

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076145.D
 Acq On : 09 Jan 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 10 01:01:03 2023
 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	272010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	404555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155850	52.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.340%	
35) Dibromofluoromethane	8.171	113	140271	51.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.620%	
50) Toluene-d8	10.570	98	516491	51.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.853	95	181900	54.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	134469	69.624	ug/l	98
3) Chloromethane	2.377	50	136788	56.957	ug/l	100
4) Vinyl Chloride	2.530	62	166802	58.225	ug/l	99
5) Bromomethane	2.947	94	123931	50.903	ug/l	99
6) Chloroethane	3.124	64	118572	55.892	ug/l	97
7) Trichlorofluoromethane	3.506	101	228043	52.460	ug/l	99
8) Diethyl Ether	3.971	74	82756	52.123	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	133660	53.847	ug/l	98
10) Methyl Iodide	4.600	142	201429	50.003	ug/l	99
11) Tert butyl alcohol	5.536	59	90920	217.135	ug/l	100
12) 1,1-Dichloroethene	4.353	96	125091	51.888	ug/l	95
13) Acrolein	4.194	56	117092	228.097	ug/l	99
14) Allyl chloride	5.036	41	155974	55.345	ug/l	94
15) Acrylonitrile	5.730	53	294805	257.995	ug/l	100
16) Acetone	4.436	43	302341	296.384	ug/l	97
17) Carbon Disulfide	4.724	76	316306	54.190	ug/l	98
18) Methyl Acetate	5.036	43	162405	53.860	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	439917	55.413	ug/l	100
20) Methylene Chloride	5.289	84	143656	52.678	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	134790	51.053	ug/l	97
22) Diisopropyl ether	6.683	45	379756	55.470	ug/l	99
23) Vinyl Acetate	6.612	43	1241937	269.520	ug/l	99
24) 1,1-Dichloroethane	6.577	63	238990	52.343	ug/l	99
25) 2-Butanone	7.488	43	393058	275.188	ug/l	95
26) 2,2-Dichloropropane	7.500	77	213963	55.337	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	165351	52.365	ug/l	97
28) Bromochloromethane	7.818	49	92827	46.386	ug/l	95
29) Tetrahydrofuran	7.847	42	239945	268.067	ug/l	96
30) Chloroform	7.971	83	262515	51.066	ug/l	95
31) Cyclohexane	8.265	56	215542	50.858	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	242089	53.119	ug/l	98
36) 1,1-Dichloropropene	8.377	75	193596	53.829	ug/l	100
37) Ethyl Acetate	7.571	43	155734	53.908	ug/l	97
38) Carbon Tetrachloride	8.371	117	222227	55.207	ug/l	99
39) Methylcyclohexane	9.606	83	243367	56.089	ug/l	97
40) Benzene	8.612	78	575069	51.824	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	83321	55.487	ug/l	98
42) 1,2-Dichloroethane	8.677	62	195629	53.029	ug/l	99
43) Isopropyl Acetate	8.694	43	260024	54.564	ug/l	98
44) Trichloroethene	9.359	130	157208	50.289	ug/l	95
45) 1,2-Dichloropropane	9.623	63	140591	52.065	ug/l	97
46) Dibromomethane	9.712	93	104630	52.242	ug/l	98
47) Bromodichloromethane	9.894	83	219024	55.765	ug/l	97
48) Methyl methacrylate	9.682	41	122158	56.915	ug/l	96
49) 1,4-Dioxane	9.700	88	51704	979.875	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	795057	275.875	ug/l	97
52) Toluene	10.635	92	385482	53.340	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	223834	58.219	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	242791	57.516	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	149243	52.613	ug/l	98
56) Ethyl methacrylate	10.876	69	205969	54.666	ug/l	96
57) 1,3-Dichloropropane	11.165	76	245887	52.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	285816	238.262	ug/l	97
59) 2-Hexanone	11.200	43	585401	278.535	ug/l	99
60) Dibromochloromethane	11.359	129	178566	56.606	ug/l	100
61) 1,2-Dibromoethane	11.470	107	152557	53.145	ug/l	100
64) Tetrachloroethene	11.106	164	154850	54.395	ug/l	97
65) Chlorobenzene	11.894	112	414055	49.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	159294	51.794	ug/l	99
67) Ethyl Benzene	11.965	91	745076	53.166	ug/l	100
68) m/p-Xylenes	12.070	106	599085	108.007	ug/l	100
69) o-Xylene	12.400	106	293411	53.453	ug/l	99
70) Styrene	12.412	104	484967	55.567	ug/l	99
71) Bromoform	12.582	173	134711	60.194	ug/l #	99
73) Isopropylbenzene	12.700	105	765633	53.066	ug/l	100
74) N-amyl acetate	12.494	43	226496	53.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	211198	47.351	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	262552	65.237	ug/l	75
77) Bromobenzene	12.982	156	183751	50.324	ug/l	100
78) n-propylbenzene	13.041	91	884802	55.602	ug/l	99
79) 2-Chlorotoluene	13.129	91	511025	51.444	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	652873	54.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	66010	59.038	ug/l	98
82) 4-Chlorotoluene	13.129	91	511025	51.444	ug/l	100
83) tert-Butylbenzene	13.441	119	590965	55.507	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	652705	54.486	ug/l	99
85) sec-Butylbenzene	13.617	105	821593	55.910	ug/l	99
86) p-Isopropyltoluene	13.735	119	706574	57.786	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	346248	51.336	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	341614	49.579	ug/l	99
89) n-Butylbenzene	14.059	91	574284	57.974	ug/l	100
90) Hexachloroethane	14.335	117	132058	60.377	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	331867	49.953	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37061	46.828	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	170905	51.961	ug/l	99
94) Hexachlorobutadiene	15.505	225	93306	51.996	ug/l	98
95) Naphthalene	15.647	128	488819	45.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	163101	53.056	ug/l	99

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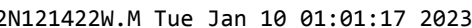
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

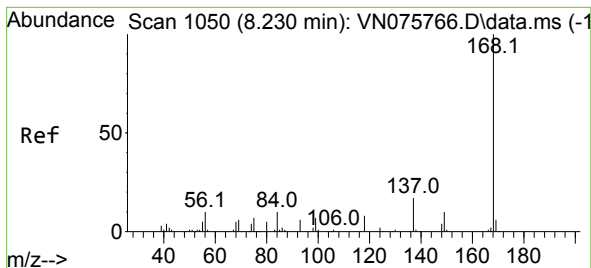
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QLast Update : Wed Dec 14 13:03:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

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ClientSampleId :

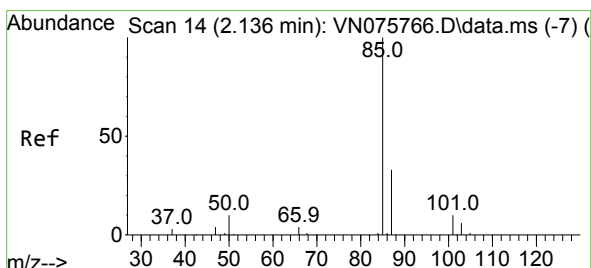
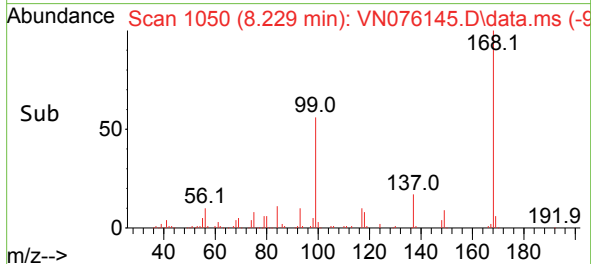
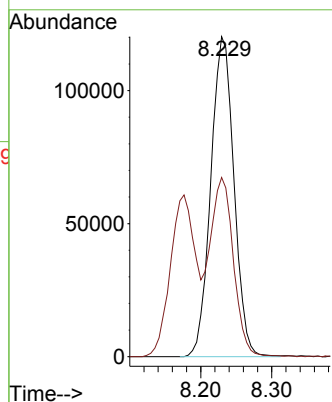
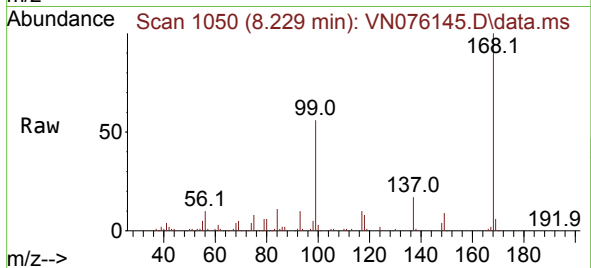
VSTDCCC050

Tgt Ion:168 Resp: 272010

Ion Ratio Lower Upper

168 100

99 55.7 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 69.624 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076145.D

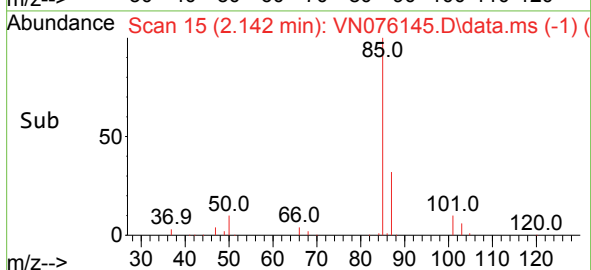
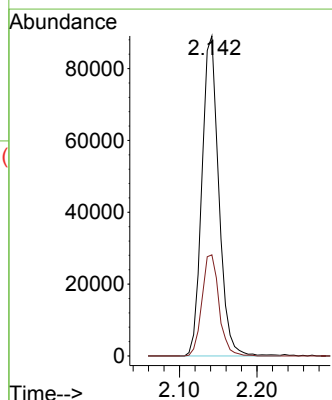
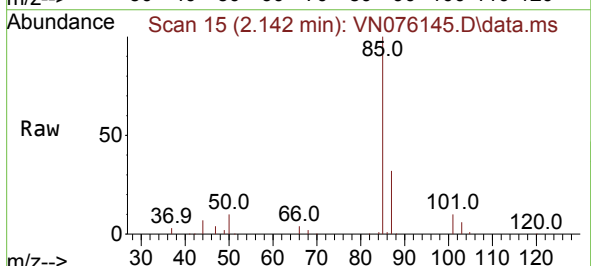
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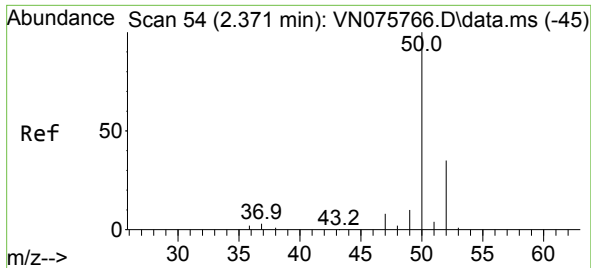
Tgt Ion: 85 Resp: 134469

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.9

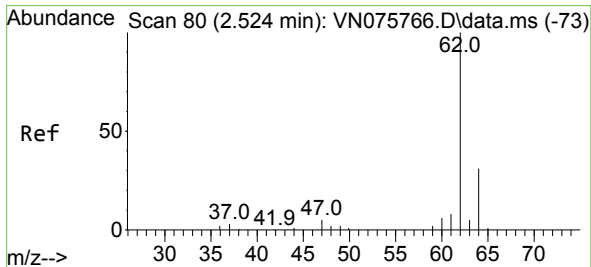
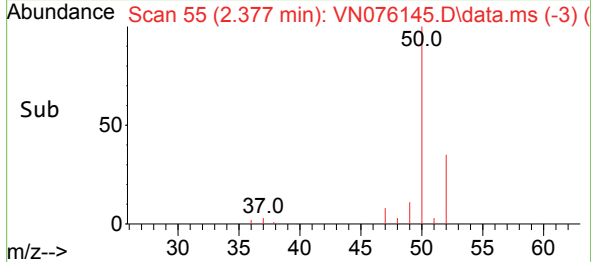
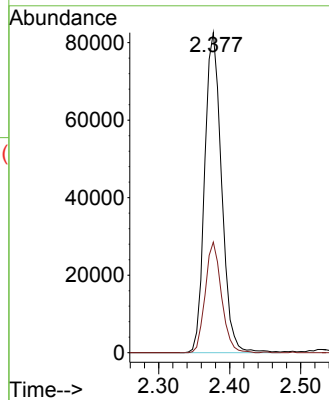
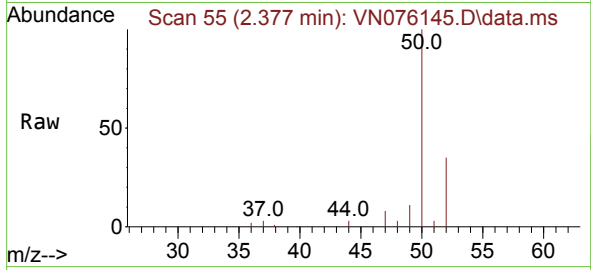




#3
Chloromethane
Concen: 56.957 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

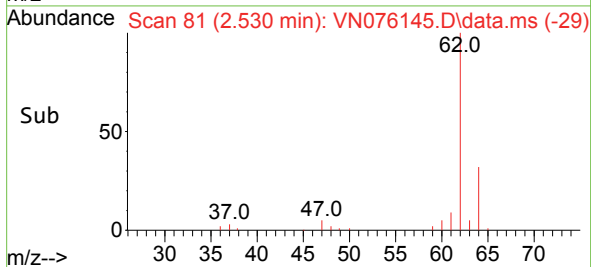
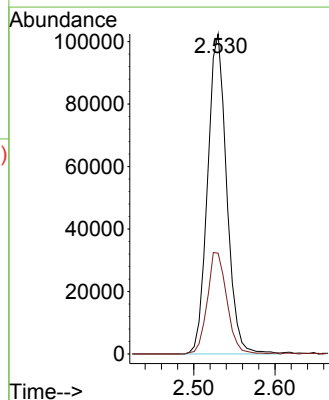
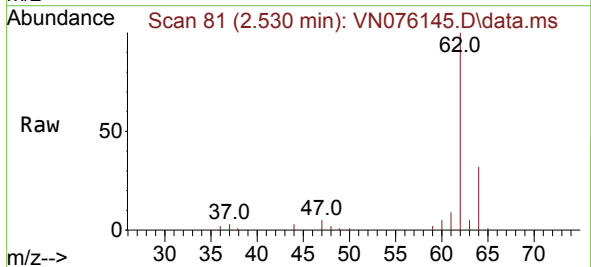
Instrument :
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ClientSampleId :
VSTDCCC050

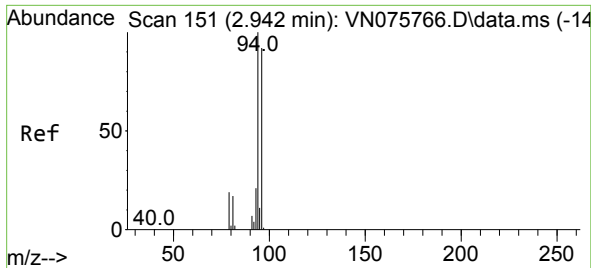
Tgt Ion: 50 Resp: 136788
Ion Ratio Lower Upper
50 100
52 34.6 27.7 41.5



#4
Vinyl Chloride
Concen: 58.225 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 62 Resp: 166802
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3

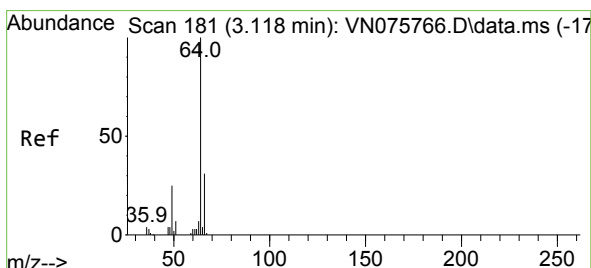
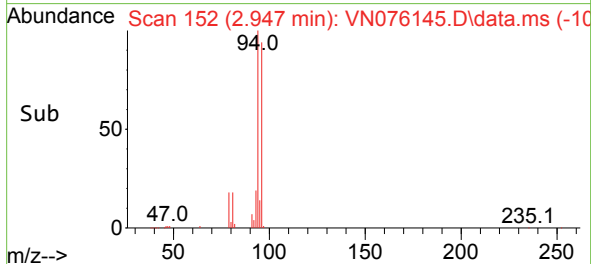
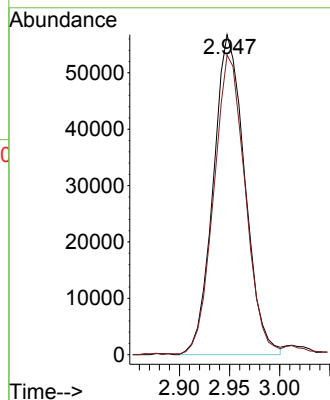
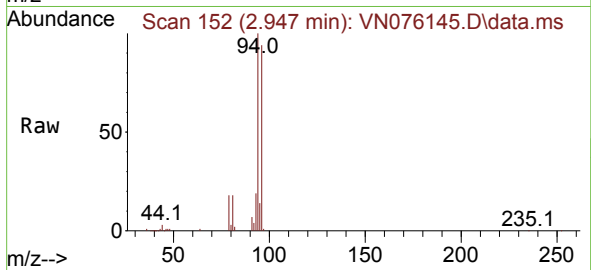




#5
Bromomethane
Concen: 50.903 ug/l
RT: 2.947 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

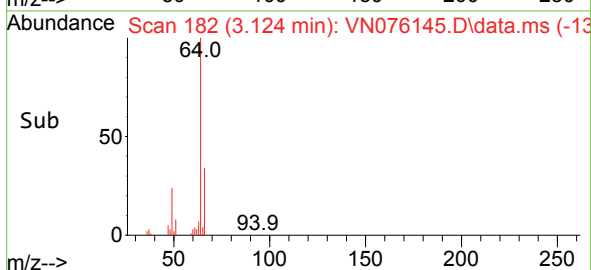
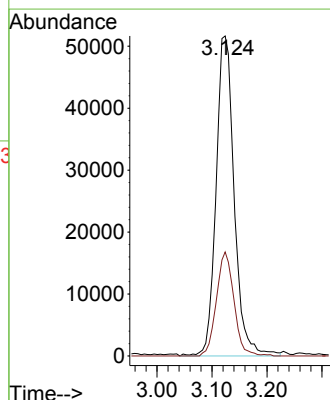
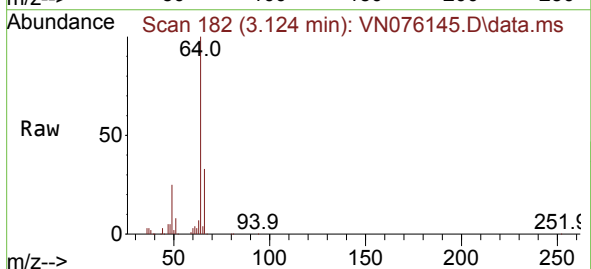
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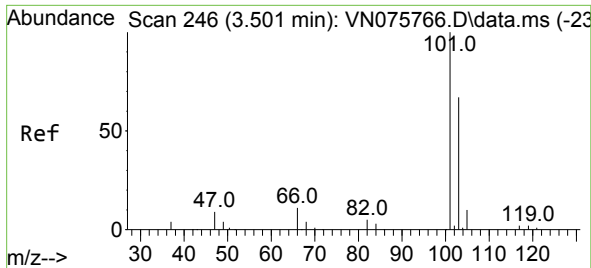
Tgt Ion: 94 Resp: 123931
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.6



#6
Chloroethane
Concen: 55.892 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 64 Resp: 118572
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8

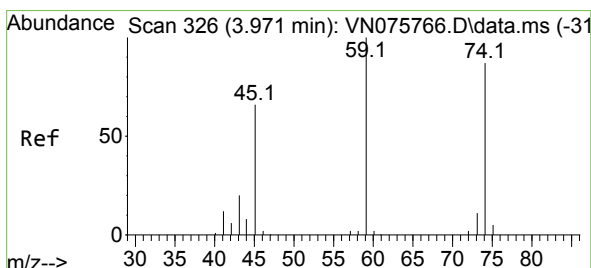
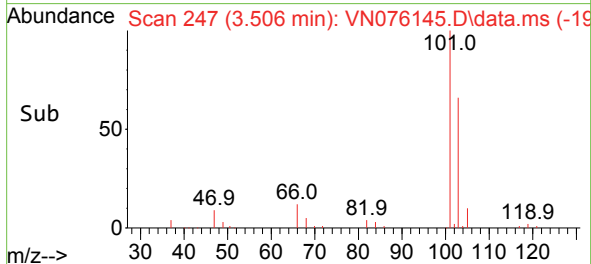
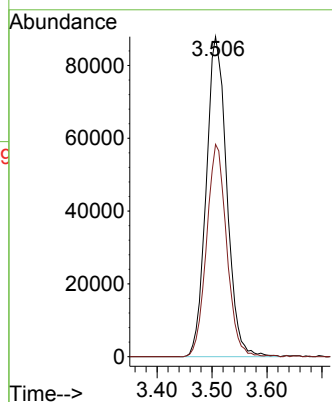
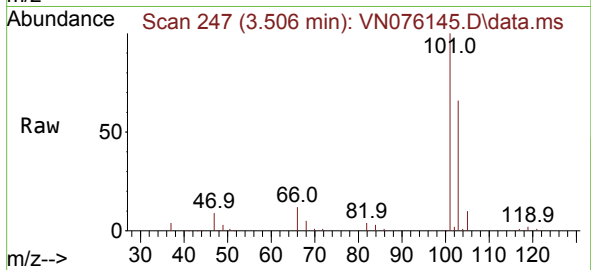




#7
Trichlorofluoromethane
Concen: 52.460 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

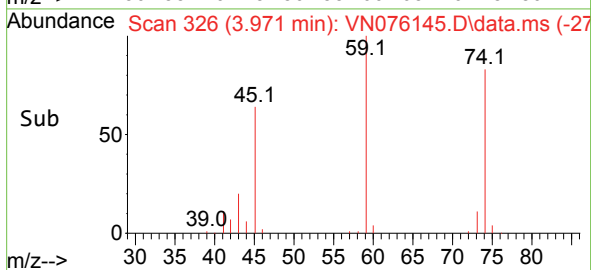
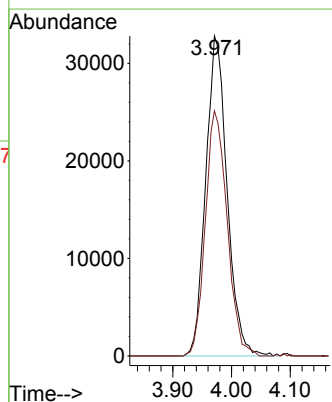
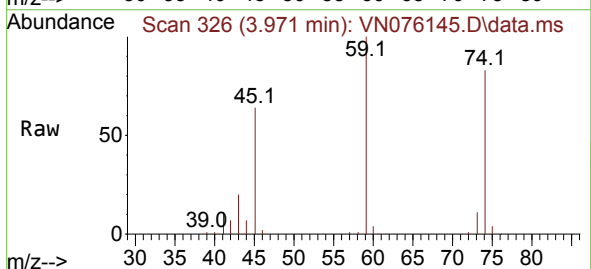
Instrument :
MSVOA_N
ClientSampleId :
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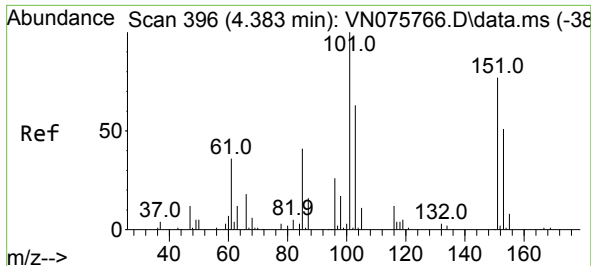
Tgt Ion:101 Resp: 228043
Ion Ratio Lower Upper
101 100
103 66.3 53.4 80.2



#8
Diethyl Ether
Concen: 52.123 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 74 Resp: 82756
Ion Ratio Lower Upper
74 100
45 78.2 37.8 113.4

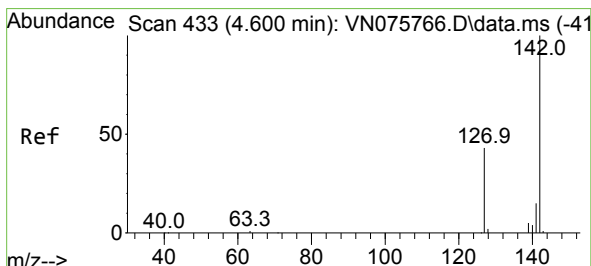
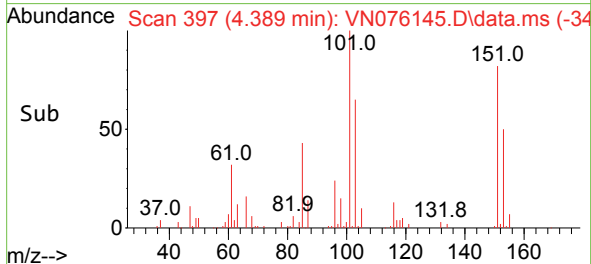
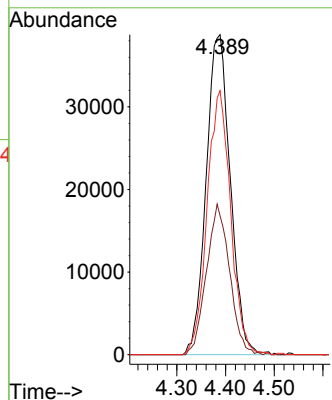
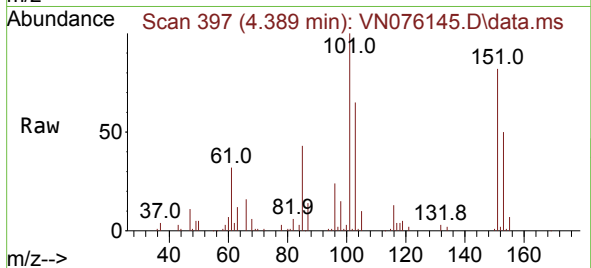




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.847 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

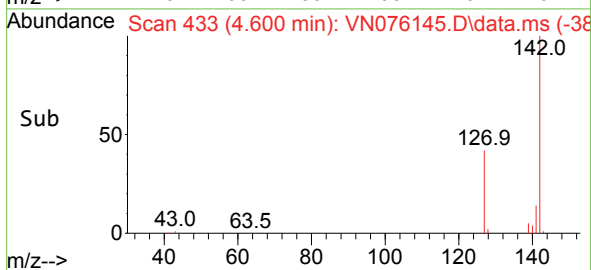
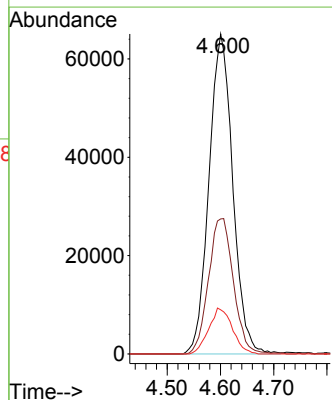
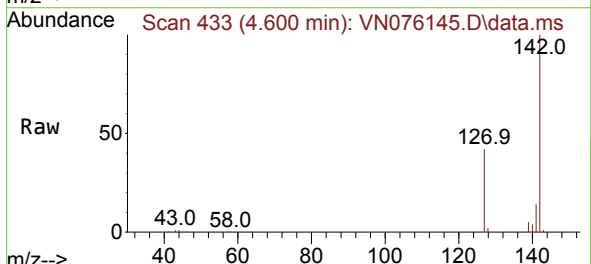
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

