

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077204.D
 Acq On : 27 Mar 2023 16:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 07:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	456185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	790807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	726992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	334235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	340832	47.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.560%
35) Dibromofluoromethane	8.172	113	256587	47.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	10.571	98	996053	49.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.854	95	332899	50.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	195448	41.072	ug/l	97
3) Chloromethane	2.372	50	343594	51.468	ug/l	96
4) Vinyl Chloride	2.525	62	399733	53.012	ug/l	99
5) Bromomethane	2.948	94	260040	43.204	ug/l	94
6) Chloroethane	3.125	64	317537	48.572	ug/l	96
7) Trichlorofluoromethane	3.507	101	555671	48.059	ug/l	97
8) Diethyl Ether	3.972	74	168891	44.378	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.384	101	233178	47.119	ug/l	97
10) Methyl Iodide	4.601	142	288875	51.739	ug/l	91
11) Tert butyl alcohol	5.531	59	236909	243.708	ug/l	99
12) 1,1-Dichloroethene	4.348	96	223867	47.560	ug/l #	82
13) Acrolein	4.189	56	330622	242.489	ug/l	100
14) Allyl chloride	5.031	41	409477	46.304	ug/l #	84
15) Acrylonitrile	5.731	53	739759	244.100	ug/l	99
16) Acetone	4.436	43	633605	238.908	ug/l	91
17) Carbon Disulfide	4.725	76	645861	49.036	ug/l	97
18) Methyl Acetate	5.031	43	509985	48.066	ug/l #	81
19) Methyl tert-butyl Ether	5.801	73	844752	50.487	ug/l	97
20) Methylene Chloride	5.289	84	280867	47.558	ug/l #	73
21) trans-1,2-Dichloroethene	5.789	96	250046	48.407	ug/l	82
22) Diisopropyl ether	6.678	45	958384	50.280	ug/l #	91
23) Vinyl Acetate	6.613	43	3163065	257.166	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	516059	48.427	ug/l	95
25) 2-Butanone	7.489	43	1010873	243.773	ug/l #	79
26) 2,2-Dichloropropane	7.495	77	364949	49.661	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	297706	49.963	ug/l	85
28) Bromochloromethane	7.824	49	257625	47.408	ug/l #	72
29) Tetrahydrofuran	7.842	42	687181	250.152	ug/l #	74
30) Chloroform	7.972	83	514573	49.026	ug/l	96
31) Cyclohexane	8.266	56	463168	46.744	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	442907	49.151	ug/l	95
36) 1,1-Dichloropropene	8.377	75	379389	50.800	ug/l	95
37) Ethyl Acetate	7.566	43	430738	51.744	ug/l #	89
38) Carbon Tetrachloride	8.366	117	376726	49.751	ug/l	96
39) Methylcyclohexane	9.601	83	458613	52.578	ug/l #	85
40) Benzene	8.613	78	1139073	49.767	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	238889	52.505	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	412662	47.818	ug/l	95
43) Isopropyl Acetate	8.695	43	680845	50.697	ug/l #	85
44) Trichloroethene	9.354	130	263436	50.234	ug/l	97
45) 1,2-Dichloropropane	9.624	63	304539	50.030	ug/l	97
46) Dibromomethane	9.713	93	198943	50.005	ug/l	98
47) Bromodichloromethane	9.889	83	397430	50.228	ug/l	97
48) Methyl methacrylate	9.683	41	331068	51.191	ug/l #	76
49) 1,4-Dioxane	9.695	88	114030	1034.269	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	2126761	251.687	ug/l #	85
52) Toluene	10.630	92	710857	50.926	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	420473	52.367	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	457529	52.068	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	272983	49.819	ug/l	98
56) Ethyl methacrylate	10.877	69	436501	53.963	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	485993	49.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	796580	252.453	ug/l	90
59) 2-Hexanone	11.195	43	1541942	253.910	ug/l	83
60) Dibromochloromethane	11.360	129	295144	52.432	ug/l	96
61) 1,2-Dibromoethane	11.471	107	268830	49.366	ug/l	100
64) Tetrachloroethene	11.107	164	229896	50.978	ug/l	96
65) Chlorobenzene	11.895	112	732784	50.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	268089	50.099	ug/l	99
67) Ethyl Benzene	11.965	91	1365865	51.258	ug/l	99
68) m/p-Xylenes	12.071	106	1044393	103.047	ug/l	96
69) o-Xylene	12.401	106	514729	52.445	ug/l	93
70) Styrene	12.412	104	843449	53.203	ug/l	96
71) Bromoform	12.583	173	203119	51.245	ug/l #	99
73) Isopropylbenzene	12.701	105	1321398	50.248	ug/l	97
74) N-amyl acetate	12.495	43	576948	50.348	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	415843	47.341	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	520902	76.827	ug/l	58
77) Bromobenzene	12.983	156	295762	48.853	ug/l	91
78) n-propylbenzene	13.036	91	1548370	51.054	ug/l	97
79) 2-Chlorotoluene	13.130	91	917526	49.198	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	1121908	51.230	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	117425	49.915	ug/l #	70
82) 4-Chlorotoluene	13.224	91	889005	50.221	ug/l	95
83) tert-Butylbenzene	13.442	119	940661	50.786	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	1143820	53.149	ug/l	96
85) sec-Butylbenzene	13.618	105	1375408	52.064	ug/l	98
86) p-Isopropyltoluene	13.730	119	1136699	53.725	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	561893	51.422	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	546654	50.019	ug/l	99
89) n-Butylbenzene	14.059	91	972892	56.088	ug/l	97
90) Hexachloroethane	14.336	117	205673	52.164	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	551771	50.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	78170	50.292	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	269444	50.702	ug/l	99
94) Hexachlorobutadiene	15.500	225	145300	52.556	ug/l	99
95) Naphthalene	15.642	128	863201	48.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	261266	49.983	ug/l	99

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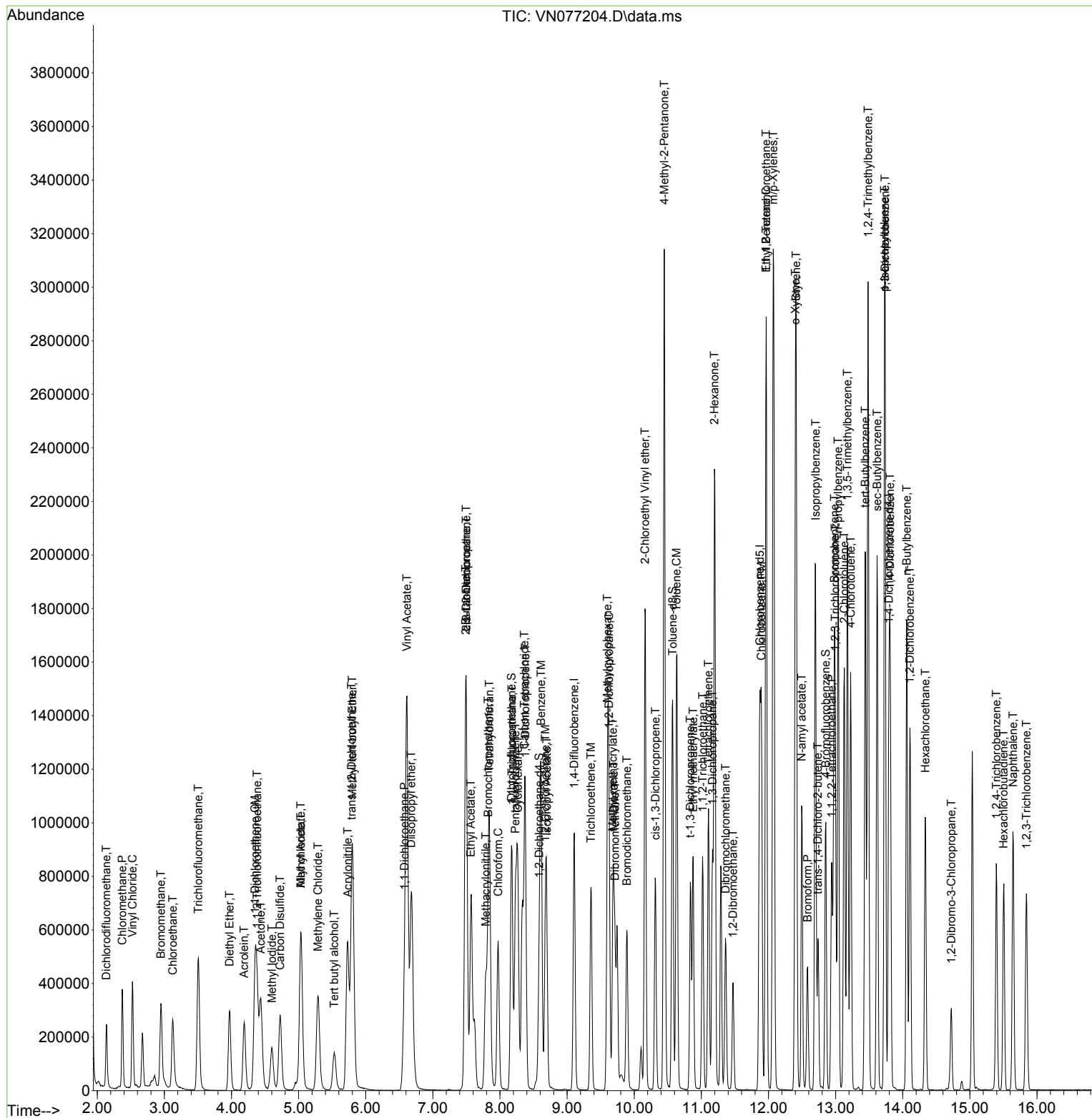
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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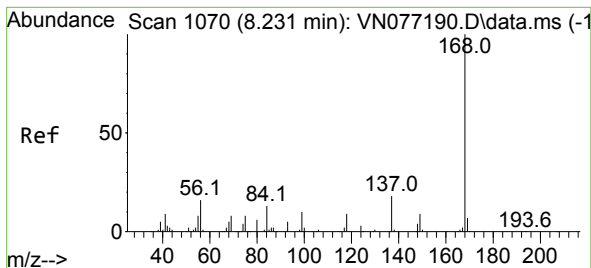
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.001 min

Lab File: VN077204.D

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Instrument :

MSVOA_N

ClientSampleId :

