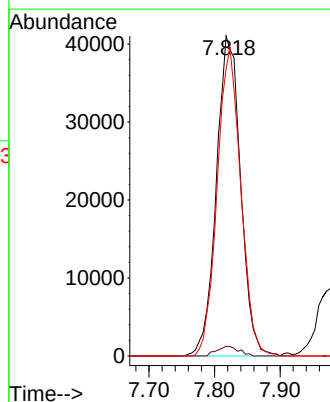
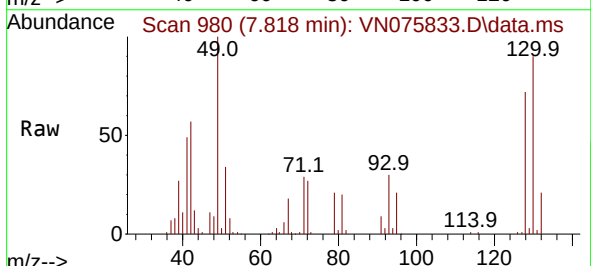
RT: 7.818 min Scan# 980

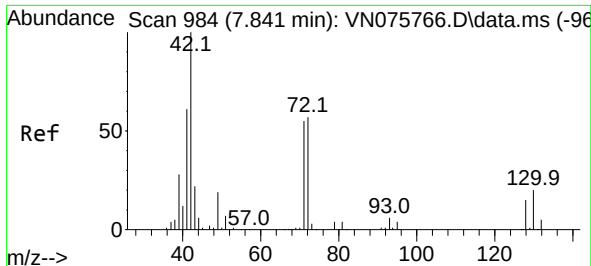
Delta R.T. -0.006 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Tgt Ion:	49	Resp:	105242
Ion Ratio	100	Lower	Upper
129	2.7	0.0	5.0
130	93.7	77.0	115.4





#29

Tetrahydrofuran

Concen: 251.992 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 26788

Ion Ratio Lower Upper

42 100

72 55.2 44.5 66.7

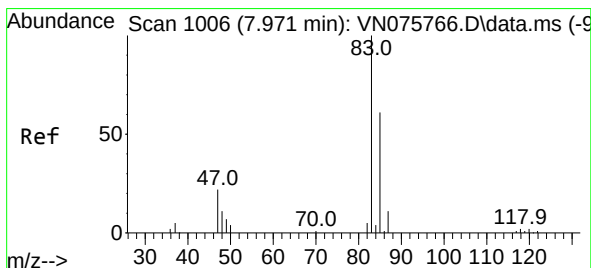
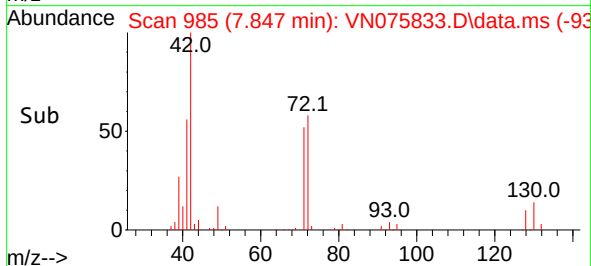
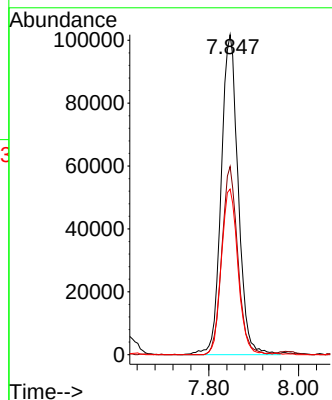
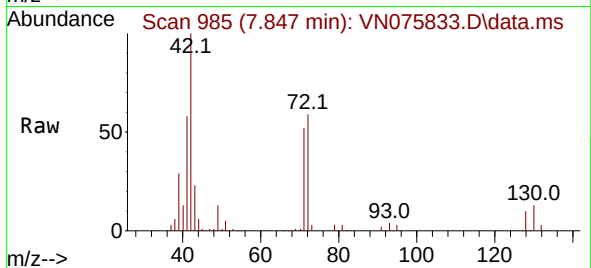
71 50.9 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#30

Chloroform

Concen: 45.972 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075833.D

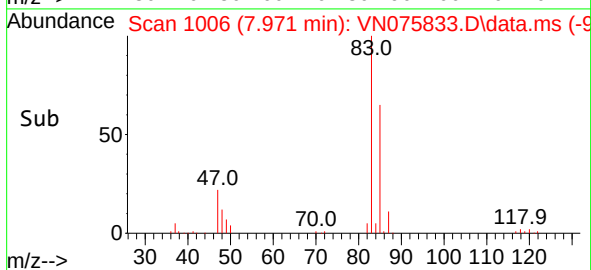
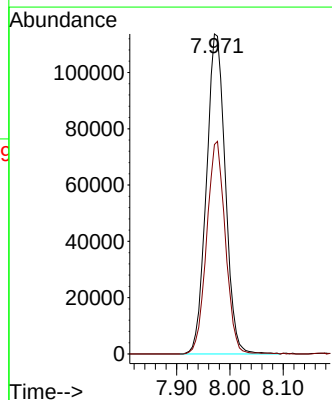
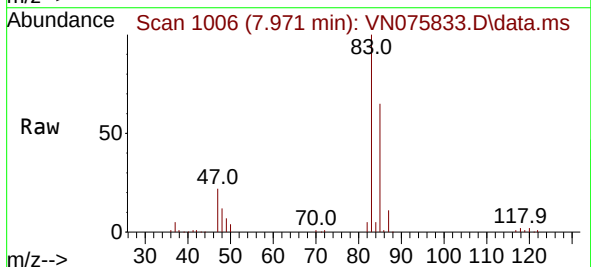
Acq: 15 Dec 2022 21:23

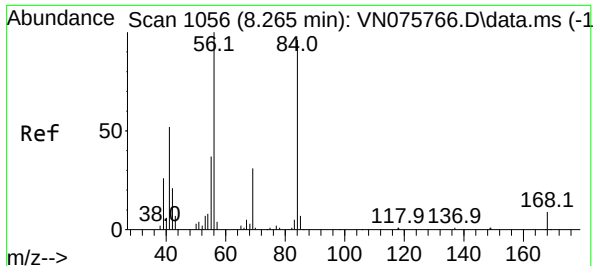
Tgt Ion: 83 Resp: 280677

Ion Ratio Lower Upper

83 100

85 65.4 49.1 73.7





#31

Cyclohexane

Concen: 45.598 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 22951

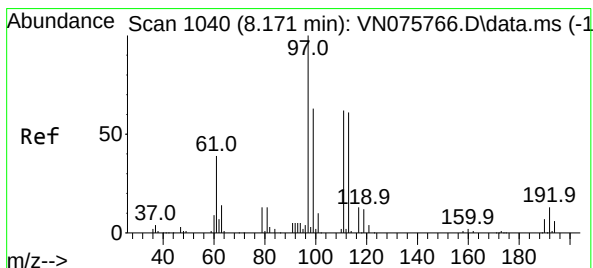
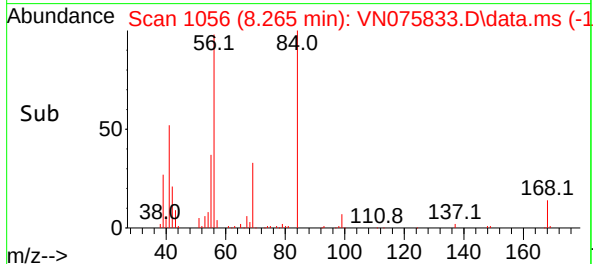
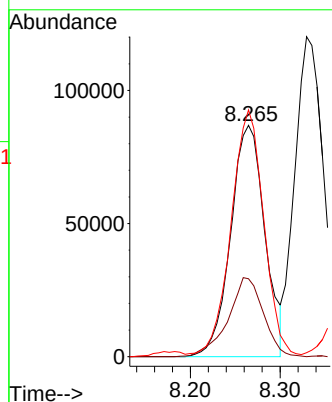
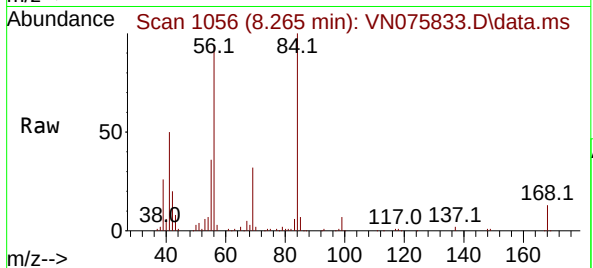
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.7	37.1
84	104.7	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#32

1,1,1-Trichloroethane

Concen: 47.825 ug/l

RT: 8.177 min Scan# 1041

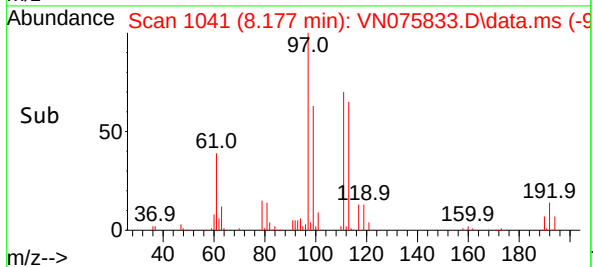
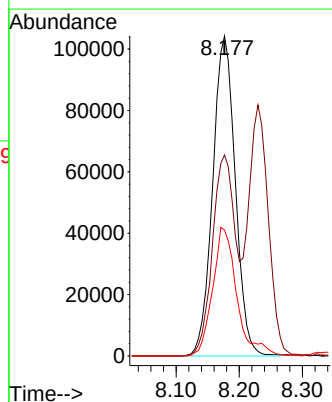
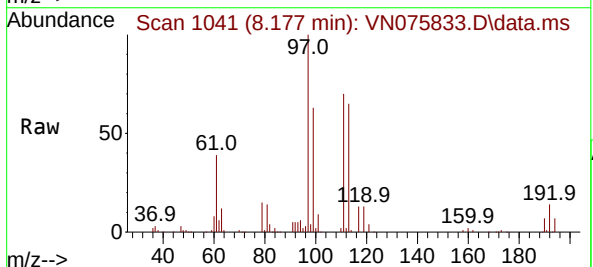
Delta R.T. 0.006 min

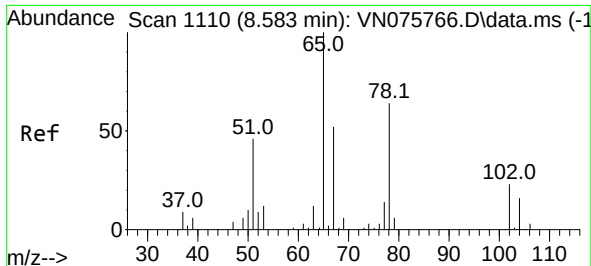
Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Tgt Ion: 97 Resp: 258865

Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.2	75.2
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 52.570 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 184760

Ion Ratio Lower Upper

65 100

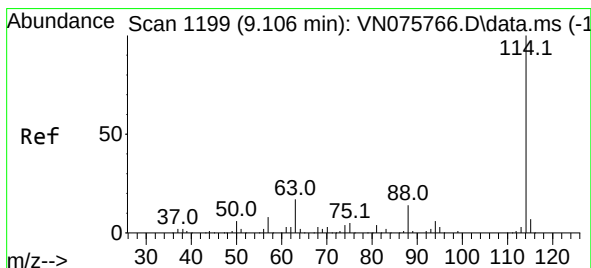
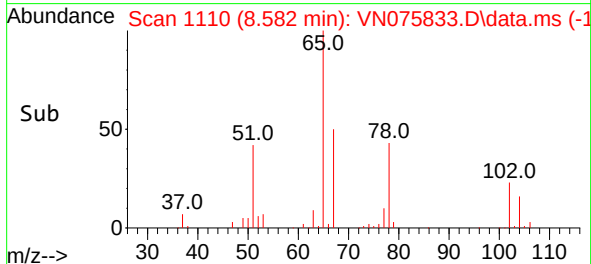
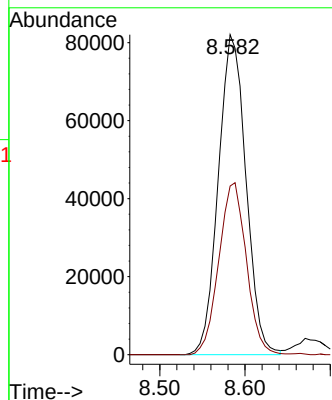
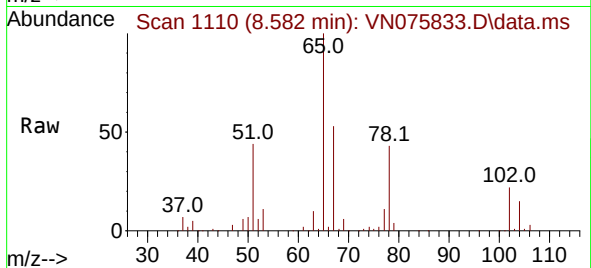
67 53.6 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

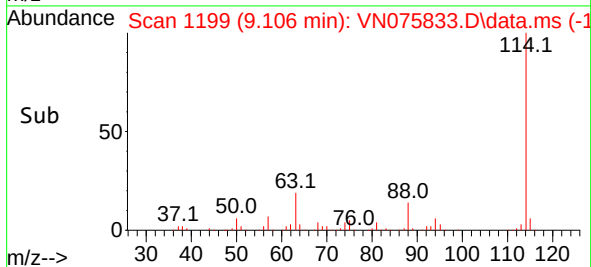
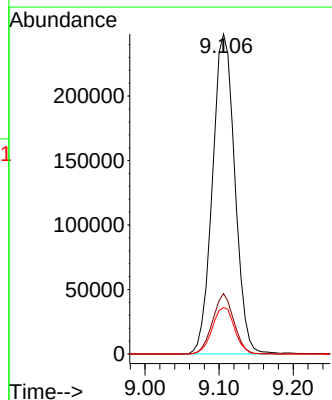
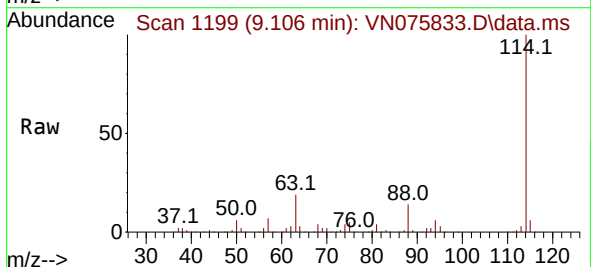
Tgt Ion:114 Resp: 520289

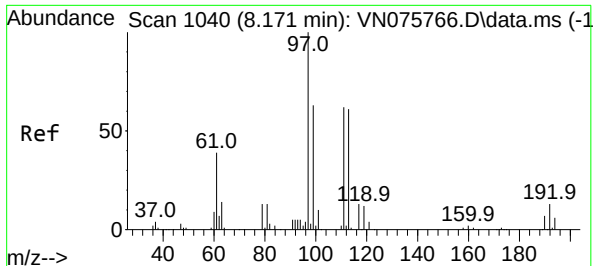
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.304 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 16852

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

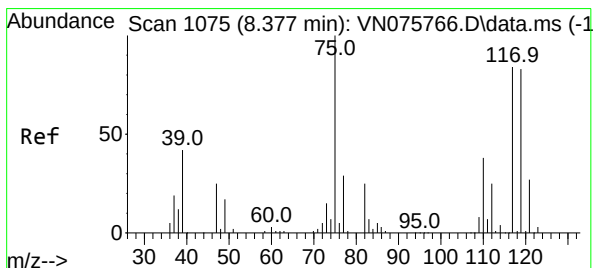
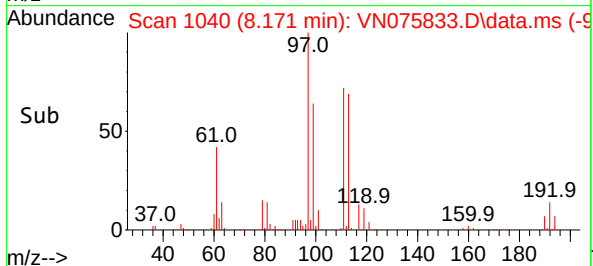
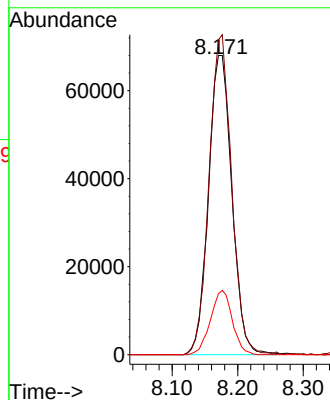
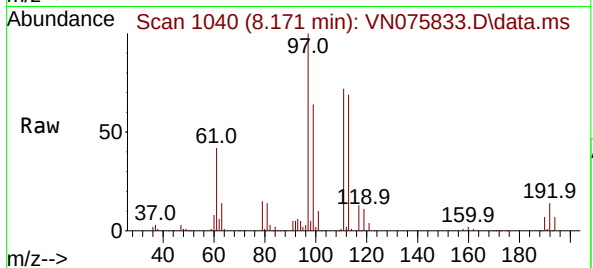
192 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#36

1,1-Dichloropropene

Concen: 48.057 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

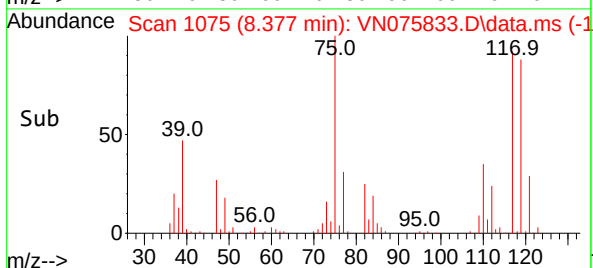
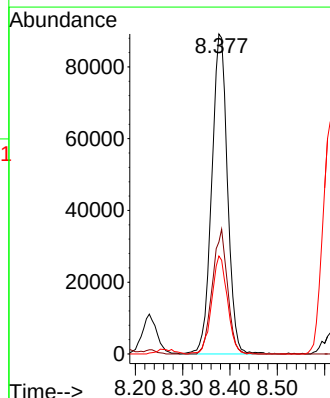
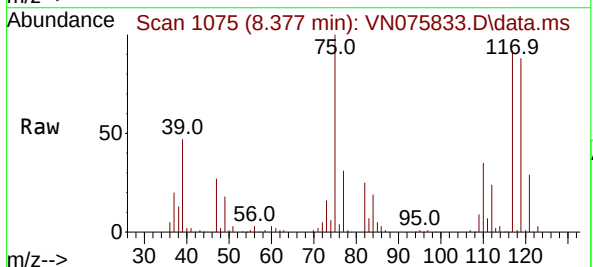
Tgt Ion: 75 Resp: 205694