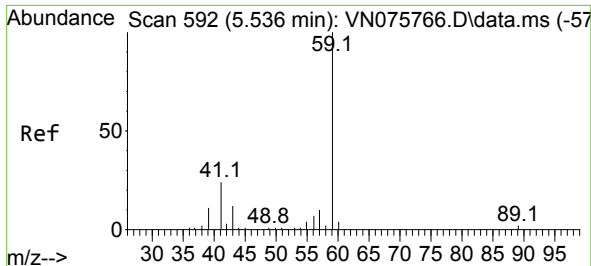
Tgt Ion:101 Resp: 133660
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 80.3 65.6 98.4



#10
Methyl Iodide
Concen: 50.003 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:142 Resp: 201429
Ion Ratio Lower Upper
142 100
127 44.5 34.7 52.1
141 14.3 11.4 17.2

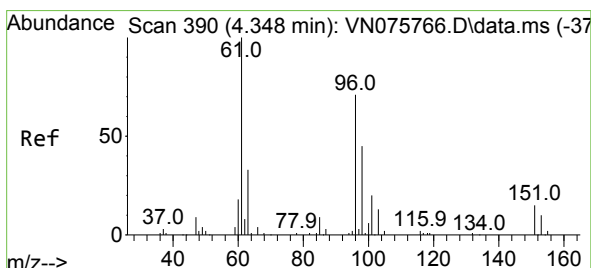
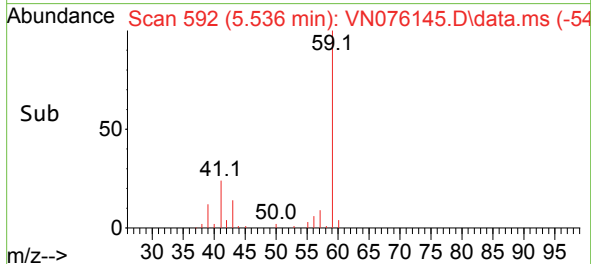
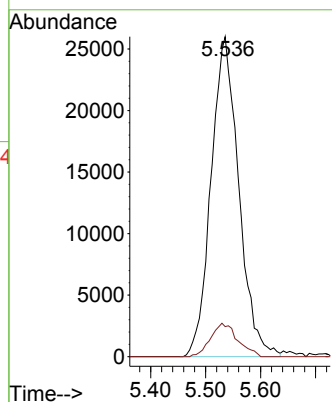
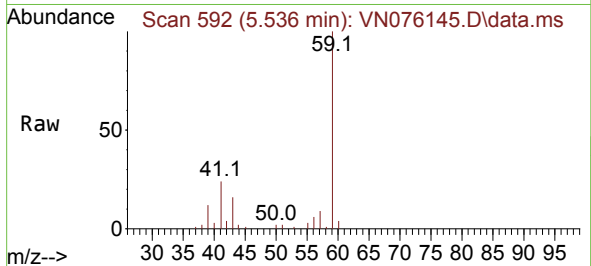




#11
Tert butyl alcohol
Concen: 217.135 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

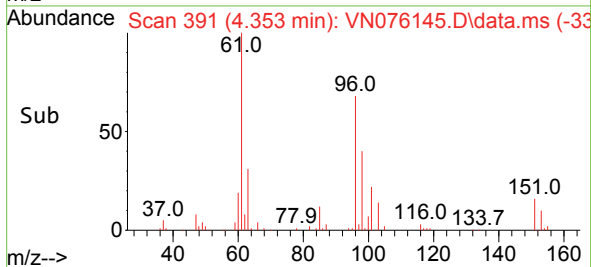
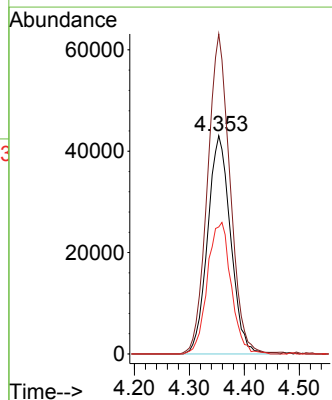
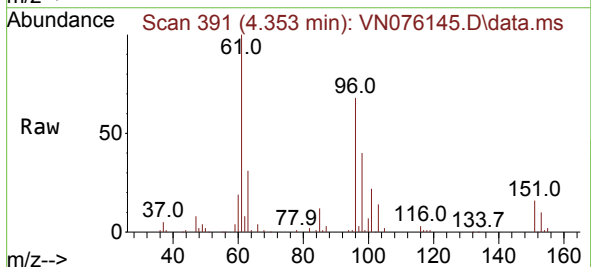
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

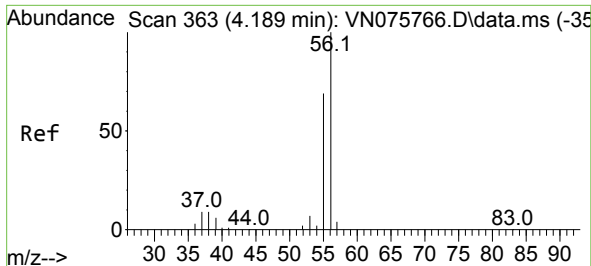
Tgt Ion: 59 Resp: 90920
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.888 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 96 Resp: 125091
Ion Ratio Lower Upper
96 100
61 146.6 113.3 169.9
98 58.2 50.9 76.3

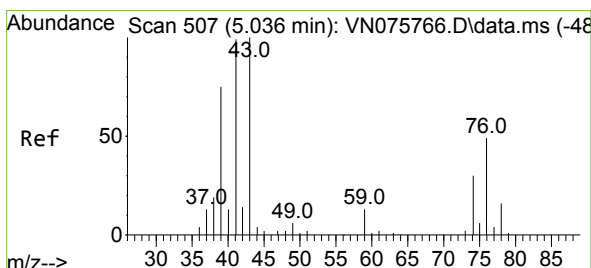
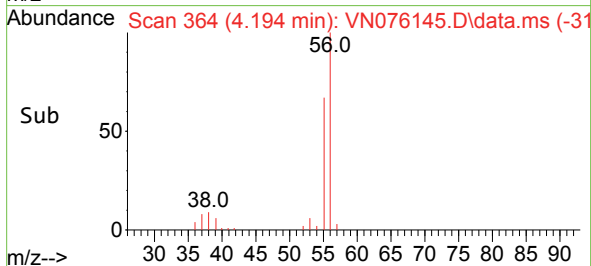
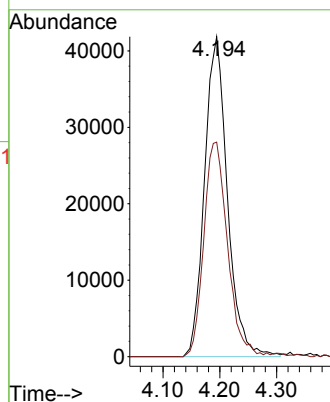
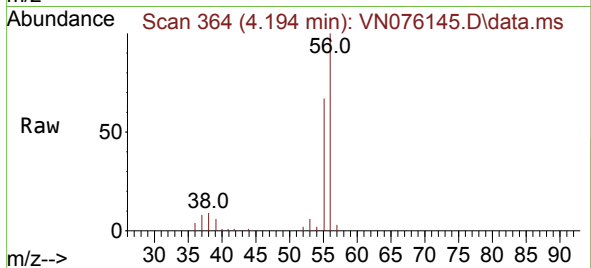




#13
Acrolein
Concen: 228.097 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

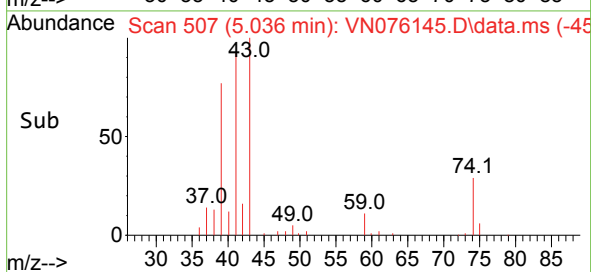
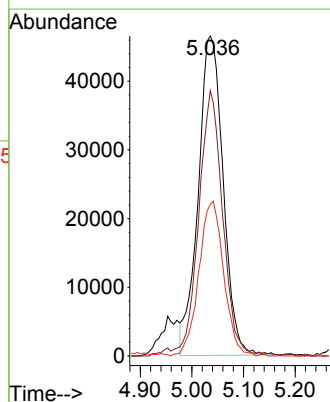
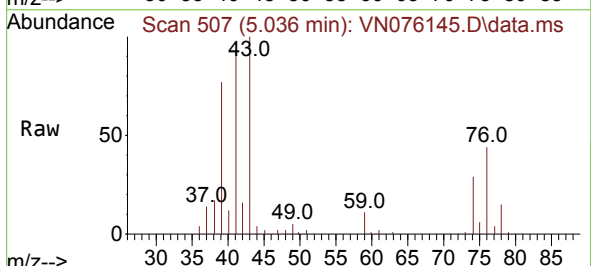
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

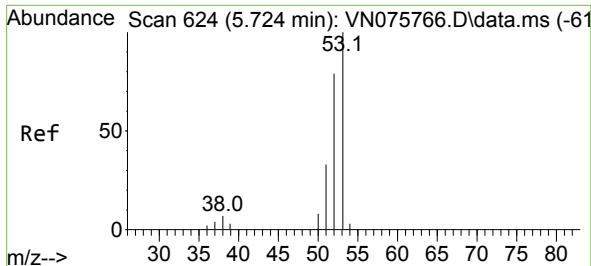
Tgt Ion: 56 Resp: 117092
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2



#14
Allyl chloride
Concen: 55.345 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 41 Resp: 155974
Ion Ratio Lower Upper
41 100
39 78.3 58.3 87.5
76 48.1 35.8 53.6

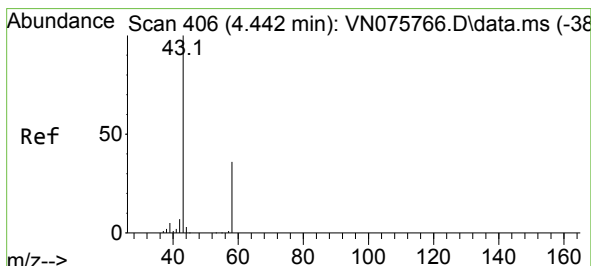
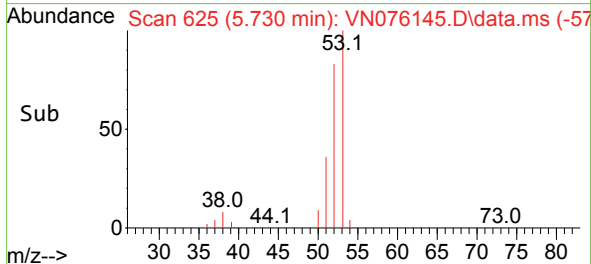
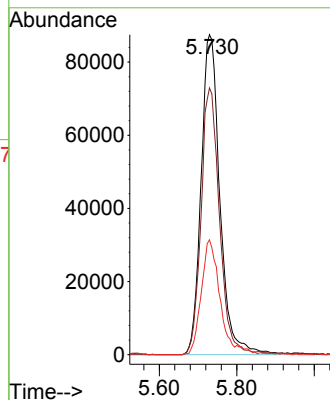
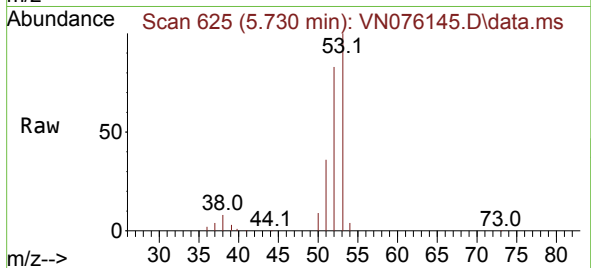




#15
Acrylonitrile
Concen: 257.995 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

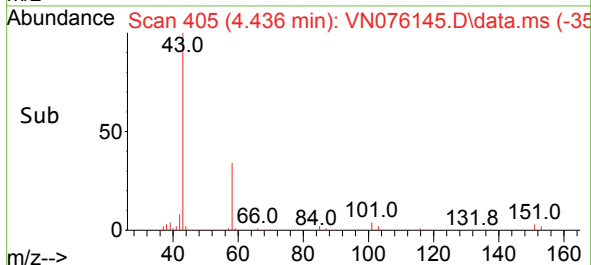
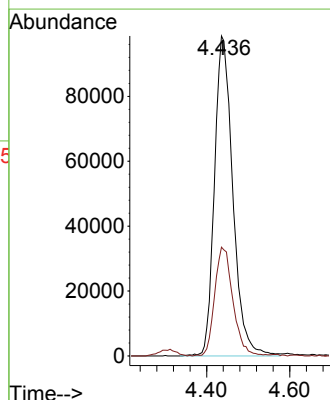
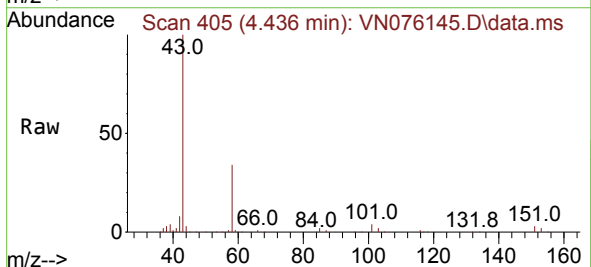
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

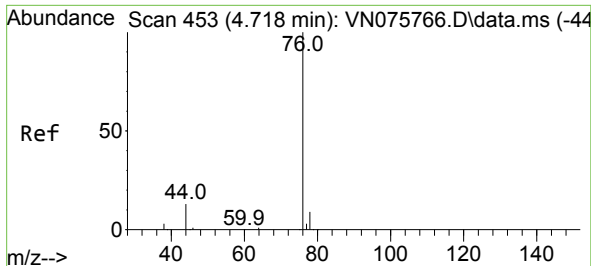
Tgt Ion: 53 Resp: 294805
Ion Ratio Lower Upper
53 100
52 81.3 65.4 98.0
51 36.2 28.9 43.3



#16
Acetone
Concen: 296.384 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 43 Resp: 302341
Ion Ratio Lower Upper
43 100
58 33.8 28.6 43.0

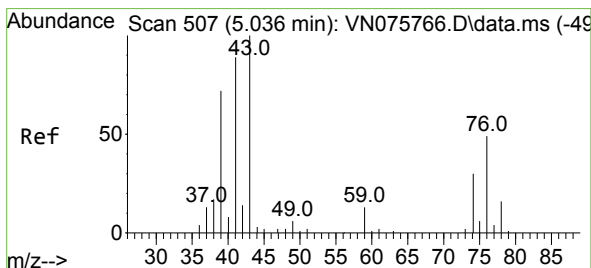
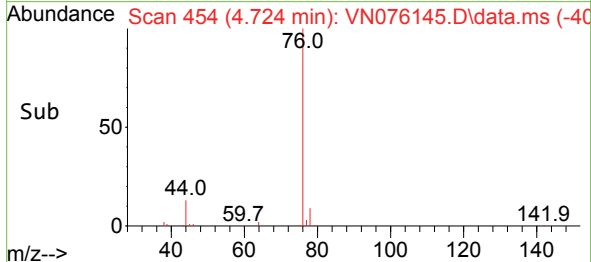
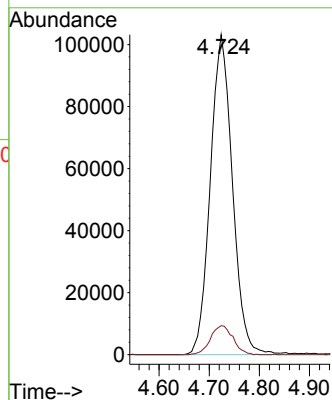
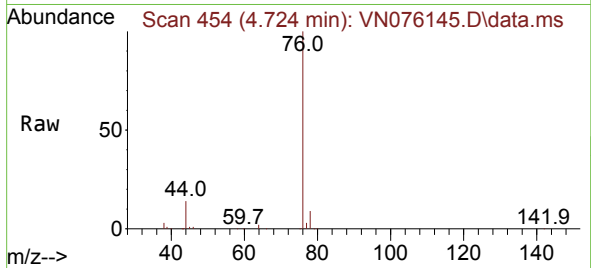




#17
Carbon Disulfide
Concen: 54.190 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

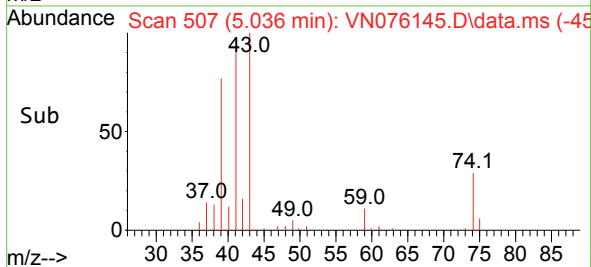
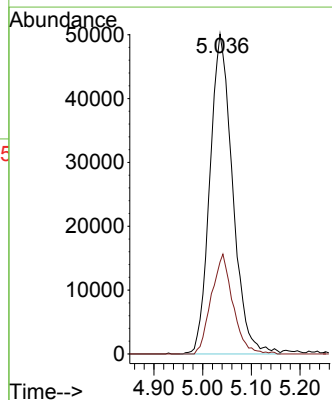
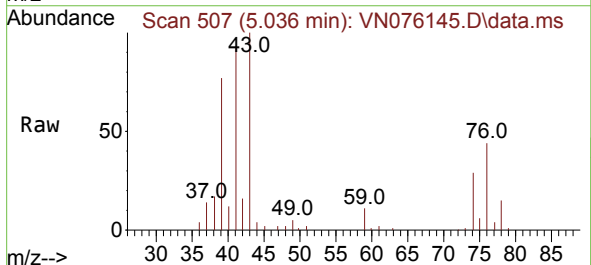
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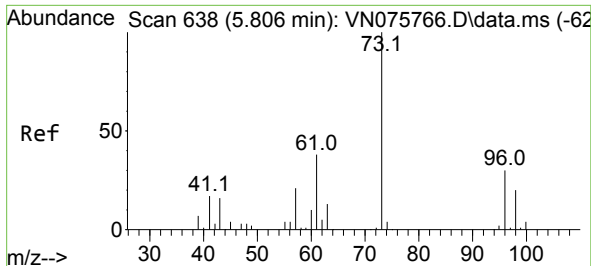
Tgt Ion: 76 Resp: 316306
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.860 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 43 Resp: 162405
Ion Ratio Lower Upper
43 100
74 29.7 23.6 35.4

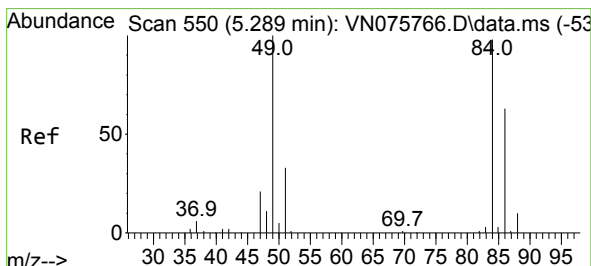
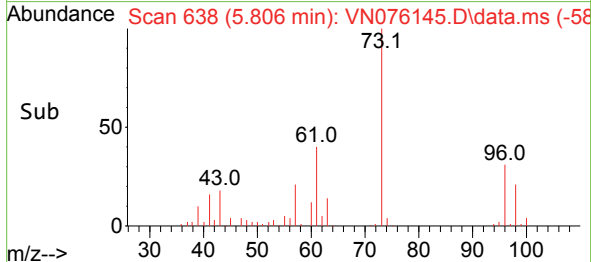
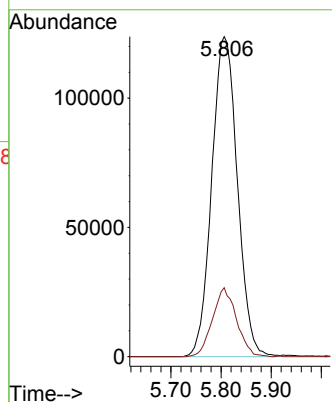
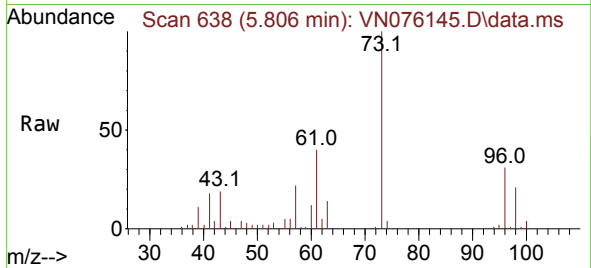




#19
Methyl tert-butyl Ether
Concen: 55.413 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

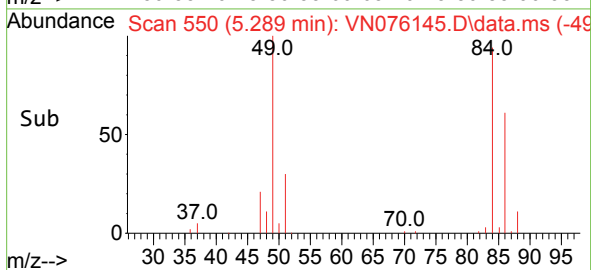
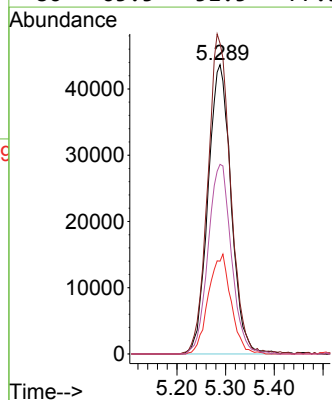
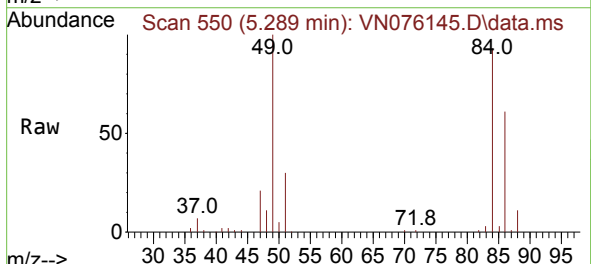
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

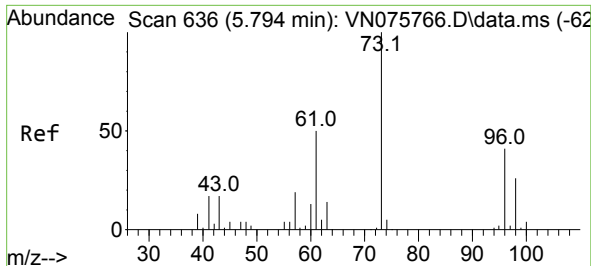
Tgt Ion: 73 Resp: 439917
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 52.678 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 84 Resp: 143656
Ion Ratio Lower Upper
84 100
49 107.4 81.8 122.6
51 32.1 26.7 40.1
86 65.5 51.5 77.3

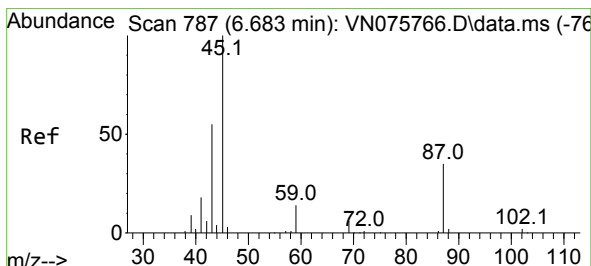
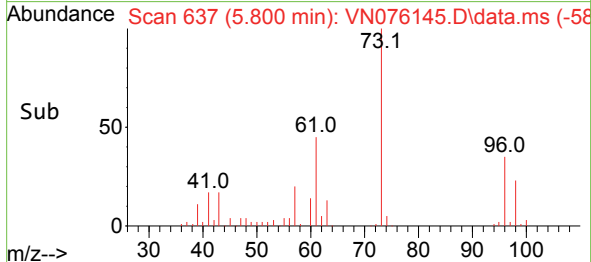
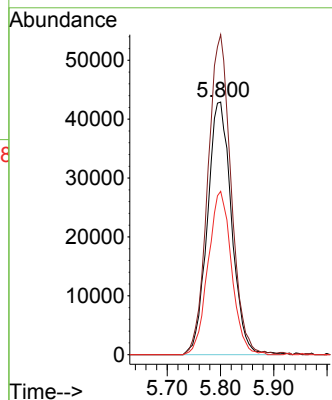
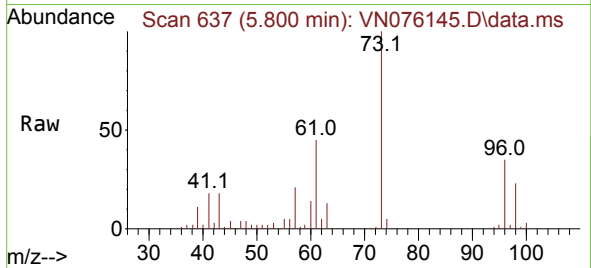




#21
trans-1,2-Dichloroethene
Concen: 51.053 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

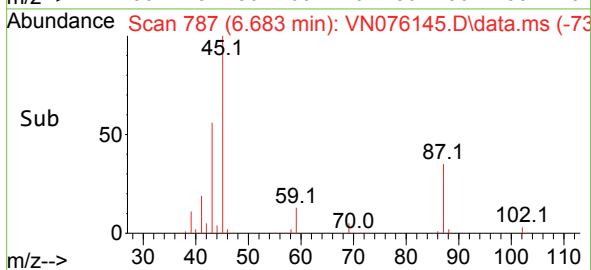
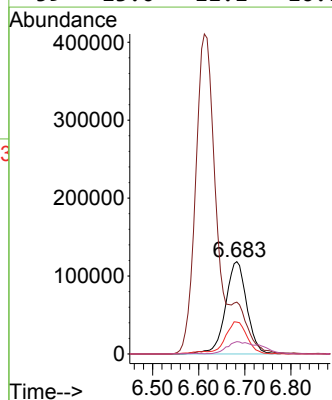
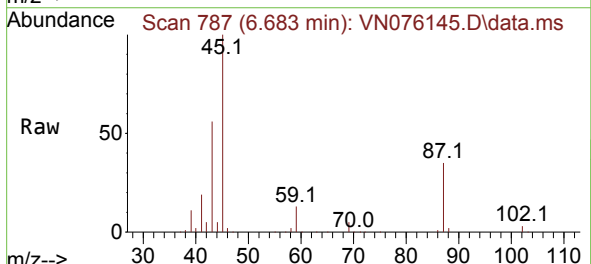
Instrument :
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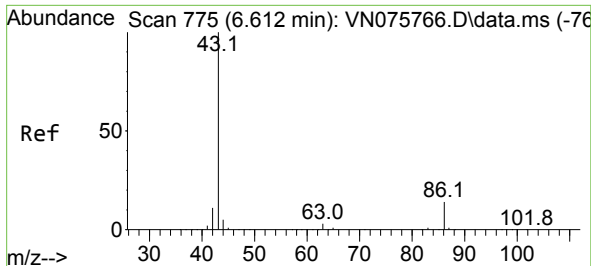
Tgt Ion: 96 Resp: 134790
Ion Ratio Lower Upper
96 100
61 126.7 98.1 147.1
98 64.7 51.4 77.2