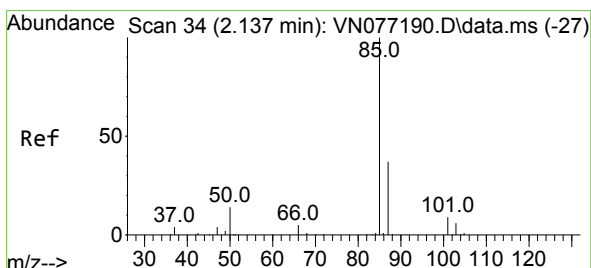
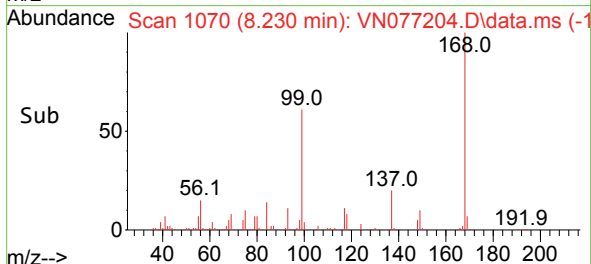
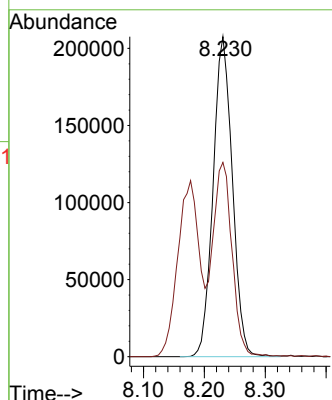
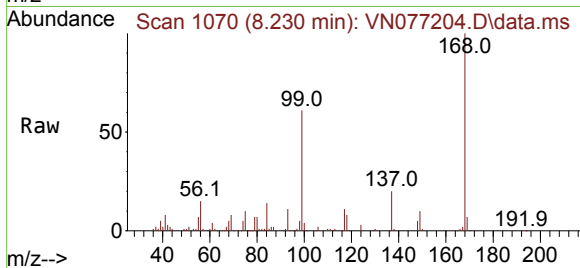
VSTDCCC050

Tgt Ion:168 Resp: 456185

Ion Ratio Lower Upper

168 100

99 60.5 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 41.072 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077204.D

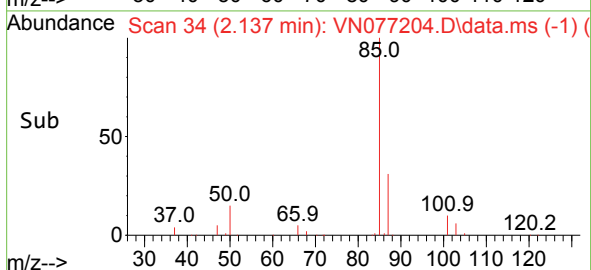
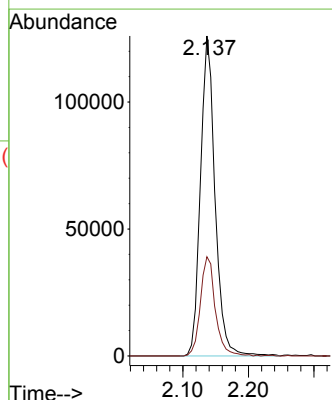
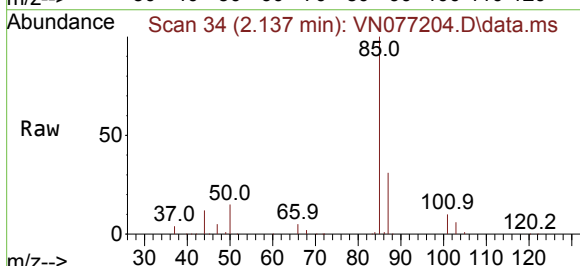
Acq: 27 Mar 2023 16:10

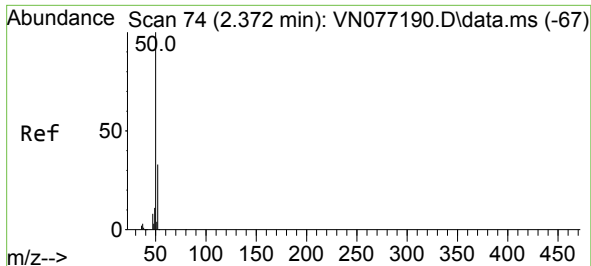
Tgt Ion: 85 Resp: 195448

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.6

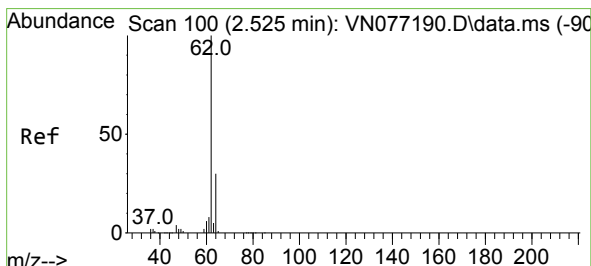
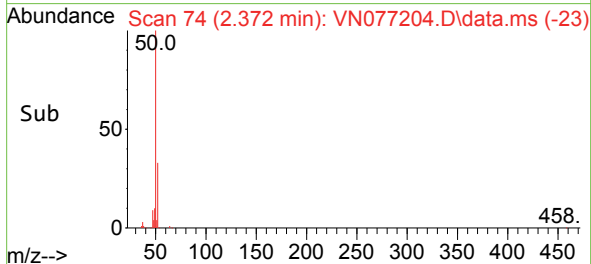
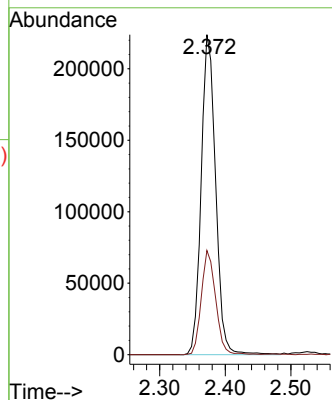
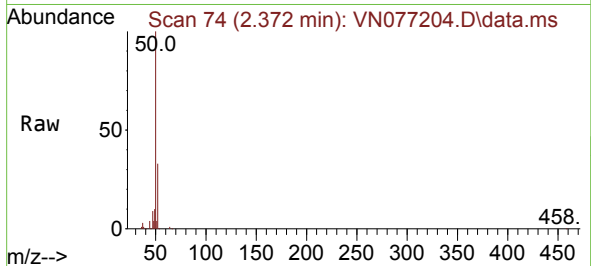




#3
Chloromethane
Concen: 51.468 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077204.D
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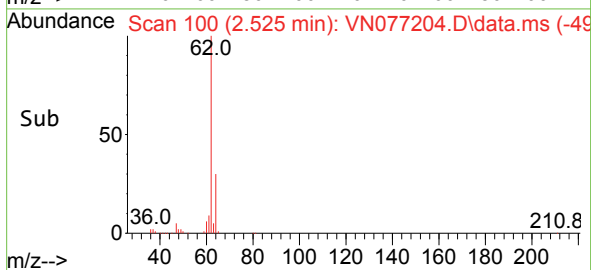
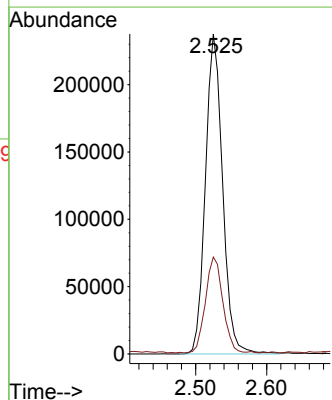
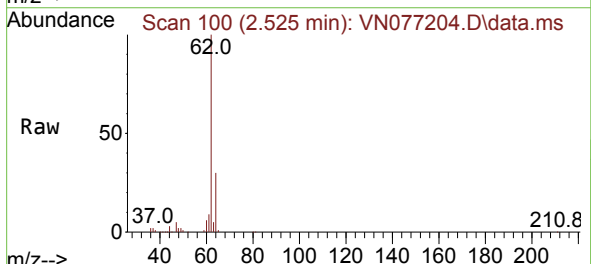
Instrument :
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ClientSampleId :
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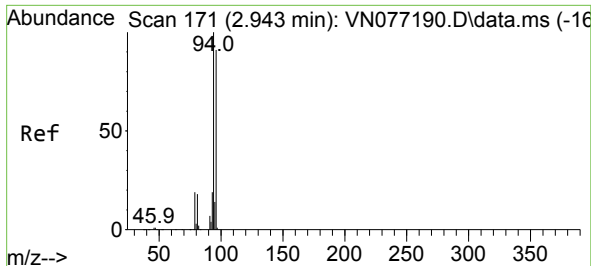
Tgt Ion: 50 Resp: 343594
Ion Ratio Lower Upper
50 100
52 32.6 27.9 41.9



#4
Vinyl Chloride
Concen: 53.012 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077204.D
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Tgt Ion: 62 Resp: 399733
Ion Ratio Lower Upper
62 100
64 29.9 24.5 36.7

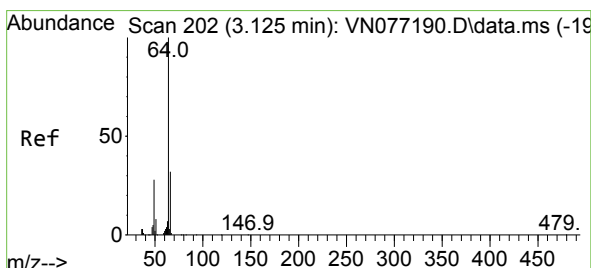
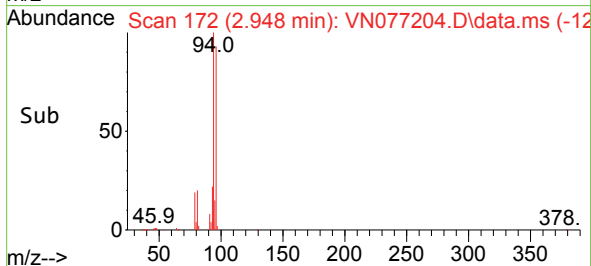
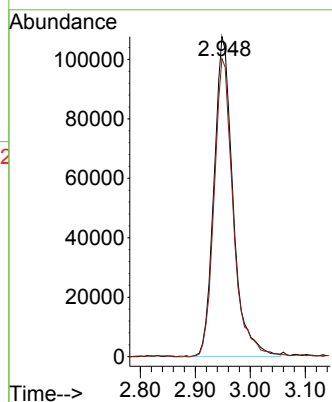
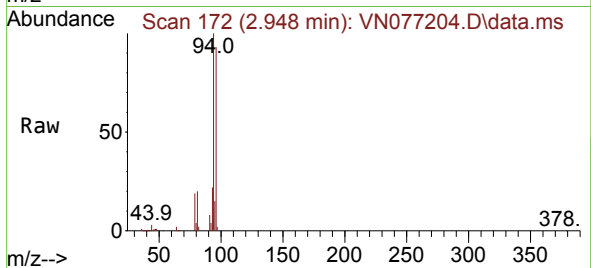