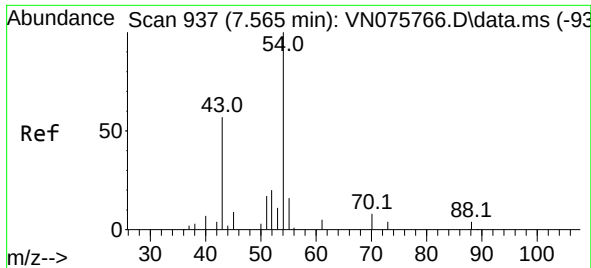
Ion Ratio Lower Upper

75 100

110 37.6 18.8 56.4

77 30.7 24.1 36.1





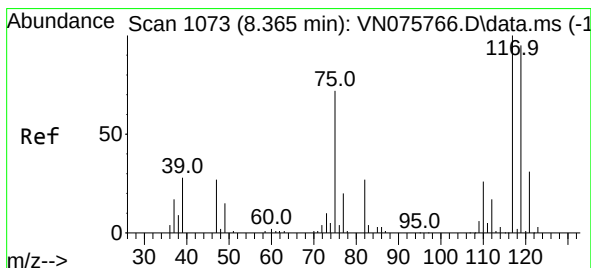
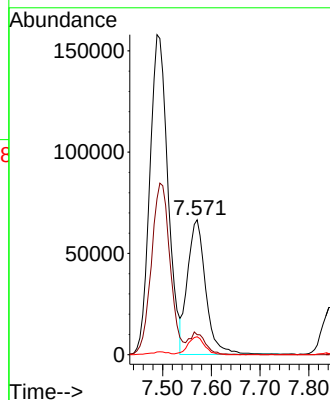
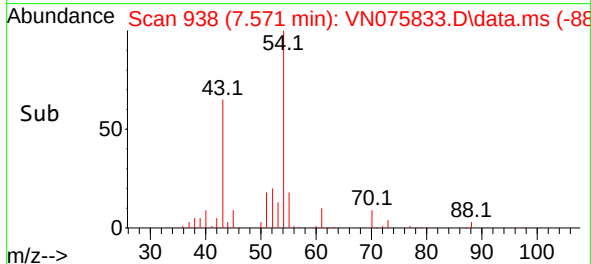
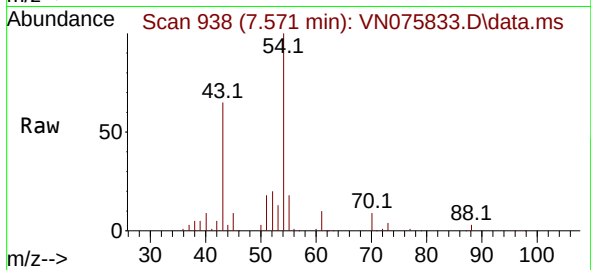
#37
Ethyl Acetate
Concen: 49.868 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 17144
Ion Ratio Lower Upper
43 100
61 14.6 13.0 19.4
70 12.3 9.4 14.0

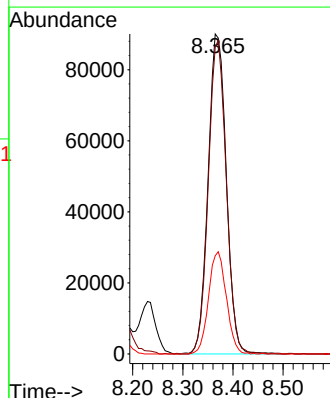
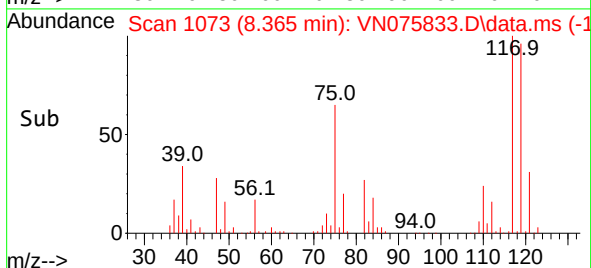
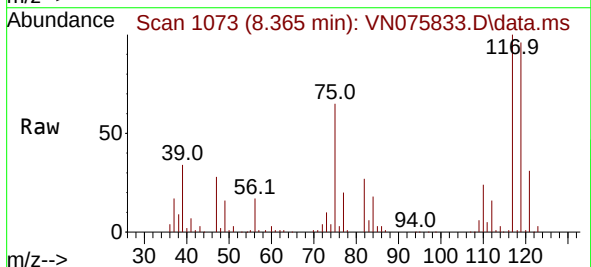
Manual Integrations
APPROVED

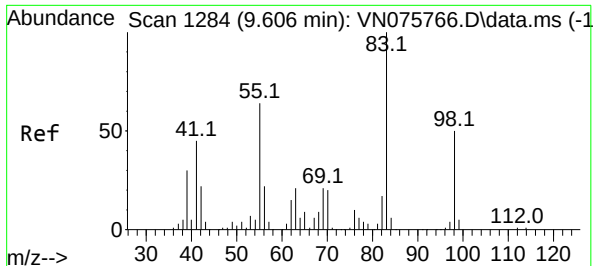
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#38
Carbon Tetrachloride
Concen: 47.544 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

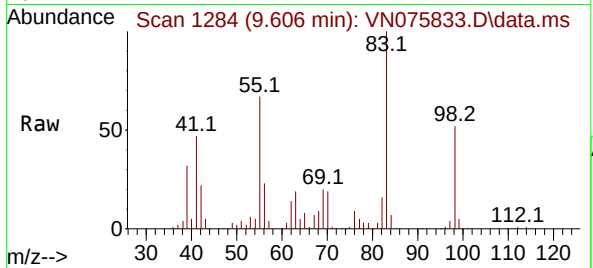
Tgt Ion:117 Resp: 227760
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1
121 30.7 24.5 36.7





#39
Methylcyclohexane
Concen: 51.014 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

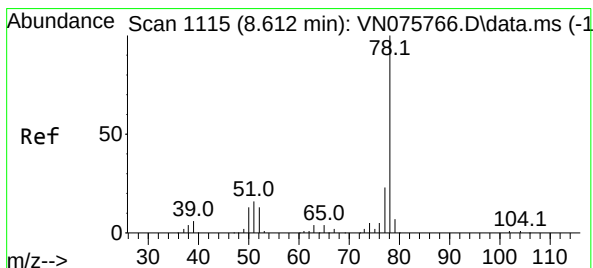
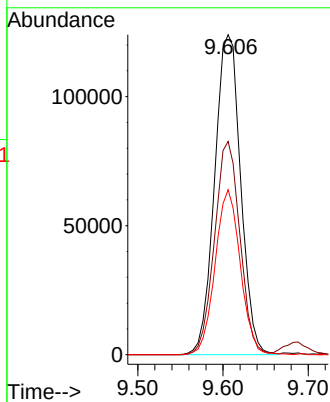
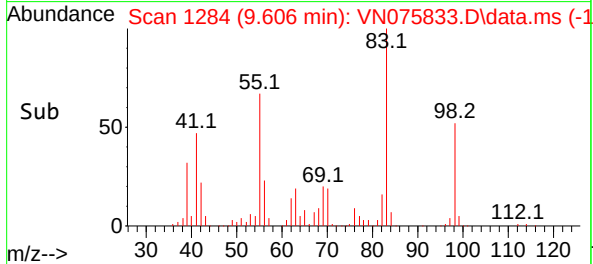
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 263424
Ion Ratio Lower Upper
83 100
55 66.6 51.4 77.0
98 51.5 39.8 59.8

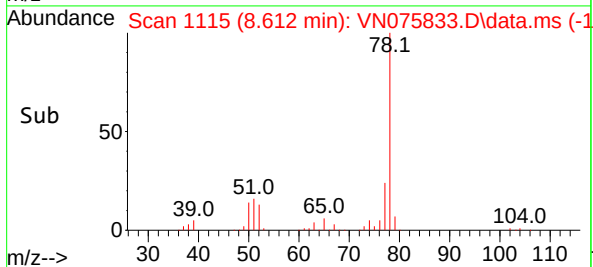
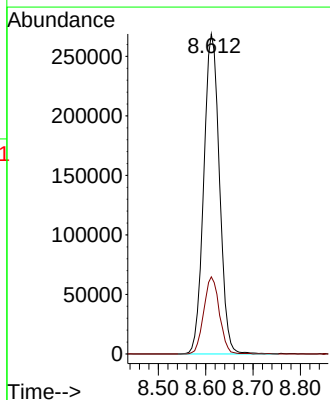
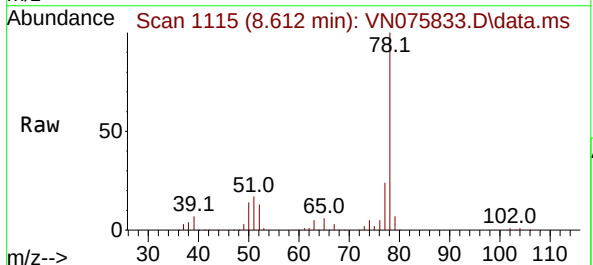
Manual Integrations
APPROVED

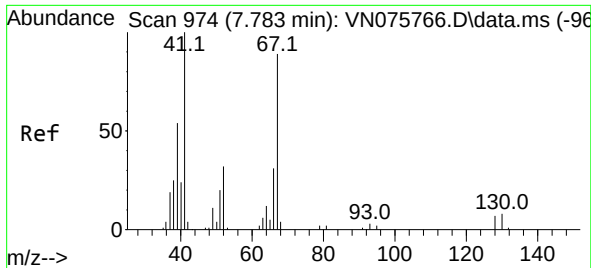
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#40
Benzene
Concen: 46.955 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

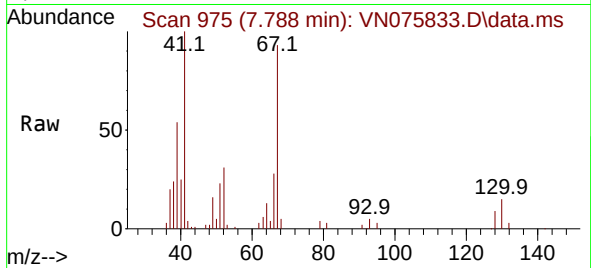
Tgt Ion: 78 Resp: 620091
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7





#41
Methacrylonitrile
Concen: 50.791 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

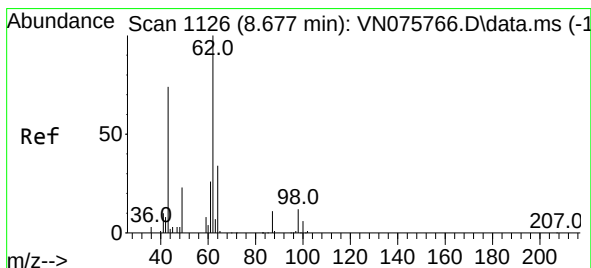
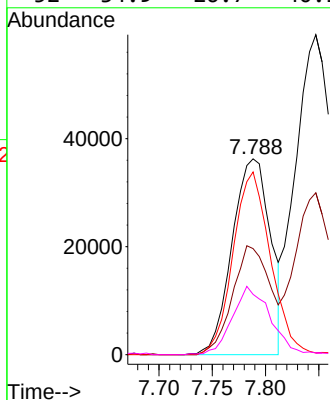
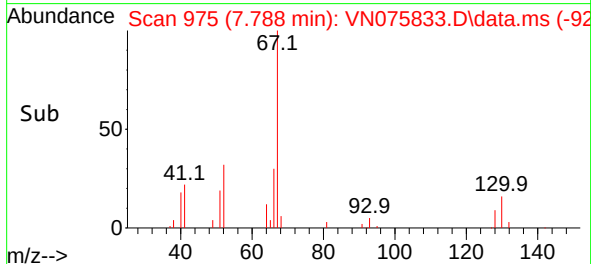
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9076
Ion Ratio Lower Upper
41 100
39 54.3 43.1 64.7
67 91.4 70.7 106.1
52 34.9 26.7 40.1

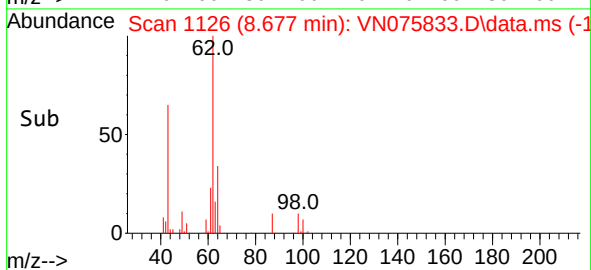
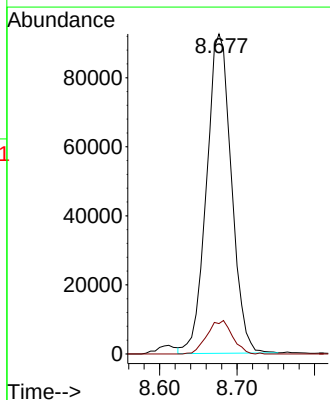
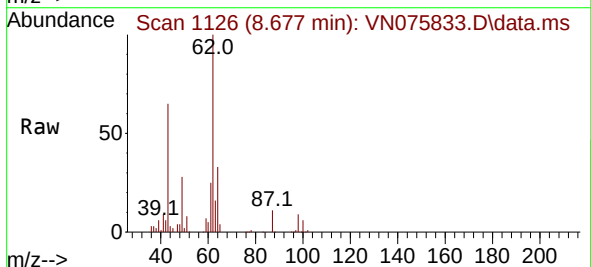
Manual Integrations
APPROVED

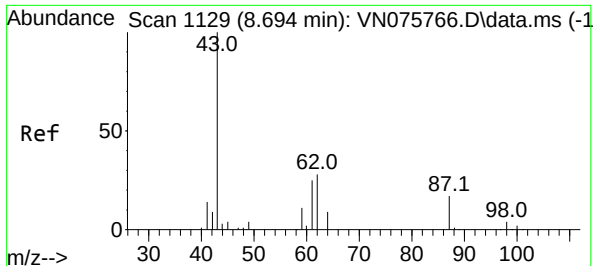
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#42
1,2-Dichloroethane
Concen: 47.094 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

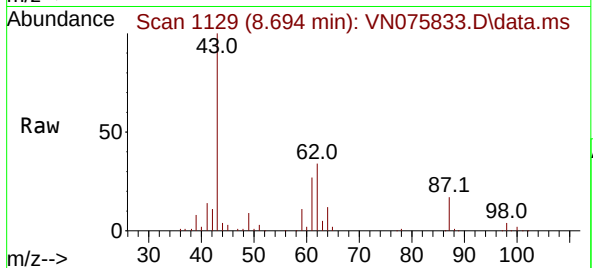
Tgt Ion: 62 Resp: 206763
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43
Isopropyl Acetate
Concen: 51.341 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

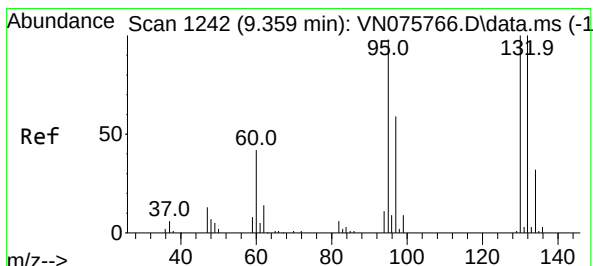
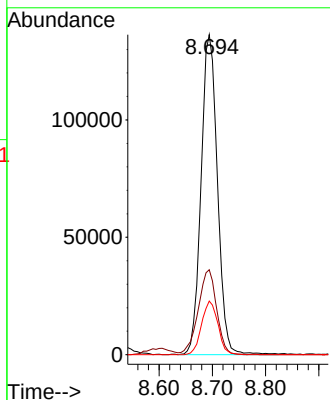
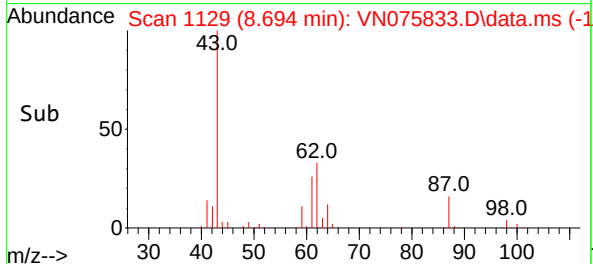
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 291172
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 16.7 13.3 19.9

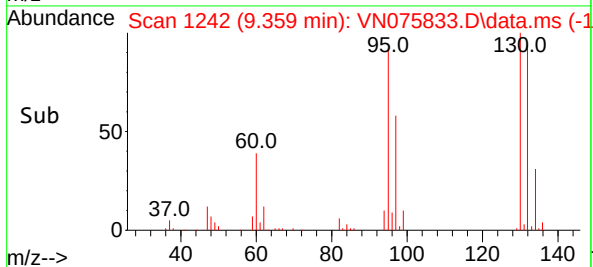
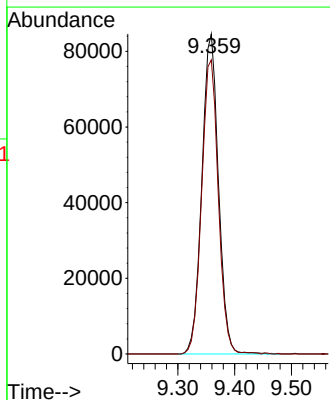
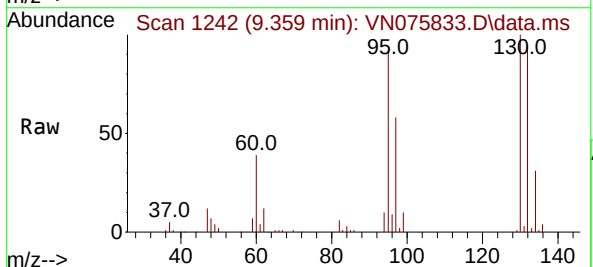
Manual Integrations
APPROVED

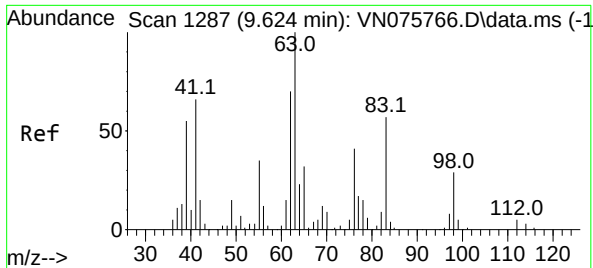
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#44
Trichloroethene
Concen: 45.985 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion:130 Resp: 171080
Ion Ratio Lower Upper
130 100
95 91.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 47.038 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 151162