#22
Diisopropyl ether
Concen: 55.470 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 45 Resp: 379756
Ion Ratio Lower Upper
45 100
43 54.8 44.2 66.4
87 34.4 28.3 42.5
59 13.0 11.1 16.7

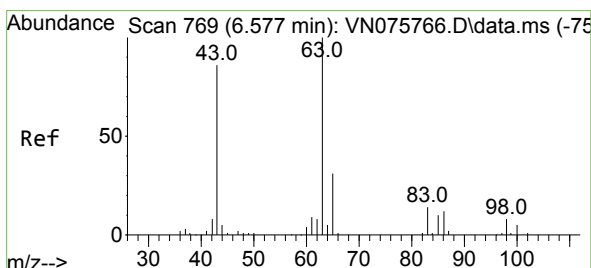
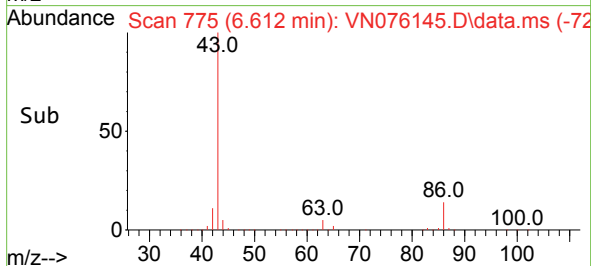
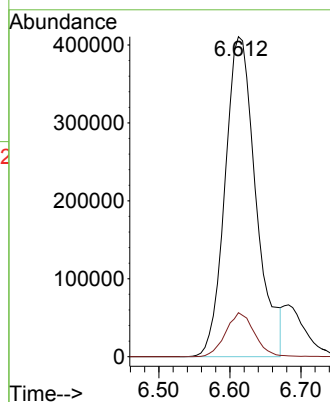
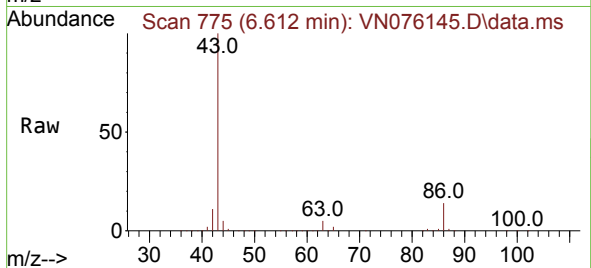




#23
 Vinyl Acetate
 Concen: 269.520 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076145.D
 Acq: 09 Jan 2023 10:32

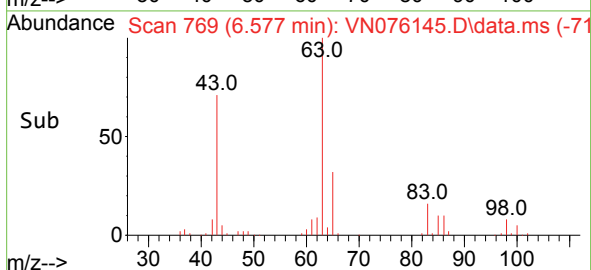
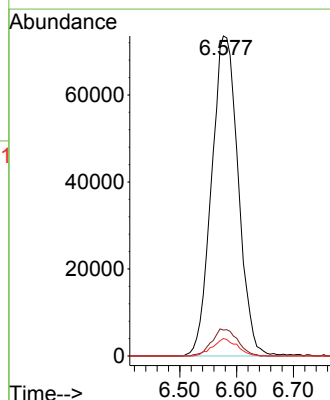
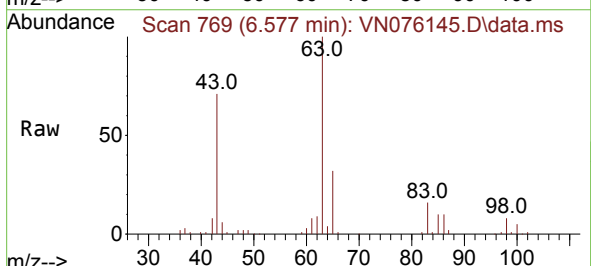
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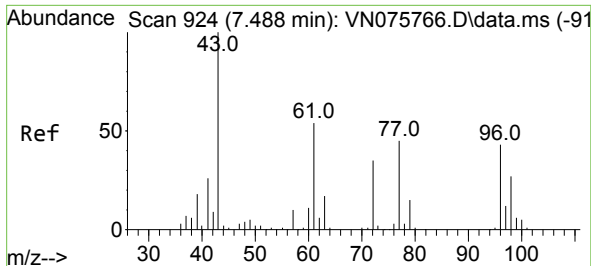
Tgt Ion: 43 Resp: 1241937
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 52.343 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076145.D
 Acq: 09 Jan 2023 10:32

Tgt Ion: 63 Resp: 238990
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 5.4 2.5 7.6

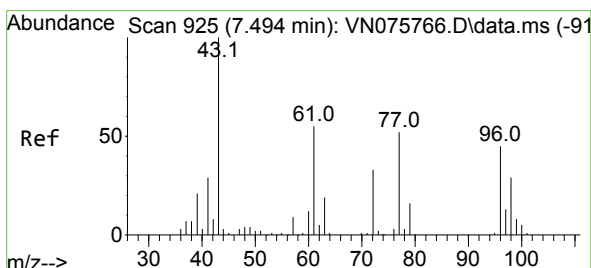
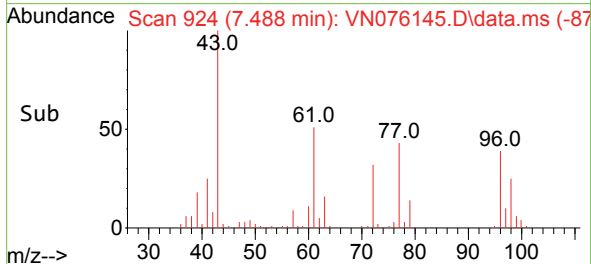
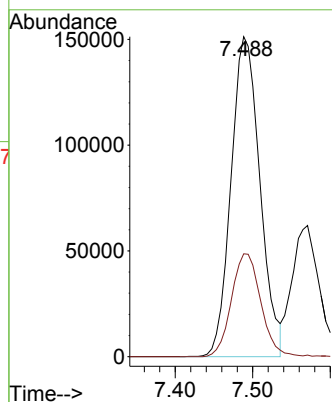
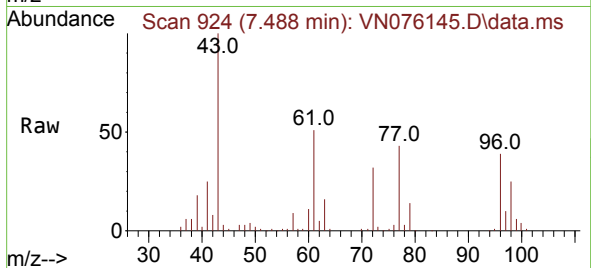




#25
2-Butanone
Concen: 275.188 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

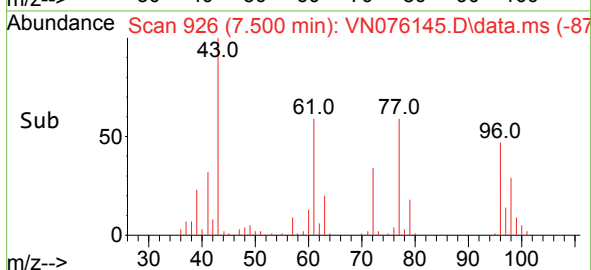
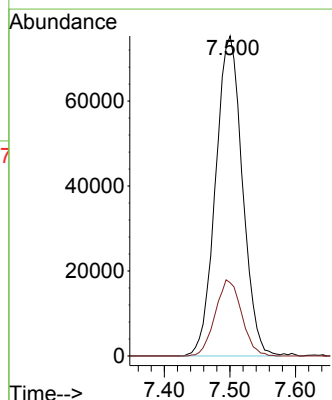
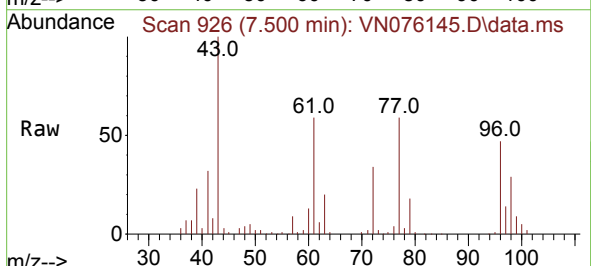
Instrument :
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ClientSampleId :
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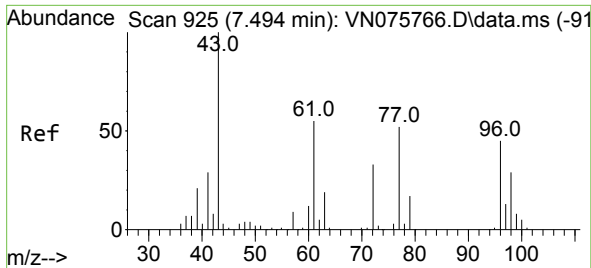
Tgt Ion: 43 Resp: 393058
Ion Ratio Lower Upper
43 100
72 32.2 28.0 42.0



#26
2,2-Dichloropropane
Concen: 55.337 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 77 Resp: 213963
Ion Ratio Lower Upper
77 100
97 23.4 12.7 38.0

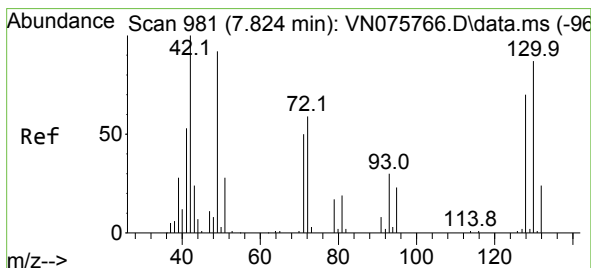
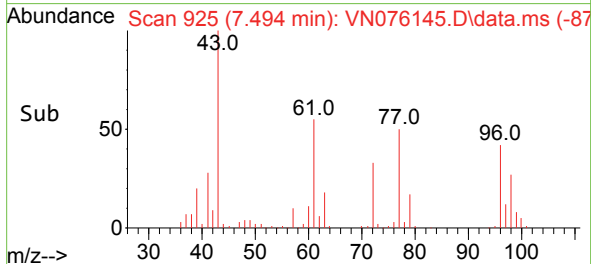
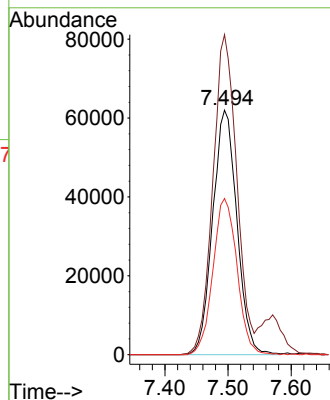
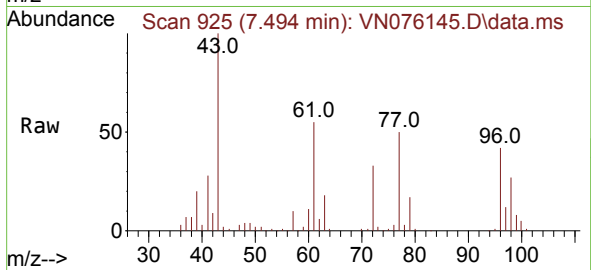




#27
 cis-1,2-Dichloroethene
 Concen: 52.365 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076145.D
 Acq: 09 Jan 2023 10:32

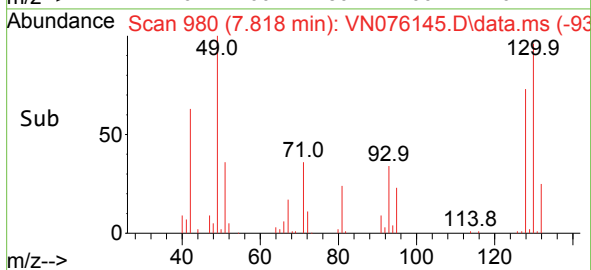
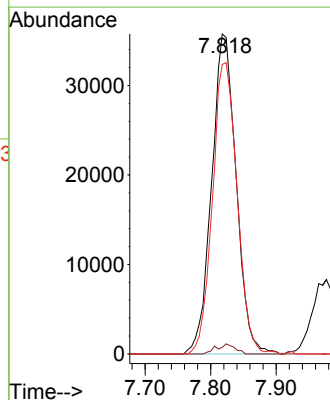
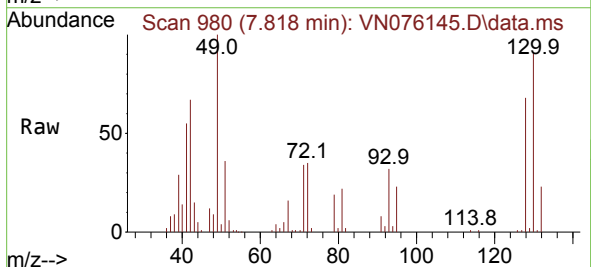
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

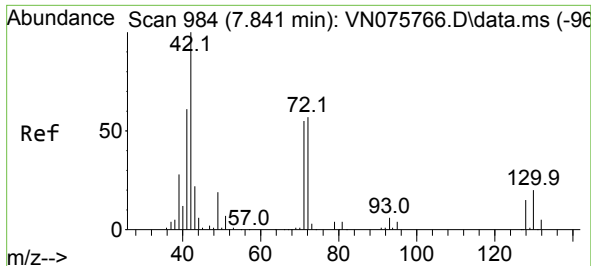
Tgt Ion: 96 Resp: 165351
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 247.8
 98 63.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 46.386 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076145.D
 Acq: 09 Jan 2023 10:32

Tgt Ion: 49 Resp: 92827
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 91.4 77.0 115.4

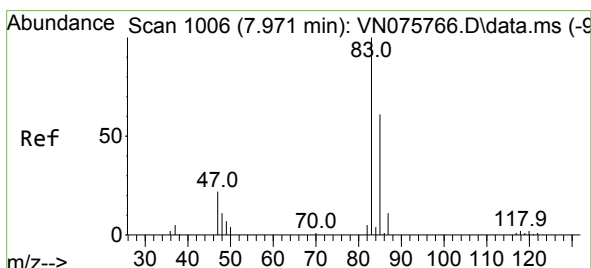
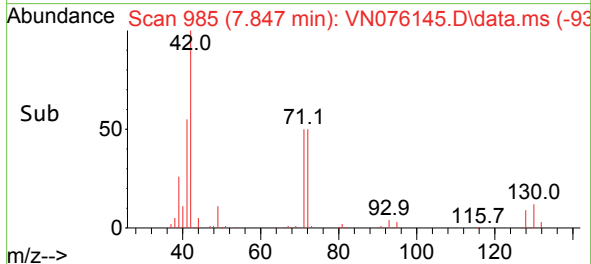
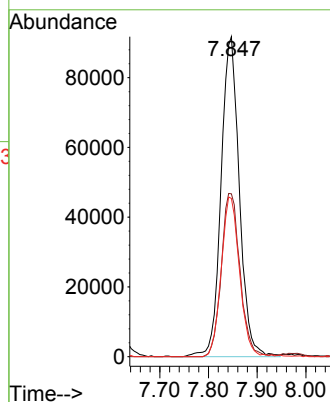
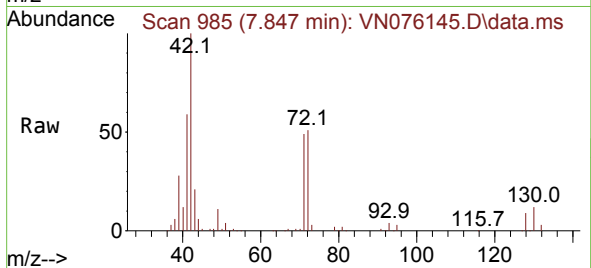




#29
Tetrahydrofuran
Concen: 268.067 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

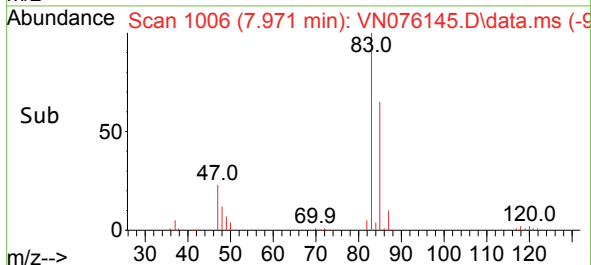
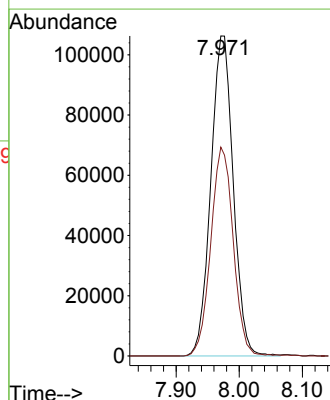
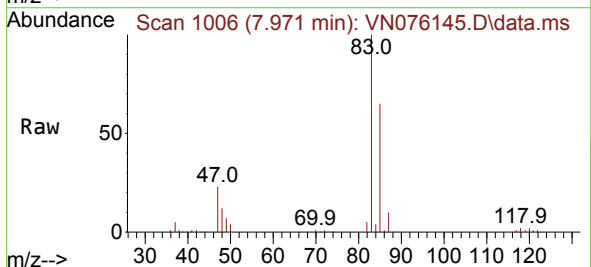
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

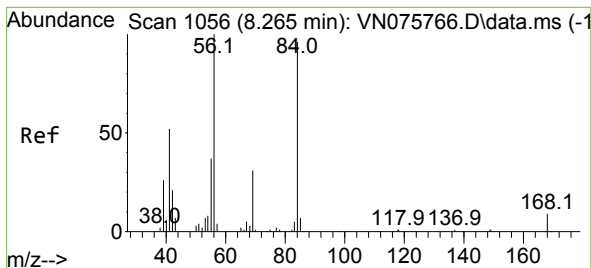
Tgt Ion: 42 Resp: 239945
Ion Ratio Lower Upper
42 100
72 52.1 44.5 66.7
71 49.9 41.0 61.6



#30
Chloroform
Concen: 51.066 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 83 Resp: 262515
Ion Ratio Lower Upper
83 100
85 65.3 49.1 73.7





#31

Cyclohexane

Concen: 50.858 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

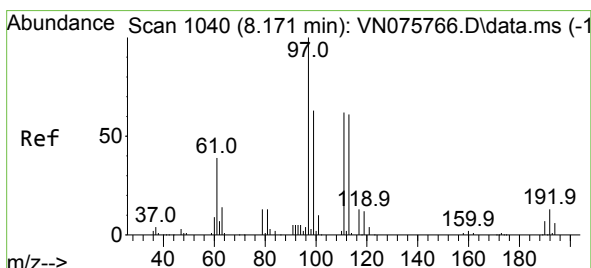
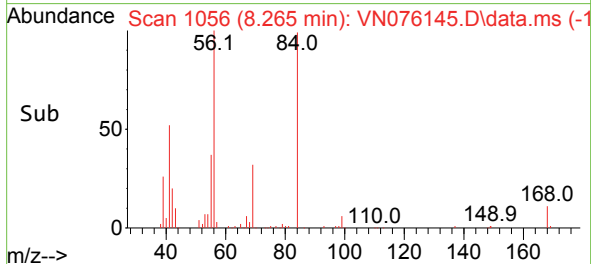
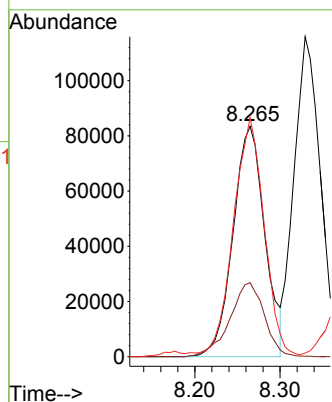
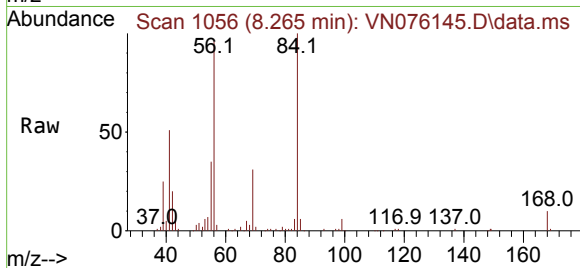
Tgt Ion: 56 Resp: 215542

Ion Ratio Lower Upper

56 100

69 32.2 24.7 37.1

84 102.1 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 53.119 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

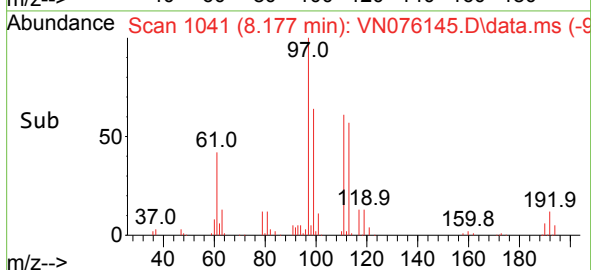
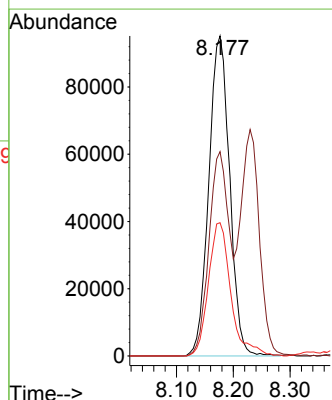
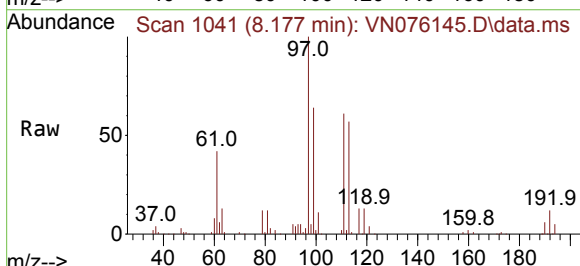
Tgt Ion: 97 Resp: 242089

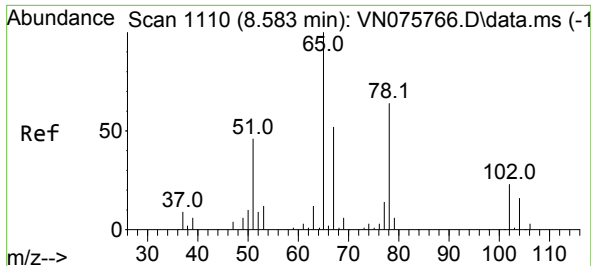
Ion Ratio Lower Upper

97 100

99 61.8 50.2 75.2

61 44.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.666 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

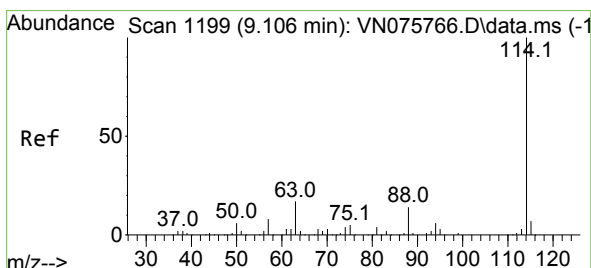
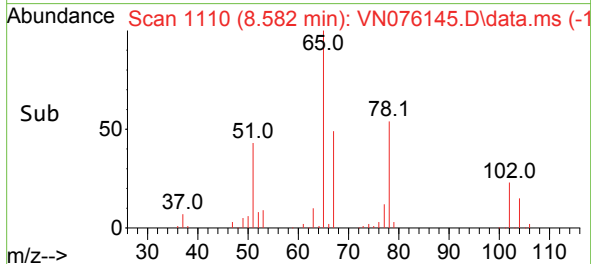
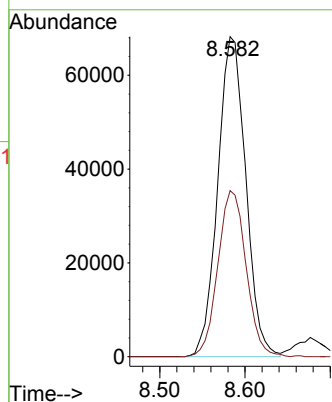
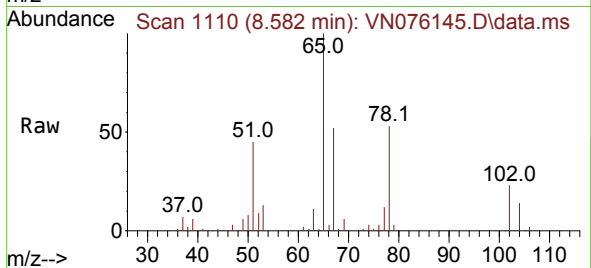
VSTDCCC050

Tgt Ion: 65 Resp: 155850

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

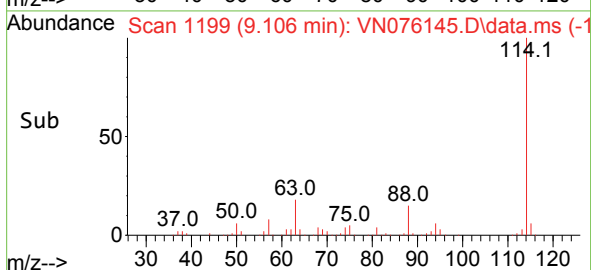
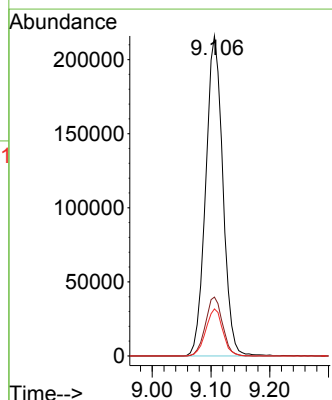
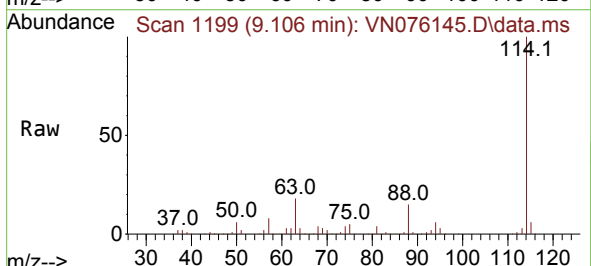
Tgt Ion: 114 Resp: 437184