#5
Bromomethane
Concen: 43.204 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

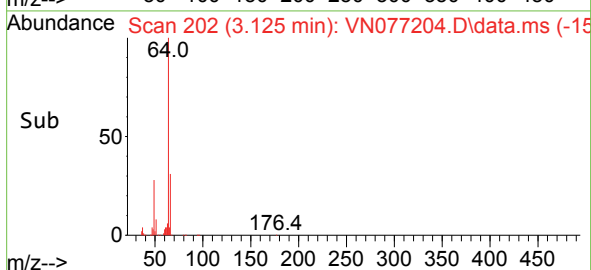
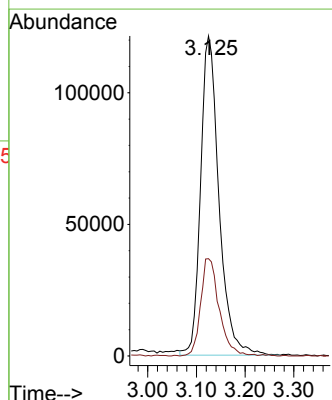
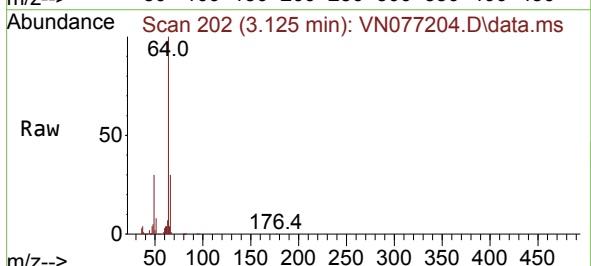
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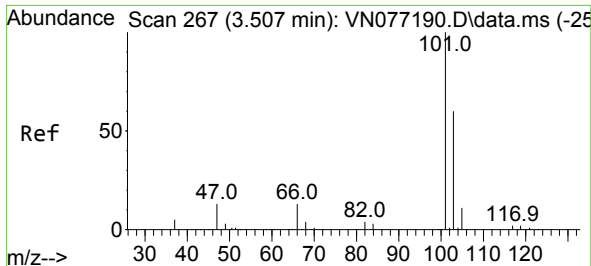
Tgt Ion: 94 Resp: 260040
Ion Ratio Lower Upper
94 100
96 92.9 79.0 118.6



#6
Chloroethane
Concen: 48.572 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 64 Resp: 317537
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4

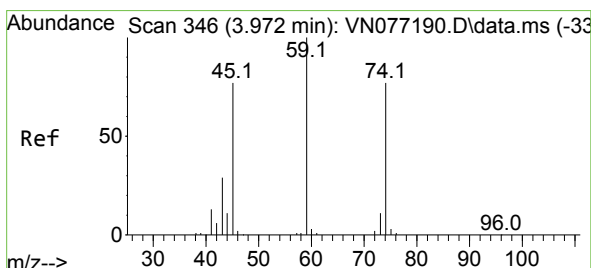
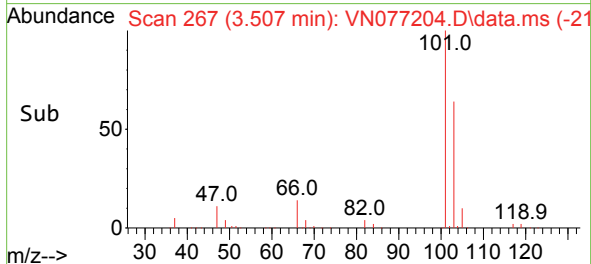
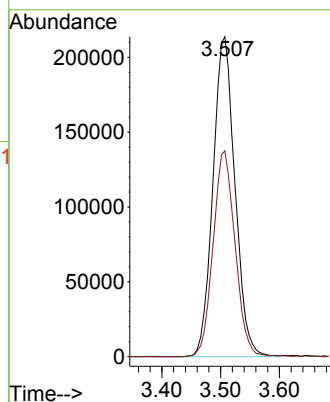
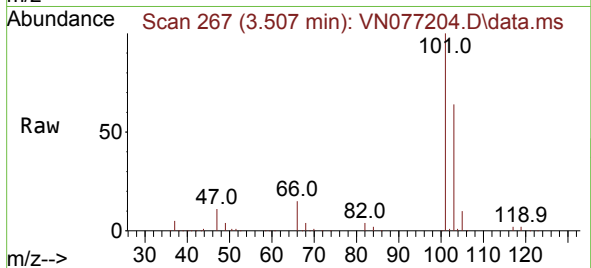




#7
Trichlorofluoromethane
Concen: 48.059 ug/l
RT: 3.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

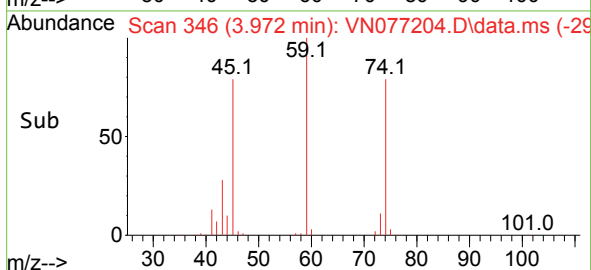
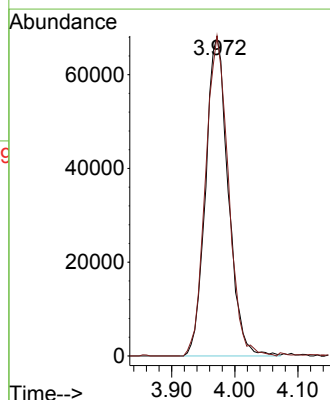
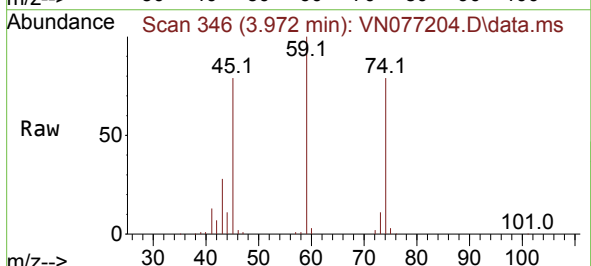
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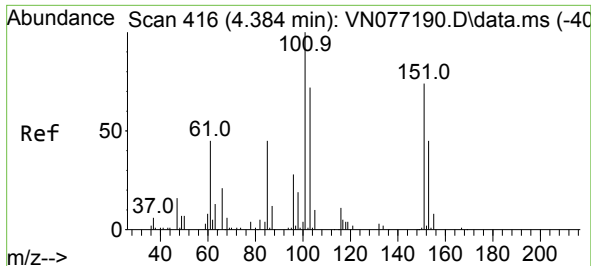
Tgt Ion:101 Resp: 555671
Ion Ratio Lower Upper
101 100
103 64.4 53.4 80.0



#8
Diethyl Ether
Concen: 44.378 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 168891
Ion Ratio Lower Upper
74 100
45 102.0 35.5 106.5

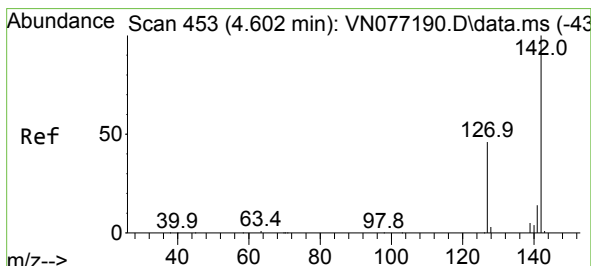
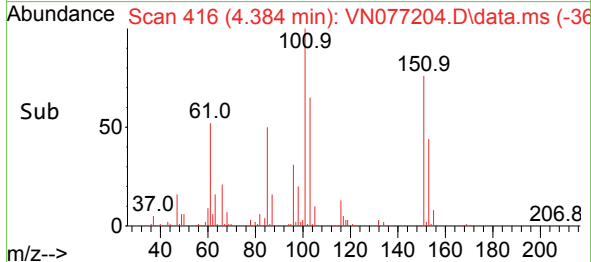
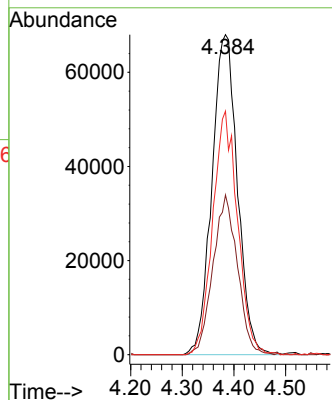
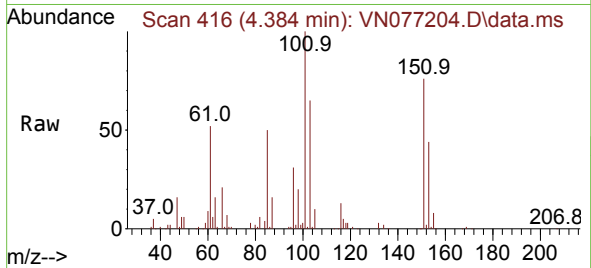




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.119 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

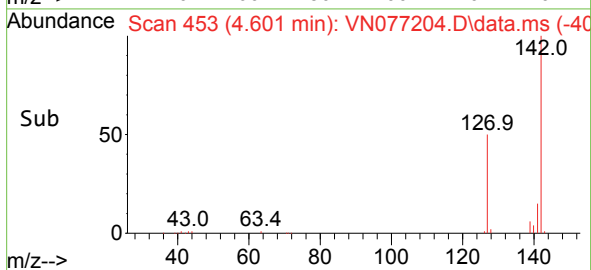
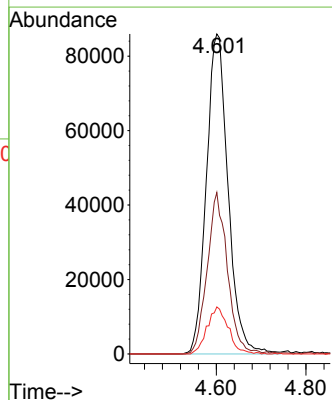
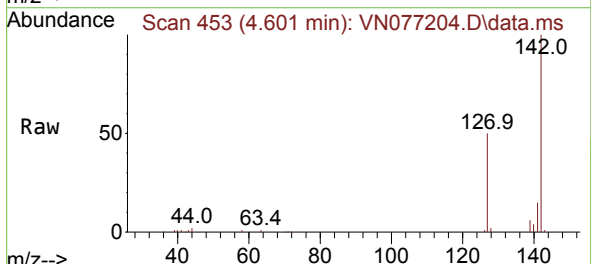
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