Ion Ratio Lower Upper

63 100

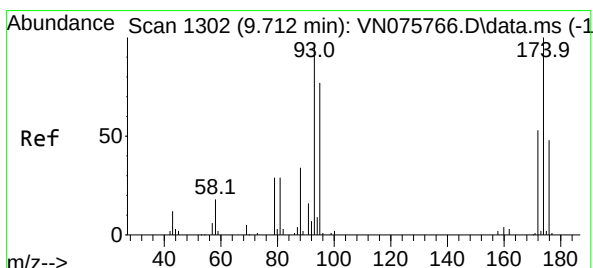
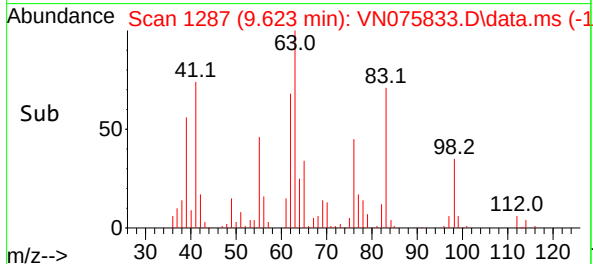
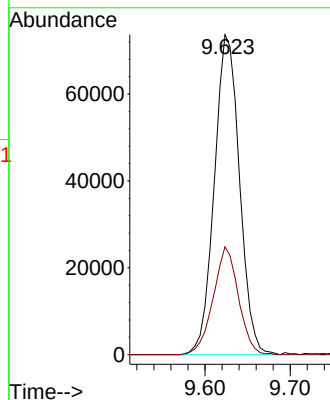
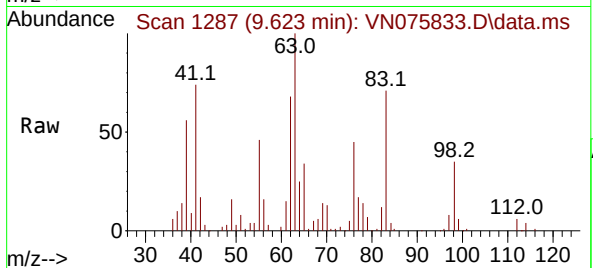
65 33.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#46

Dibromomethane

Concen: 47.356 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

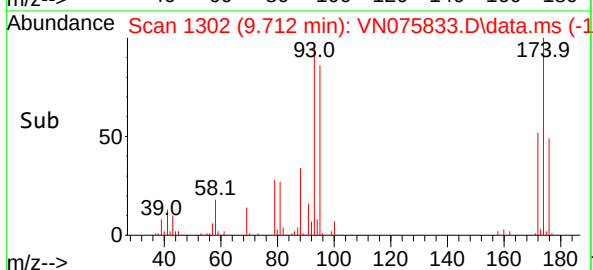
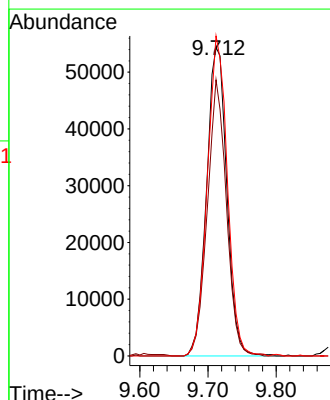
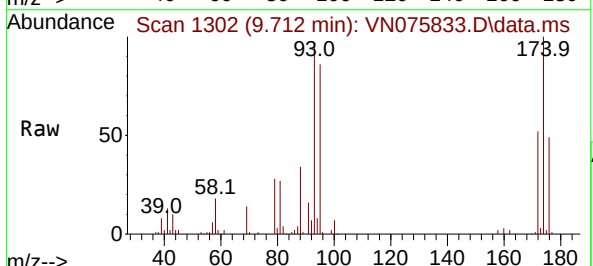
Tgt Ion: 93 Resp: 112875

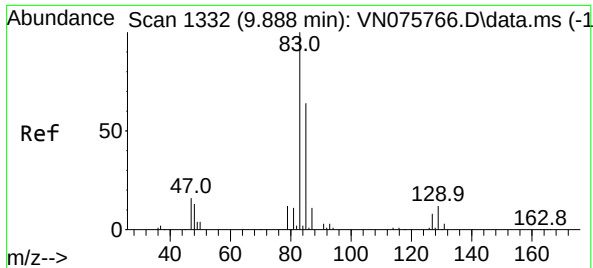
Ion Ratio Lower Upper

93 100

95 84.1 65.2 97.8

174 102.4 82.4 123.6





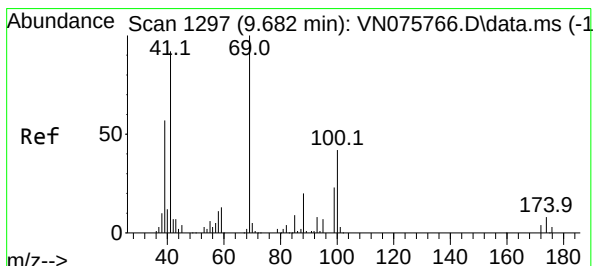
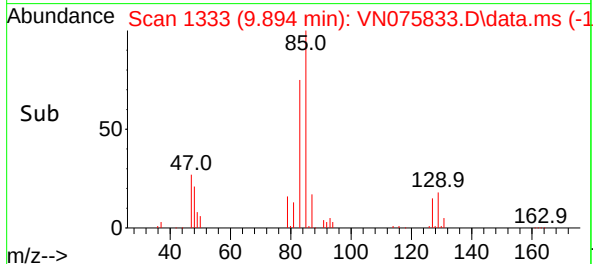
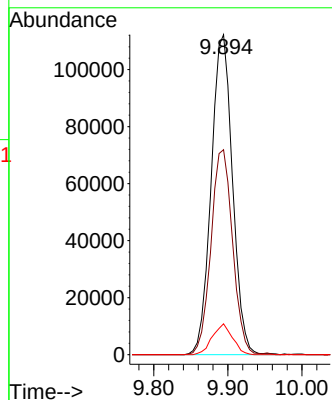
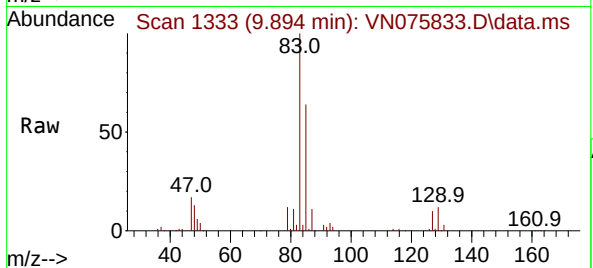
#47
Bromodichloromethane
Concen: 47.960 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 224172
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3
127 9.6 6.6 10.0

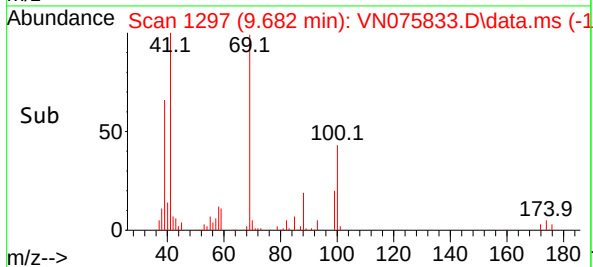
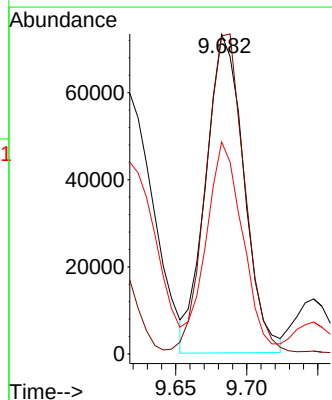
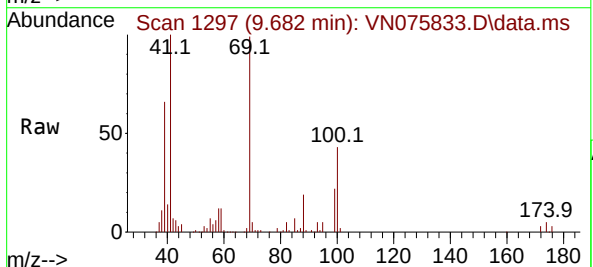
Manual Integrations
APPROVED

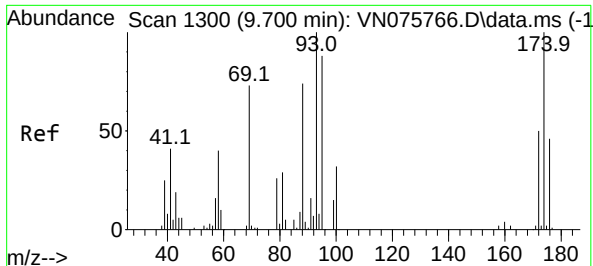
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#48
Methyl methacrylate
Concen: 53.636 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 41 Resp: 137005
Ion Ratio Lower Upper
41 100
69 102.0 81.9 122.9
39 64.5 51.6 77.4





#49

1,4-Dioxane

Concen: 948.368 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 59554

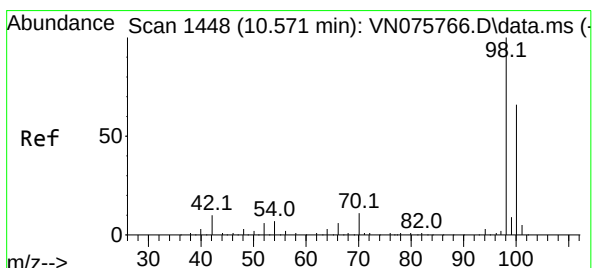
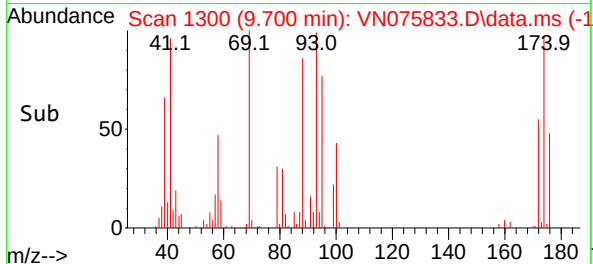
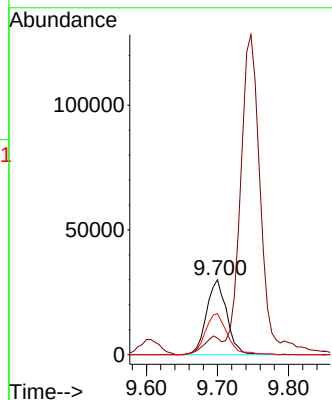
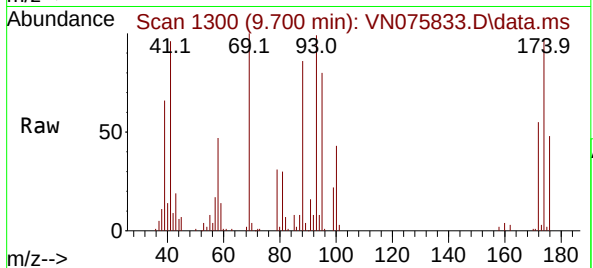
Ion	Ratio	Lower	Upper
88	100		
43	21.2	17.1	25.7
58	59.9	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#50

Toluene-d8

Concen: 53.630 ug/l

RT: 10.570 min Scan# 1448

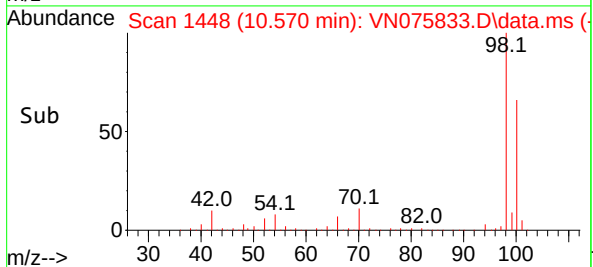
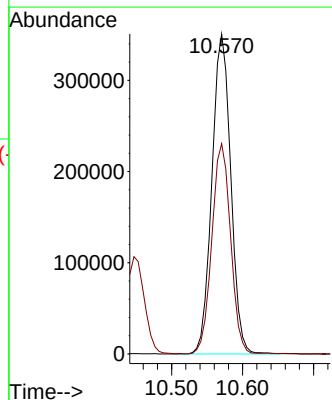
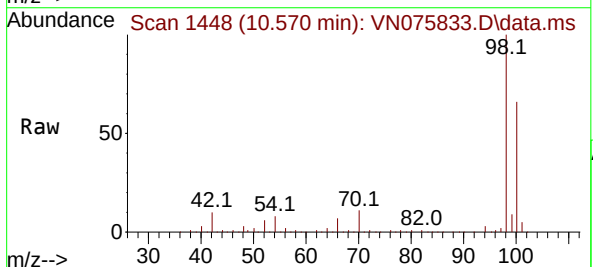
Delta R.T. -0.000 min

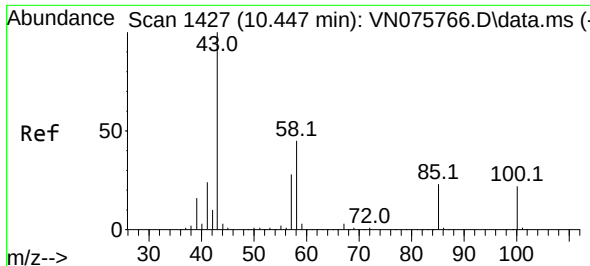
Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Tgt Ion: 98 Resp: 646085

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





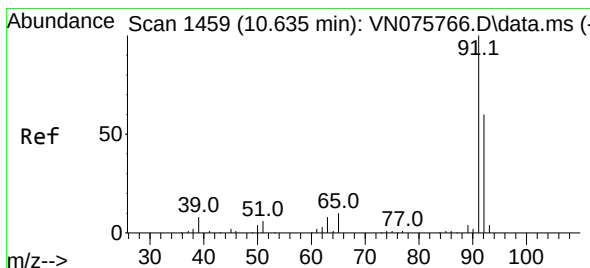
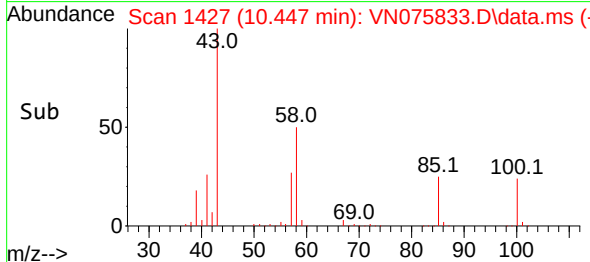
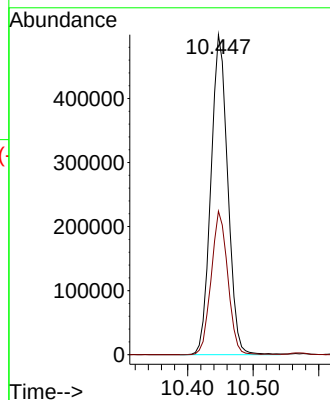
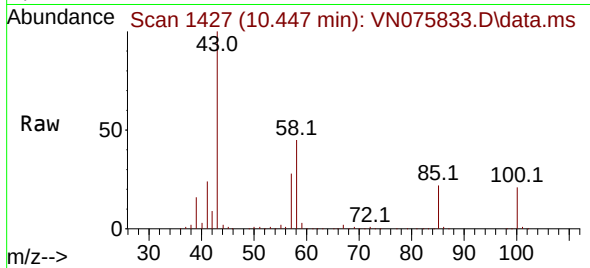
#51
4-Methyl-2-Pentanone
Concen: 259.790 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 891023
Ion Ratio Lower Upper
43 100
58 44.2 35.5 53.3

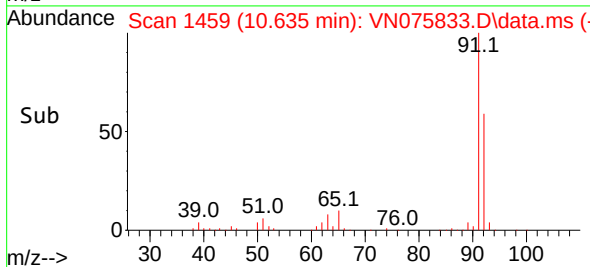
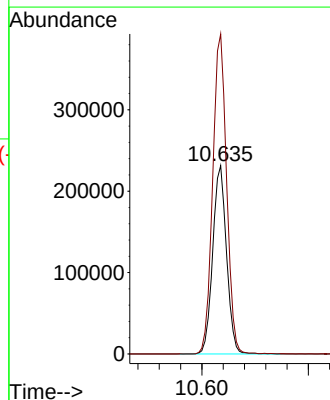
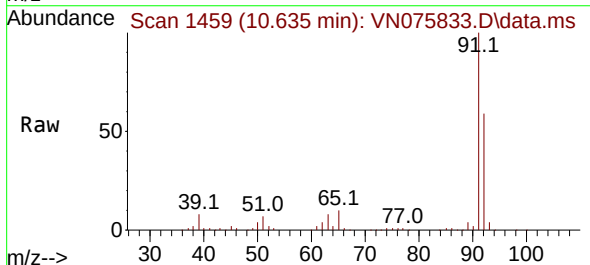
Manual Integrations
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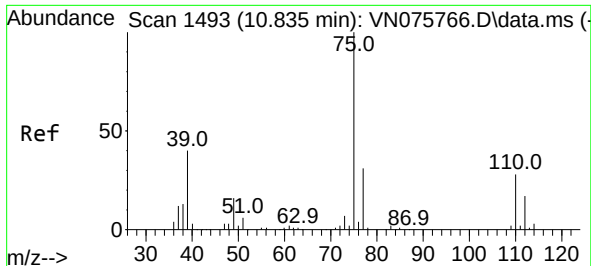
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#52
Toluene
Concen: 48.406 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion: 92 Resp: 416323
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9





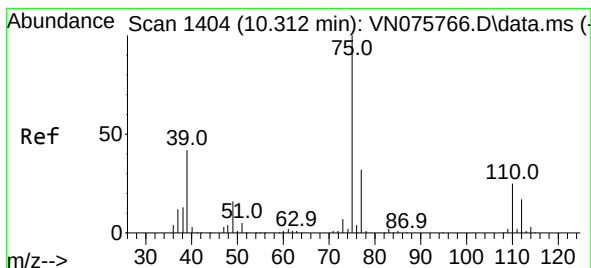
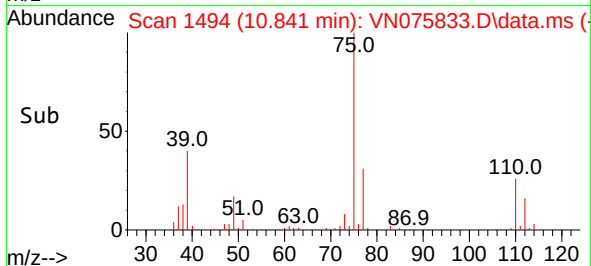
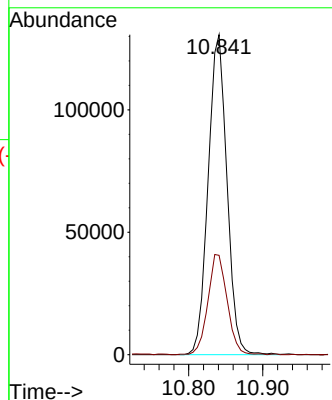
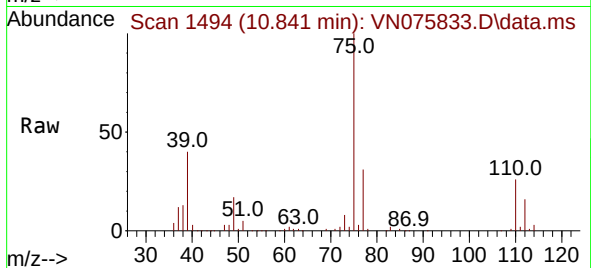
#53
 t-1,3-Dichloropropene
 Concen: 50.328 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 230278
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3