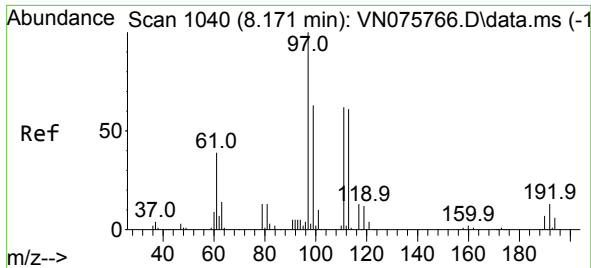
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 14.7 0.0 28.8

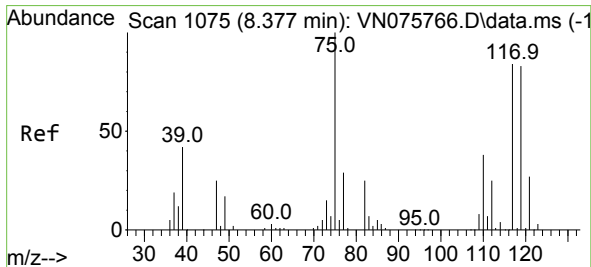
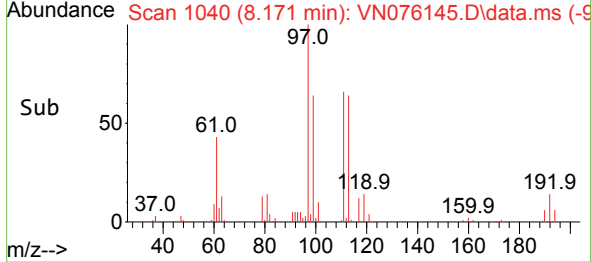
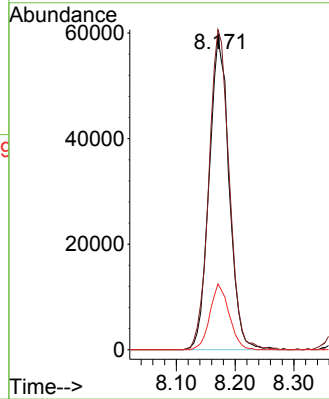
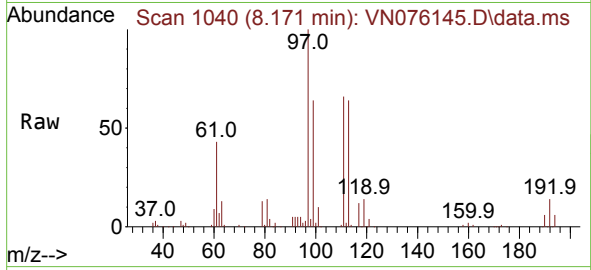




#35
Dibromofluoromethane
Concen: 51.810 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

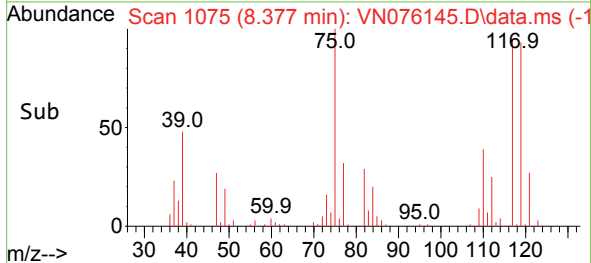
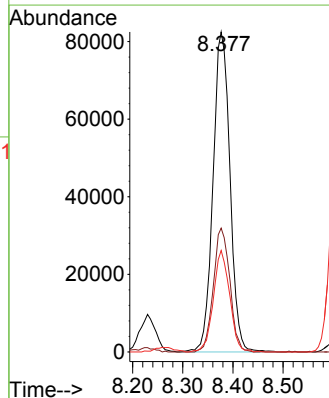
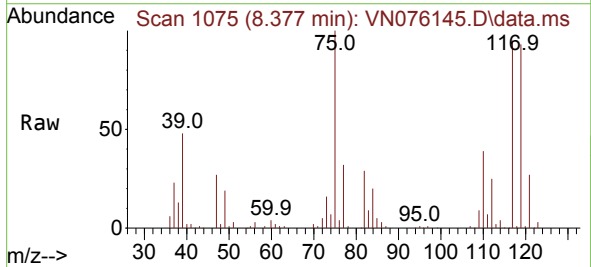
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

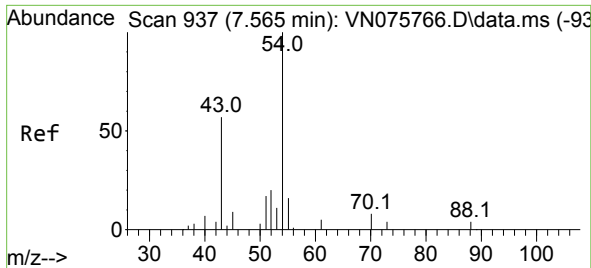
Tgt Ion:113 Resp: 140271
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 53.829 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 75 Resp: 193596
Ion Ratio Lower Upper
75 100
110 37.5 18.8 56.4
77 30.5 24.1 36.1

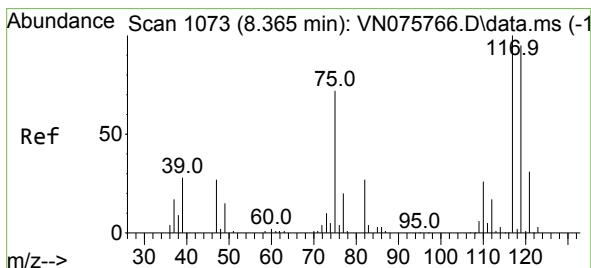
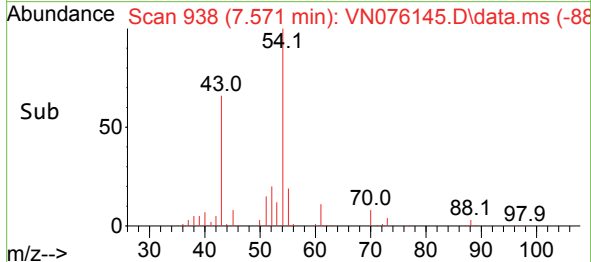
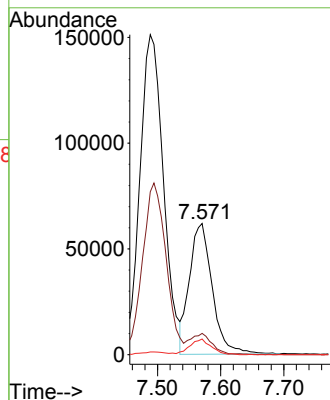
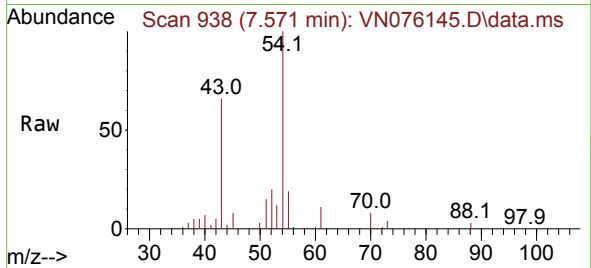




#37
Ethyl Acetate
Concen: 53.908 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

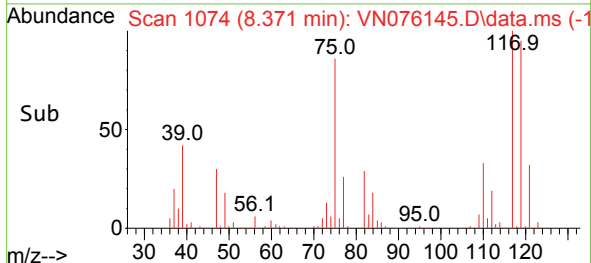
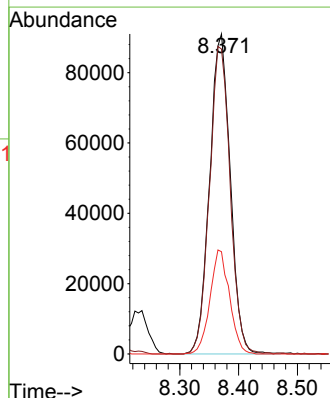
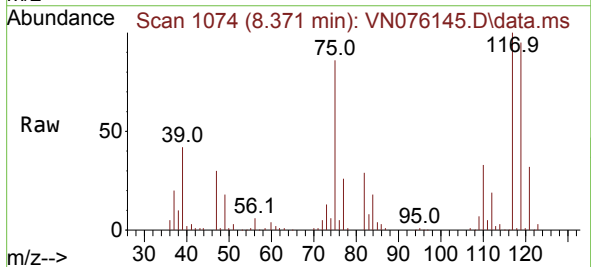
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

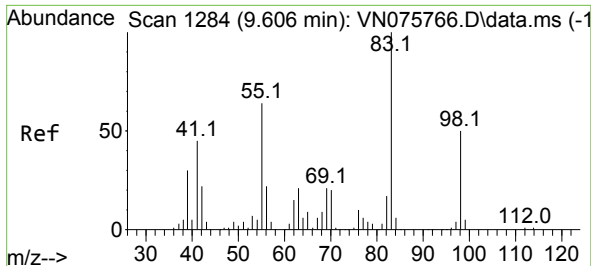
Tgt Ion: 43 Resp: 155734
Ion Ratio Lower Upper
43 100
61 14.4 13.0 19.4
70 11.0 9.4 14.0



#38
Carbon Tetrachloride
Concen: 55.207 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 117 Resp: 222227
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 56.089 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

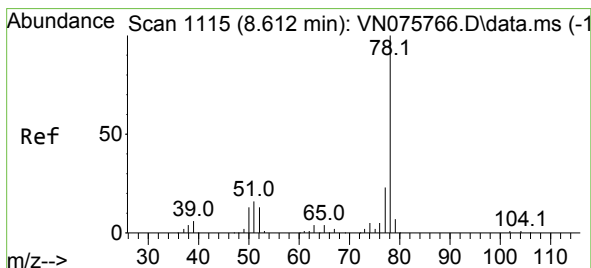
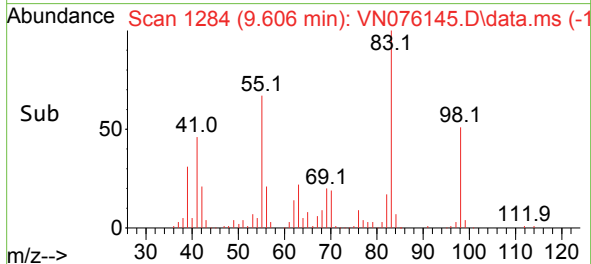
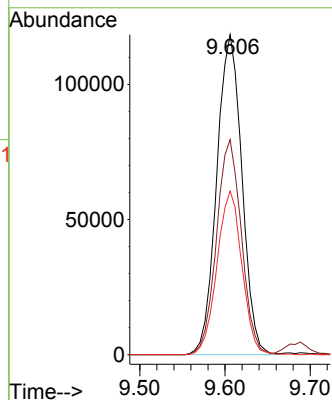
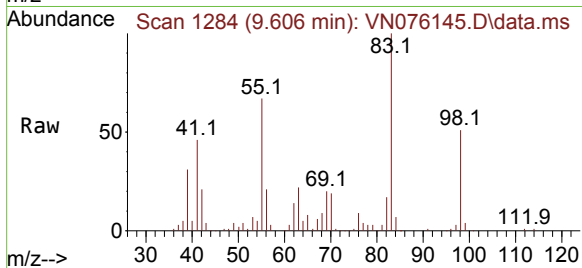
Tgt Ion: 83 Resp: 243367

Ion Ratio Lower Upper

83 100

55 67.2 51.4 77.0

98 51.2 39.8 59.8



#40

Benzene

Concen: 51.824 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076145.D

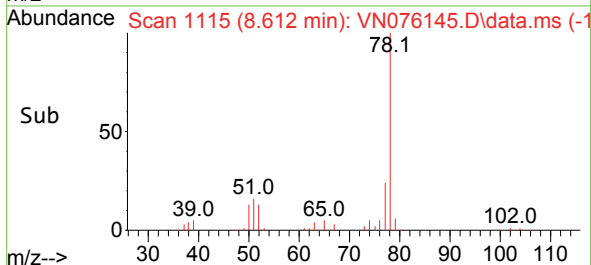
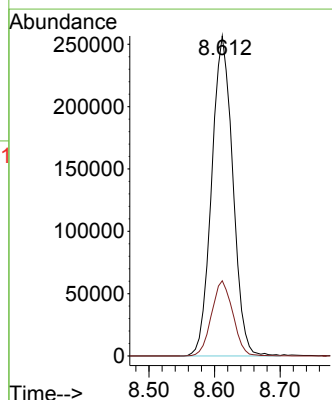
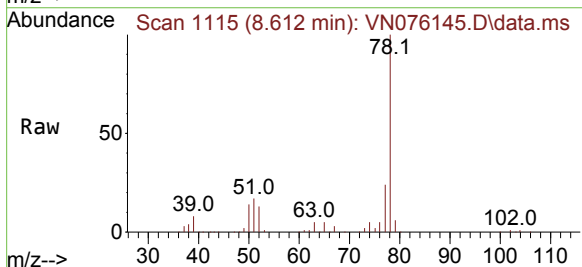
Acq: 09 Jan 2023 10:32

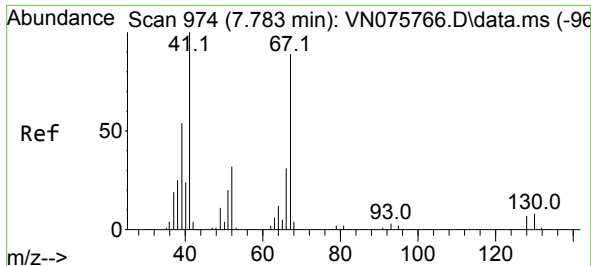
Tgt Ion: 78 Resp: 575069

Ion Ratio Lower Upper

78 100

77 23.5 18.5 27.7

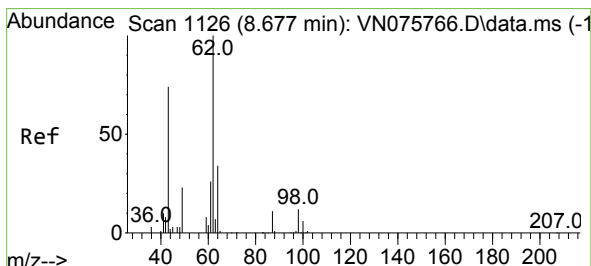
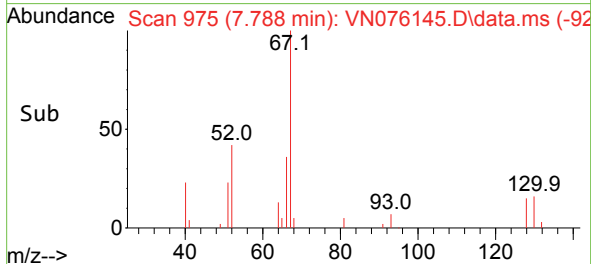
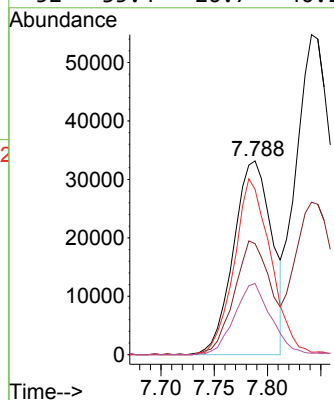
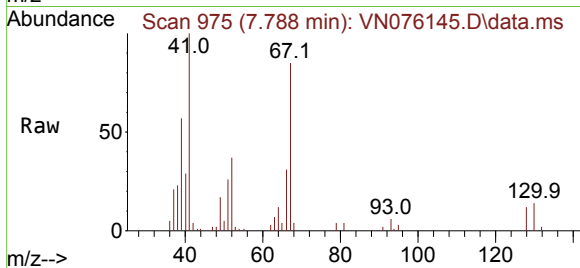




#41
Methacrylonitrile
Concen: 55.487 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

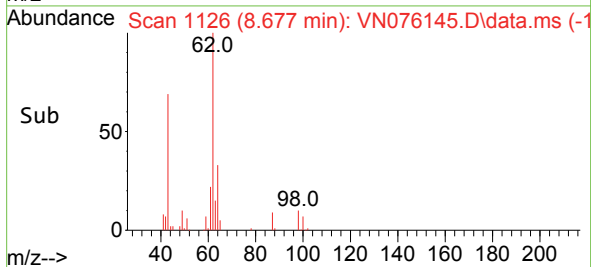
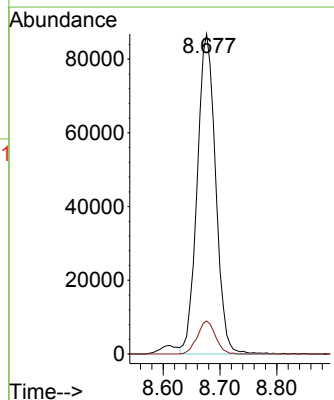
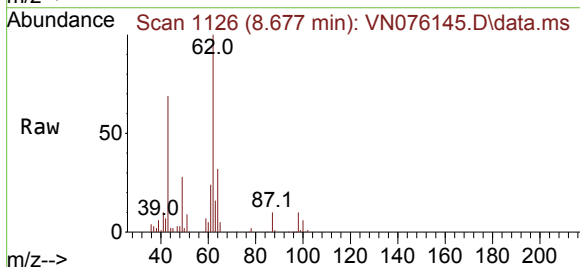
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

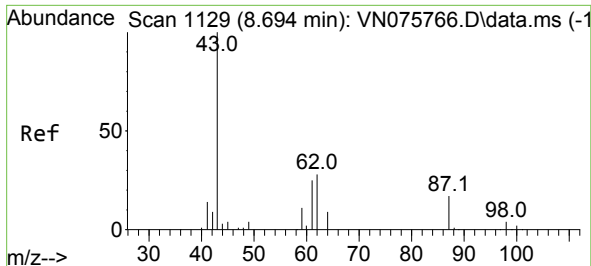
Tgt Ion:	41	Resp:	83321
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.1	64.7
67	87.0	70.7	106.1
52	35.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 53.029 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:	62	Resp:	195629
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8

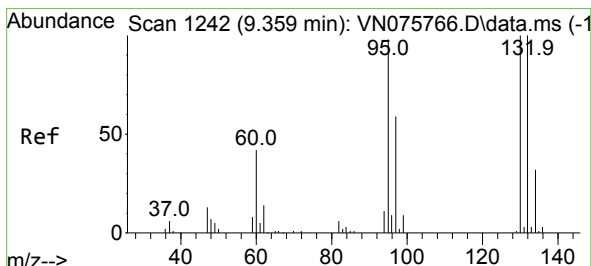
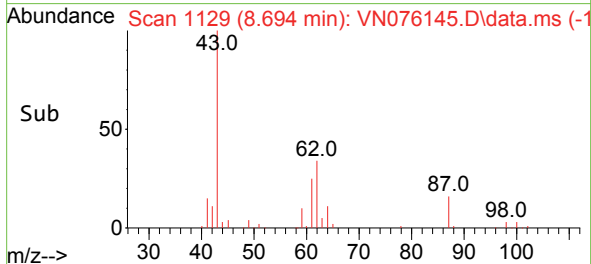
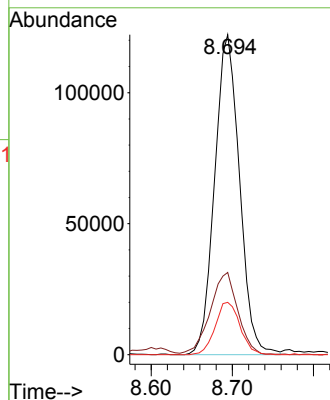
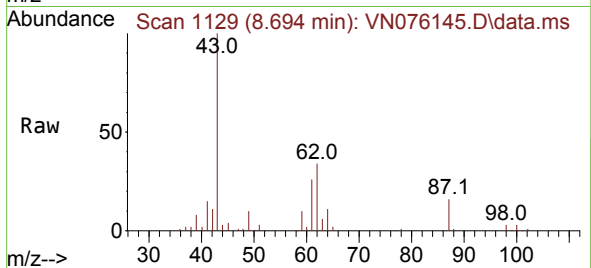




#43
Isopropyl Acetate
Concen: 54.564 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

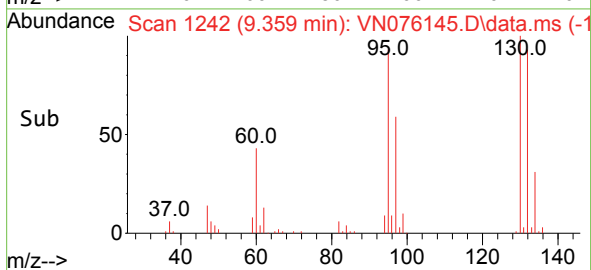
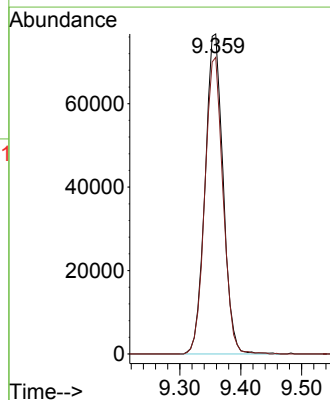
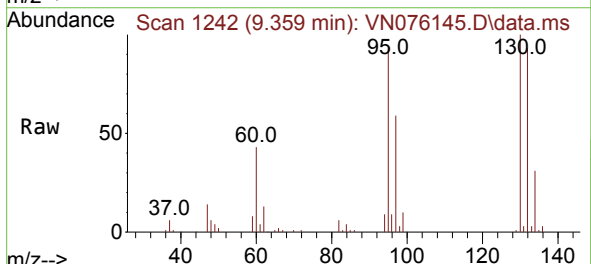
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

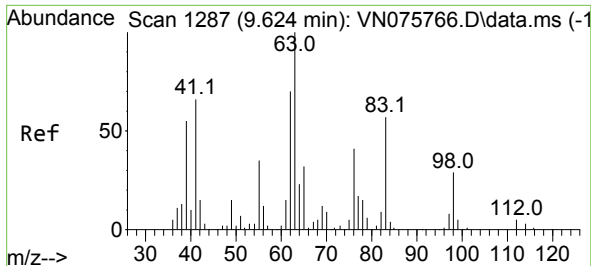
Tgt Ion: 43 Resp: 260024
Ion Ratio Lower Upper
43 100
61 28.7 24.2 36.4
87 16.4 13.3 19.9



#44
Trichloroethene
Concen: 50.289 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:130 Resp: 157208
Ion Ratio Lower Upper
130 100
95 92.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 52.065 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

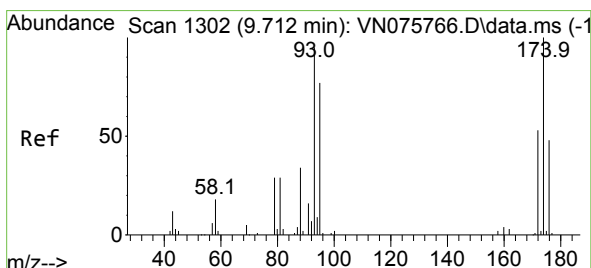
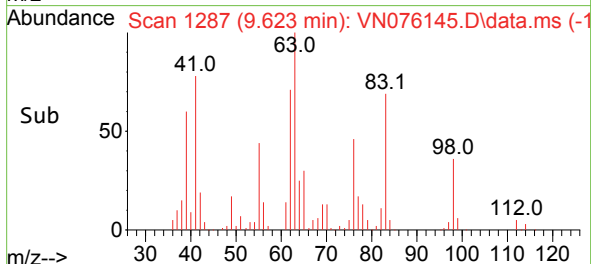
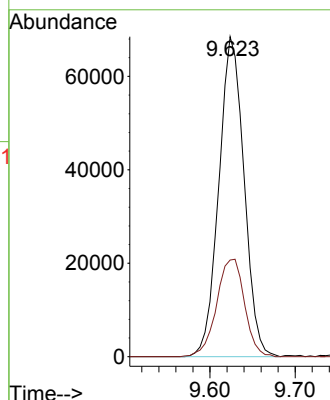
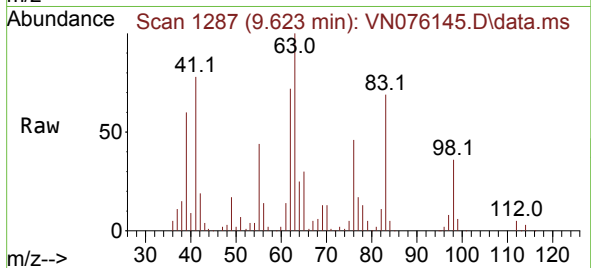
VSTDCCC050

Tgt Ion: 63 Resp: 140591

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 52.242 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

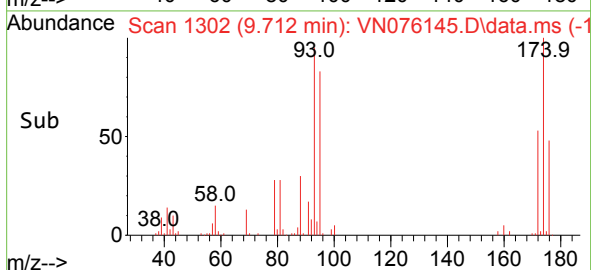
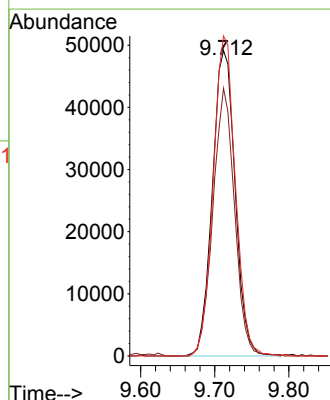
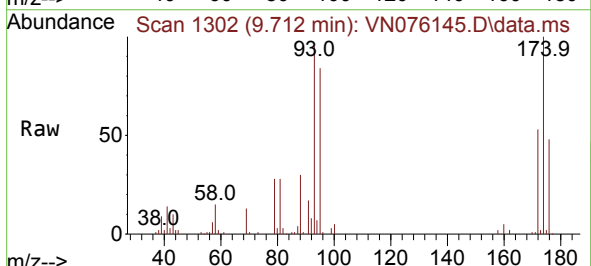
Tgt Ion: 93 Resp: 104630