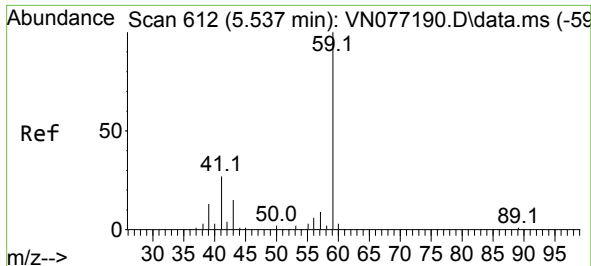
Tgt Ion:101 Resp: 233178
Ion Ratio Lower Upper
101 100
85 47.8 35.2 52.8
151 74.1 58.9 88.3



#10
Methyl Iodide
Concen: 51.739 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:142 Resp: 288875
Ion Ratio Lower Upper
142 100
127 50.5 35.2 52.8
141 14.7 10.2 15.2

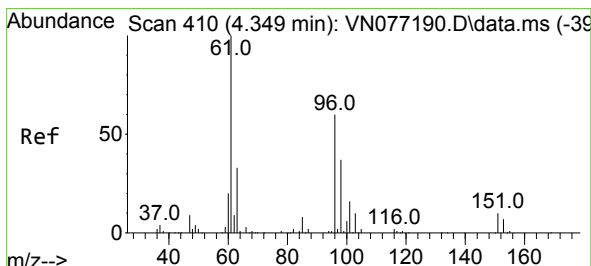
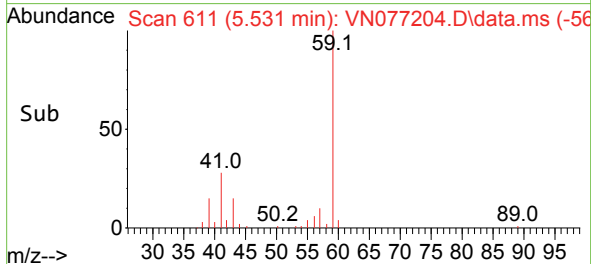
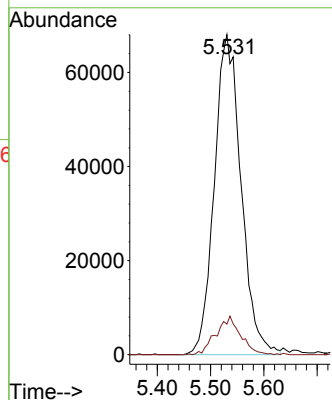
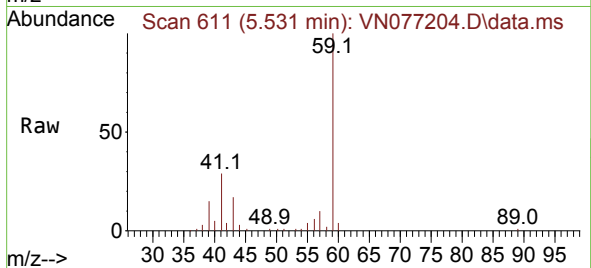




#11
Tert butyl alcohol
Concen: 243.708 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

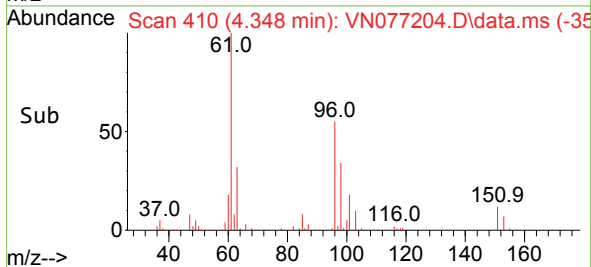
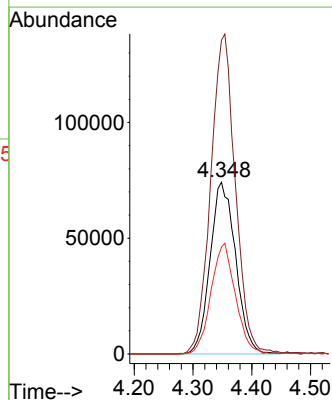
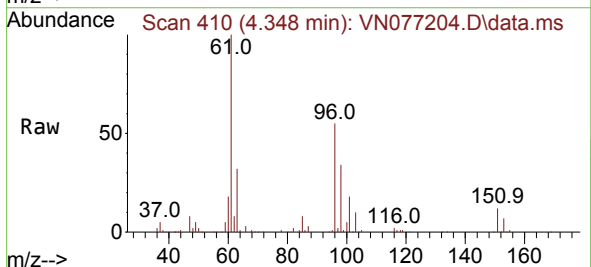
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

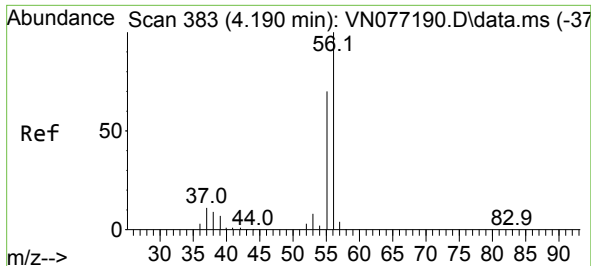
Tgt Ion: 59 Resp: 236909
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.560 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 96 Resp: 223867
Ion Ratio Lower Upper
96 100
61 182.2 121.3 181.9#
98 62.2 52.1 78.1

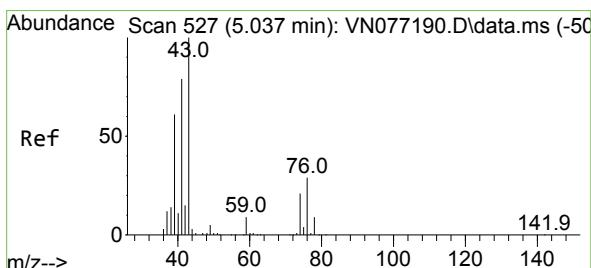
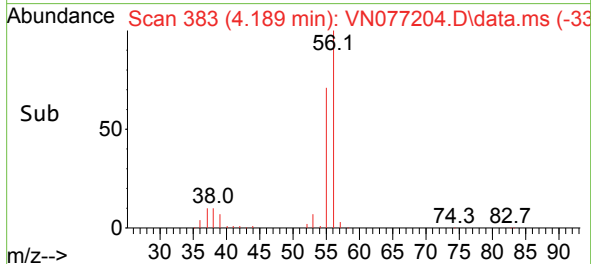
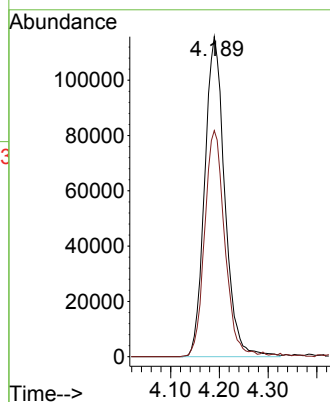
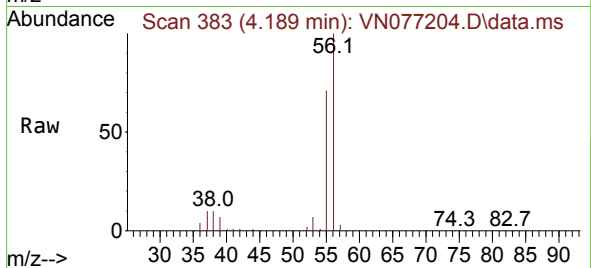




#13
Acrolein
Concen: 242.489 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

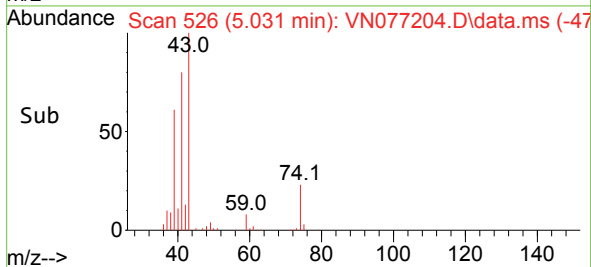
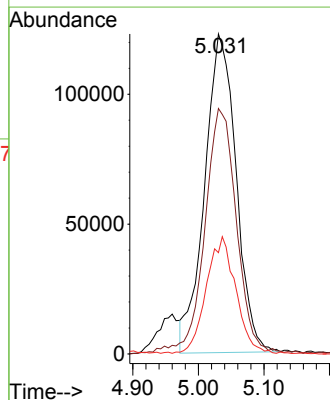
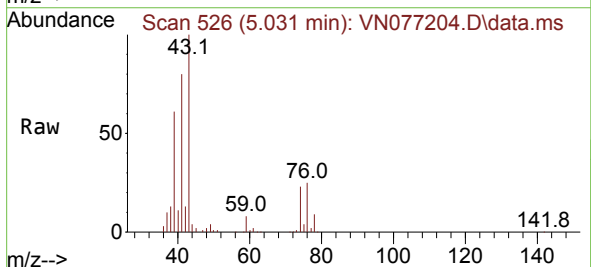
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

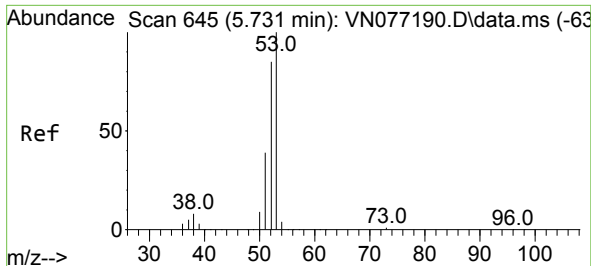
Tgt Ion: 56 Resp: 330622
Ion Ratio Lower Upper
56 100
55 70.6 56.7 85.1



#14
Allyl chloride
Concen: 46.304 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 41 Resp: 409477
Ion Ratio Lower Upper
41 100
39 78.1 68.1 102.1
76 34.0 44.1 66.1#