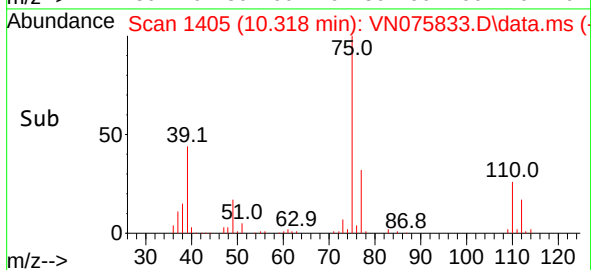
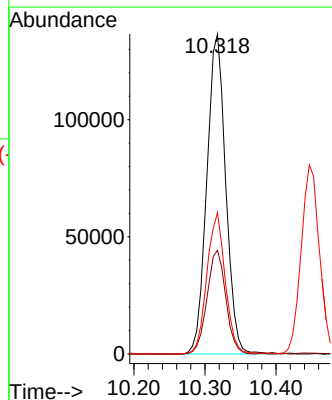
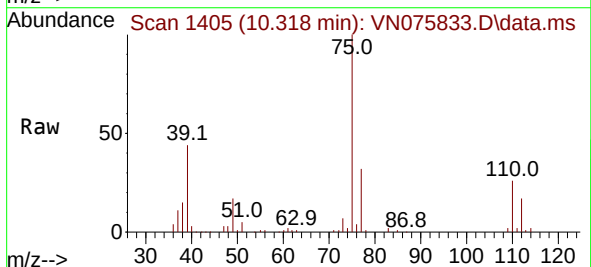
Manual Integrations
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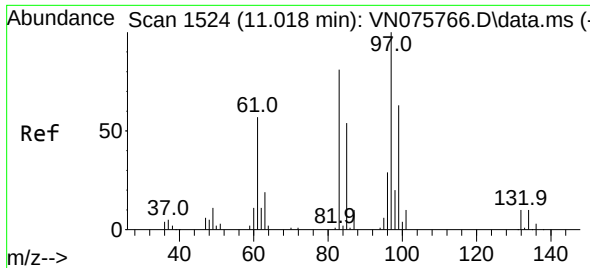
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 50.288 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

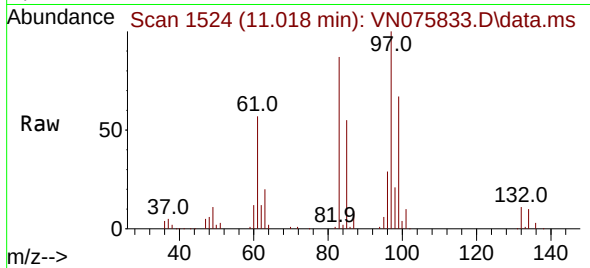
Tgt Ion: 75 Resp: 252629
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8
 39 44.1 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 48.252 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

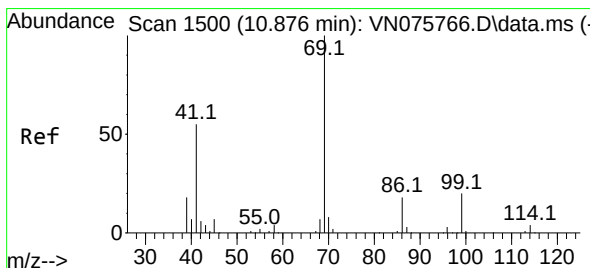
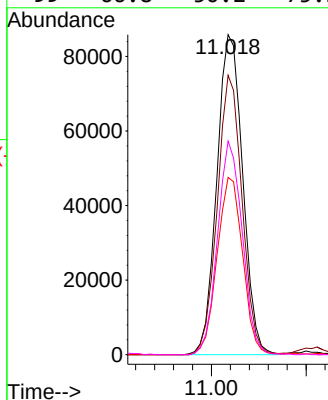
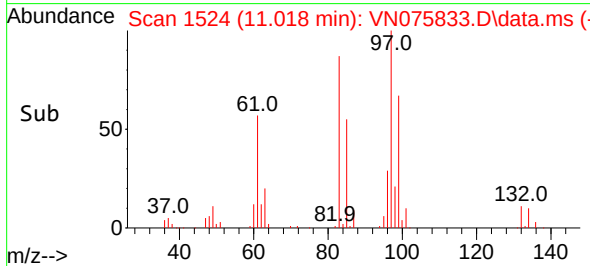
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 16288
Ion Ratio Lower Upper
97 100
83 87.3 65.0 97.4
85 55.4 43.0 64.6
99 66.8 50.2 75.2

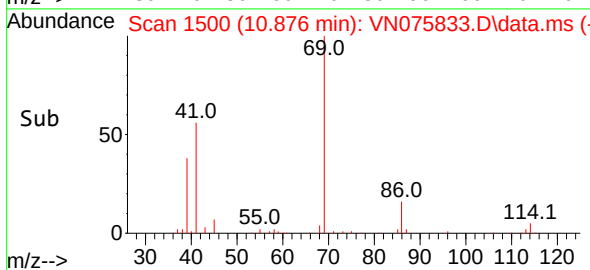
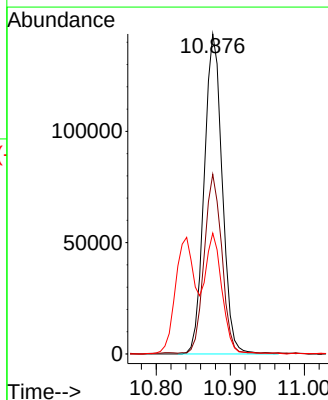
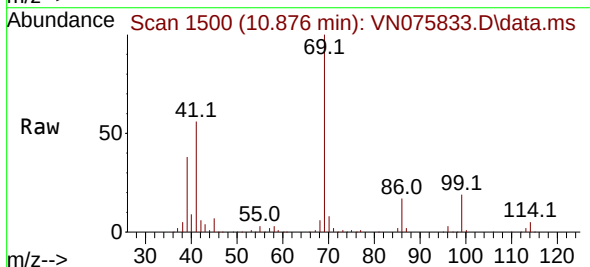
Manual Integrations
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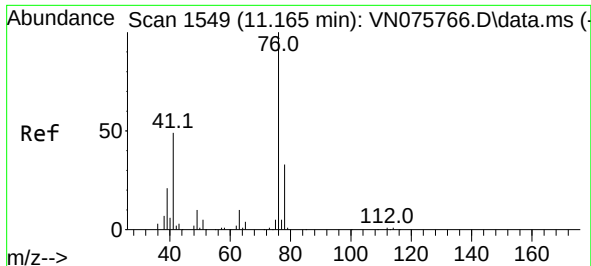
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#56
Ethyl methacrylate
Concen: 54.035 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

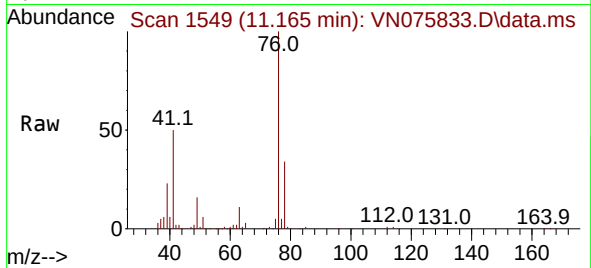
Tgt Ion: 69 Resp: 242294
Ion Ratio Lower Upper
69 100
41 54.2 44.2 66.4
39 34.5 26.4 39.6





#57
1,3-Dichloropropane
Concen: 48.450 ug/l
RT: 11.165 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

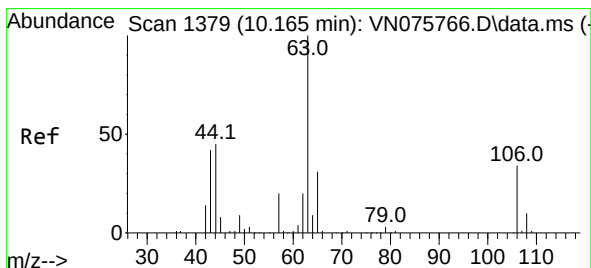
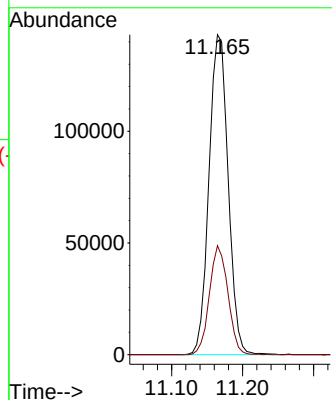
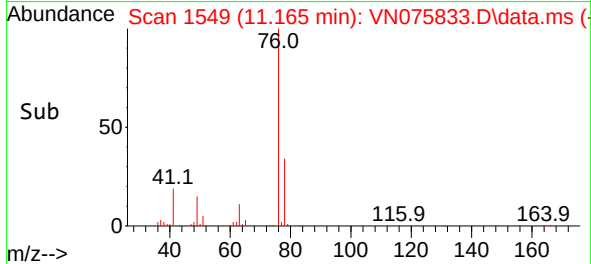
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26828
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

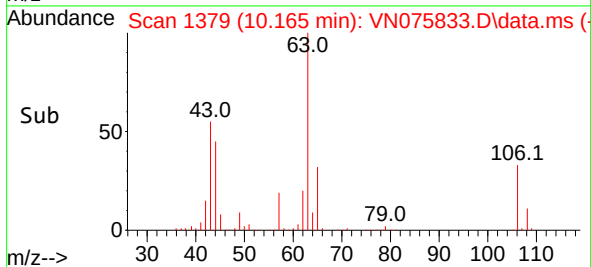
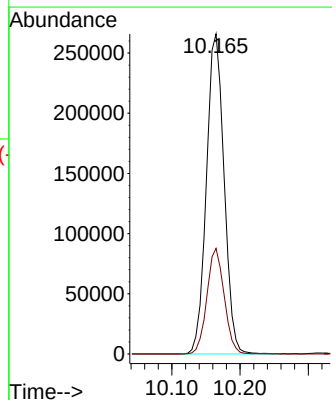
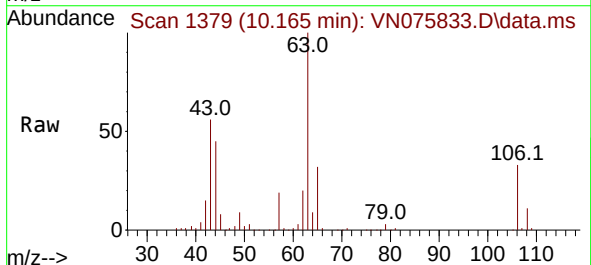
Manual Integrations
APPROVED

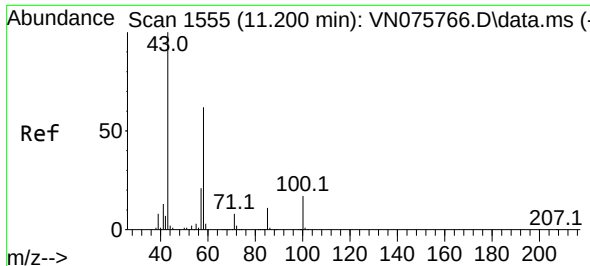
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 335.482 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

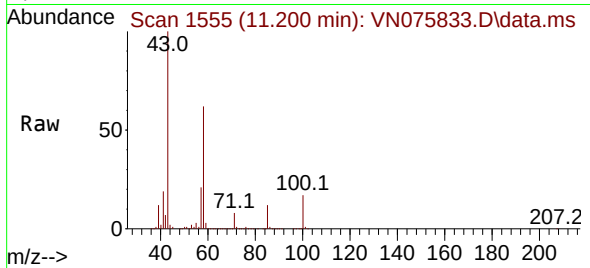
Tgt Ion: 63 Resp: 478941
Ion Ratio Lower Upper
63 100
106 32.3 26.4 39.6





#59
2-Hexanone
Concen: 260.155 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

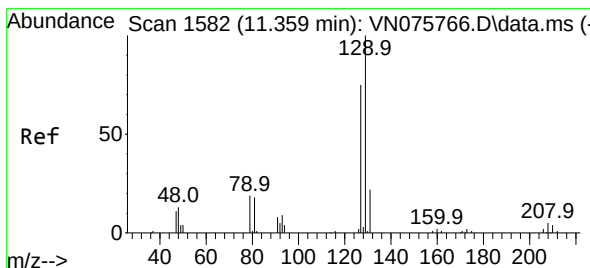
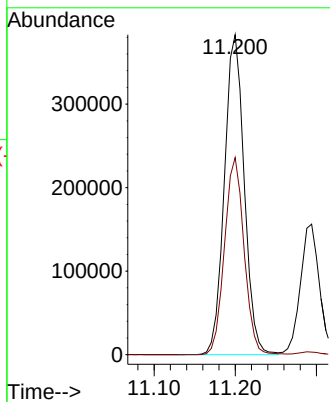
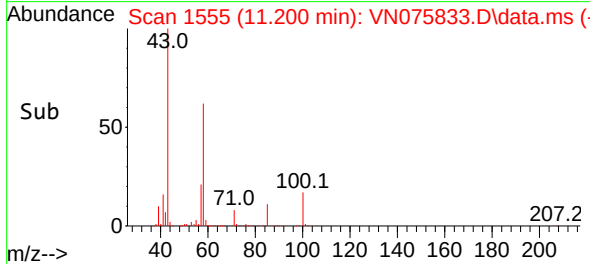
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65070
Ion Ratio Lower Upper
43 100
58 60.7 30.6 92.0

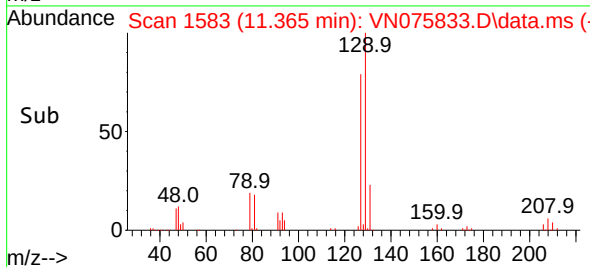
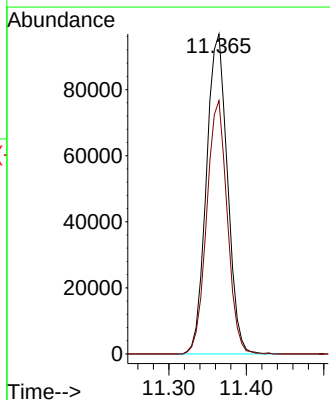
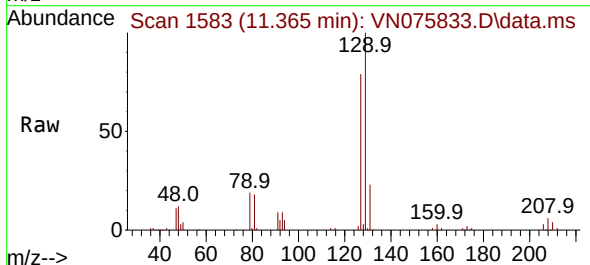
Manual Integrations
APPROVED

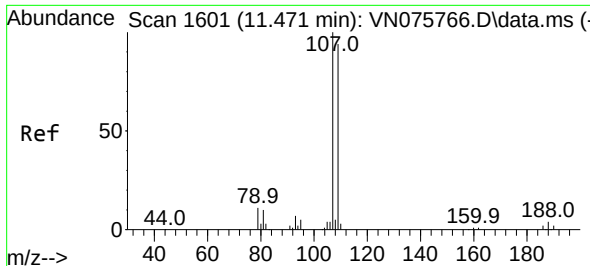
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#60
Dibromochloromethane
Concen: 48.592 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

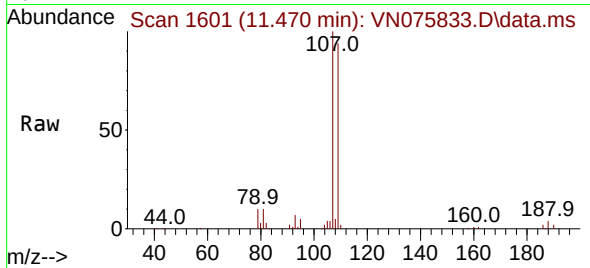
Tgt Ion:129 Resp: 182426
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61
1,2-Dibromoethane
Concen: 49.730 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

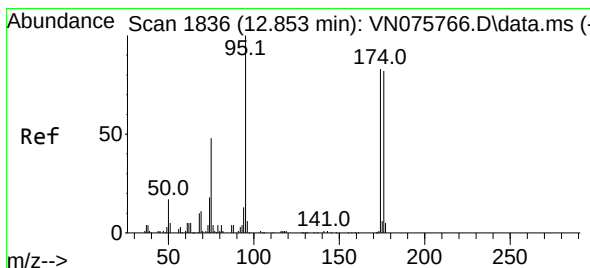
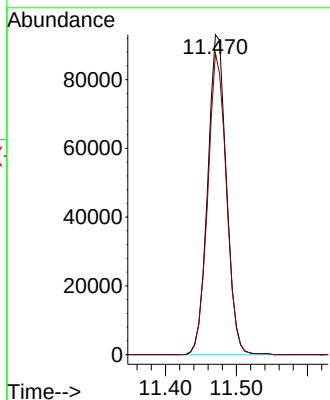
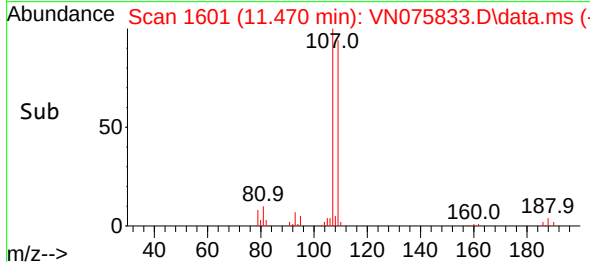
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



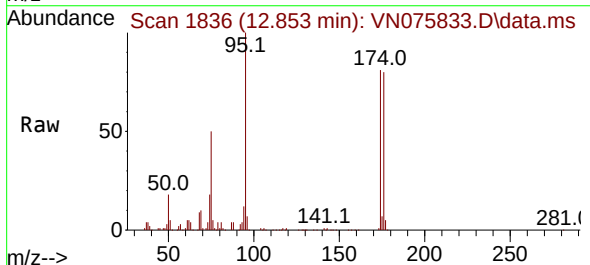
Tgt Ion:107 Resp: 16988
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2