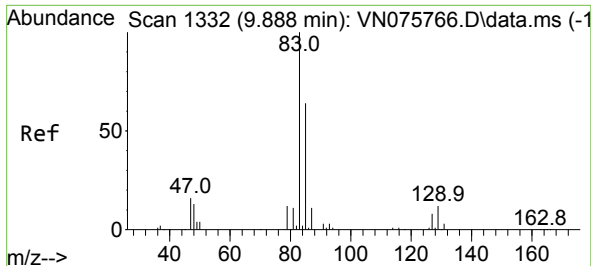
Ion Ratio Lower Upper

93 100

95 83.6 65.2 97.8

174 102.1 82.4 123.6

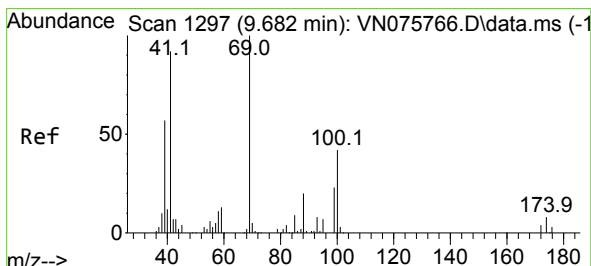
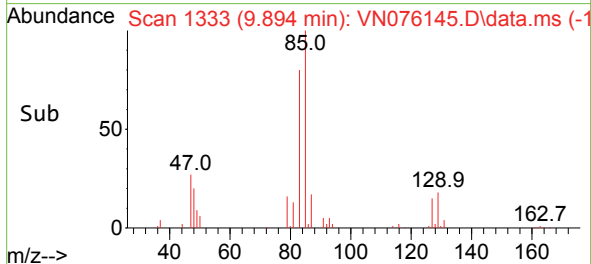
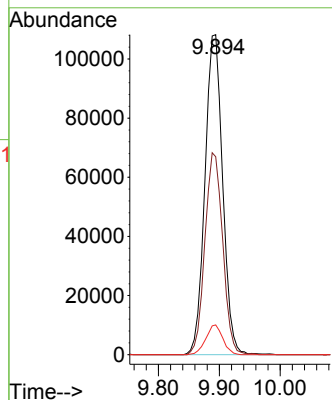
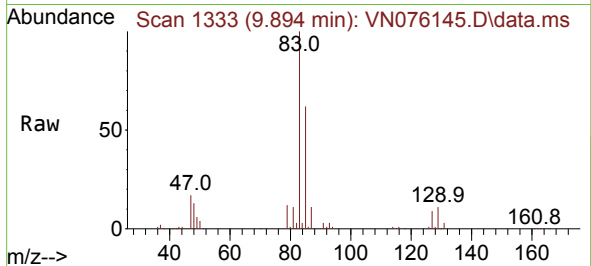




#47
Bromodichloromethane
Concen: 55.765 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

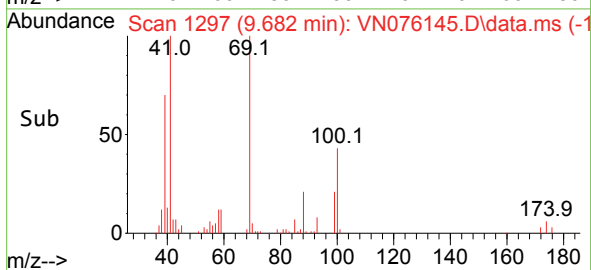
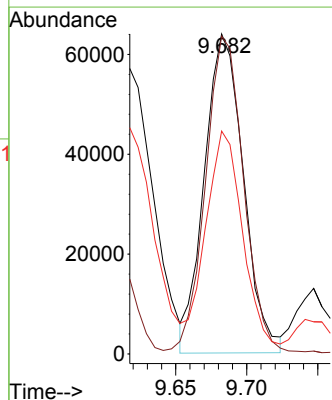
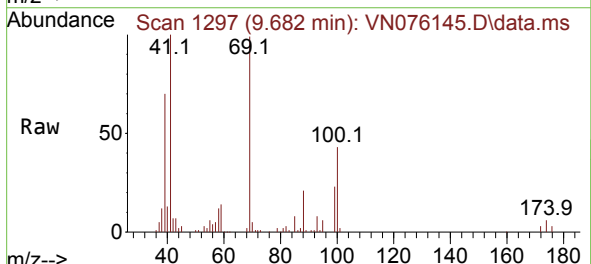
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

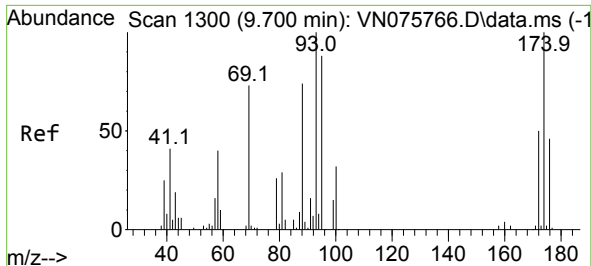
Tgt Ion: 83 Resp: 219024
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 56.915 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 41 Resp: 122158
Ion Ratio Lower Upper
41 100
69 98.7 81.9 122.9
39 67.5 51.6 77.4





#49

1,4-Dioxane

Concen: 979.875 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

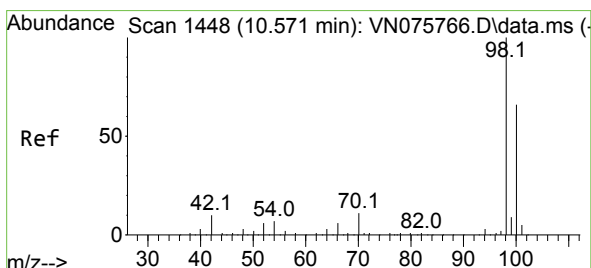
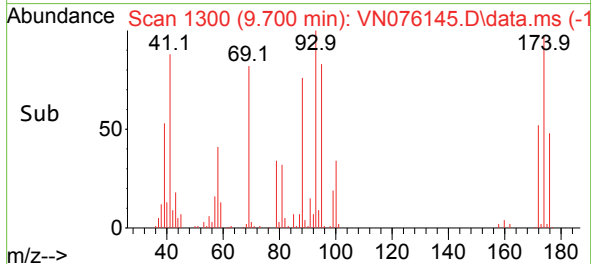
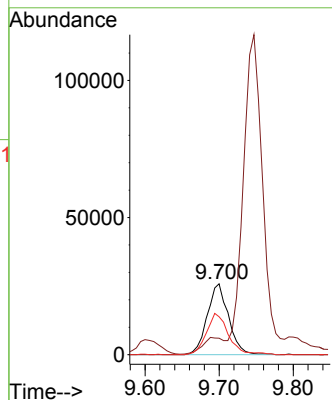
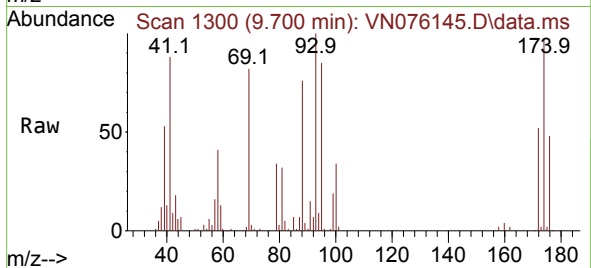
Tgt Ion: 88 Resp: 51704

Ion Ratio Lower Upper

88 100

43 22.3 17.1 25.7

58 60.5 47.8 71.8



#50

Toluene-d8

Concen: 51.023 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076145.D

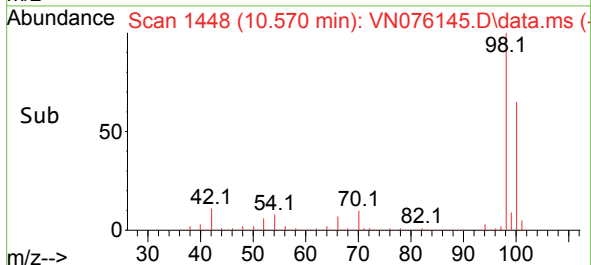
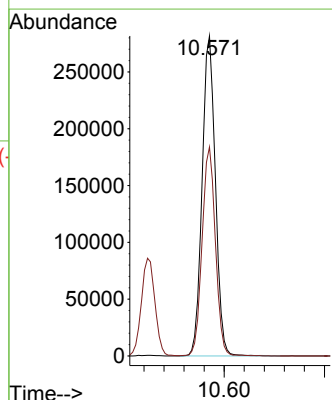
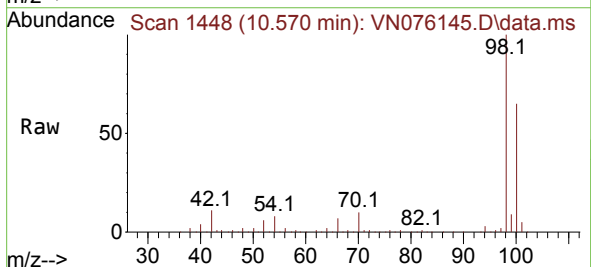
Acq: 09 Jan 2023 10:32

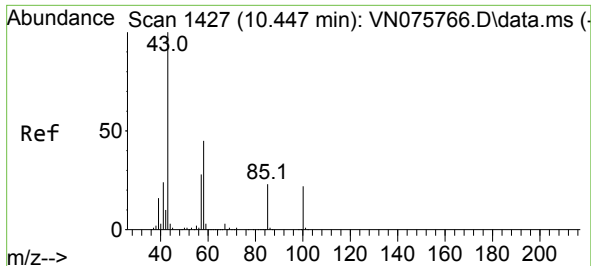
Tgt Ion: 98 Resp: 516491

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1

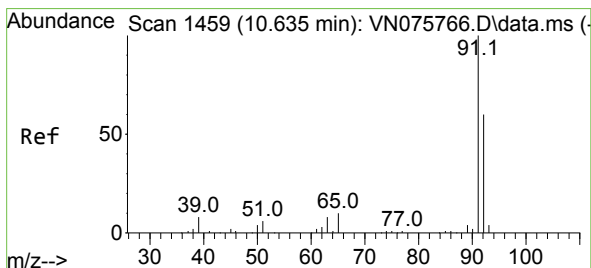
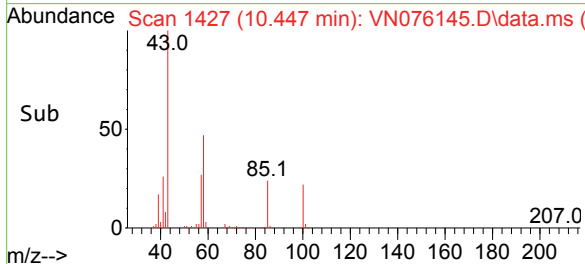
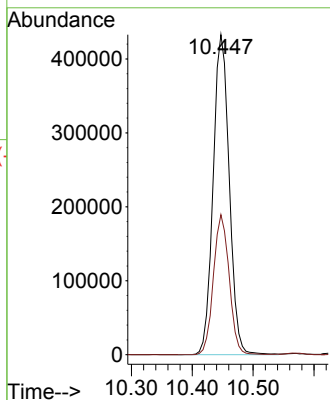
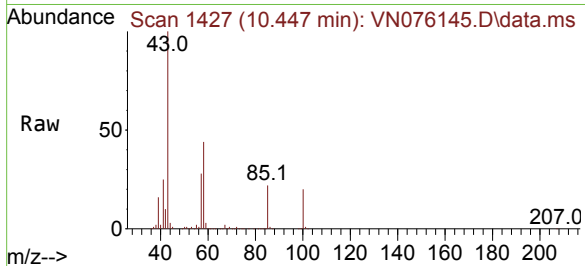




#51
4-Methyl-2-Pentanone
Concen: 275.875 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

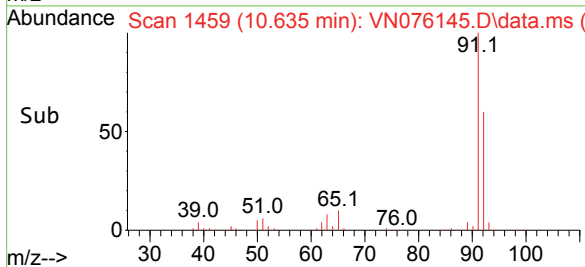
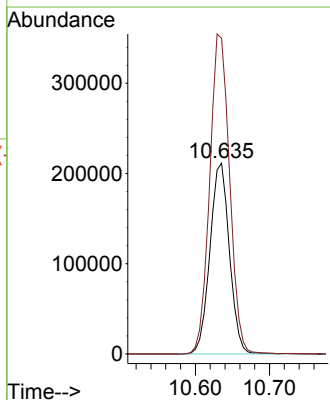
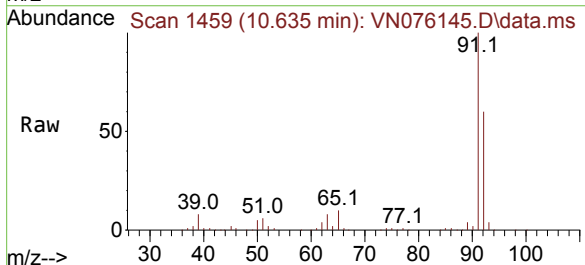
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

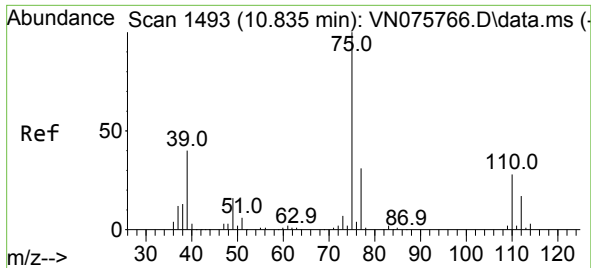
Tgt Ion: 43 Resp: 795057
Ion Ratio Lower Upper
43 100
58 42.7 35.5 53.3



#52
Toluene
Concen: 53.340 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 92 Resp: 385482
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9

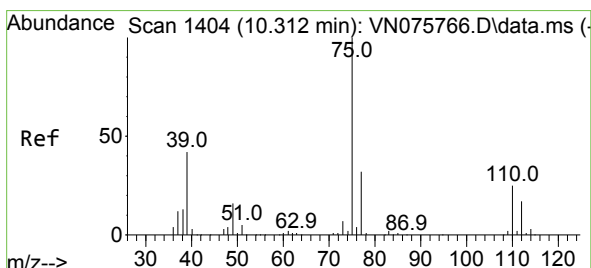
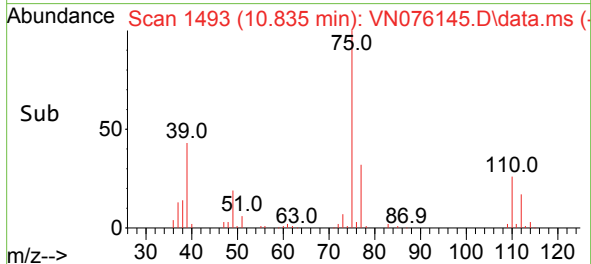
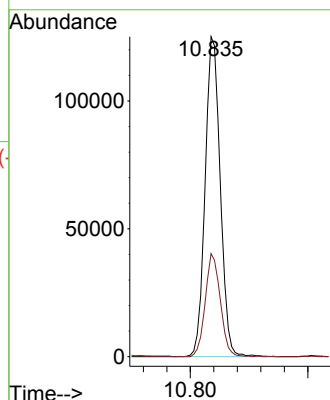
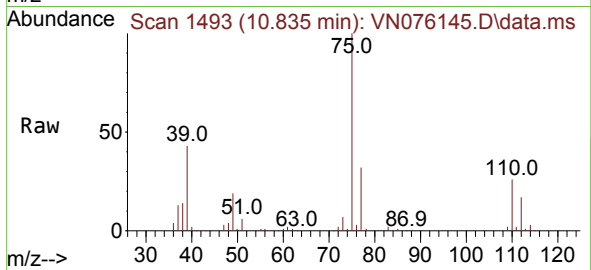




#53
t-1,3-Dichloropropene
Concen: 58.219 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

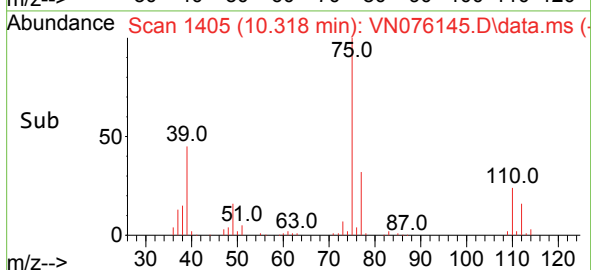
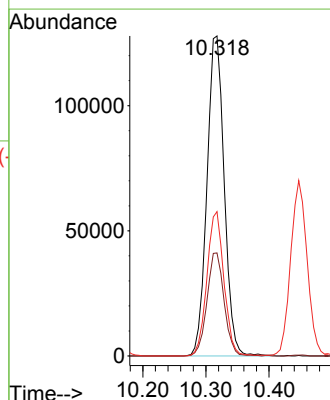
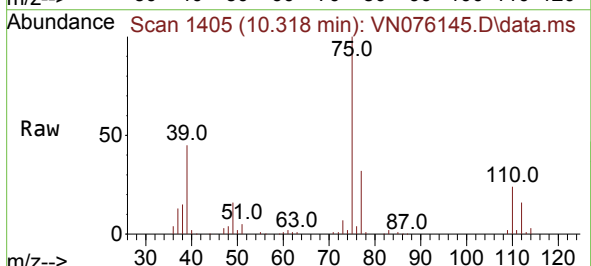
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

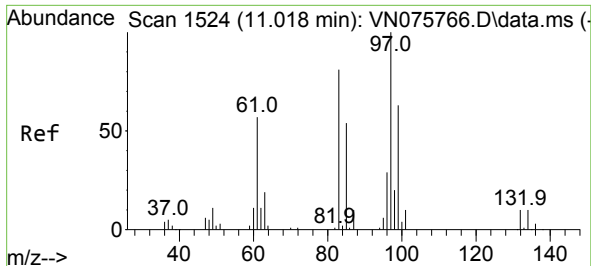
Tgt Ion: 75 Resp: 223834
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 57.516 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 75 Resp: 242791
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
39 45.1 33.4 50.2

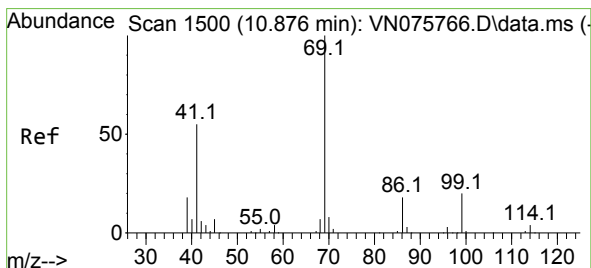
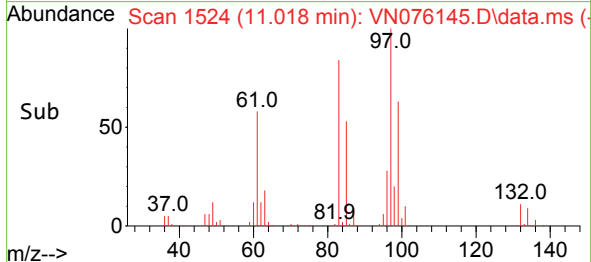
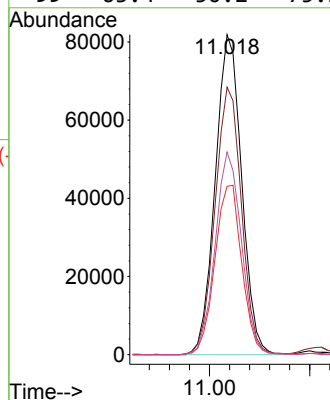
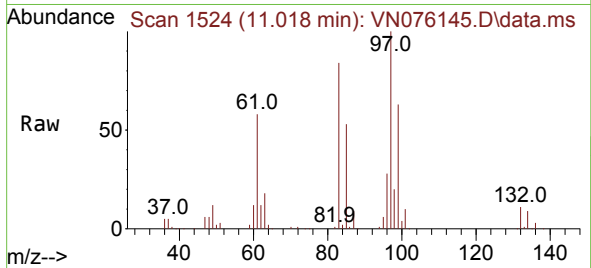




#55
1,1,2-Trichloroethane
Concen: 52.613 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

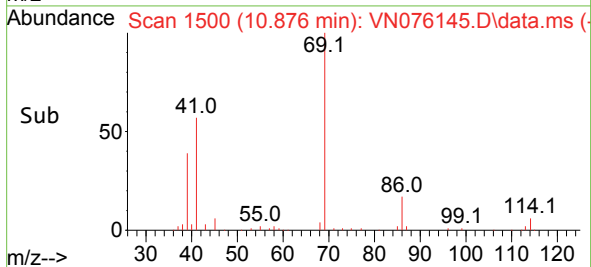
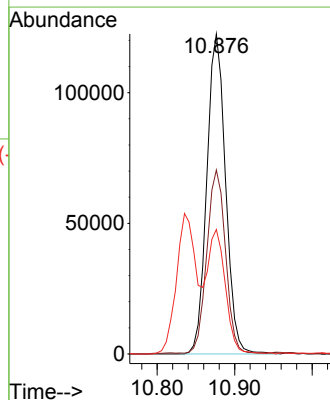
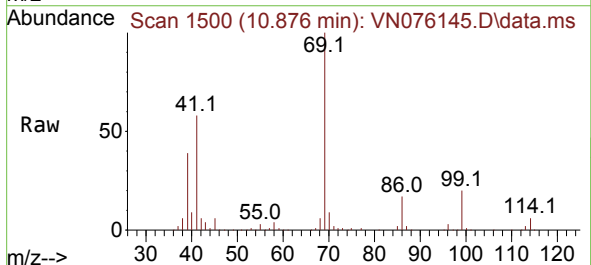
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

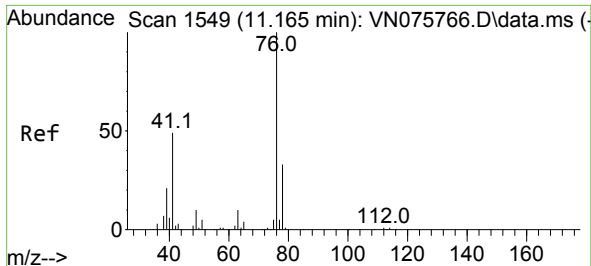
Tgt Ion:	97	Resp:	149243
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.0	97.4
85	52.6	43.0	64.6
99	63.4	50.2	75.2



#56
Ethyl methacrylate
Concen: 54.666 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:	69	Resp:	205969
Ion	Ratio	Lower	Upper
69	100		
41	56.9	44.2	66.4
39	36.3	26.4	39.6





#57

1,3-Dichloropropane

Concen: 52.846 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

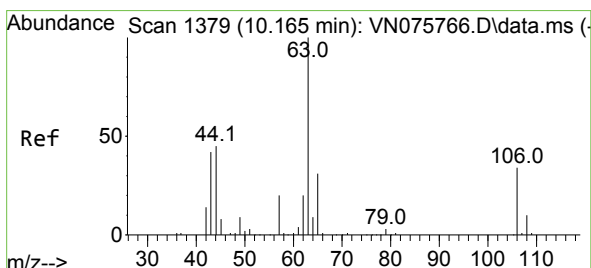
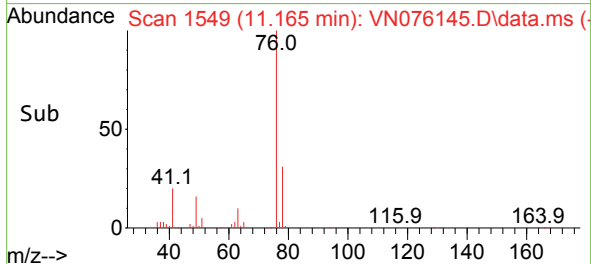
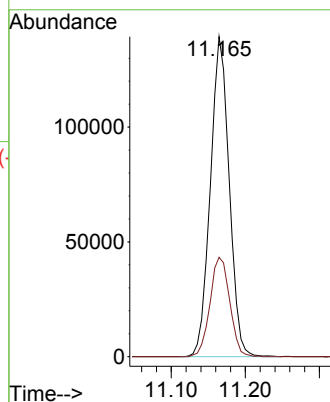
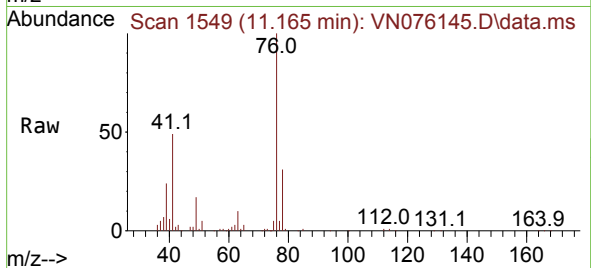
VSTDCCC050

Tgt Ion: 76 Resp: 245887

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 238.262 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076145.D

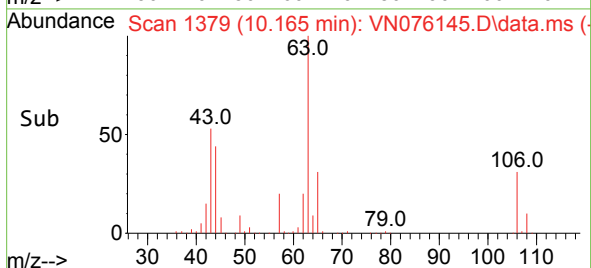
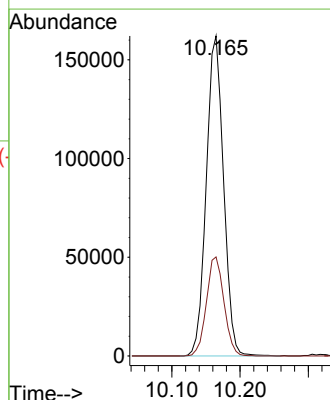
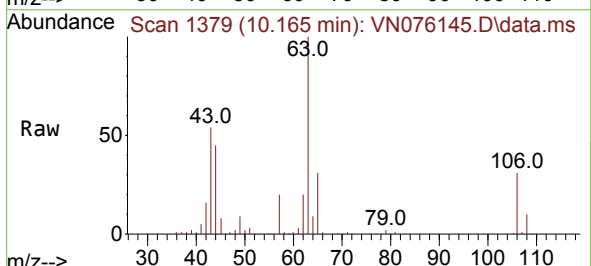
Acq: 09 Jan 2023 10:32