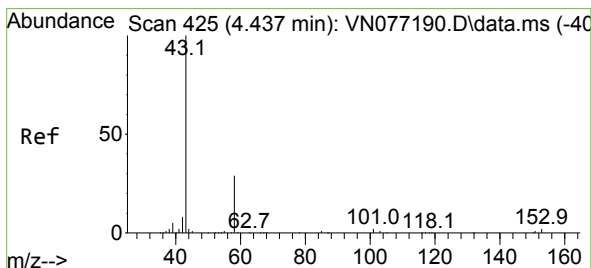
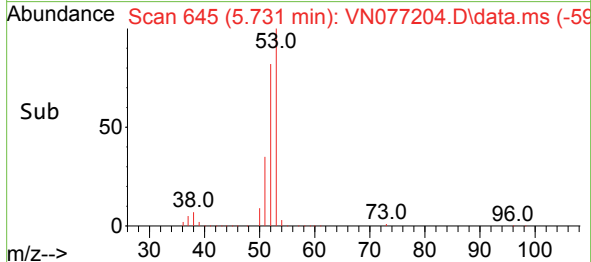
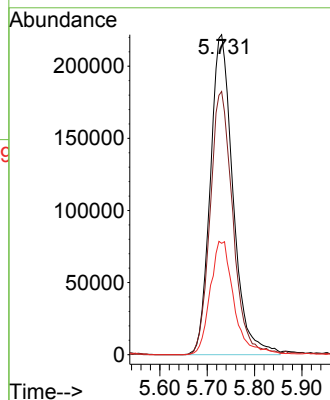
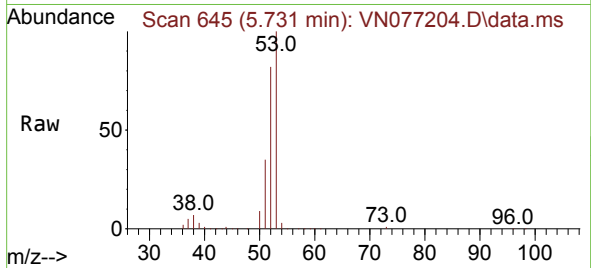




#15
Acrylonitrile
Concen: 244.100 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

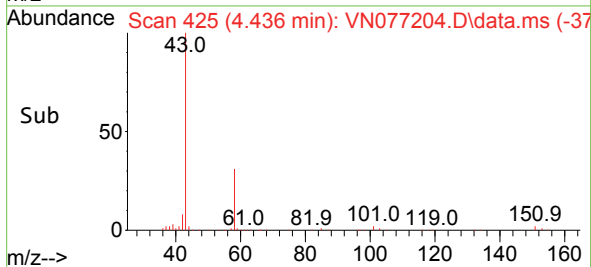
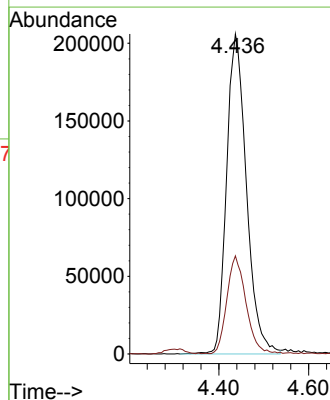
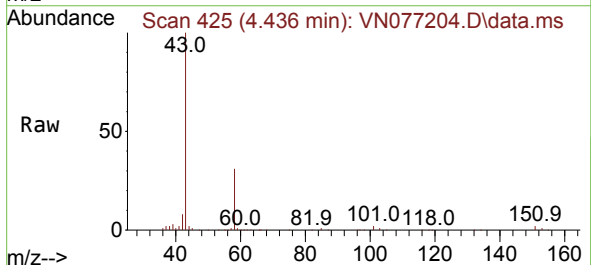
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

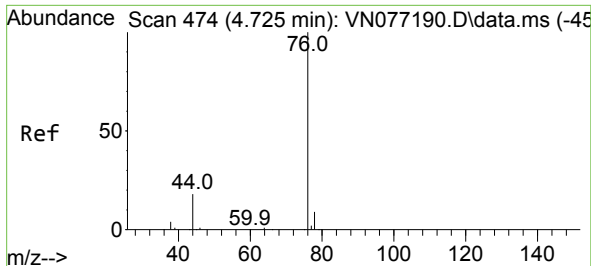
Tgt Ion: 53 Resp: 739759
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 37.2 28.8 43.2



#16
Acetone
Concen: 238.908 ug/l
RT: 4.436 min Scan# 425
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 43 Resp: 633605
Ion Ratio Lower Upper
43 100
58 30.1 28.2 42.2

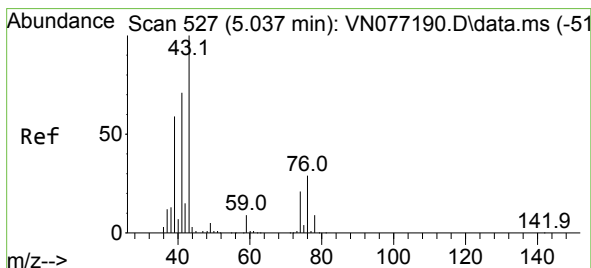
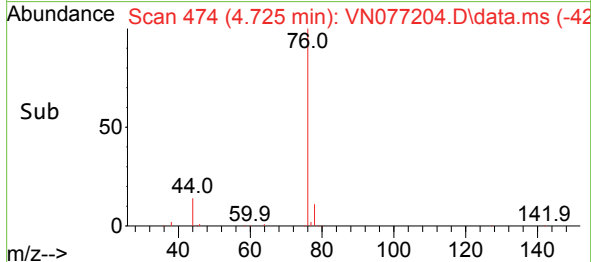
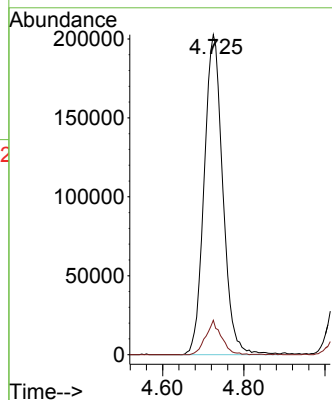
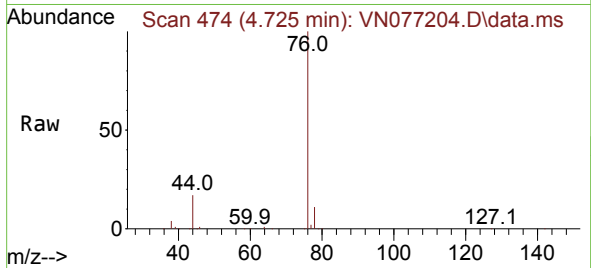




#17
Carbon Disulfide
Concen: 49.036 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

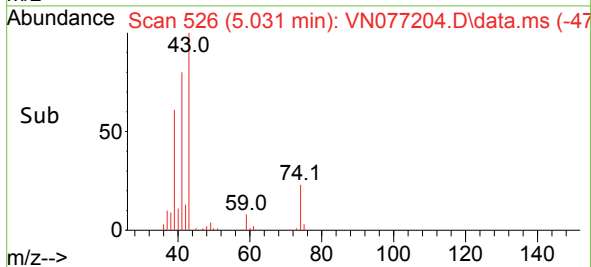
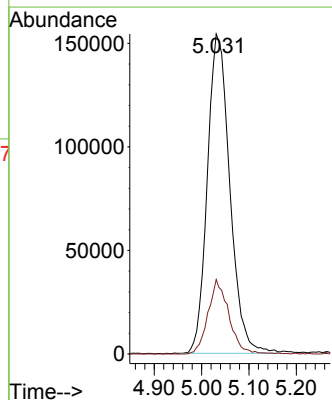
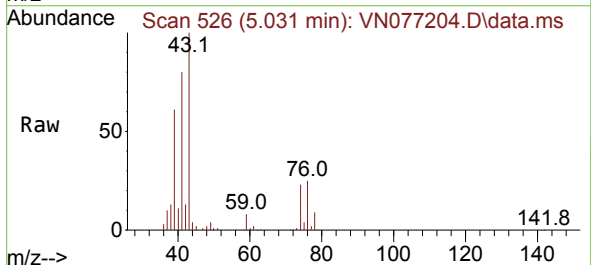
Instrument :
MSVOA_N
ClientSampleId :
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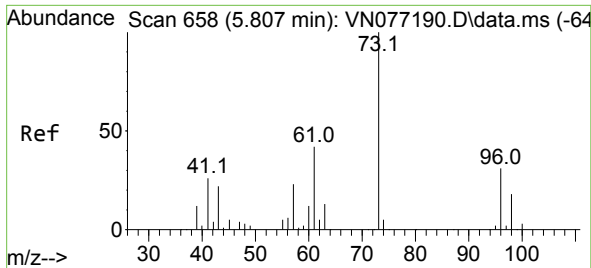
Tgt Ion: 76 Resp: 645861
Ion Ratio Lower Upper
76 100
78 10.8 7.8 11.8



#18
Methyl Acetate
Concen: 48.066 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 43 Resp: 509985
Ion Ratio Lower Upper
43 100
74 21.5 25.9 38.9#

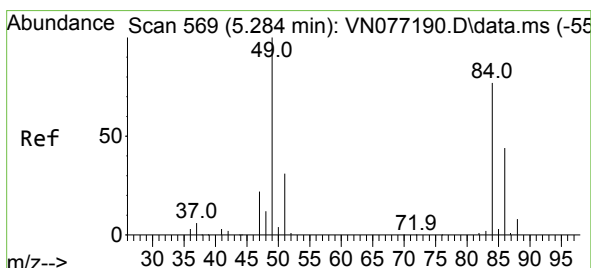
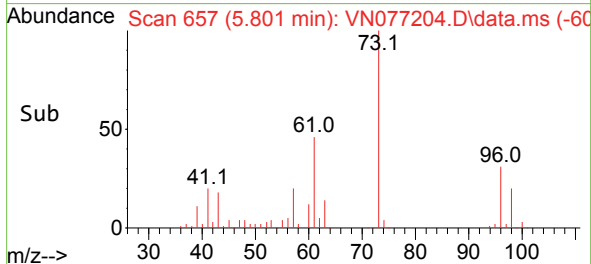
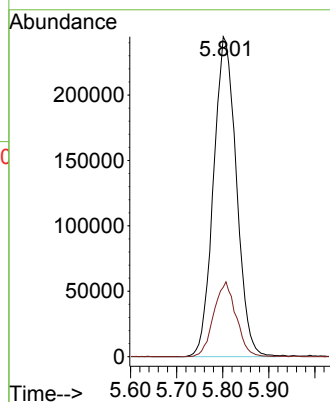
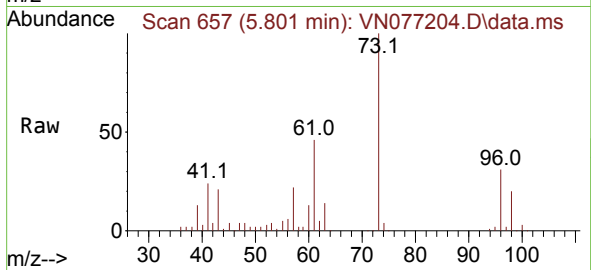