Manual Integrations
APPROVED

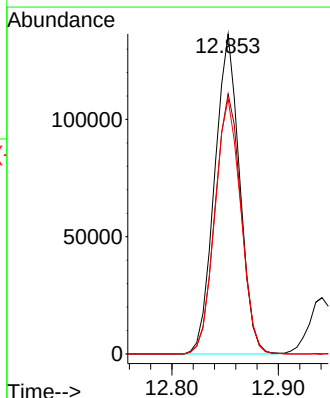
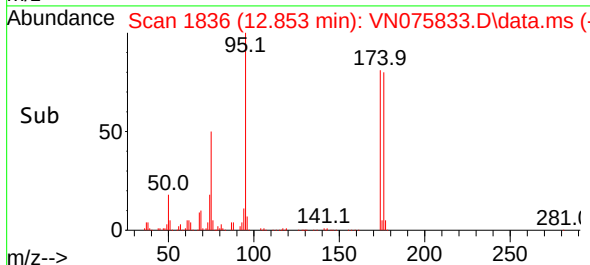
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

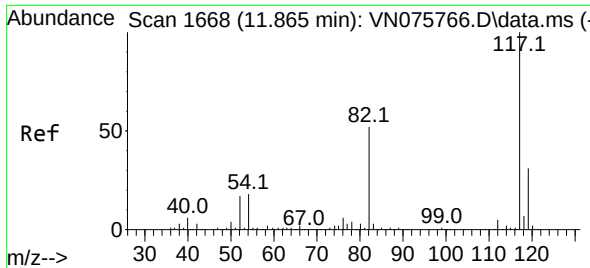


#62
4-Bromofluorobenzene
Concen: 55.536 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



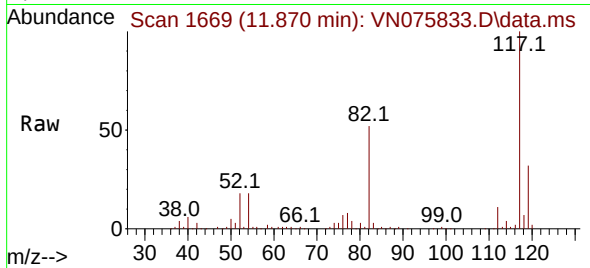
Tgt Ion: 95 Resp: 221595
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.6
176 82.6 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

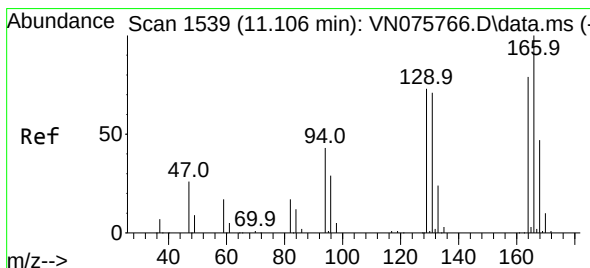
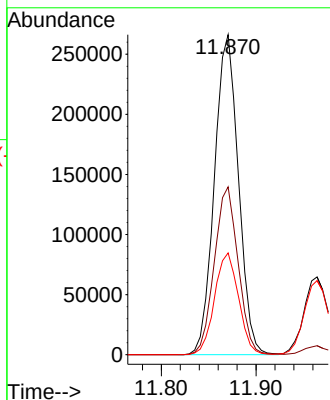
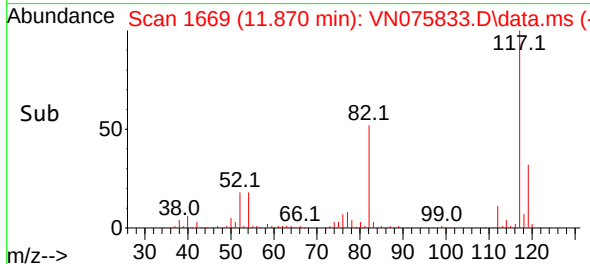
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 469415
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 31.8 24.6 37.0

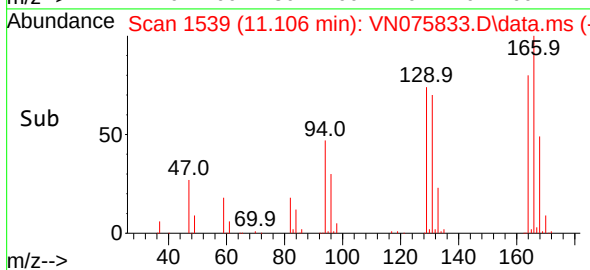
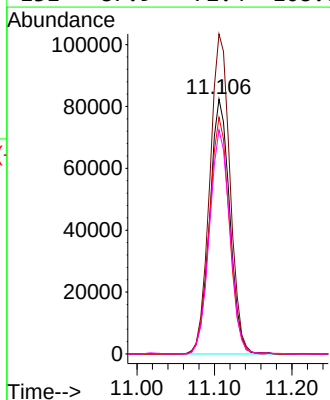
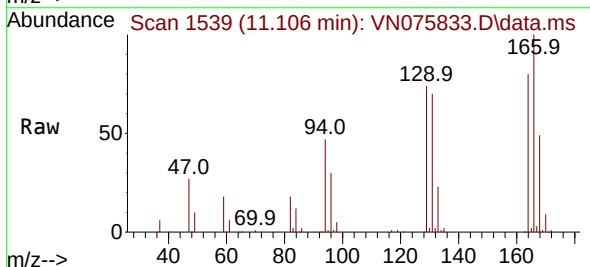
Manual Integrations
APPROVED

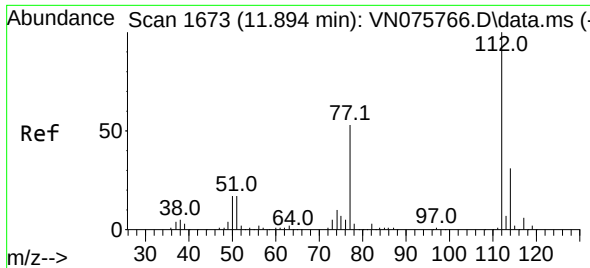
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#64
Tetrachloroethene
Concen: 44.815 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

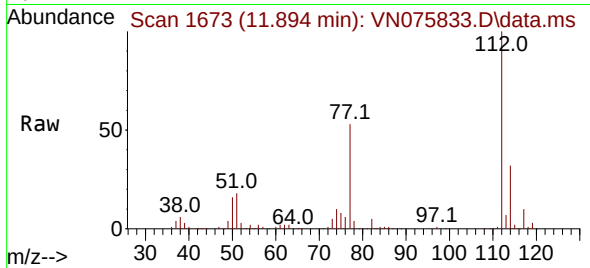
Tgt Ion:164 Resp: 148032
Ion Ratio Lower Upper
164 100
166 125.6 101.9 152.9
129 92.9 74.2 111.2
131 87.9 72.4 108.6





#65
Chlorobenzene
Concen: 46.692 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

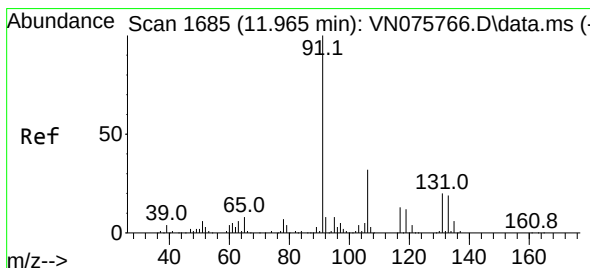
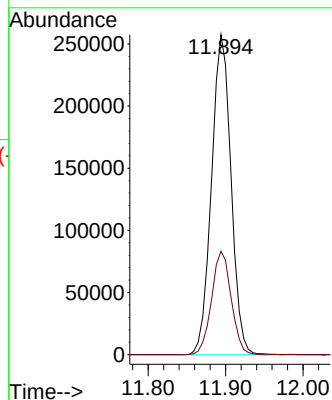
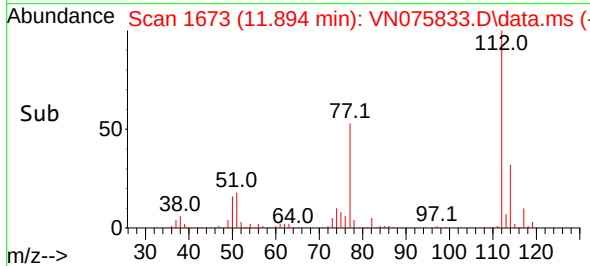
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



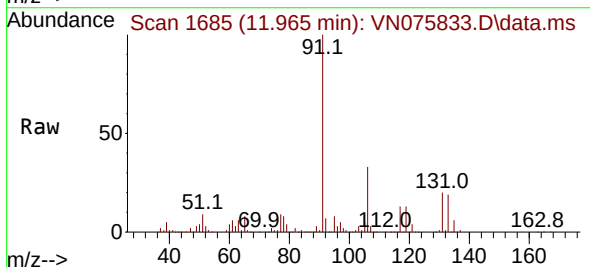
Tgt Ion:112 Resp: 44985
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1

Manual Integrations
APPROVED

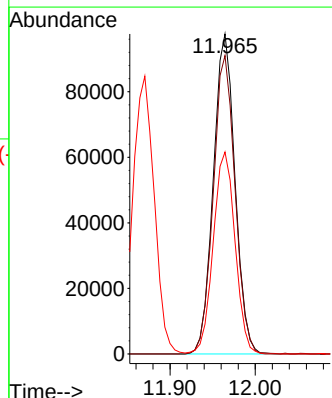
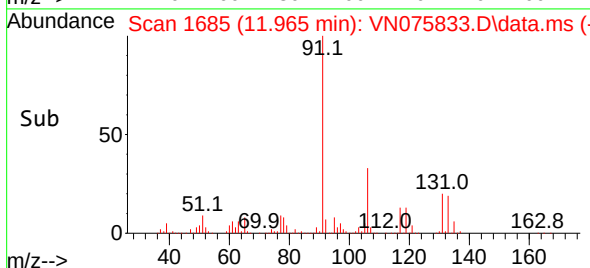
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

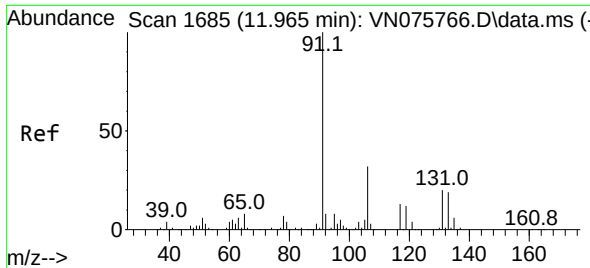


#66
1,1,1,2-Tetrachloroethane
Concen: 48.299 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



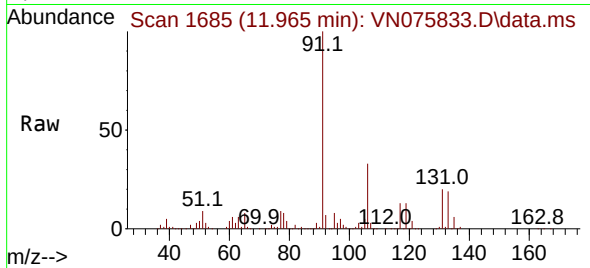
Tgt Ion:131 Resp: 172361
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 63.6 31.9 95.7





#67
Ethyl Benzene
Concen: 50.140 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

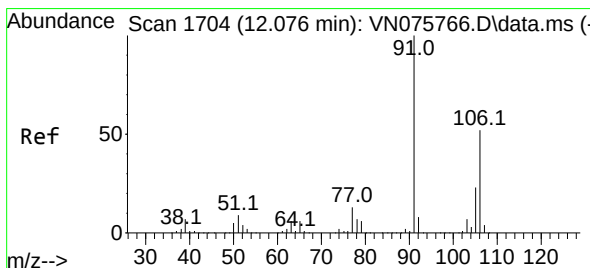
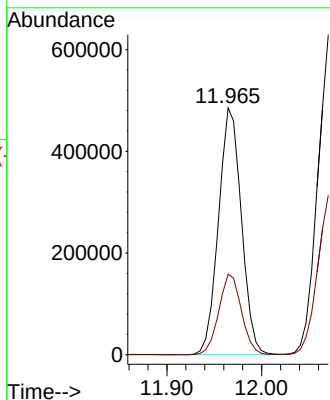
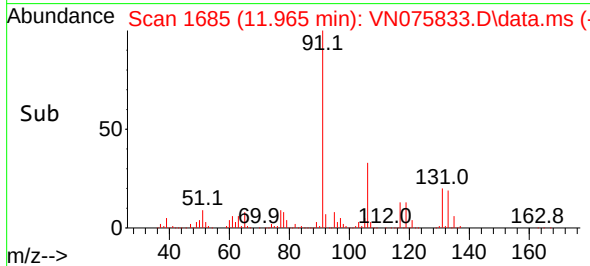
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



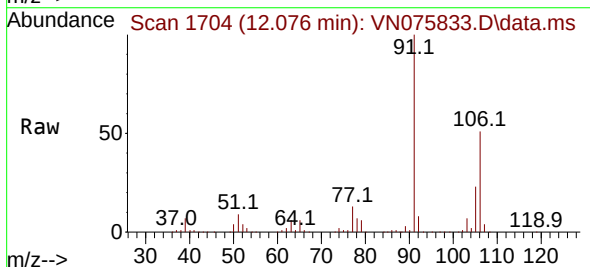
Tgt Ion: 91 Resp: 815314
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5

Manual Integrations
APPROVED

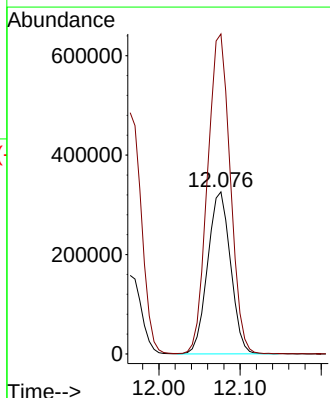
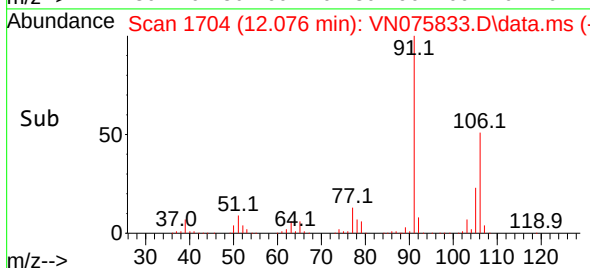
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

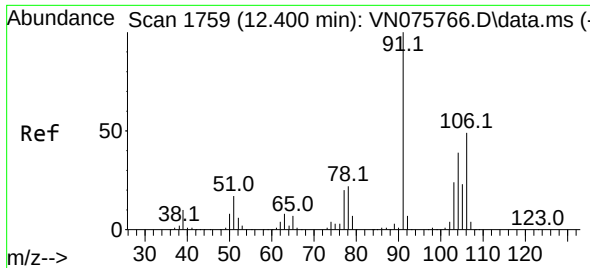


#68
m/p-Xylenes
Concen: 99.125 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



Tgt Ion:106 Resp: 637969
Ion Ratio Lower Upper
106 100
91 196.7 156.6 235.0





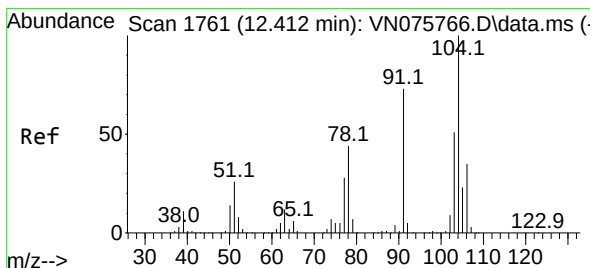
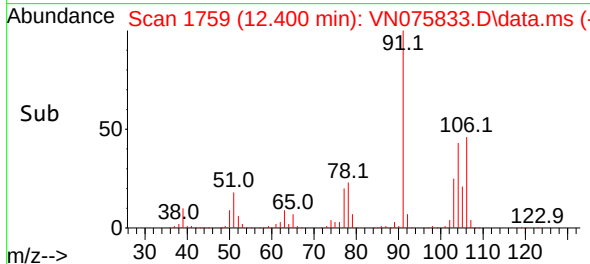
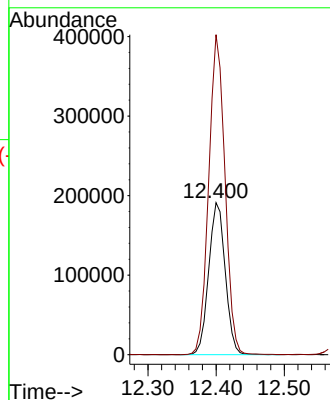
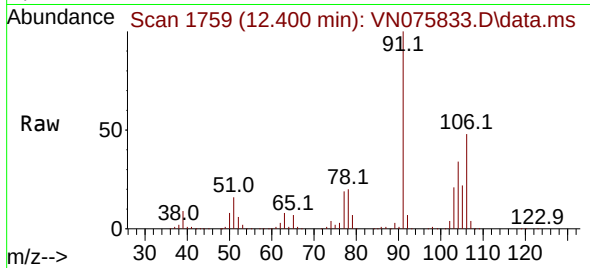
#69
o-Xylene
Concen: 50.606 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 322310
Ion Ratio Lower Upper
106 100
91 207.0 103.8 311.6

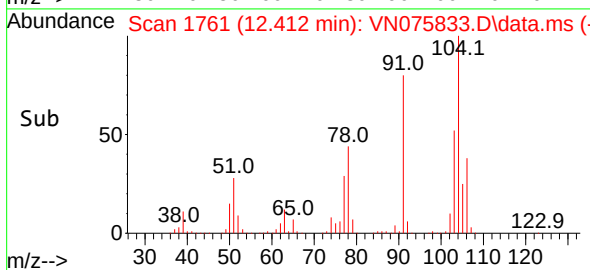
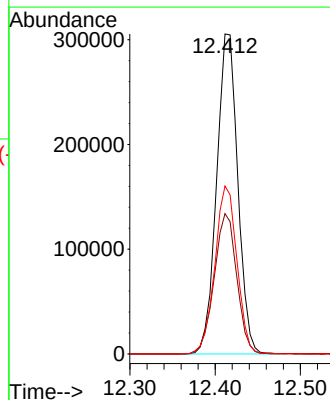
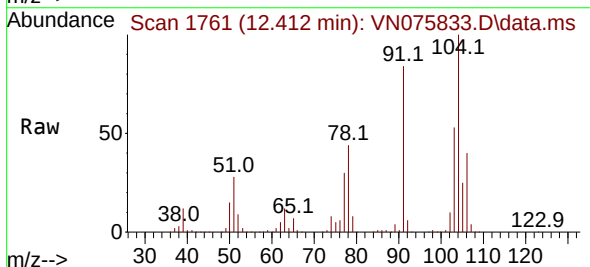
Manual Integrations
APPROVED