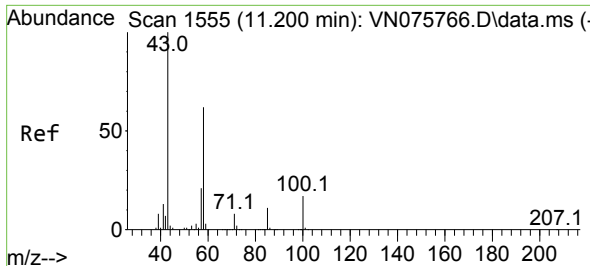
Tgt Ion: 63 Resp: 285816

Ion Ratio Lower Upper

63 100

106 31.4 26.4 39.6

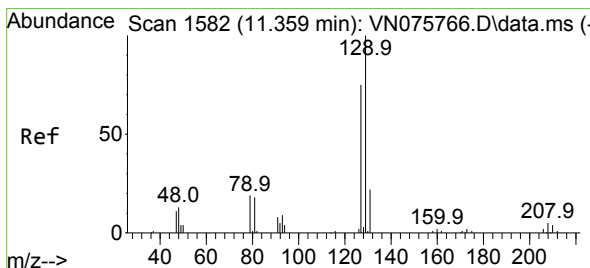
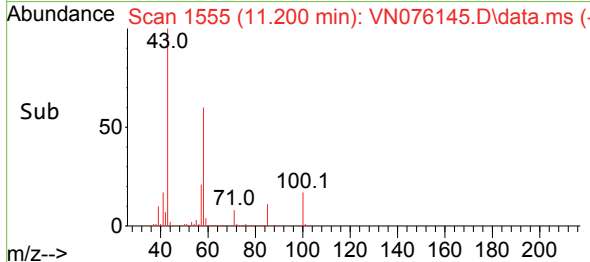
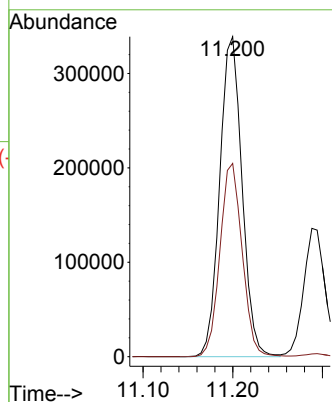
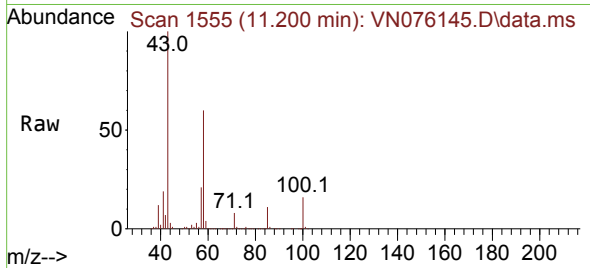




#59
2-Hexanone
Concen: 278.535 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

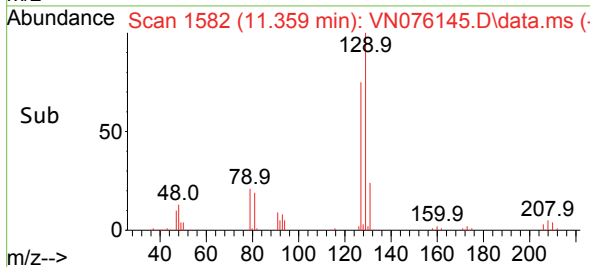
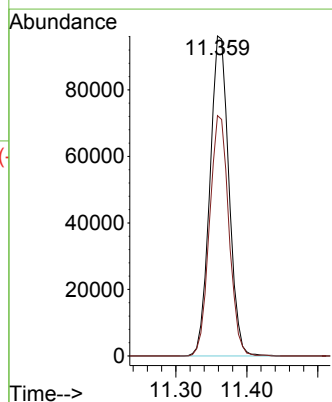
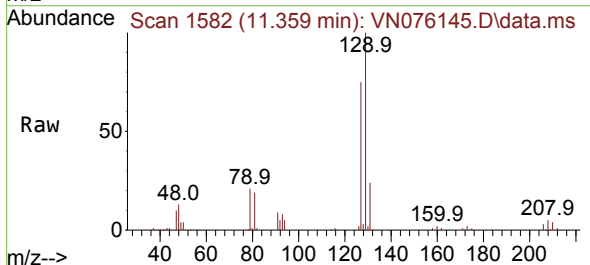
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

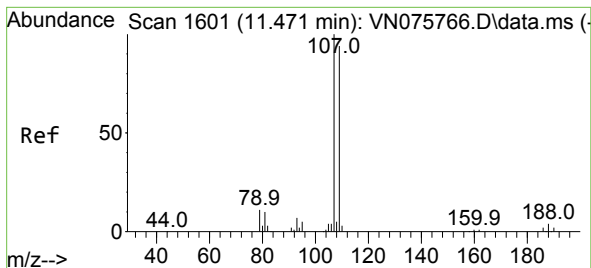
Tgt Ion: 43 Resp: 585401
Ion Ratio Lower Upper
43 100
58 60.2 30.6 92.0



#60
Dibromochloromethane
Concen: 56.606 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 129 Resp: 178566
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9

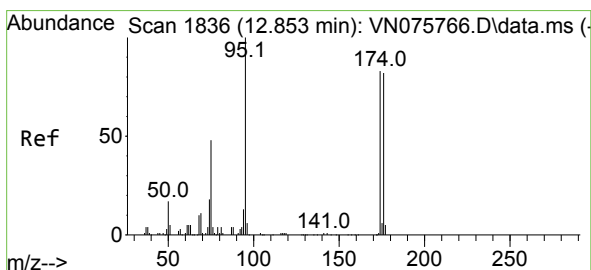
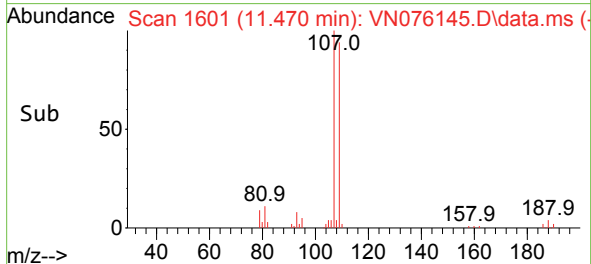
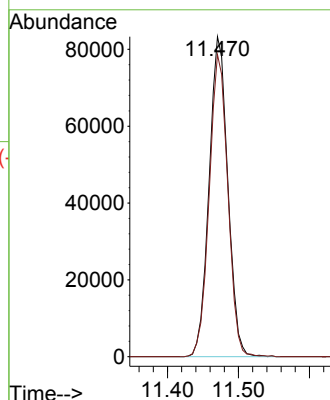
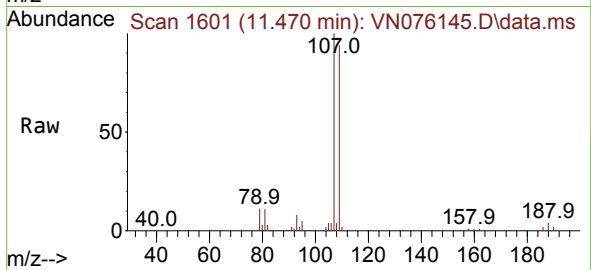




#61
1,2-Dibromoethane
Concen: 53.145 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

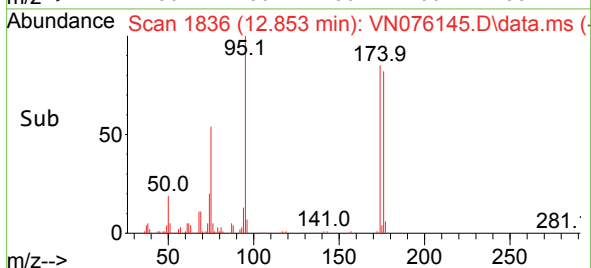
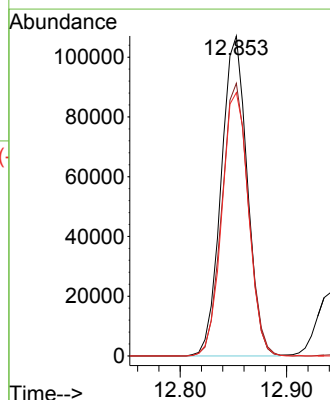
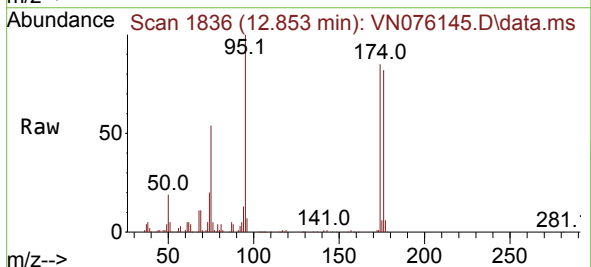
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

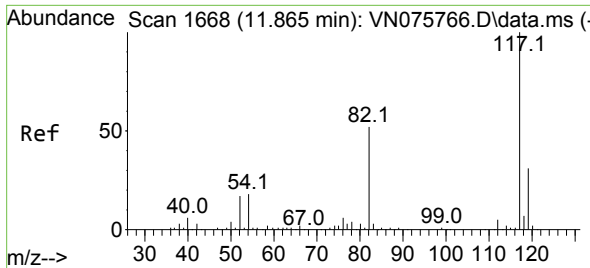
Tgt Ion:107 Resp: 152557
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 54.254 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 95 Resp: 181900
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 83.9 0.0 169.2

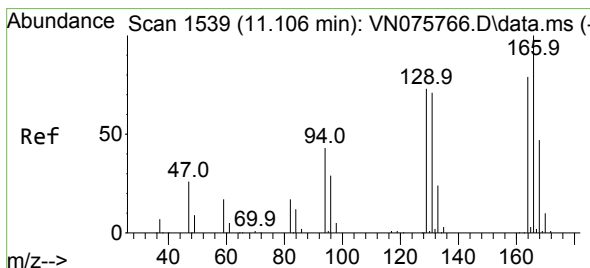
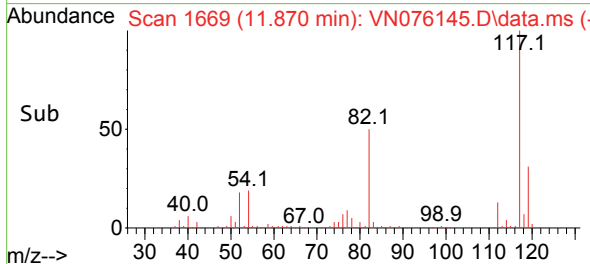
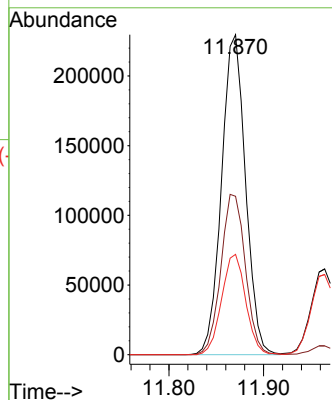
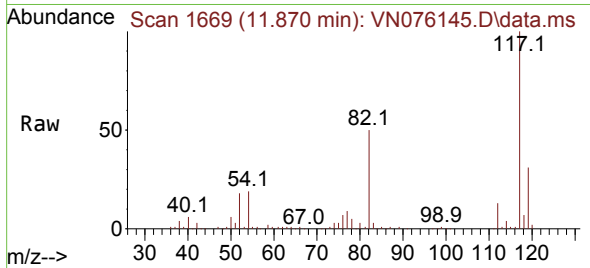




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

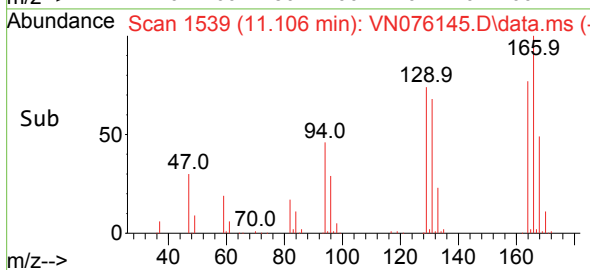
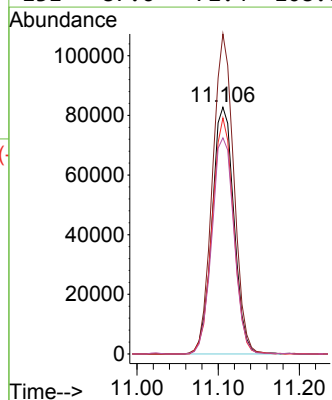
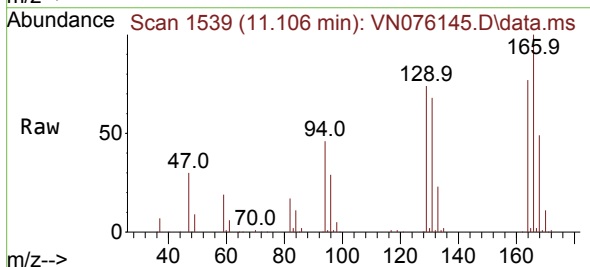
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

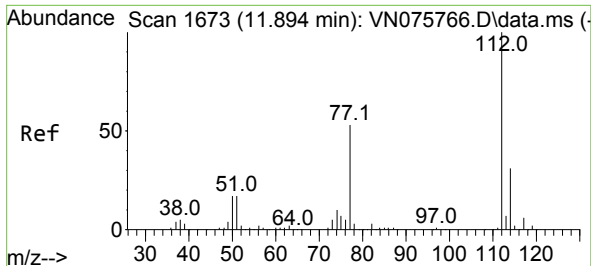
Tgt Ion:117 Resp: 404555
Ion Ratio Lower Upper
117 100
82 49.5 41.3 61.9
119 31.4 24.6 37.0



#64
Tetrachloroethene
Concen: 54.395 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:164 Resp: 154850
Ion Ratio Lower Upper
164 100
166 129.7 101.9 152.9
129 95.7 74.2 111.2
131 87.6 72.4 108.6

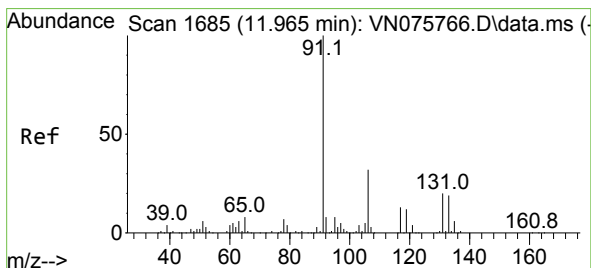
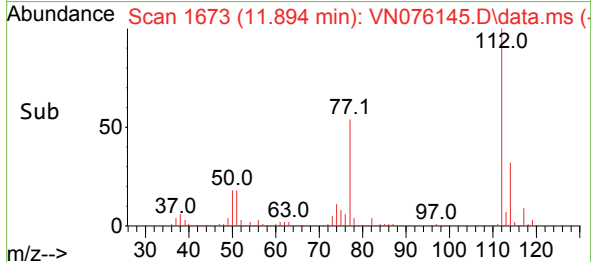
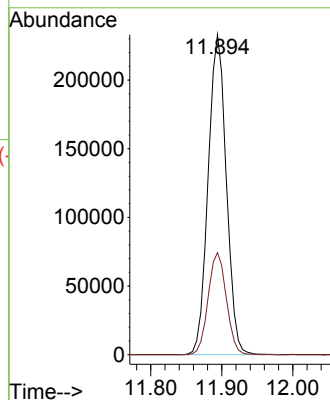
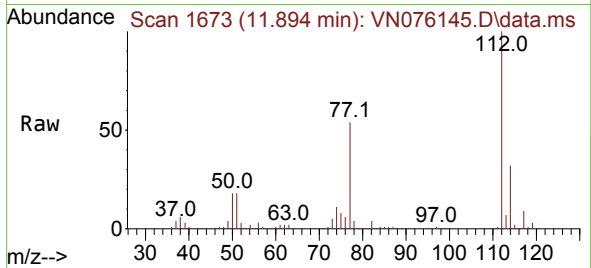




#65
Chlorobenzene
Concen: 49.866 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

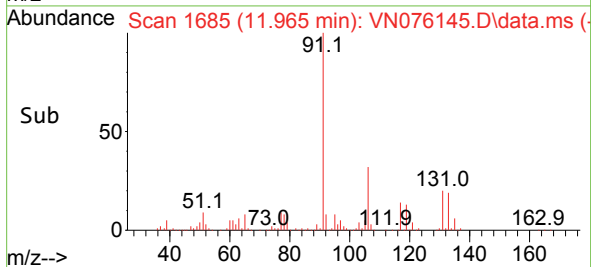
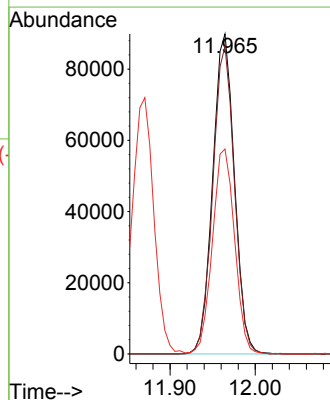
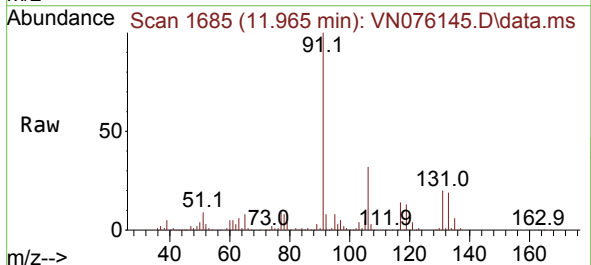
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

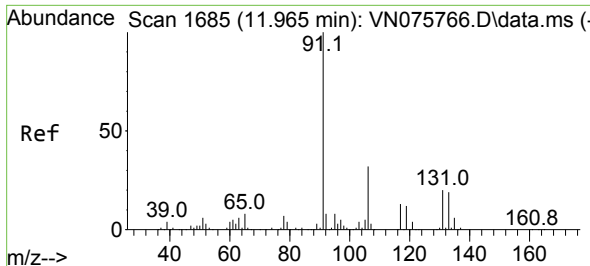
Tgt Ion:112 Resp: 414055
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.794 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:131 Resp: 159294
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.5 31.9 95.7





#67

Ethyl Benzene

Concen: 53.166 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

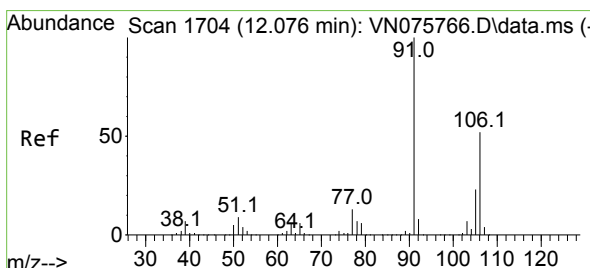
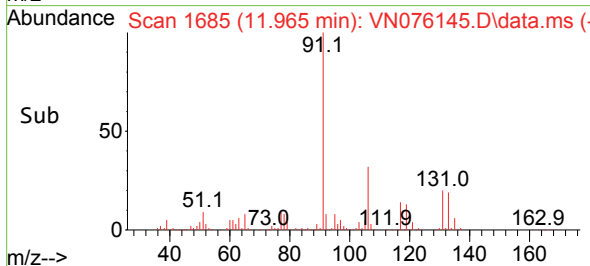
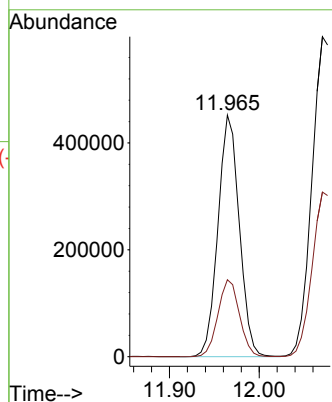
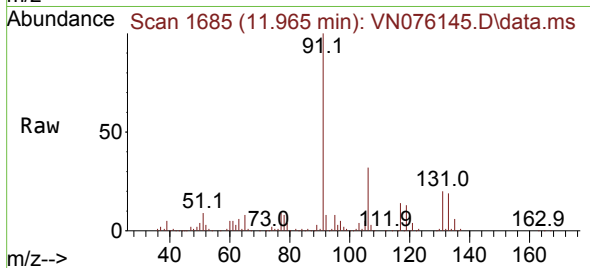
VSTDCCC050

Tgt Ion: 91 Resp: 745076

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



#68

m/p-Xylenes

Concen: 108.007 ug/l

RT: 12.070 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN076145.D

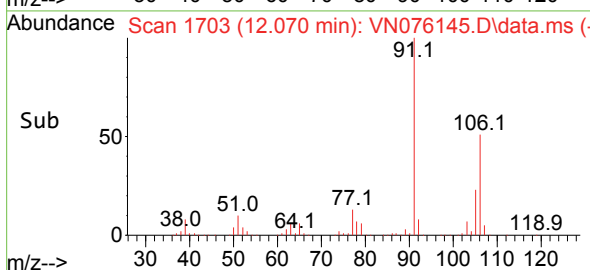
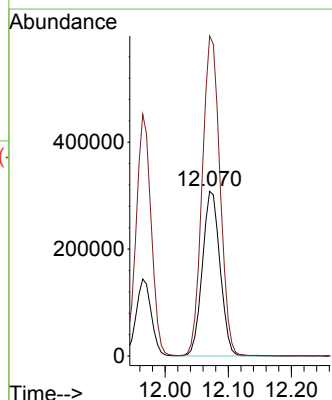
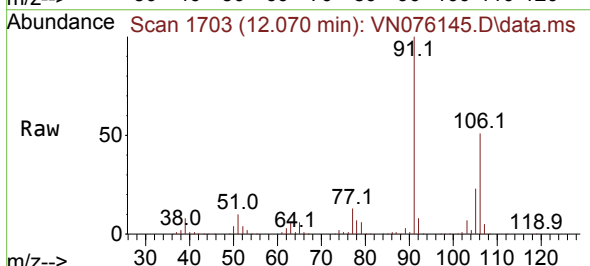
Acq: 09 Jan 2023 10:32

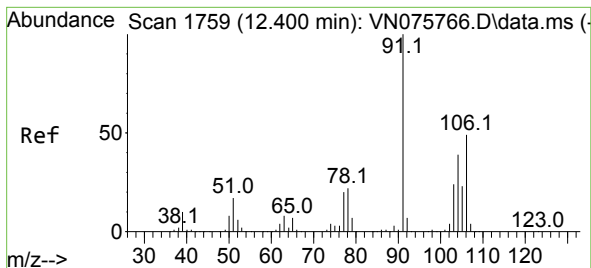
Tgt Ion:106 Resp: 599085

Ion Ratio Lower Upper

106 100

91 195.2 156.6 235.0





#69

o-Xylene

Concen: 53.453 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

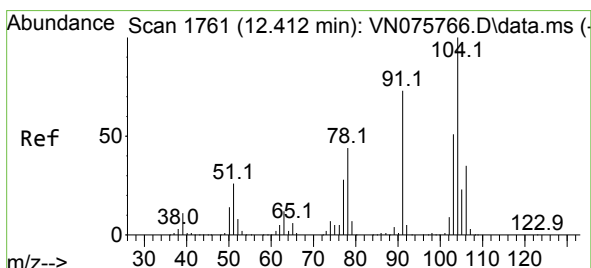
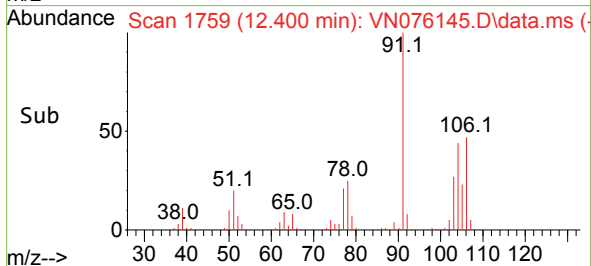
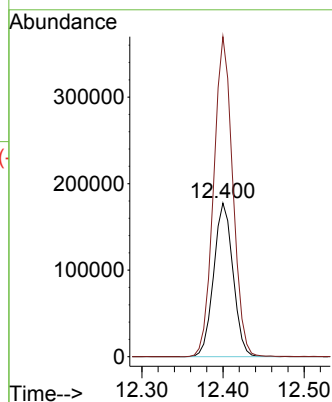
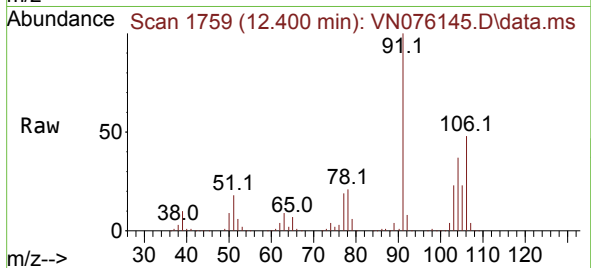
VSTDCCC050

Tgt Ion:106 Resp: 293411

Ion Ratio Lower Upper

106 100

91 206.6 103.8 311.6



#70

Styrene

Concen: 55.567 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

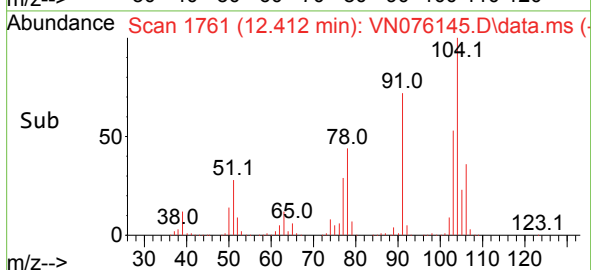
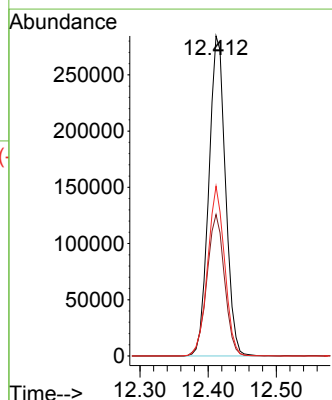
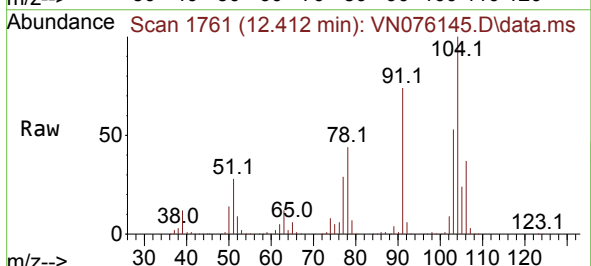
Tgt Ion:104 Resp: 484967

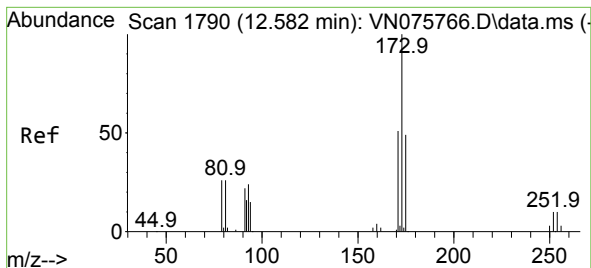
Ion Ratio Lower Upper

104 100

78 46.6 37.5 56.3

103 54.0 43.5 65.3





#71

Bromoform

Concen: 60.194 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

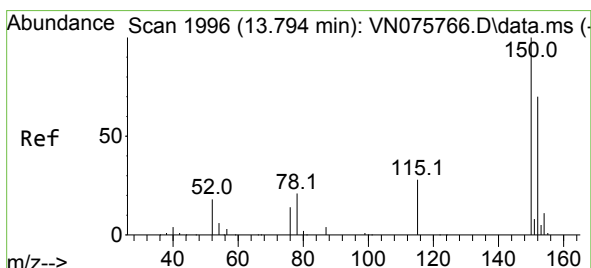
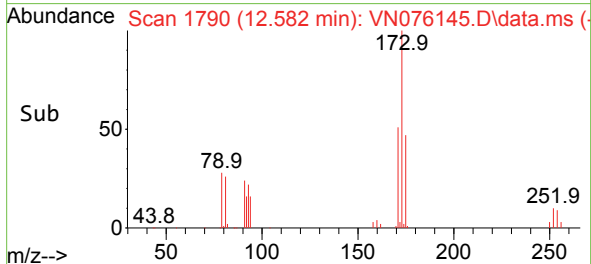
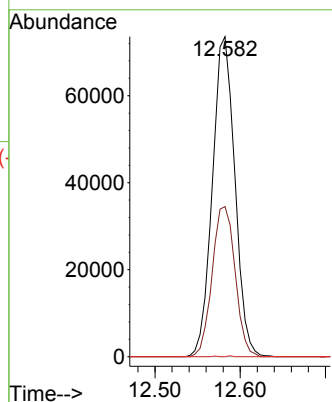
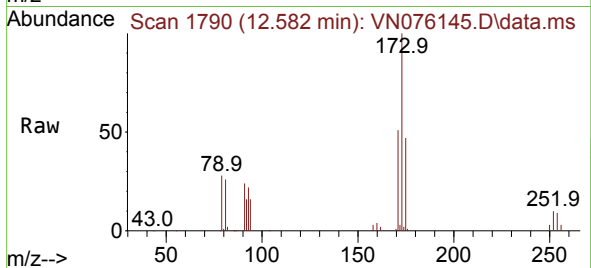
Tgt Ion:173 Resp: 134711