#19
Methyl tert-butyl Ether
Concen: 50.487 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

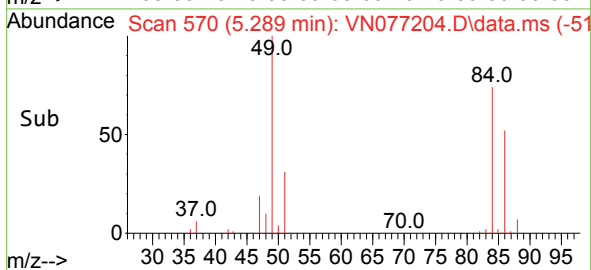
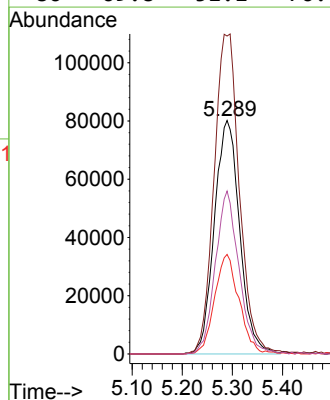
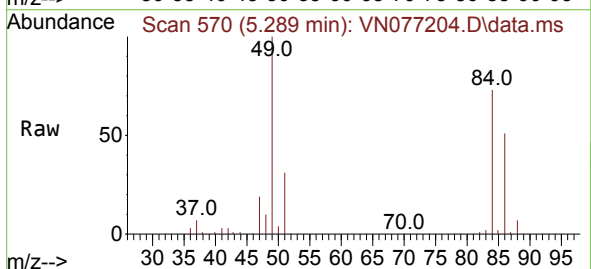
Instrument :
MSVOA_N
ClientSampleId :
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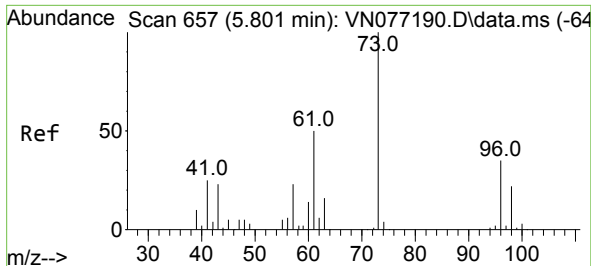
Tgt Ion: 73 Resp: 844752
Ion Ratio Lower Upper
73 100
57 21.7 16.1 24.1



#20
Methylene Chloride
Concen: 47.558 ug/l
RT: 5.289 min Scan# 570
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 84 Resp: 280867
Ion Ratio Lower Upper
84 100
49 136.2 76.6 114.8#
51 42.6 25.4 38.2#
86 69.8 51.1 76.7

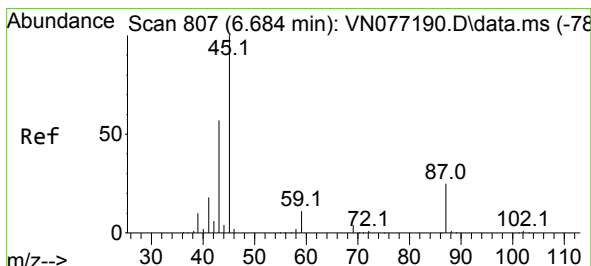
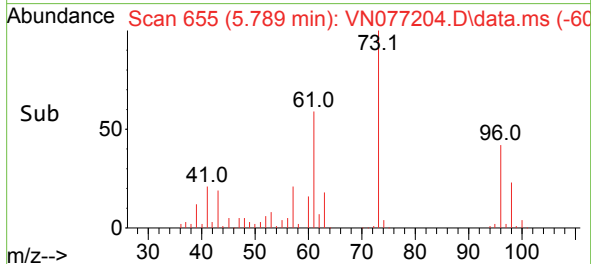
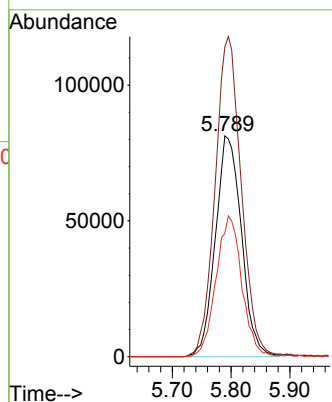
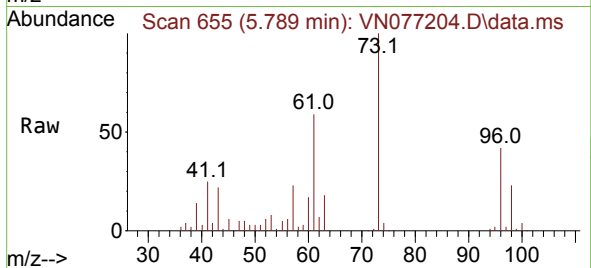




#21
trans-1,2-Dichloroethene
Concen: 48.407 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

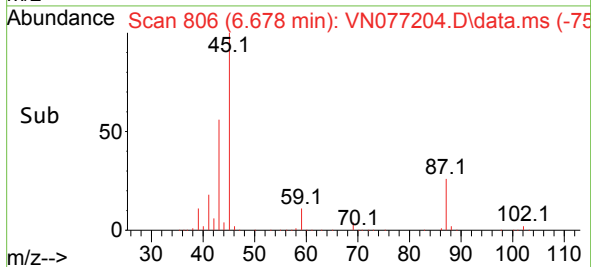
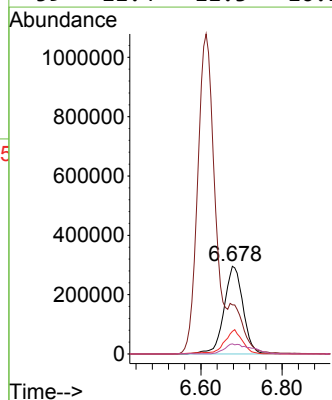
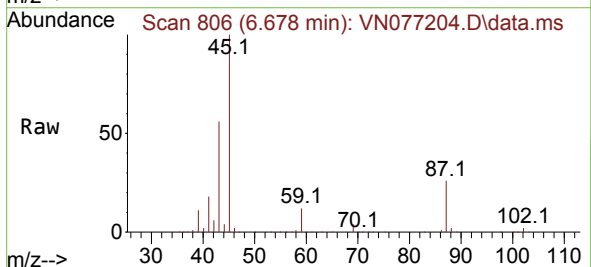
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ClientSampleId :
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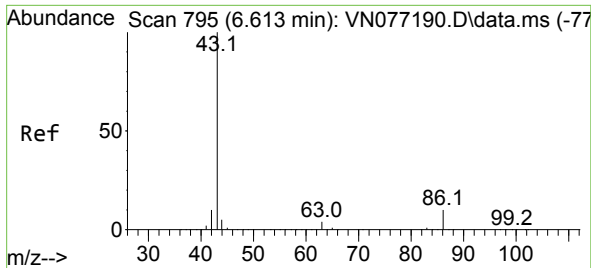
Tgt Ion: 96 Resp: 250046
Ion Ratio Lower Upper
96 100
61 140.4 95.0 142.6
98 55.9 54.5 81.7



#22
Diisopropyl ether
Concen: 50.280 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 45 Resp: 958384
Ion Ratio Lower Upper
45 100
43 55.2 42.6 63.8
87 25.7 29.7 44.5#
59 11.4 11.3 16.9

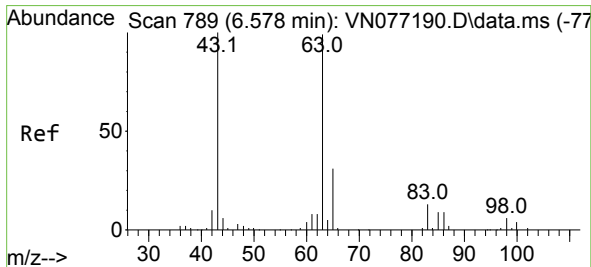
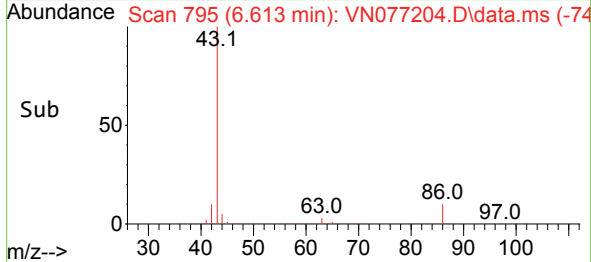
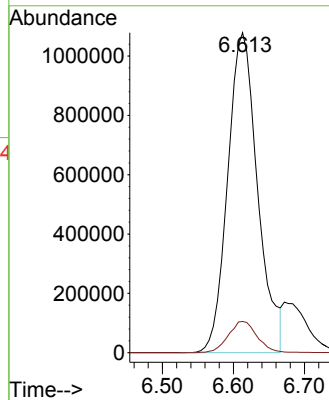
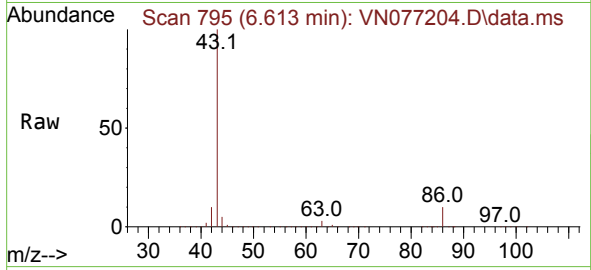




#23
 Vinyl Acetate
 Concen: 257.166 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