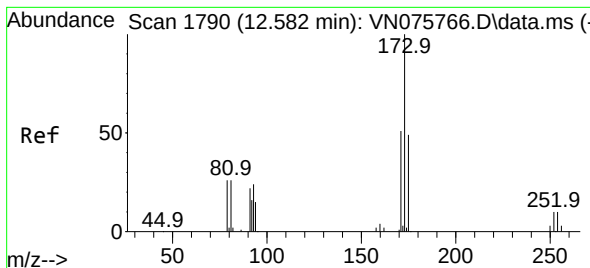
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#70
Styrene
Concen: 52.183 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Tgt Ion:104 Resp: 528458
Ion Ratio Lower Upper
104 100
78 46.8 37.5 56.3
103 54.8 43.5 65.3





#71

Bromoform

Concen: 51.521 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 133780

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

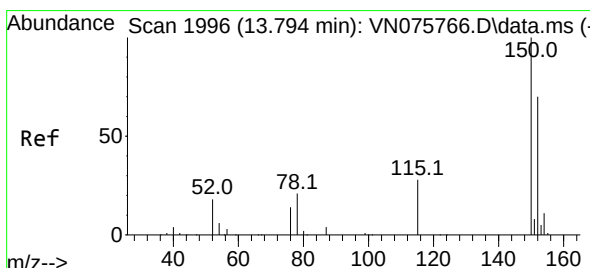
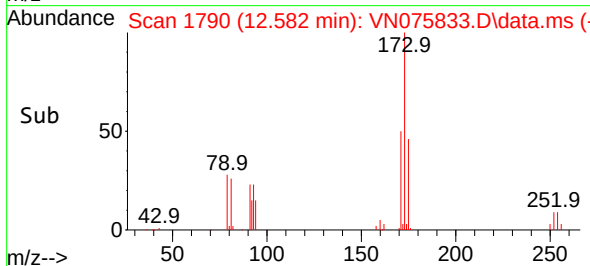
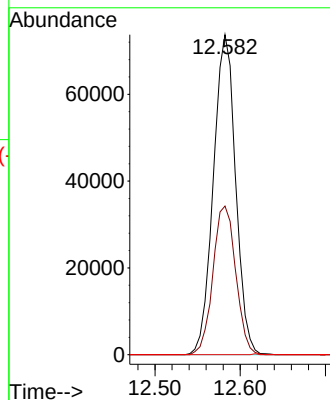
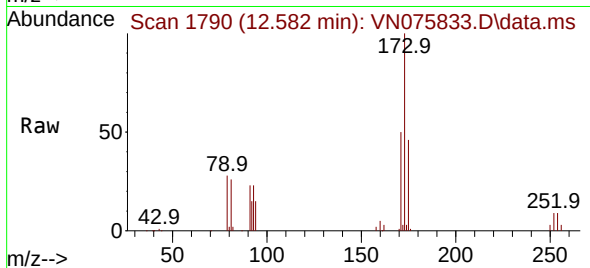
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075833.D

Acq: 15 Dec 2022 21:23

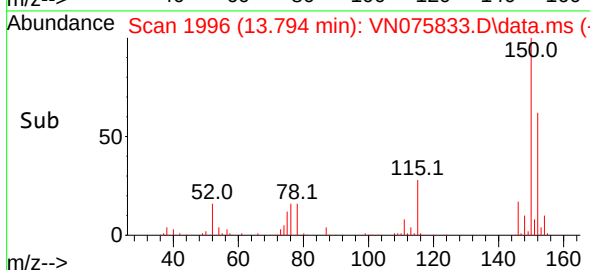
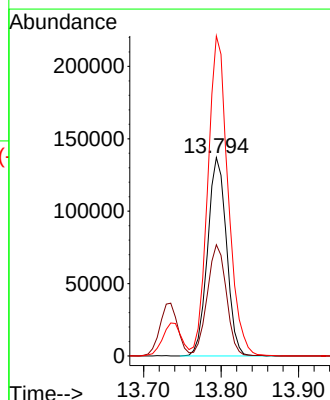
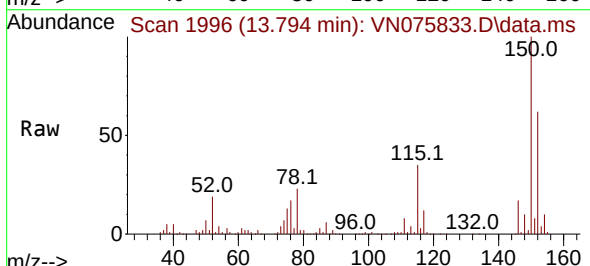
Tgt Ion:152 Resp: 232459

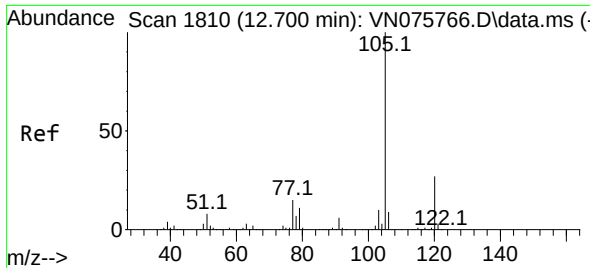
Ion Ratio Lower Upper

152 100

115 56.7 29.1 87.4

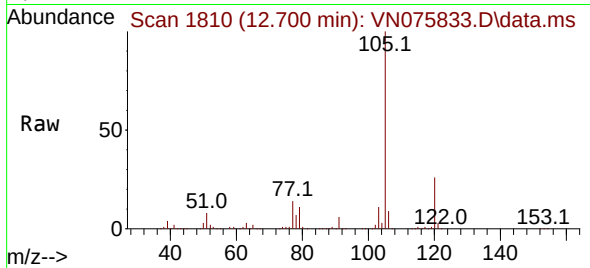
150 172.6 0.0 347.0





#73
Isopropylbenzene
Concen: 49.912 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

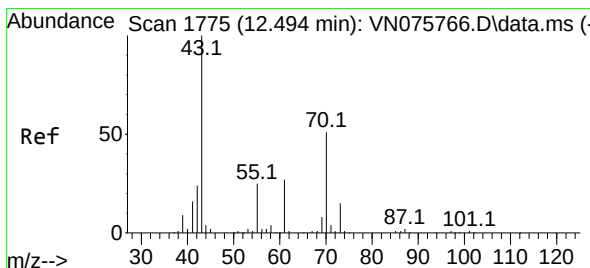
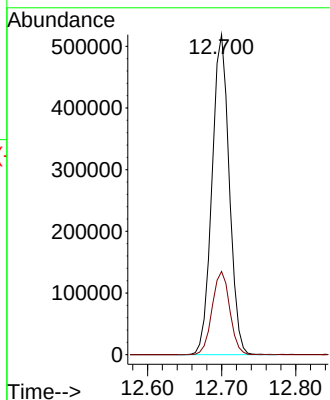
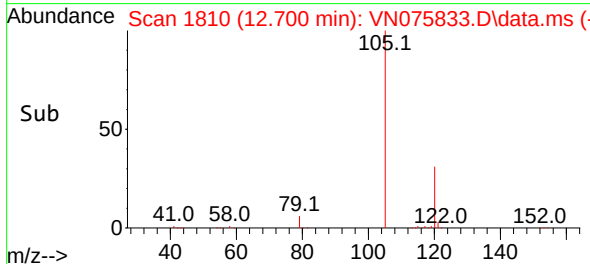
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



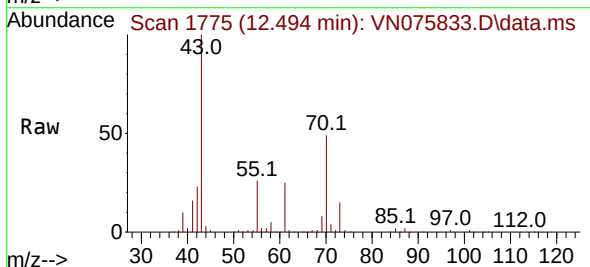
Tgt Ion:105 Resp: 838440
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

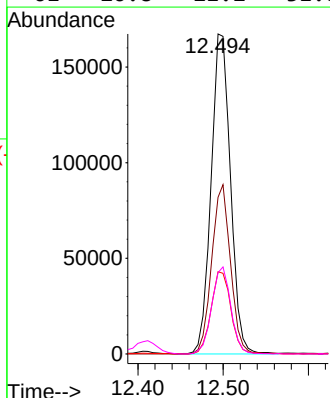
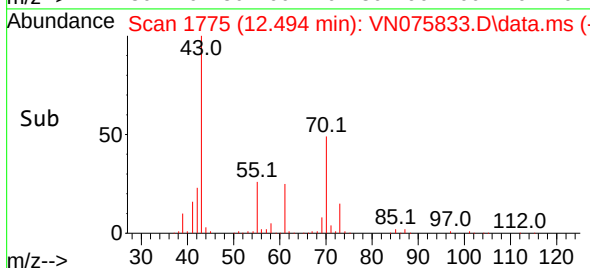
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

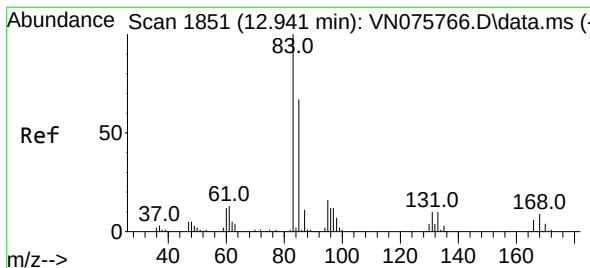


#74
N-ethyl acetate
Concen: 53.862 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



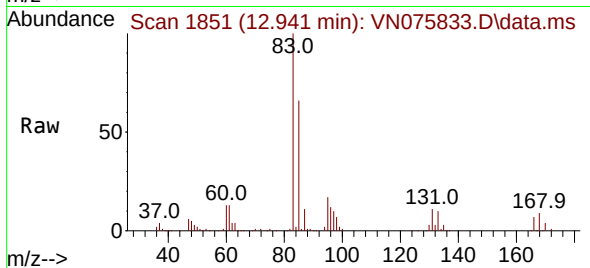
Tgt Ion: 43 Resp: 265439
Ion Ratio Lower Upper
43 100
70 51.2 41.4 62.0
55 26.4 21.3 31.9
61 26.8 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.703 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

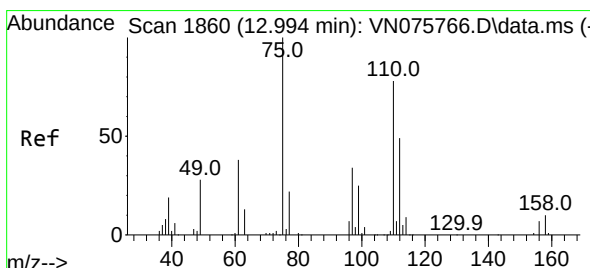
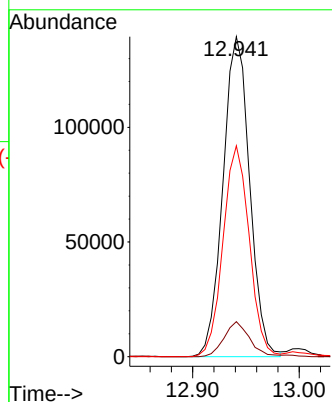
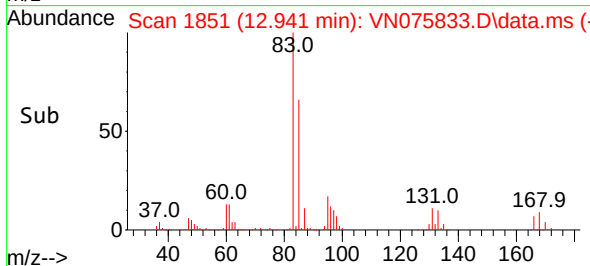
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



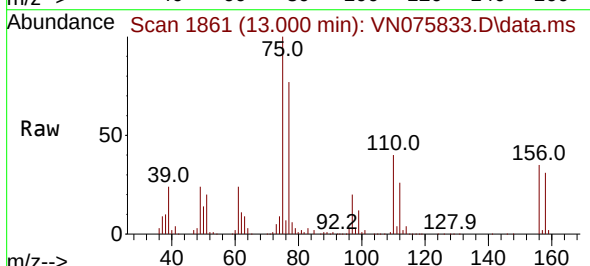
Tgt Ion: 83 Resp: 242534
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.7 32.6 98.0

Manual Integrations
APPROVED

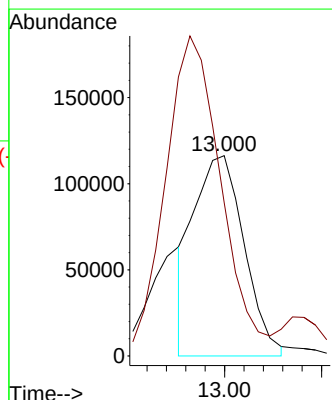
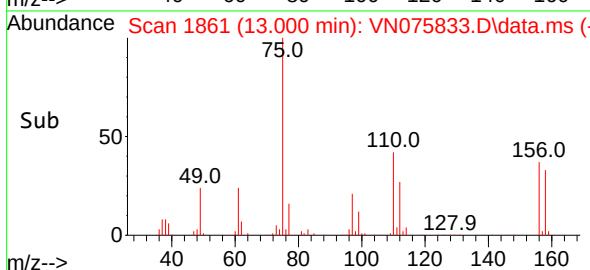
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

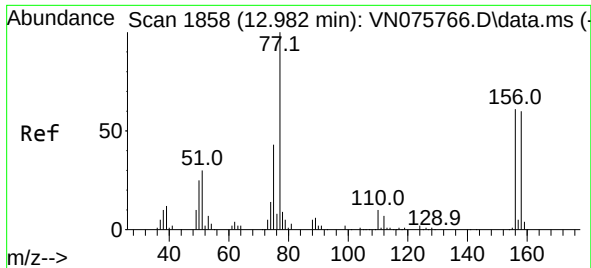


#76
1,2,3-Trichloropropane
Concen: 44.834 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



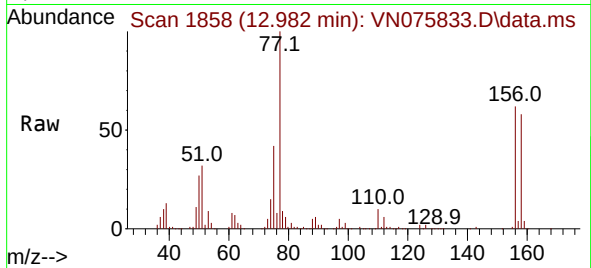
Tgt Ion: 75 Resp: 210083
Ion Ratio Lower Upper
75 100
77 176.5 82.6 247.8





#77
Bromobenzene
Concen: 46.206 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

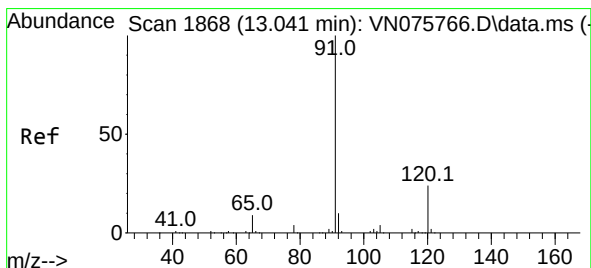
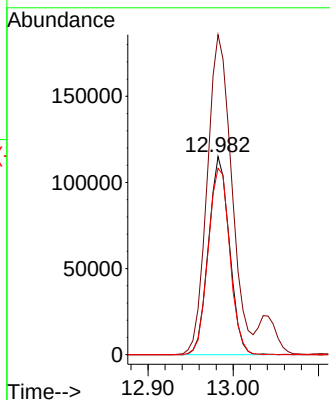
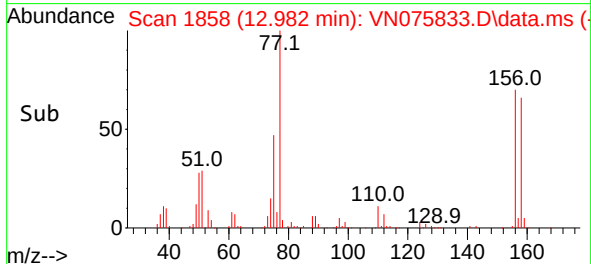
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



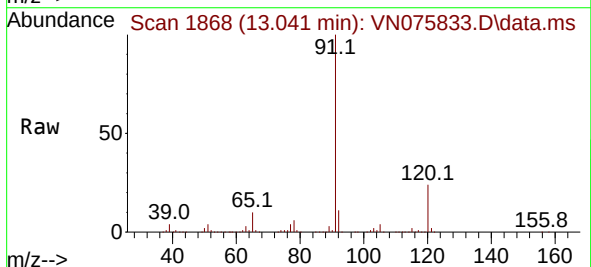
Tgt Ion:156 Resp: 196434
Ion Ratio Lower Upper
156 100
77 188.8 93.8 281.3
158 97.3 48.9 146.6

Manual Integrations
APPROVED

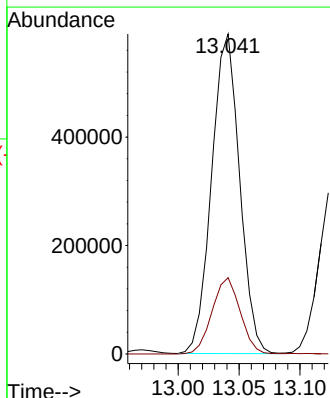
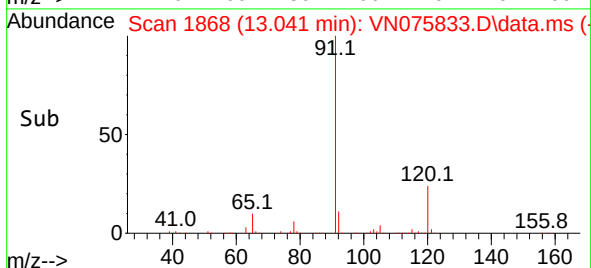
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

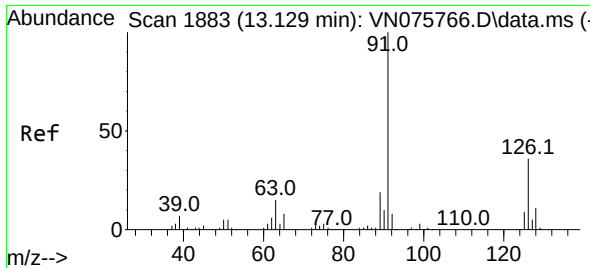


#78
n-propylbenzene
Concen: 50.847 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