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

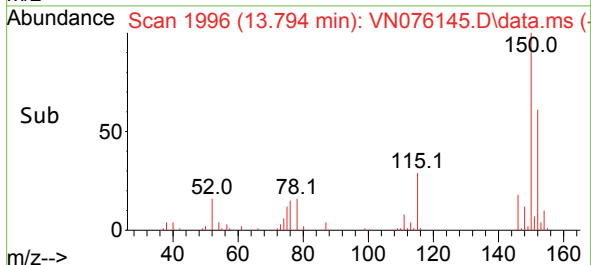
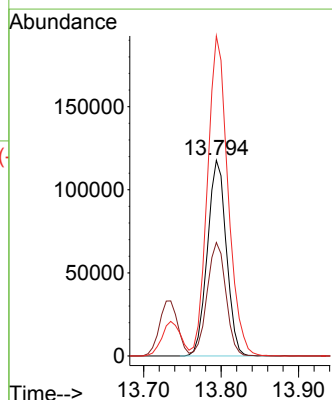
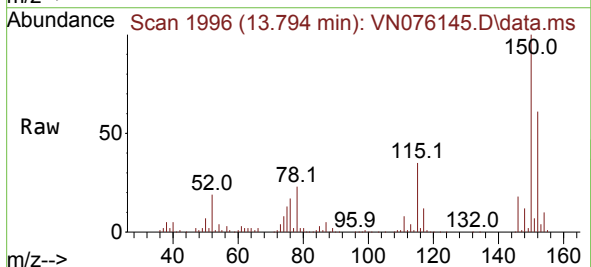
Tgt Ion:152 Resp: 199655

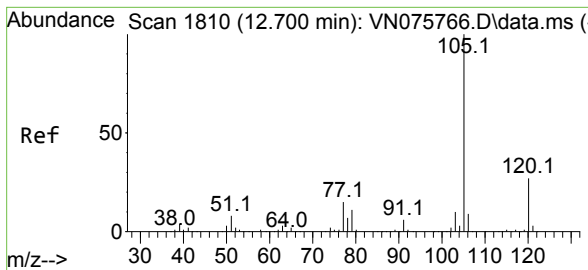
Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.4

150 176.7 0.0 347.0





#73

Isopropylbenzene

Concen: 53.066 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

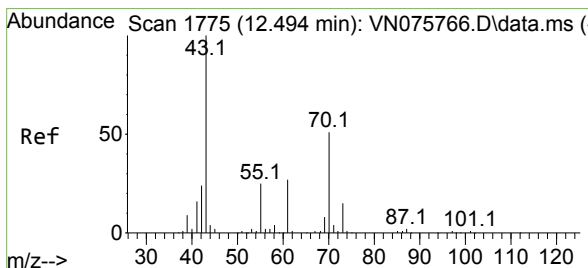
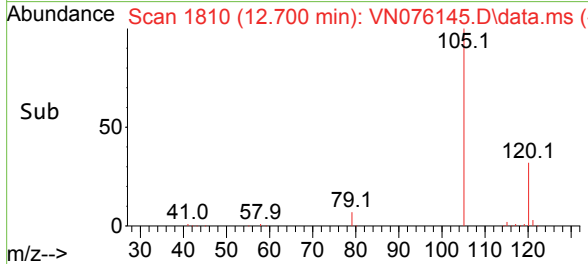
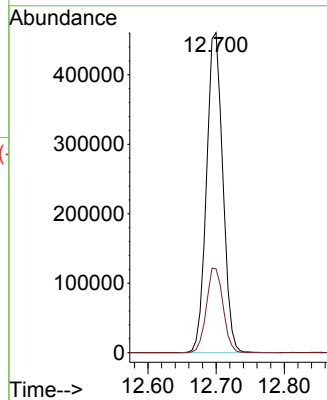
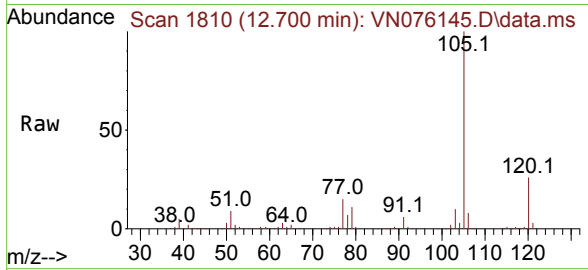
VSTDCCC050

Tgt Ion:105 Resp: 765633

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 53.511 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Tgt Ion: 43 Resp: 226496

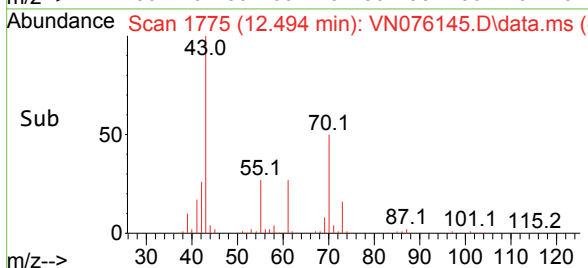
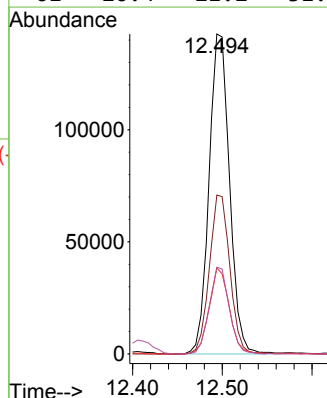
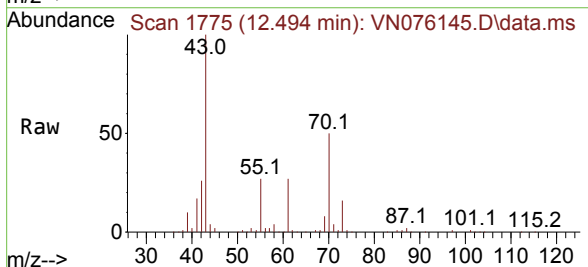
Ion Ratio Lower Upper

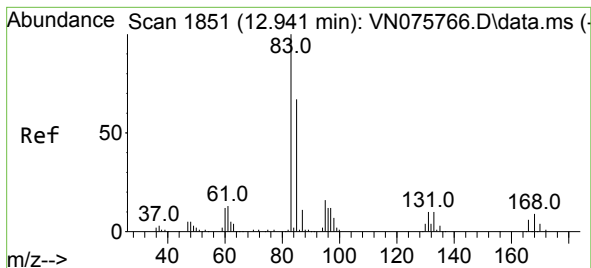
43 100

70 49.6 41.4 62.0

55 26.4 21.3 31.9

61 26.4 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.351 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

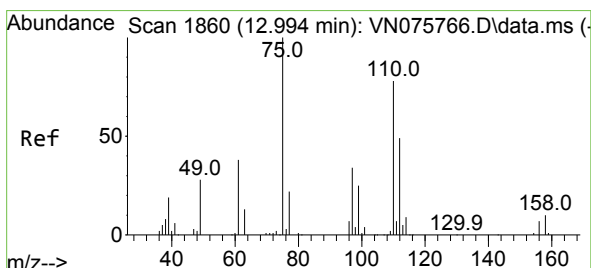
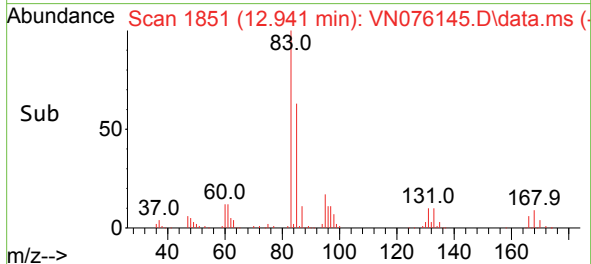
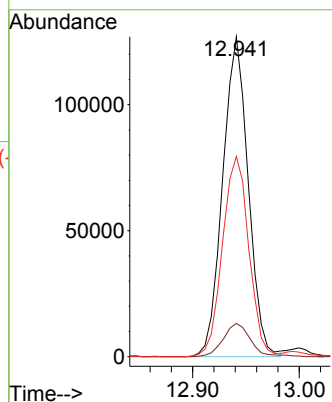
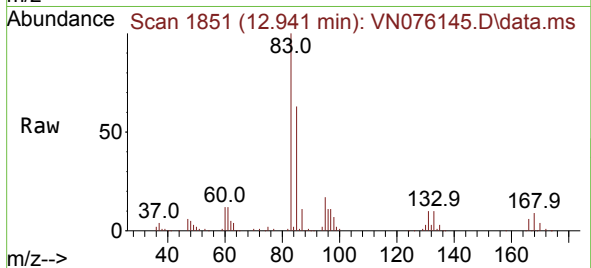
Tgt Ion: 83 Resp: 211198

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 65.237 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076145.D

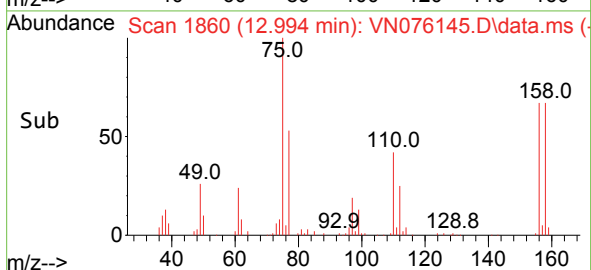
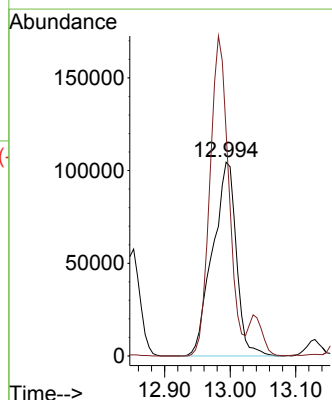
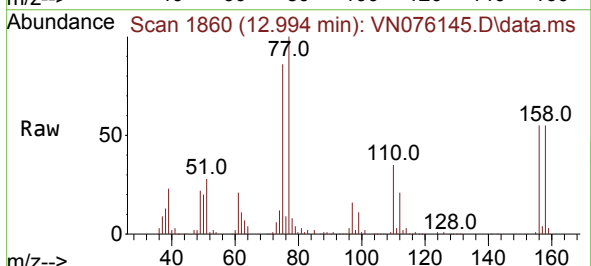
Acq: 09 Jan 2023 10:32

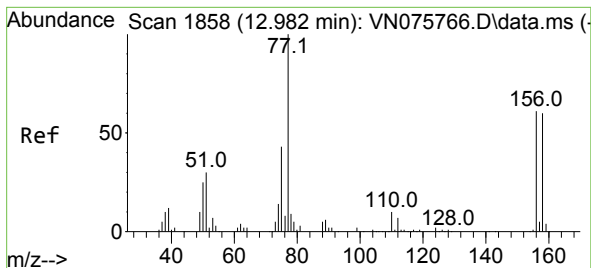
Tgt Ion: 75 Resp: 262552

Ion Ratio Lower Upper

75 100

77 131.2 82.6 247.8





#77

Bromobenzene

Concen: 50.324 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

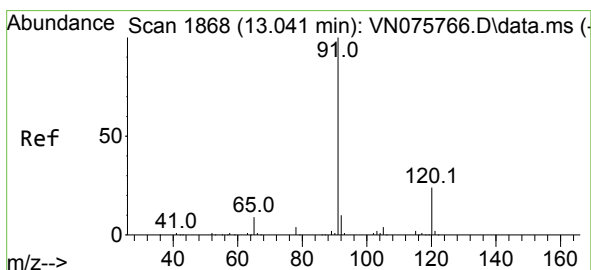
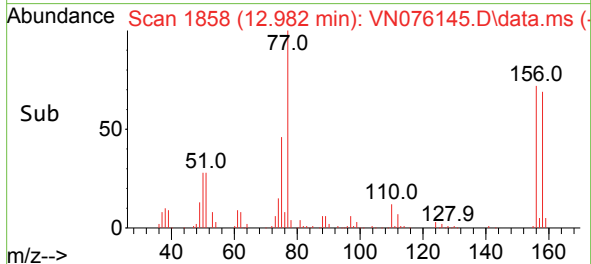
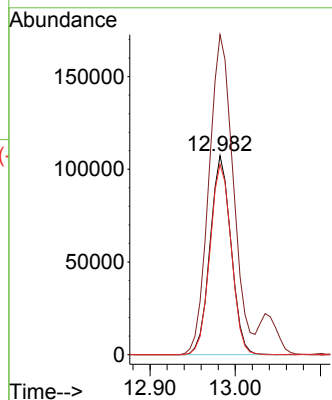
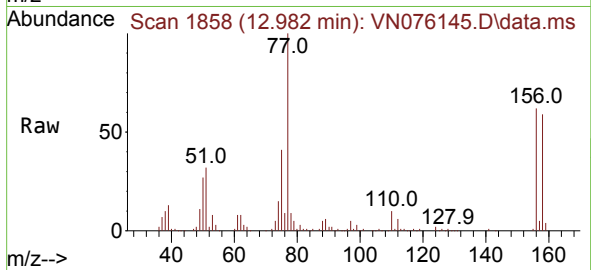
Tgt Ion:156 Resp: 183751

Ion Ratio Lower Upper

156 100

77 187.4 93.8 281.3

158 97.0 48.9 146.6



#78

n-propylbenzene

Concen: 55.602 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN076145.D

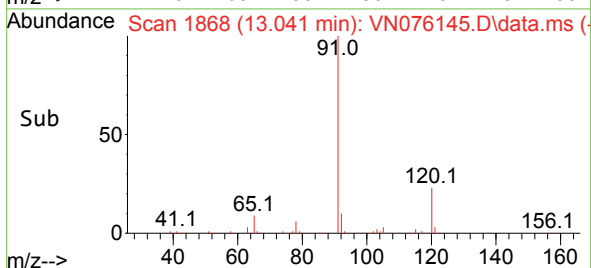
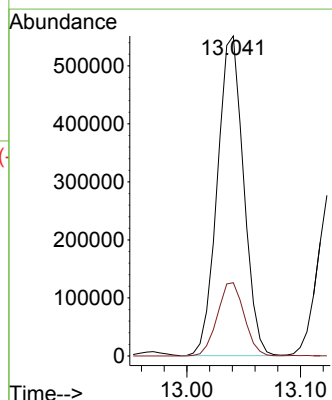
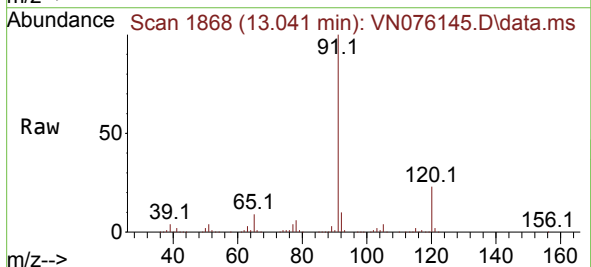
Acq: 09 Jan 2023 10:32

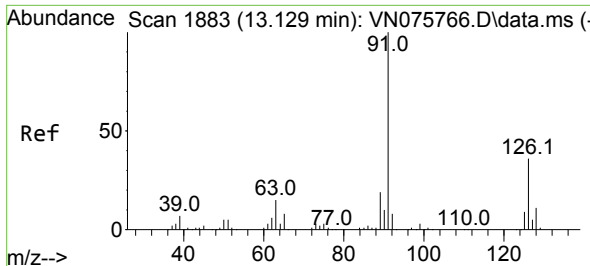
Tgt Ion: 91 Resp: 884802

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1

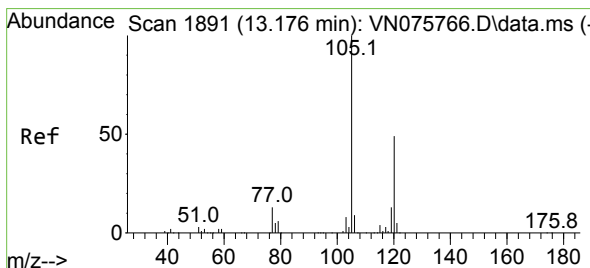
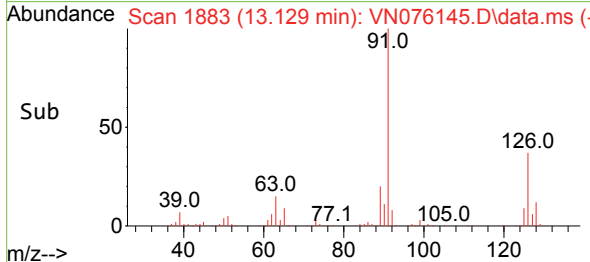
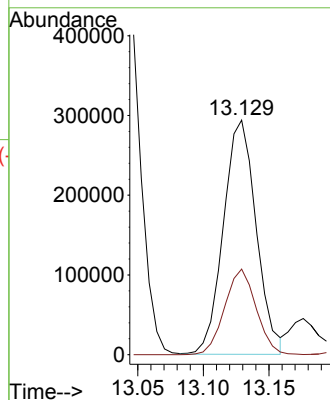
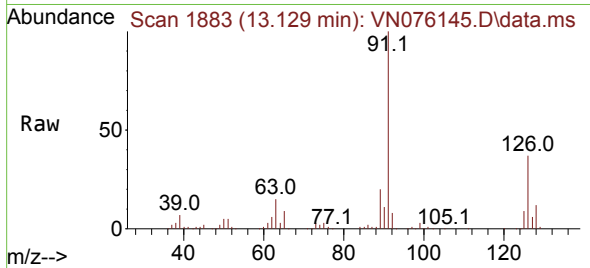




#79
2-Chlorotoluene
Concen: 51.444 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

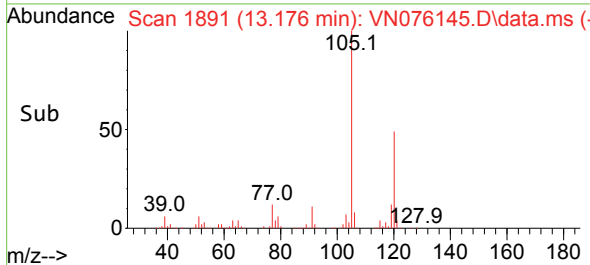
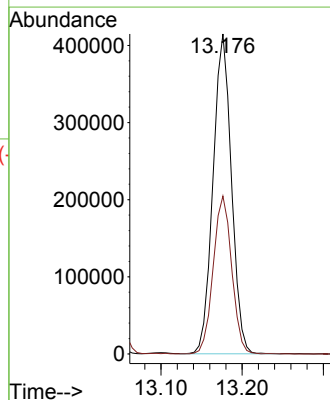
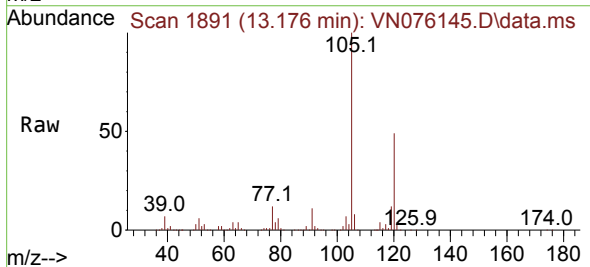
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

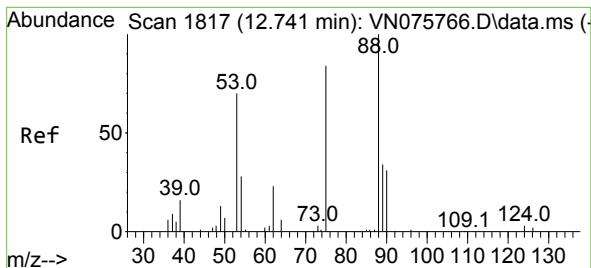
Tgt Ion: 91 Resp: 511025
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 54.066 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion:105 Resp: 652873
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1

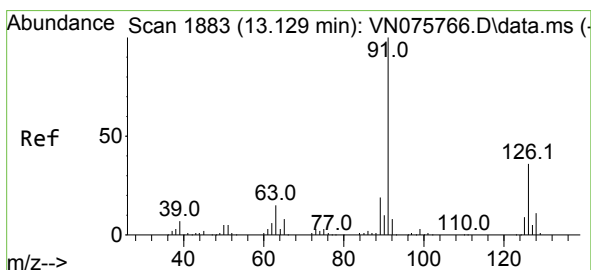
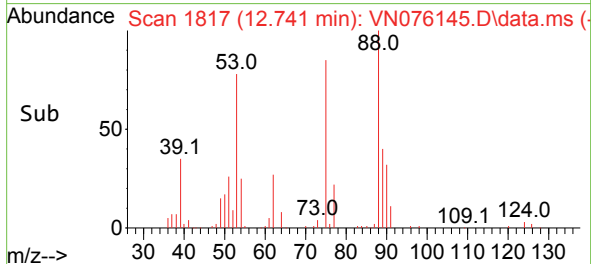
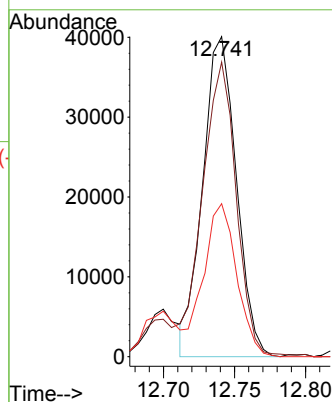
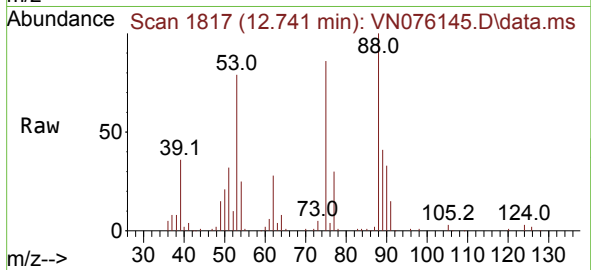




#81
trans-1,4-Dichloro-2-butene
Concen: 59.038 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

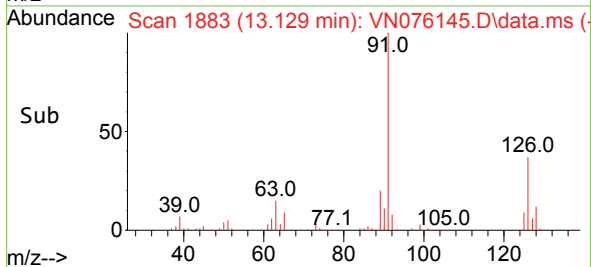
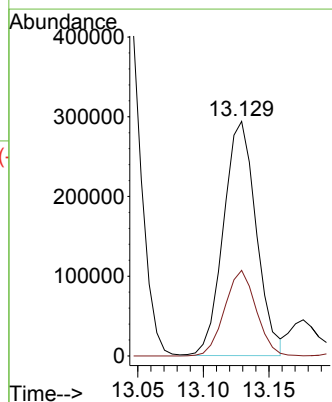
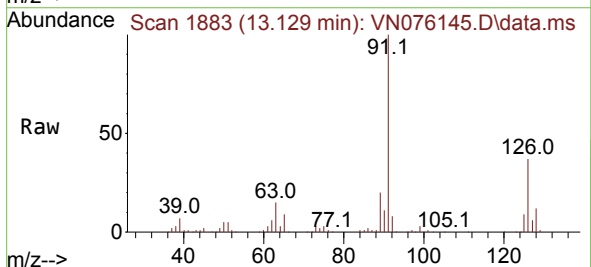
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

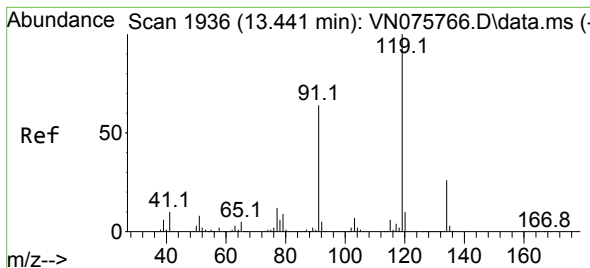
Tgt Ion: 75 Resp: 66010
Ion Ratio Lower Upper
75 100
53 94.0 73.8 110.6
89 47.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 51.444 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 91 Resp: 511025
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





#83

tert-Butylbenzene

Concen: 55.507 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

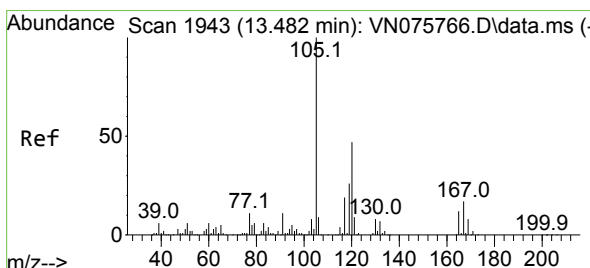
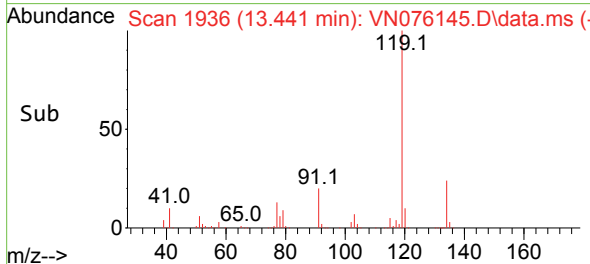
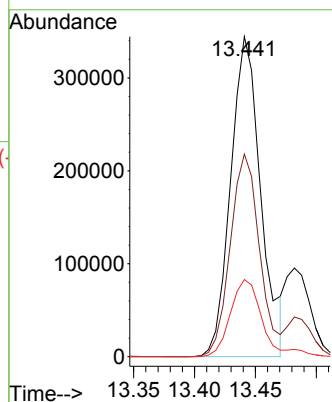
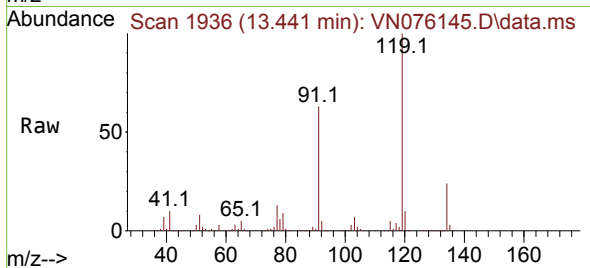
Tgt Ion:119 Resp: 590965