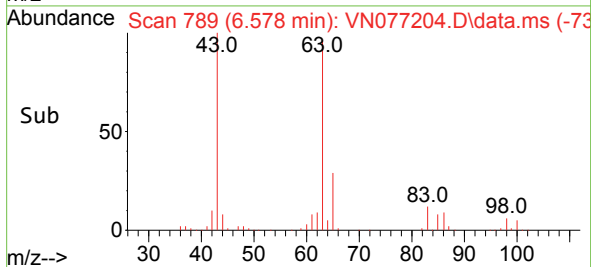
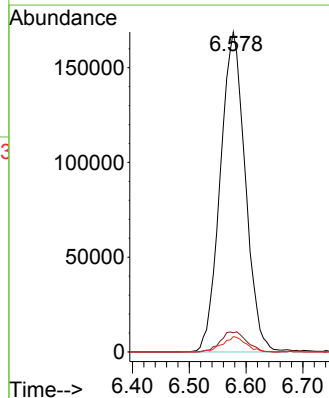
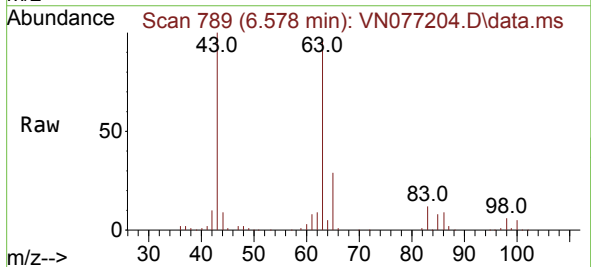
Instrument :
 MSVOA_N
 ClientSampleId :
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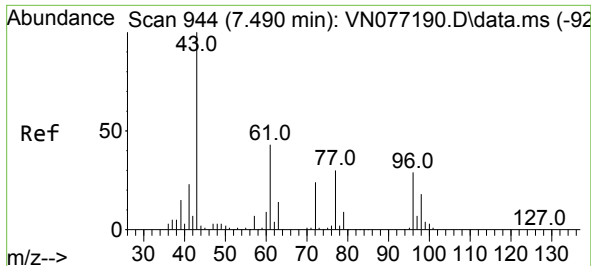
Tgt Ion: 43 Resp: 3163065
 Ion Ratio Lower Upper
 43 100
 86 9.7 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 48.427 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Tgt Ion: 63 Resp: 516059
 Ion Ratio Lower Upper
 63 100
 98 6.0 4.2 12.6
 100 4.8 2.2 6.6

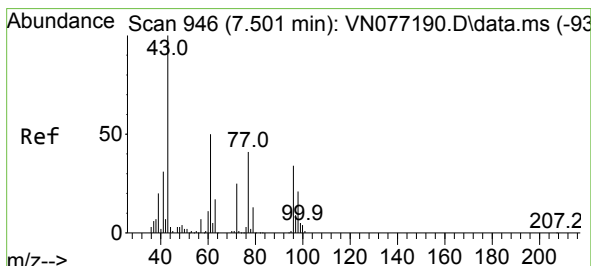
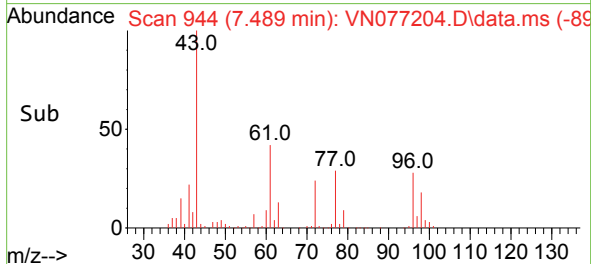
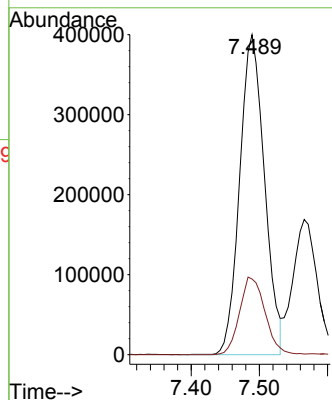
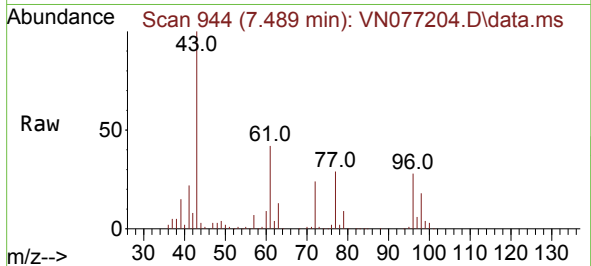




#25
2-Butanone
Concen: 243.773 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

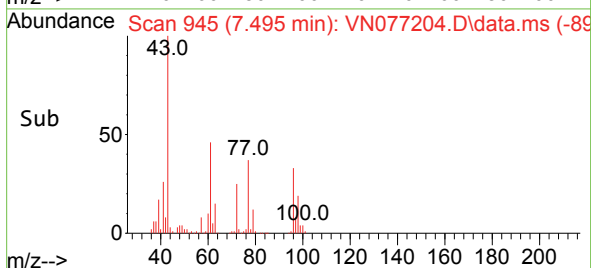
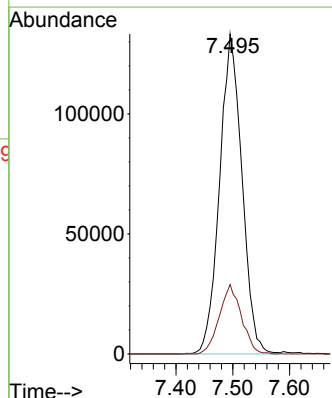
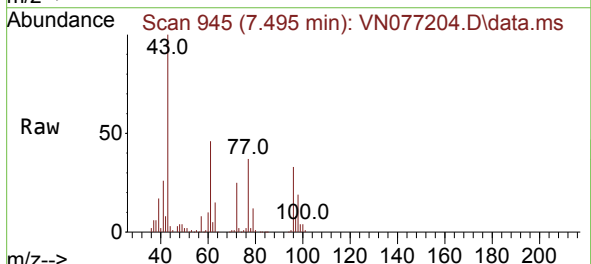
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

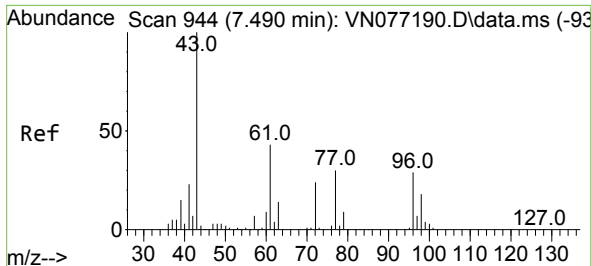
Tgt Ion: 43 Resp: 1010873
Ion Ratio Lower Upper
43 100
72 23.7 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 49.661 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 77 Resp: 364949
Ion Ratio Lower Upper
77 100
97 21.4 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 49.963 ug/l

RT: 7.495 min Scan# 94

Delta R.T. 0.005 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

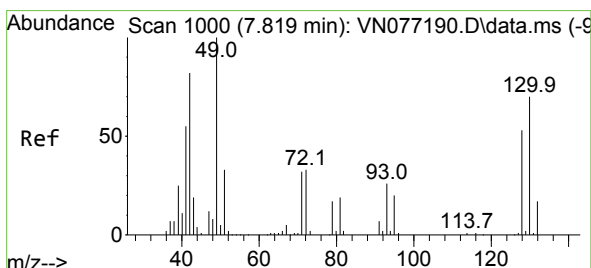
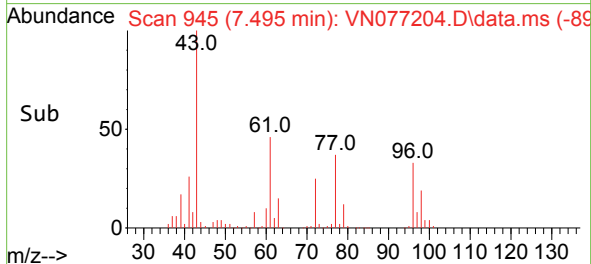
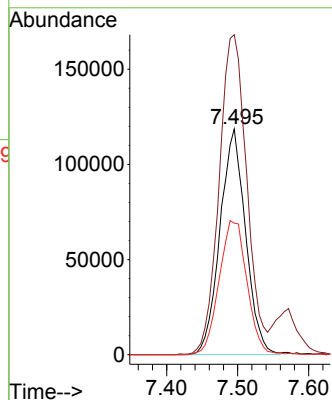
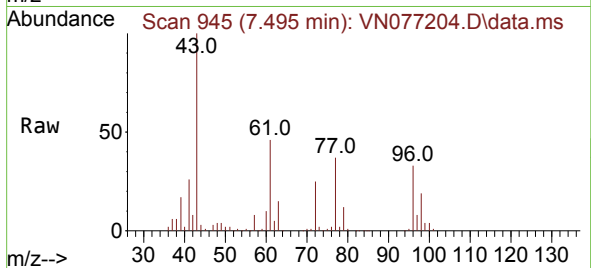
Tgt Ion: 96 Resp: 297706

Ion Ratio Lower Upper

96 100

61 153.0 0.0 255.6

98 64.5 0.0 127.4



#28

Bromochloromethane

Concen: 47.408 ug/l

RT: 7.824 min Scan# 1001

Delta R.T. 0.005 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

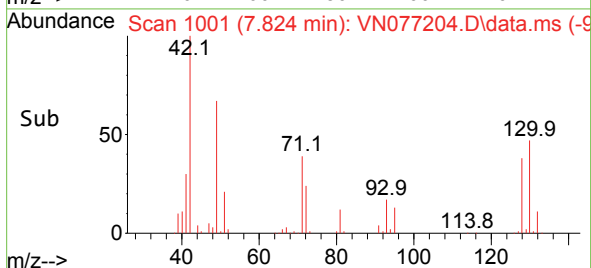
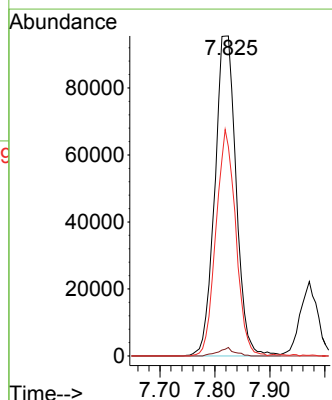
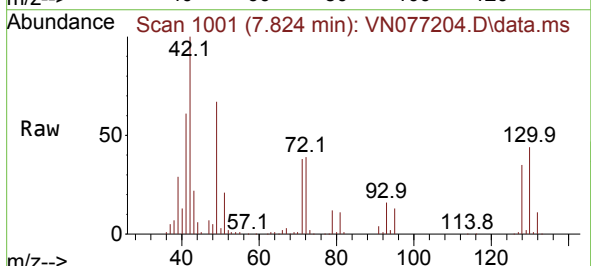
Tgt Ion: 49 Resp: 257625

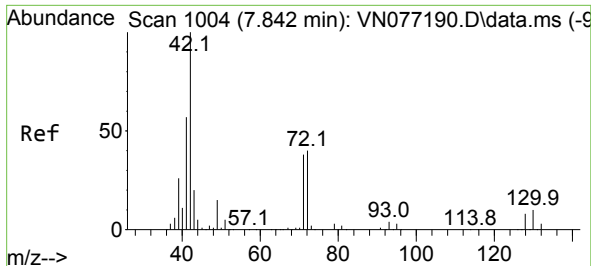
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 65.6 74.8 112.2#