Tgt Ion: 91 Resp: 942080
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1





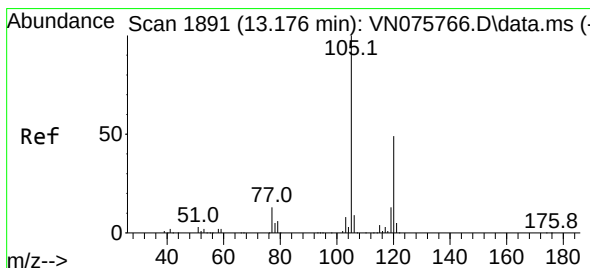
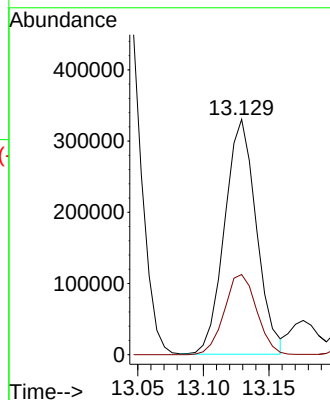
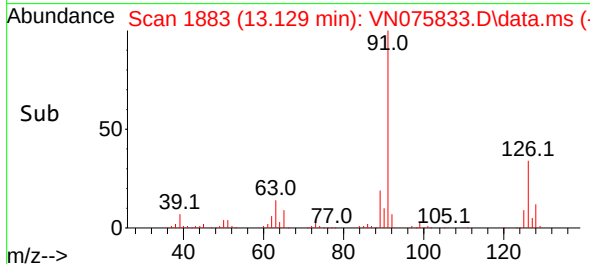
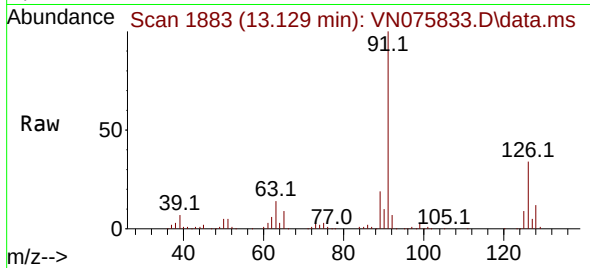
#79
2-Chlorotoluene
Concen: 48.141 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 556779
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

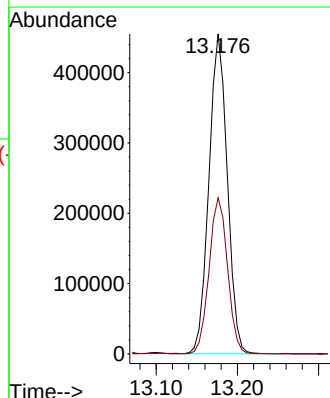
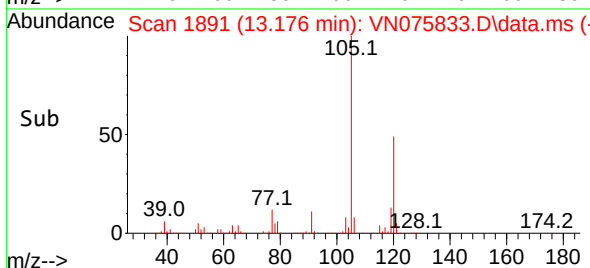
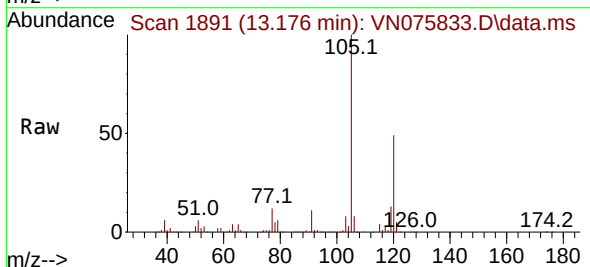
Manual Integrations
APPROVED

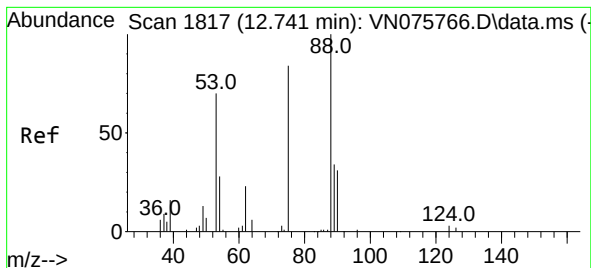
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.709 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

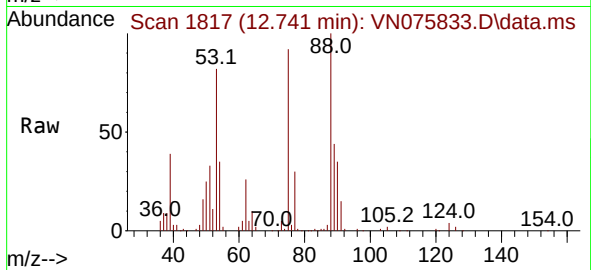
Tgt Ion:105 Resp: 712941
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.220 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

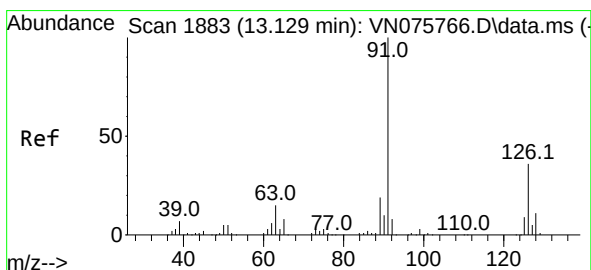
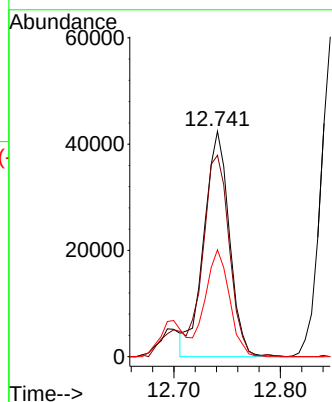
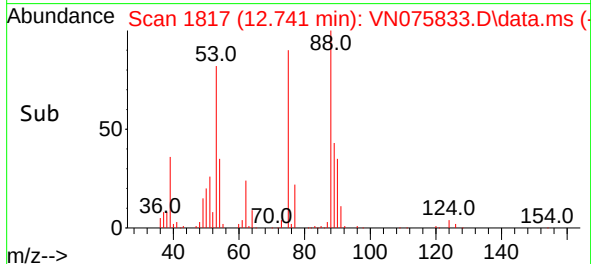
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



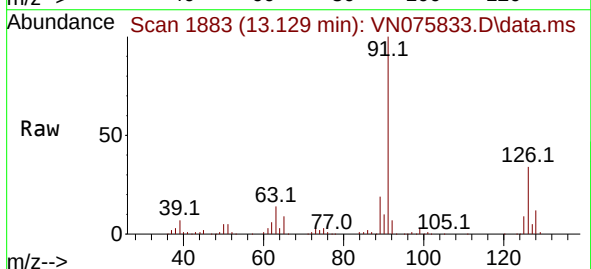
Tgt Ion: 75 Resp: 70583
Ion Ratio Lower Upper
75 100
53 102.9 73.8 110.6
89 44.3 39.5 59.3

Manual Integrations
APPROVED

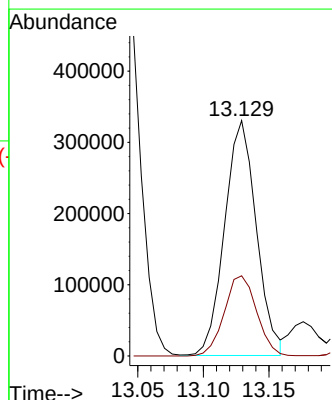
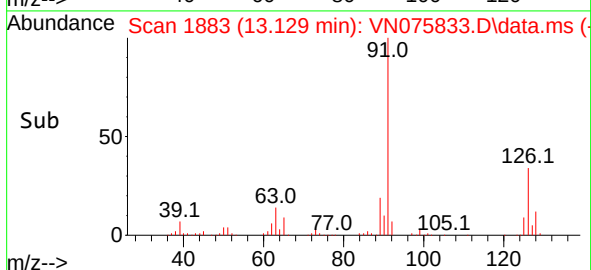
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

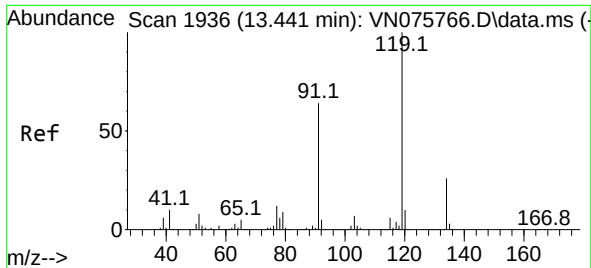


#82
4-Chlorotoluene
Concen: 48.141 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



Tgt Ion: 91 Resp: 556779
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5





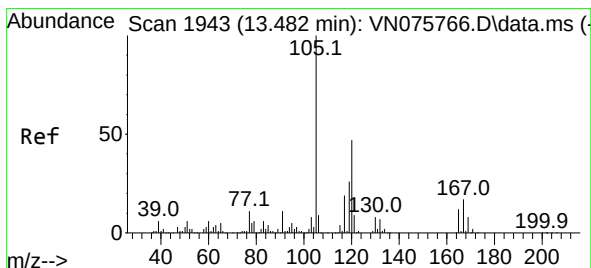
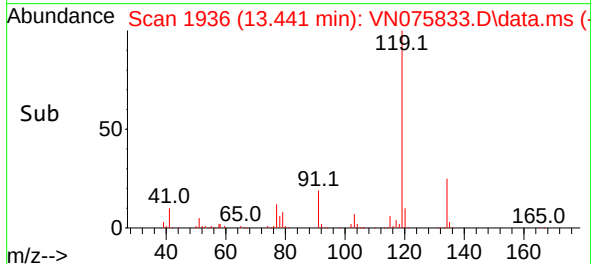
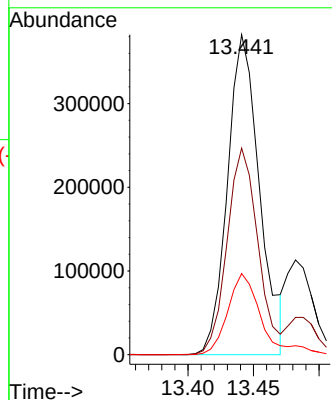
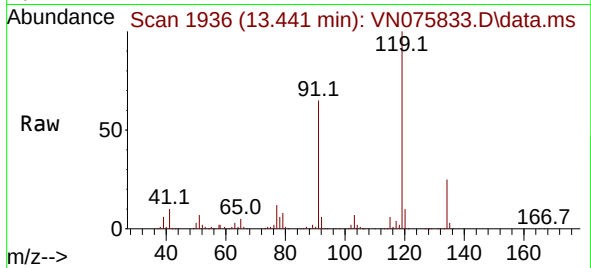
#83
tert-Butylbenzene
Concen: 52.415 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 649730
Ion Ratio Lower Upper
119 100
91 62.4 31.9 95.5
134 26.6 13.8 41.4

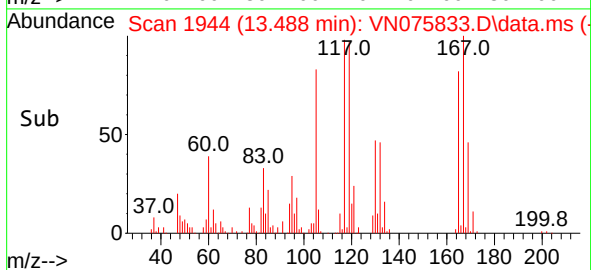
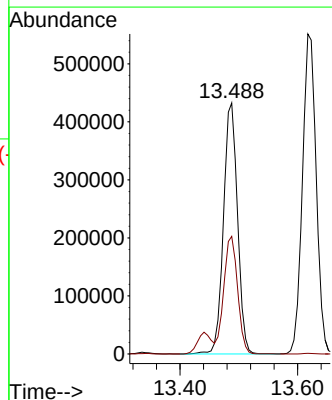
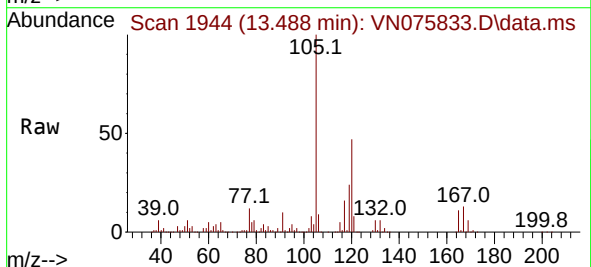
Manual Integrations
APPROVED

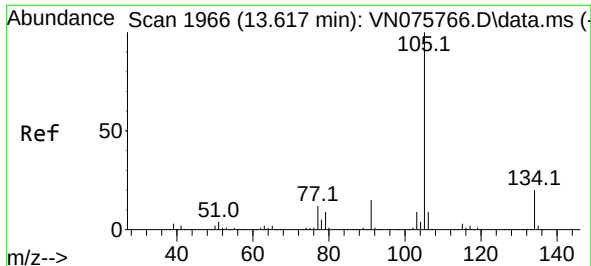
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.410 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

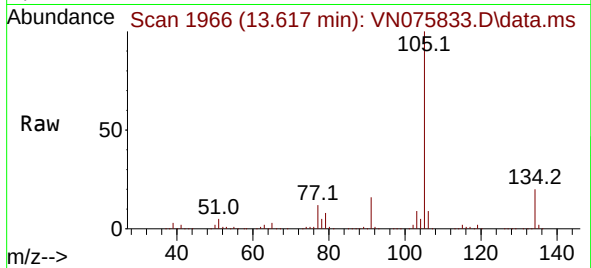
Tgt Ion:105 Resp: 717049
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.418 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23

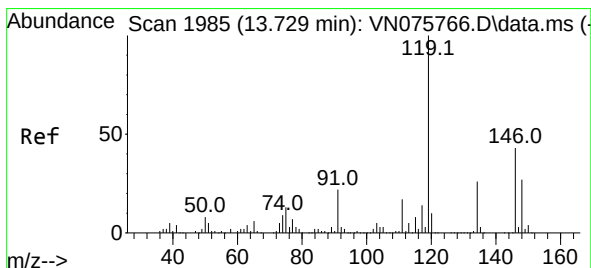
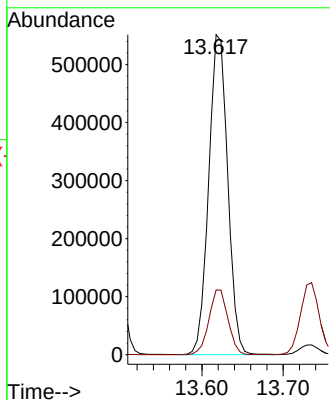
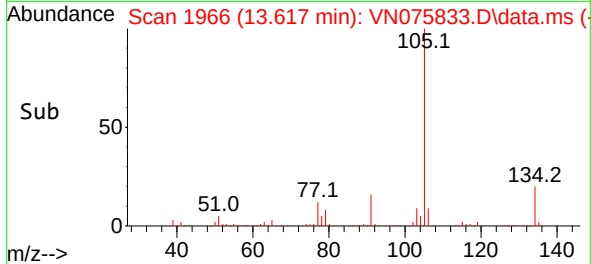
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



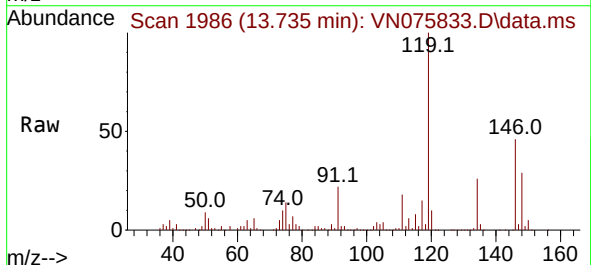
Tgt Ion:105 Resp: 896829
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

Manual Integrations
 APPROVED

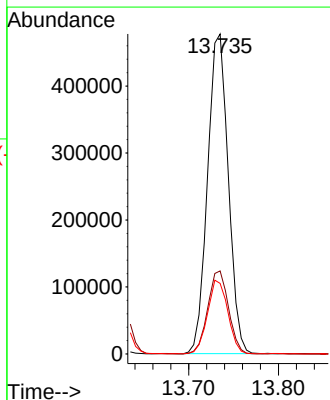
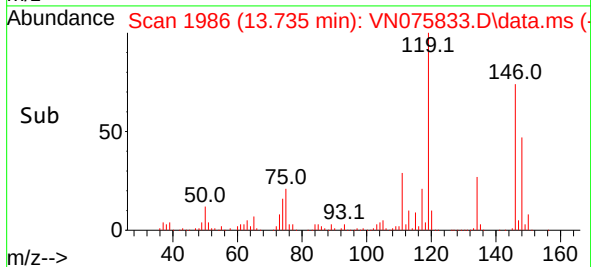
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

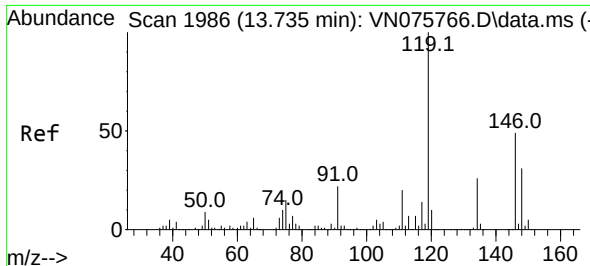


#86
 p-Isopropyltoluene
 Concen: 53.680 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075833.D
 Acq: 15 Dec 2022 21:23



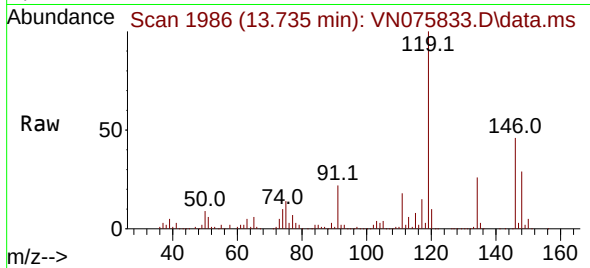
Tgt Ion:119 Resp: 764211
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.6 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 48.265 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

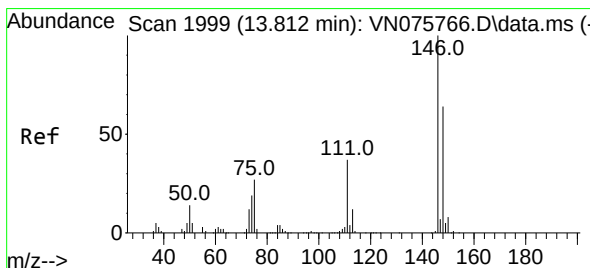
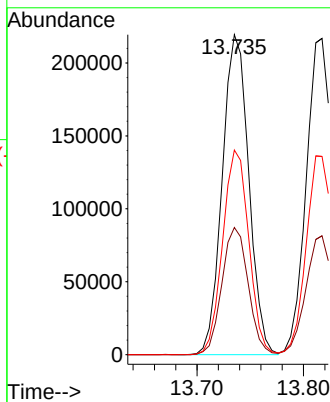
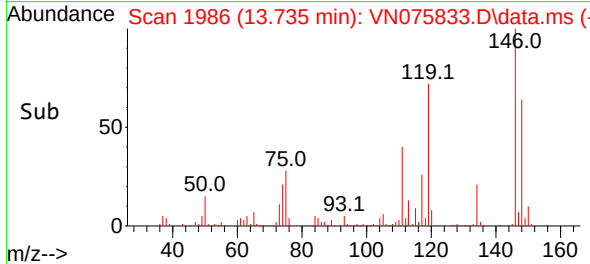
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