Ion Ratio Lower Upper

119 100

91 61.9 31.9 95.5

134 25.8 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 54.486 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076145.D

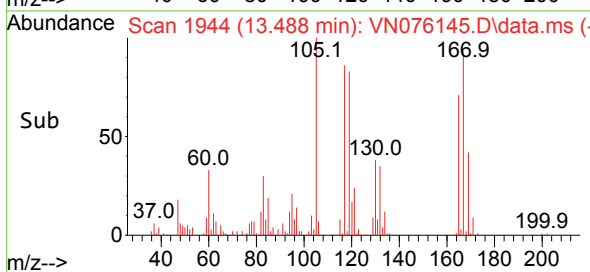
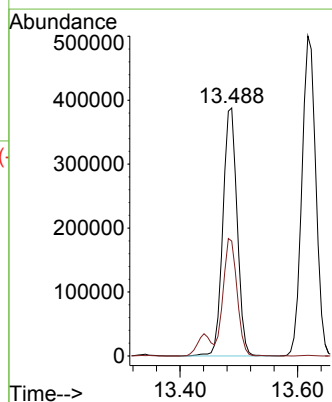
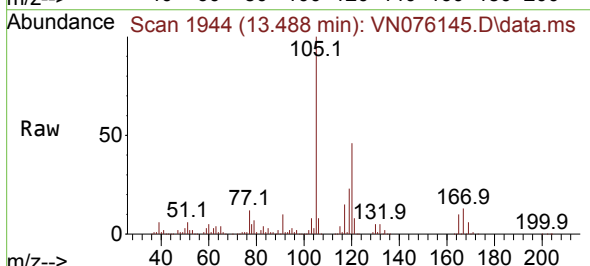
Acq: 09 Jan 2023 10:32

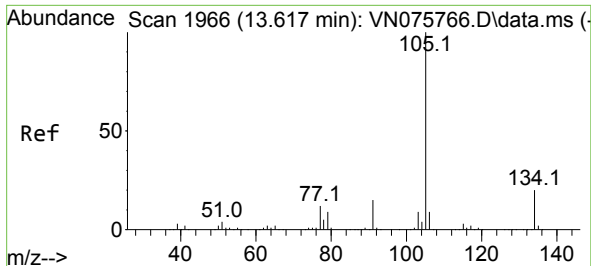
Tgt Ion:105 Resp: 652705

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8

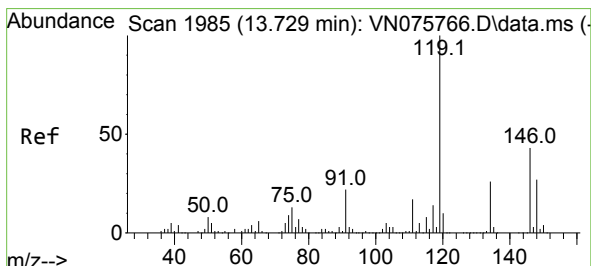
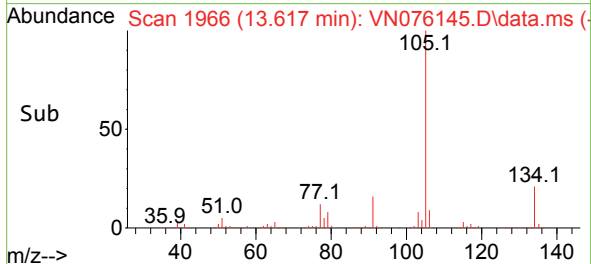
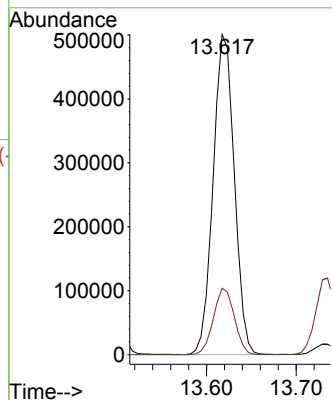
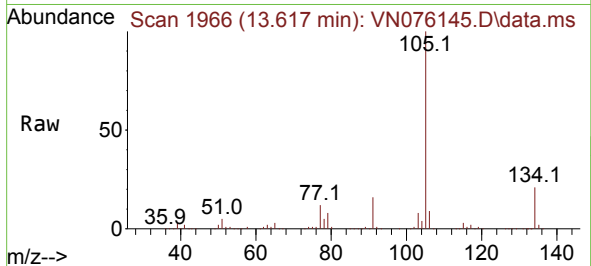




#85
 sec-Butylbenzene
 Concen: 55.910 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076145.D
 Acq: 09 Jan 2023 10:32

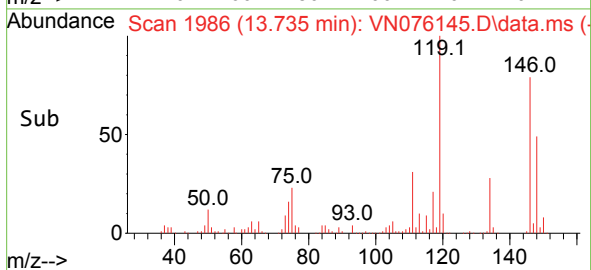
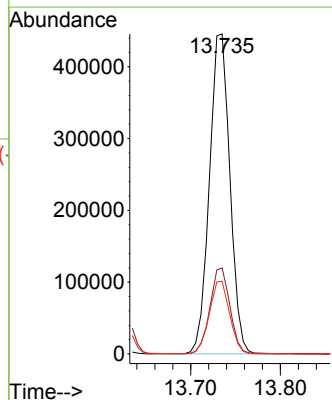
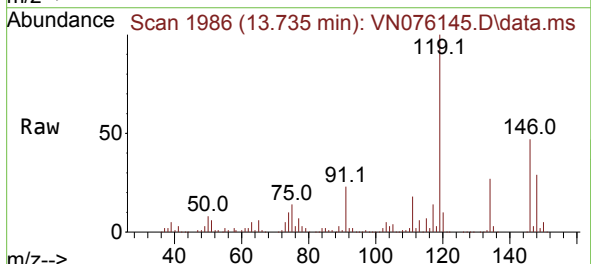
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

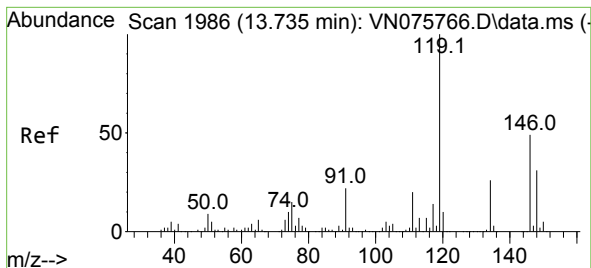
Tgt Ion:105 Resp: 821593
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 57.786 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076145.D
 Acq: 09 Jan 2023 10:32

Tgt Ion:119 Resp: 706574
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 51.336 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

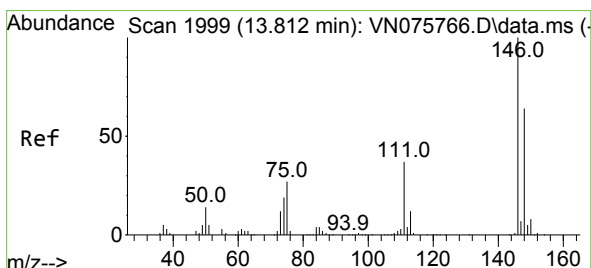
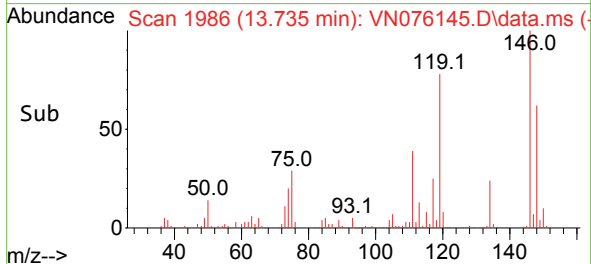
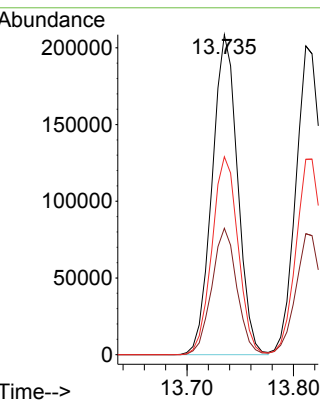
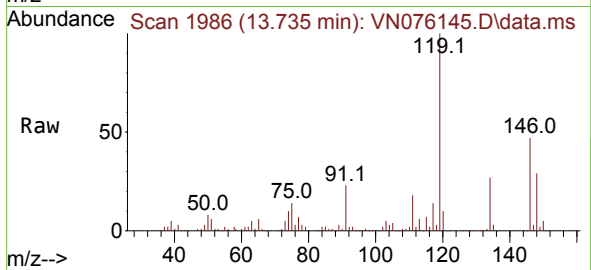
Tgt Ion:146 Resp: 346248

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.4 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 49.579 ug/l

RT: 13.811 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

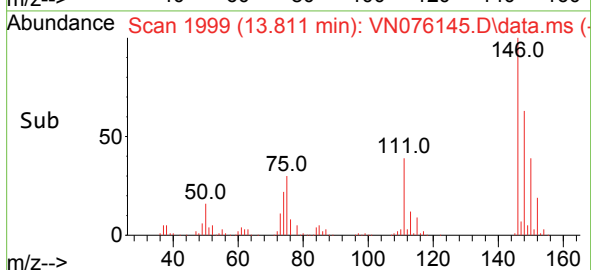
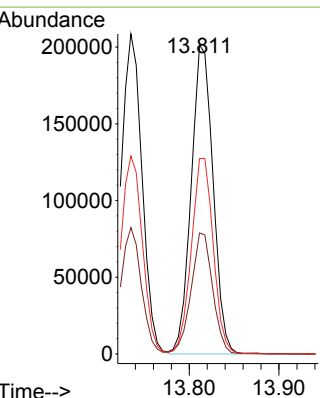
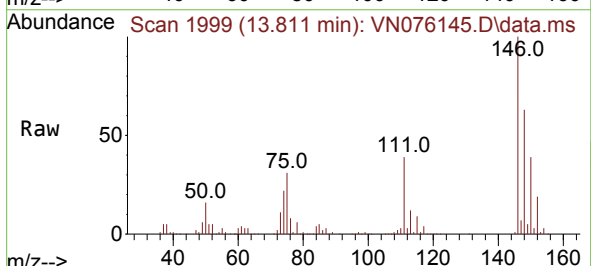
Tgt Ion:146 Resp: 341614

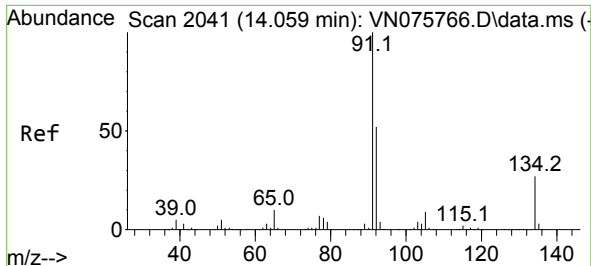
Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.1

148 63.6 32.0 96.2

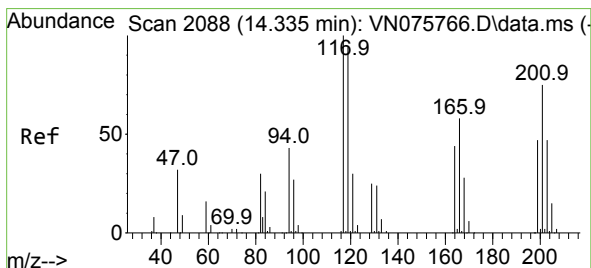
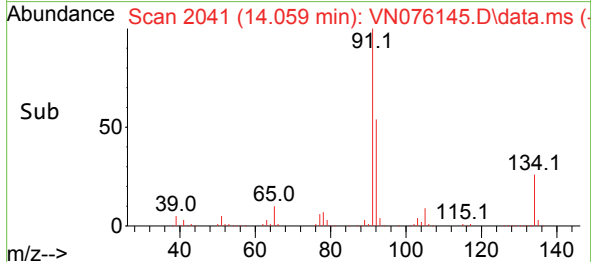
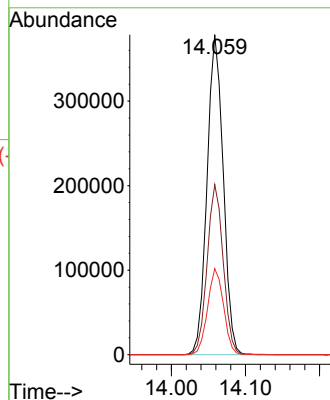
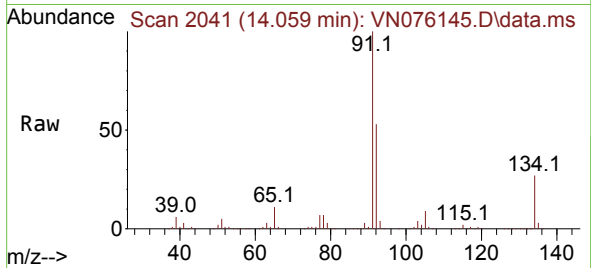




#89
n-Butylbenzene
Concen: 57.974 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

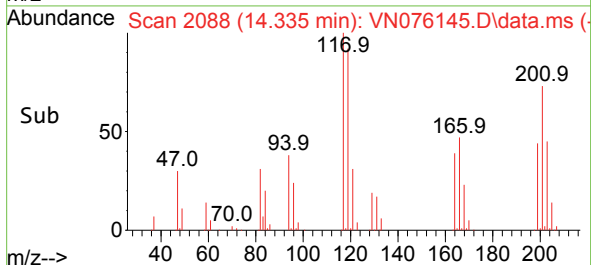
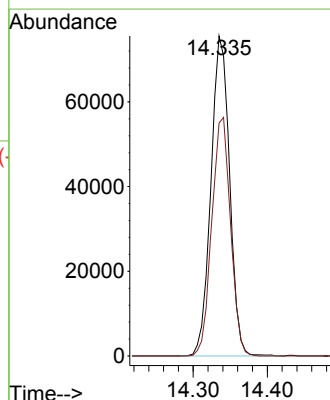
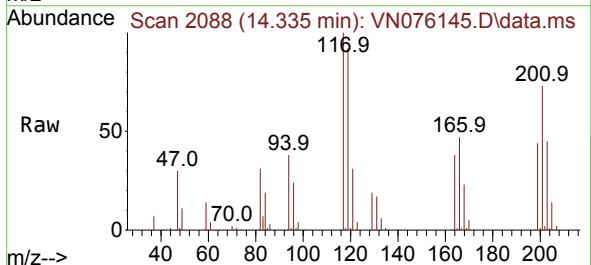
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

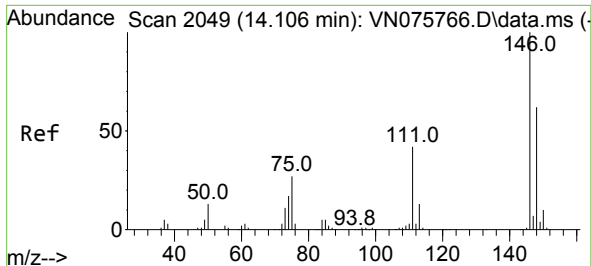
Tgt Ion: 91 Resp: 574284
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 26.6 13.4 40.2



#90
Hexachloroethane
Concen: 60.377 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 117 Resp: 132058
Ion Ratio Lower Upper
117 100
201 75.0 38.0 114.1

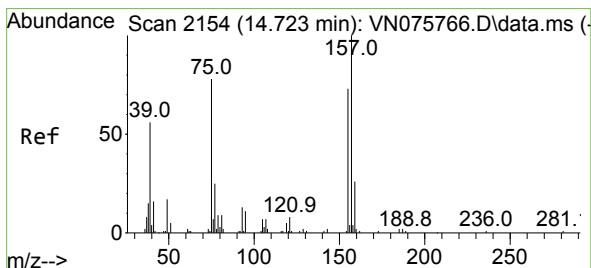
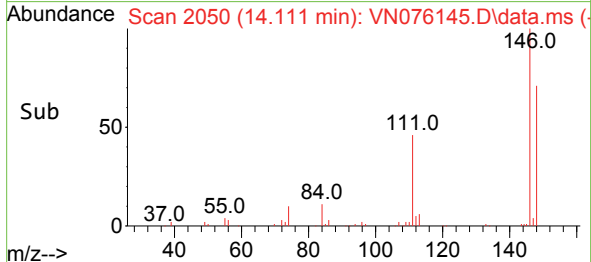
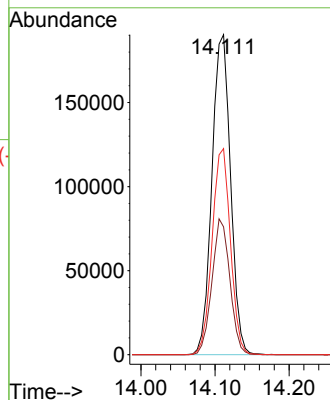
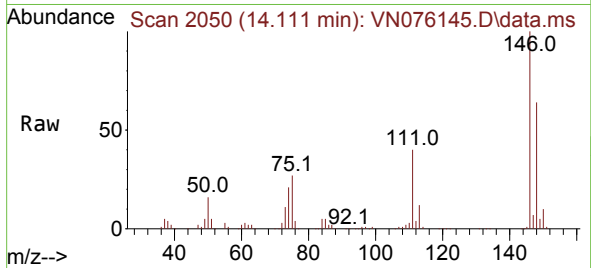




#91
1,2-Dichlorobenzene
Concen: 49.953 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

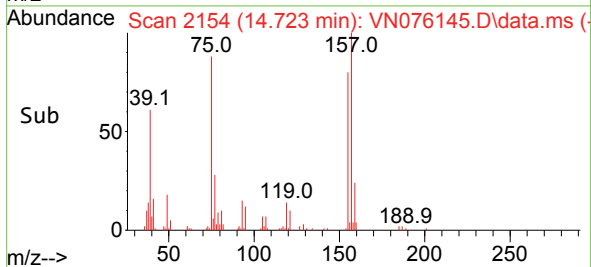
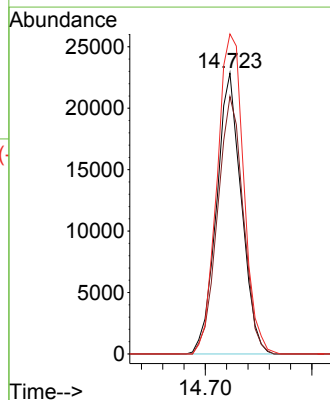
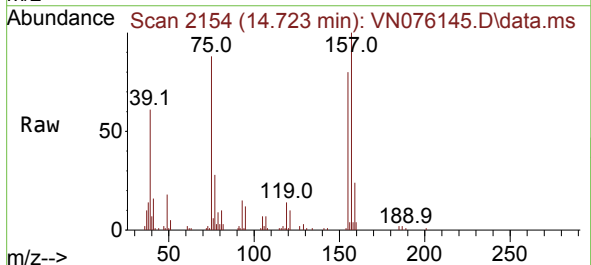
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

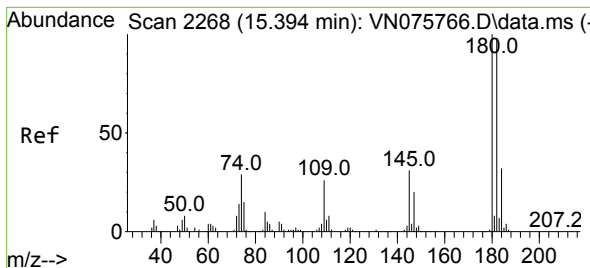
Tgt Ion:146 Resp: 331867
Ion Ratio Lower Upper
146 100
111 40.9 20.3 61.0
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.828 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076145.D
Acq: 09 Jan 2023 10:32

Tgt Ion: 75 Resp: 37061
Ion Ratio Lower Upper
75 100
155 94.5 49.3 147.8
157 121.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 51.961 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

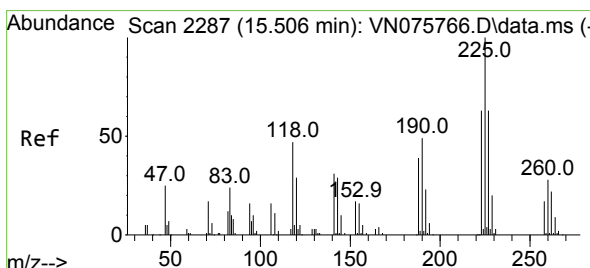
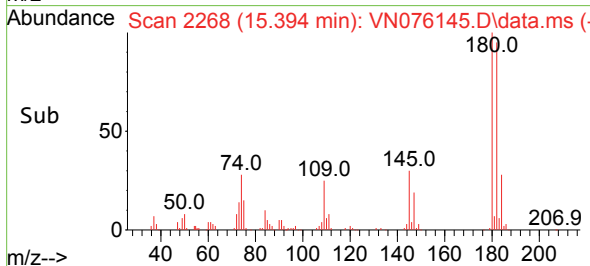
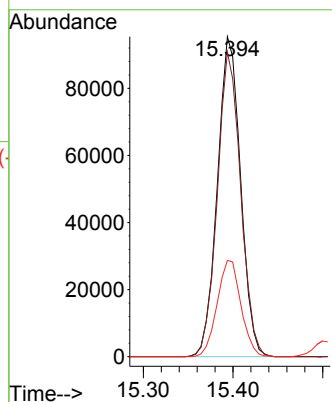
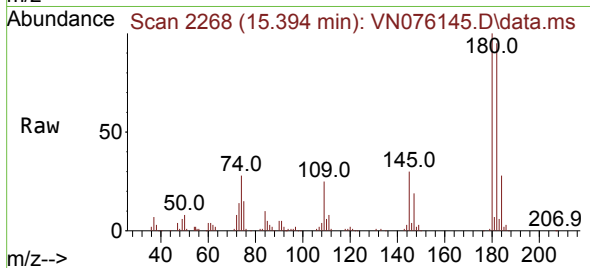
Tgt Ion:180 Resp: 170905

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 30.9 15.3 45.8



#94

Hexachlorobutadiene

Concen: 51.996 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

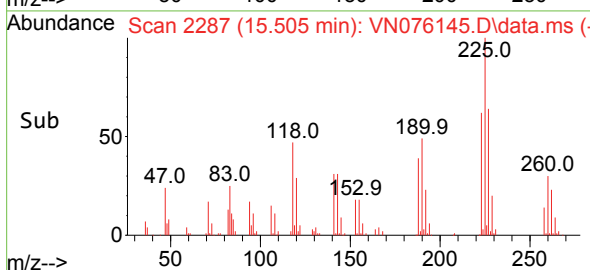
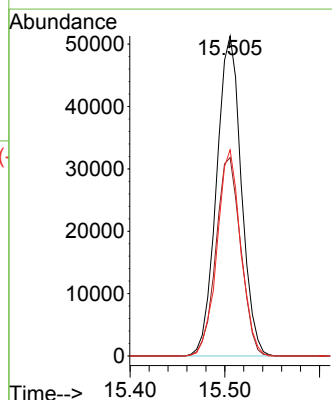
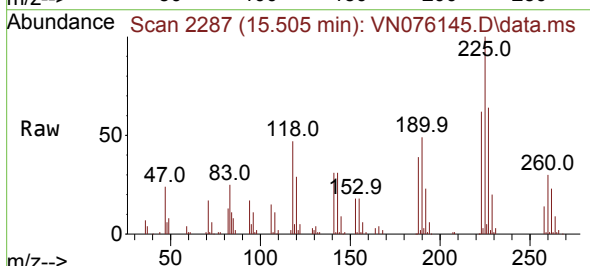
Tgt Ion:225 Resp: 93306

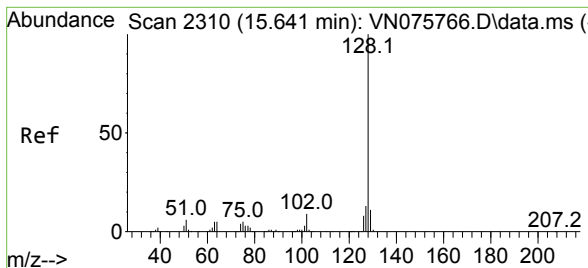
Ion Ratio Lower Upper

225 100

223 62.1 31.5 94.5

227 61.5 31.6 95.0





#95

Naphthalene

Concen: 45.205 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

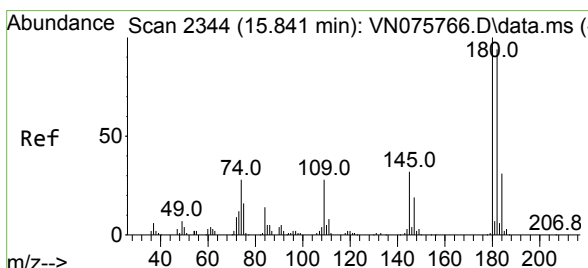
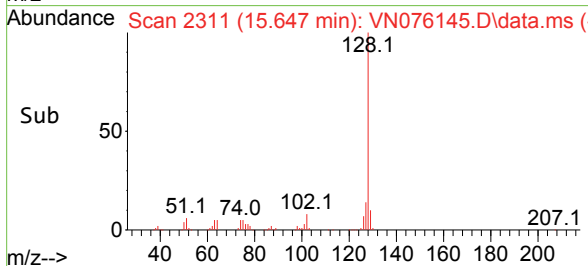
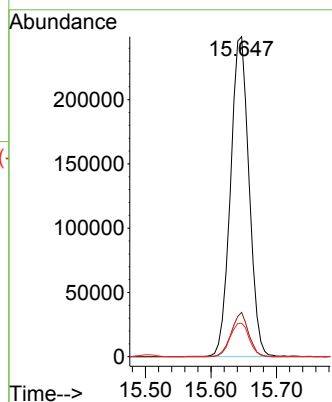
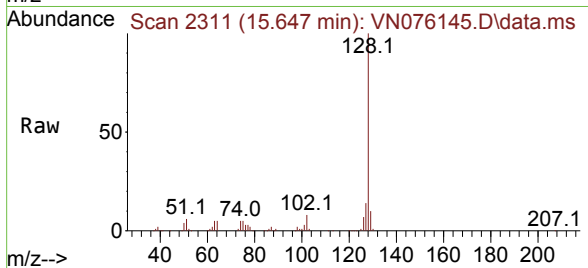
Tgt Ion:128 Resp: 488819

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.056 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076145.D

Acq: 09 Jan 2023 10:32

Tgt Ion:180 Resp: 163101

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

145 31.8 16.0 47.9