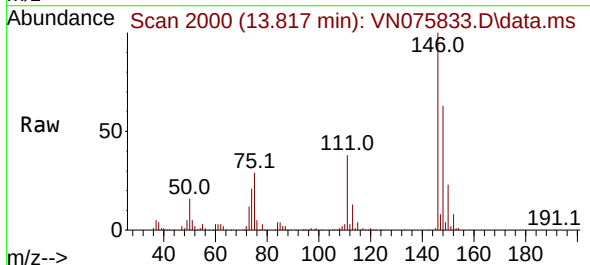
Tgt Ion:146 Resp: 37902
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 63.1 31.4 94.2

Manual Integrations
APPROVED

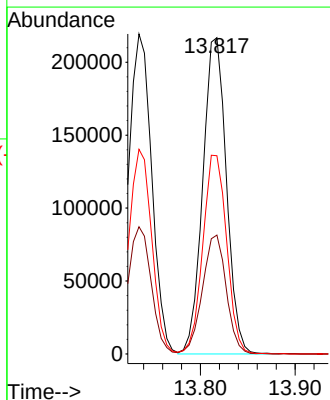
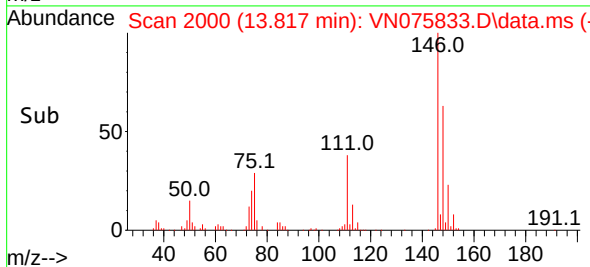
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

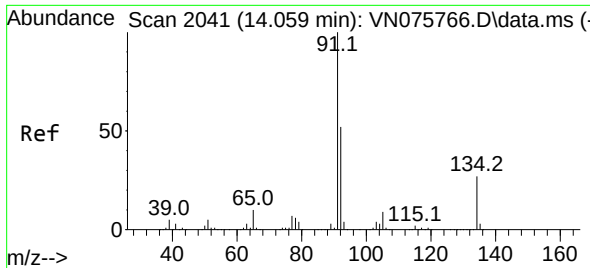


#88
1,4-Dichlorobenzene
Concen: 46.801 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



Tgt Ion:146 Resp: 375452
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 63.4 32.0 96.2





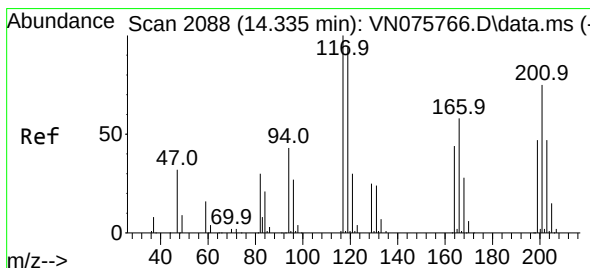
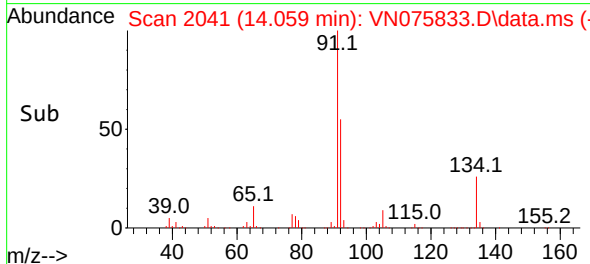
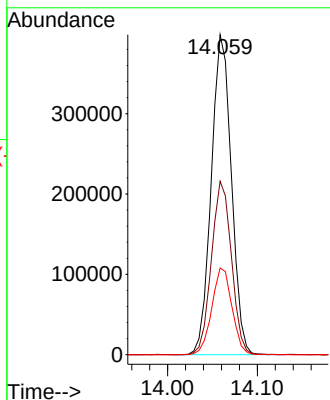
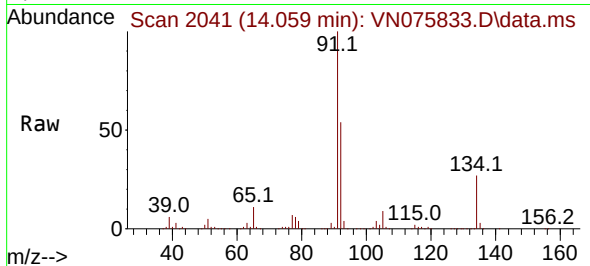
#89
n-Butylbenzene
Concen: 53.705 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 619400
Ion Ratio Lower Upper
91 100
92 54.1 26.4 79.2
134 27.2 13.4 40.2

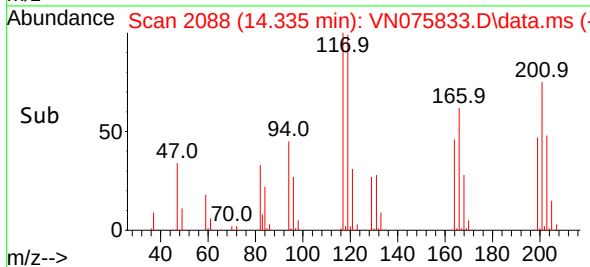
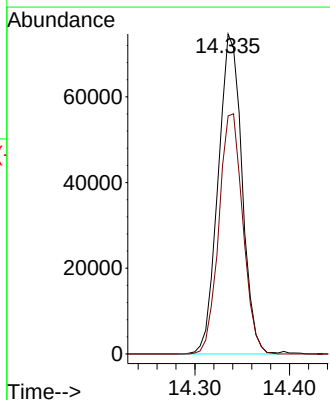
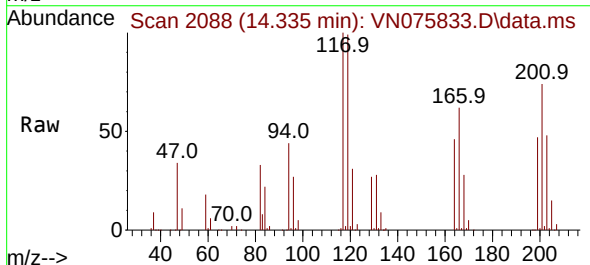
Manual Integrations
APPROVED

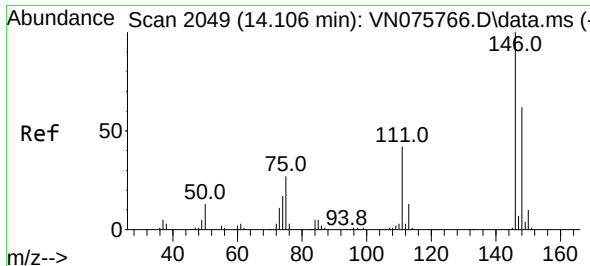
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#90
Hexachloroethane
Concen: 51.349 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

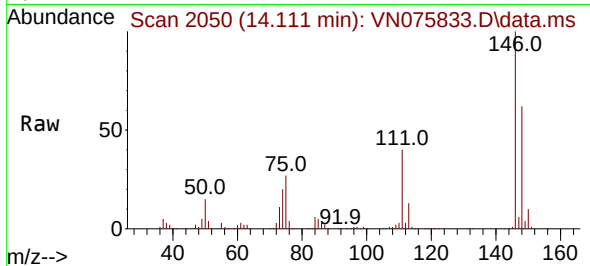
Tgt Ion:117 Resp: 130766
Ion Ratio Lower Upper
117 100
201 75.4 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 48.115 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

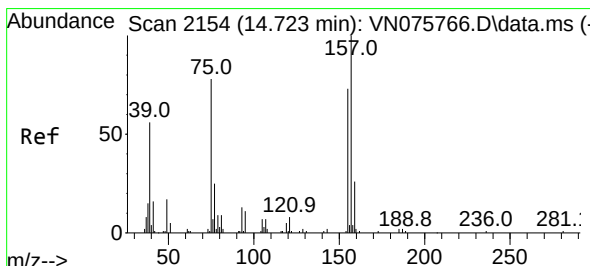
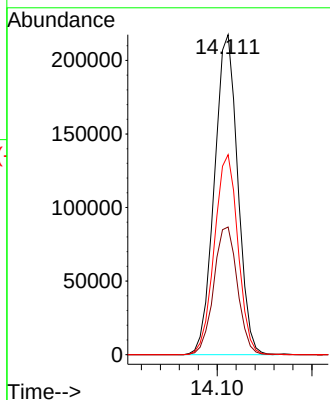
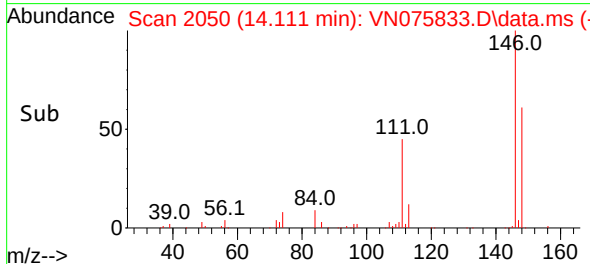
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



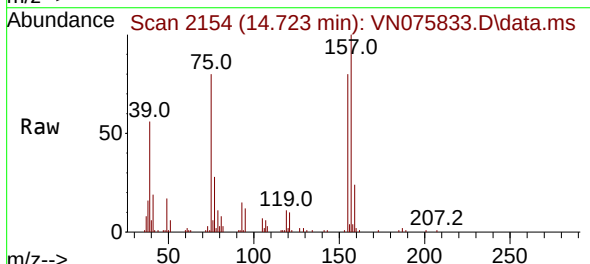
Tgt Ion:146 Resp: 372170
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 63.2 31.7 95.1

Manual Integrations
APPROVED

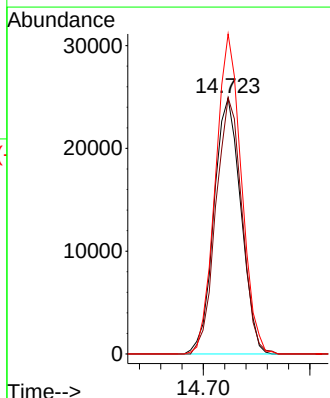
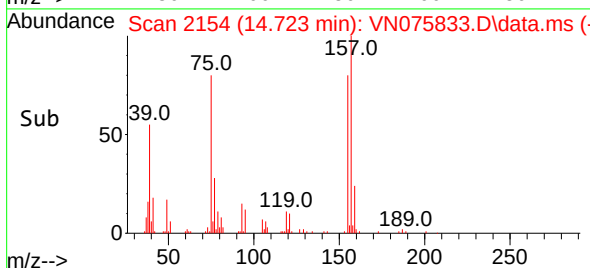
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

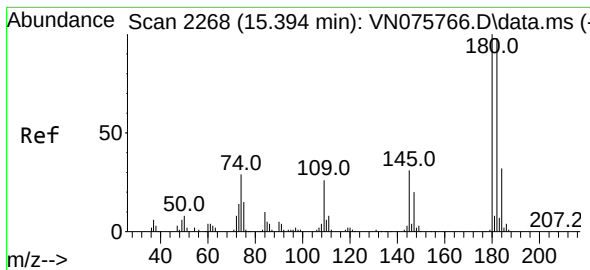


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.529 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



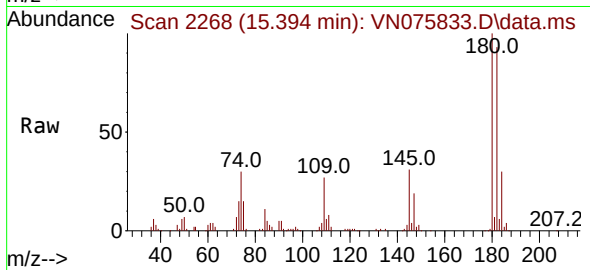
Tgt Ion: 75 Resp: 43796
Ion Ratio Lower Upper
75 100
155 96.7 49.3 147.8
157 119.7 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 49.248 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

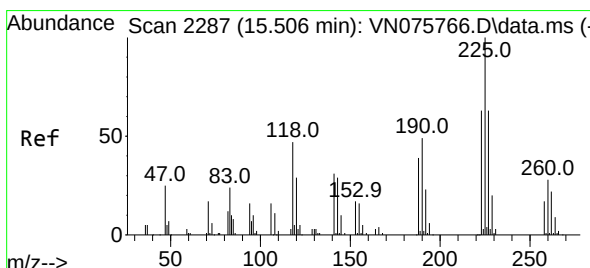
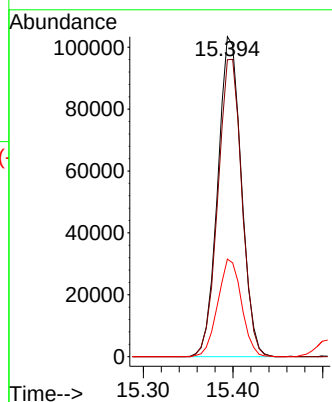
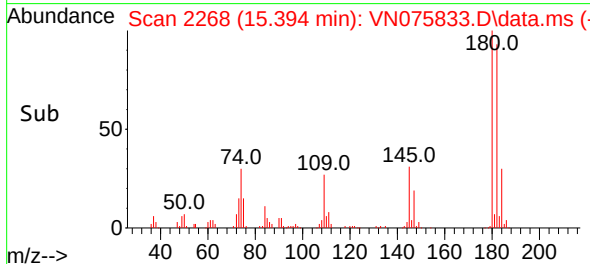
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



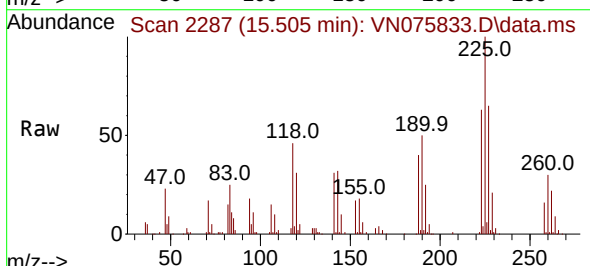
Tgt Ion:180 Resp: 188594
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 30.7 15.3 45.8

Manual Integrations
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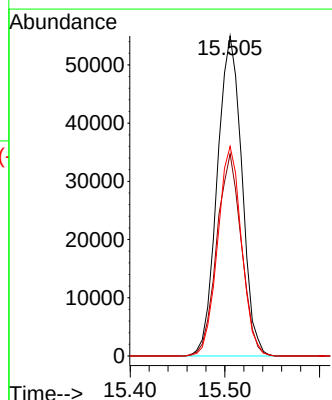
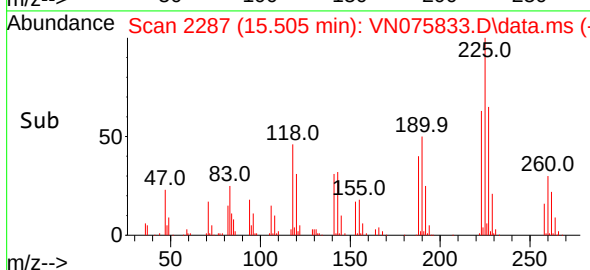
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

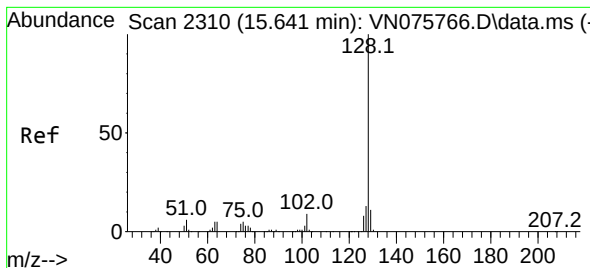


#94
Hexachlorobutadiene
Concen: 47.551 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



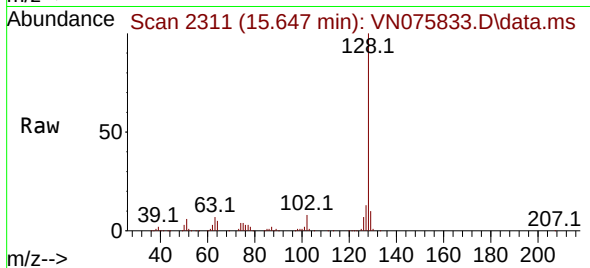
Tgt Ion:225 Resp: 99349
Ion Ratio Lower Upper
225 100
223 63.1 31.5 94.5
227 63.4 31.6 95.0





#95
Naphthalene
Concen: 46.222 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23

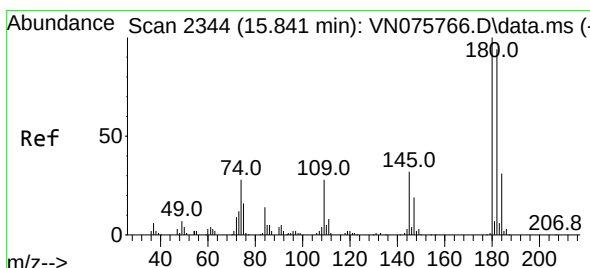
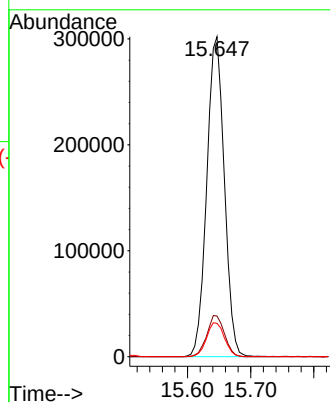
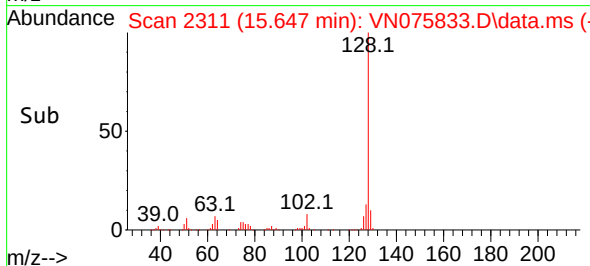
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



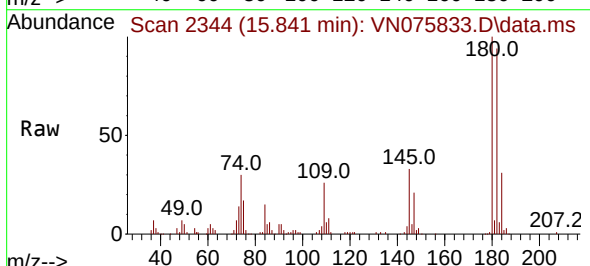
Tgt Ion:128 Resp: 58258
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.419 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075833.D
Acq: 15 Dec 2022 21:23



Tgt Ion:180 Resp: 184043
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 32.6 16.0 47.9