#29

Tetrahydrofuran

Concen: 250.152 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

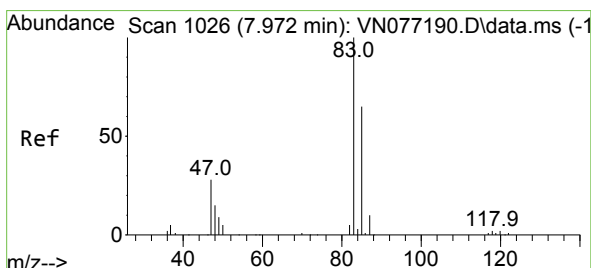
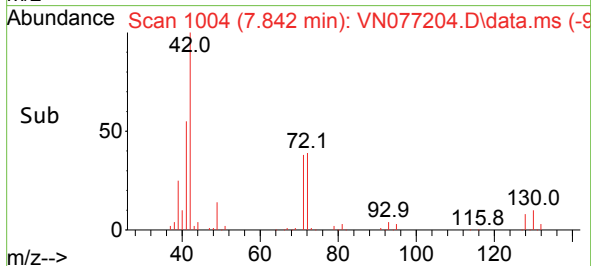
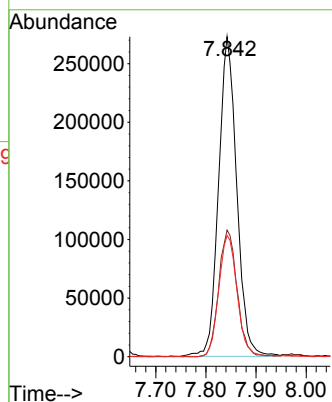
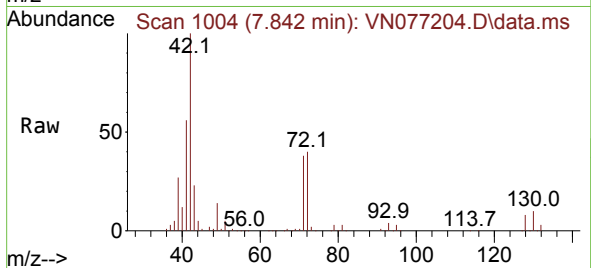
Tgt Ion: 42 Resp: 687181

Ion Ratio Lower Upper

42 100

72 39.9 48.6 73.0#

71 38.2 45.1 67.7#



#30

Chloroform

Concen: 49.026 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077204.D

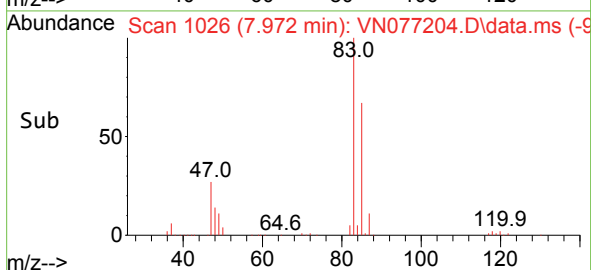
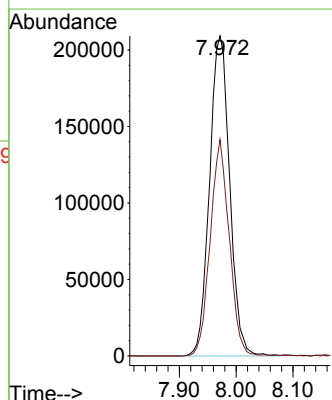
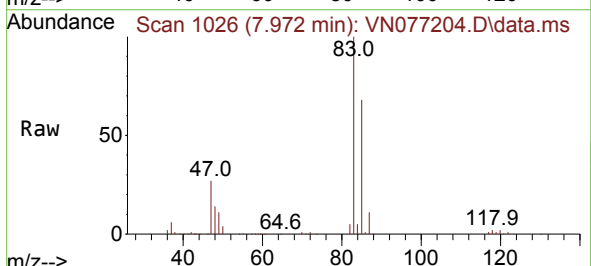
Acq: 27 Mar 2023 16:10

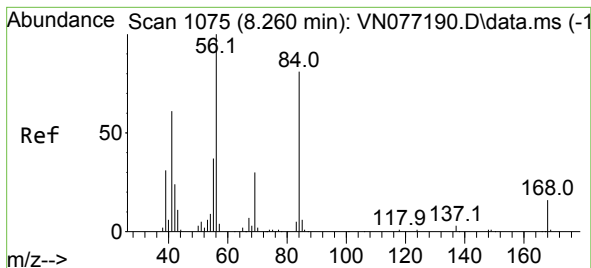
Tgt Ion: 83 Resp: 514573

Ion Ratio Lower Upper

83 100

85 67.6 51.3 76.9





#31

Cyclohexane

Concen: 46.744 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

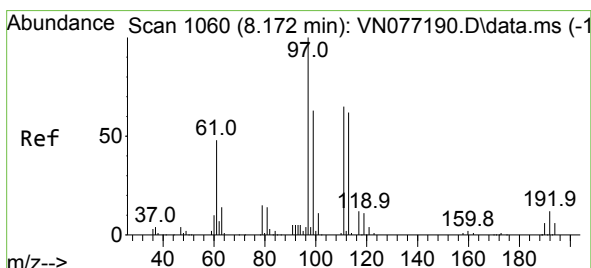
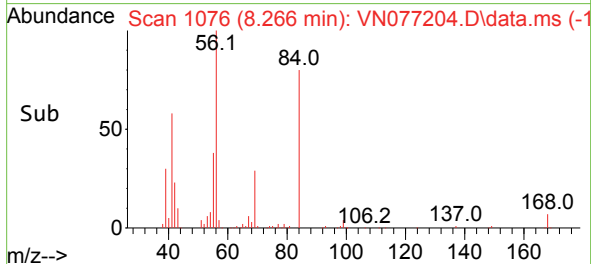
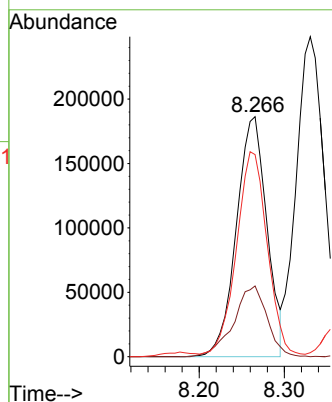
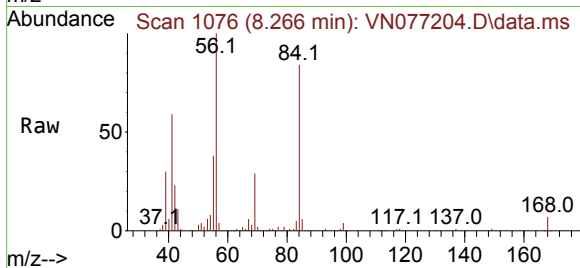
Tgt Ion: 56 Resp: 463168

Ion Ratio Lower Upper

56 100

69 29.5 27.0 40.6

84 82.2 82.9 124.3#



#32

1,1,1-Trichloroethane

Concen: 49.151 ug/l

RT: 8.177 min Scan# 1061

Delta R.T. 0.005 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

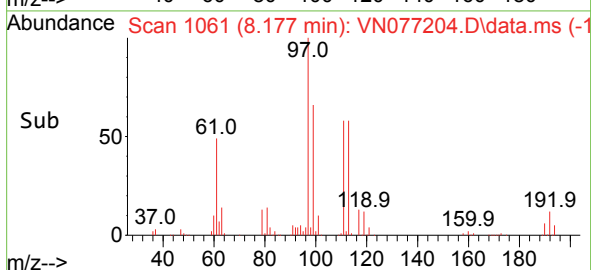
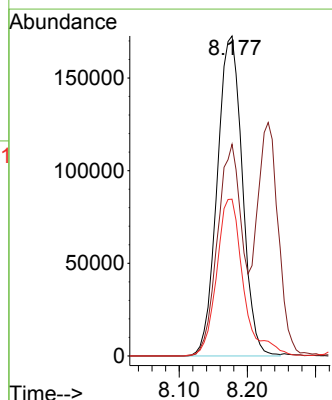
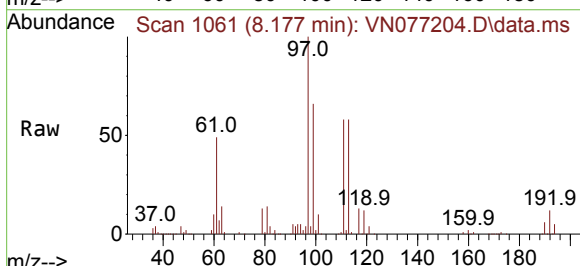
Tgt Ion: 97 Resp: 442907

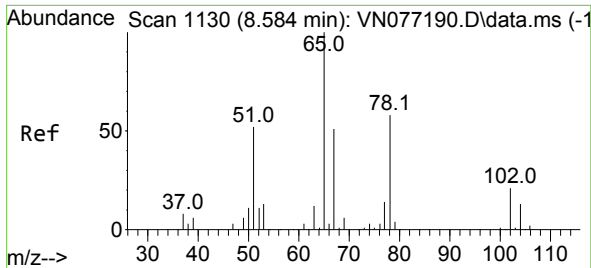
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 52.3 35.7 53.5

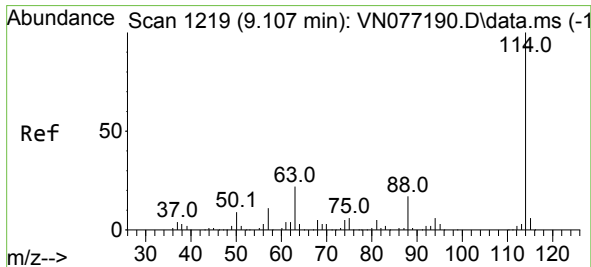
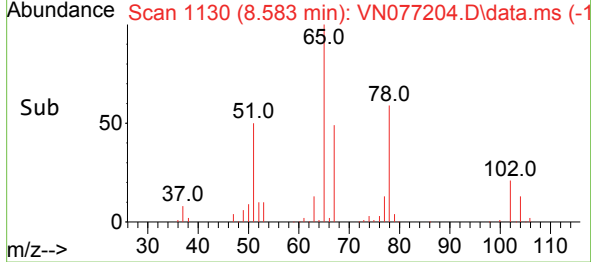
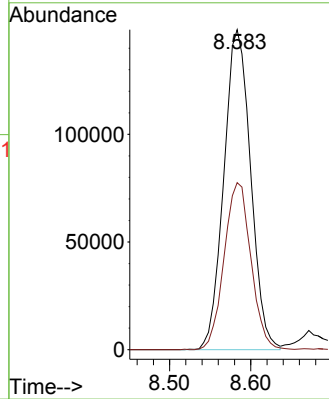
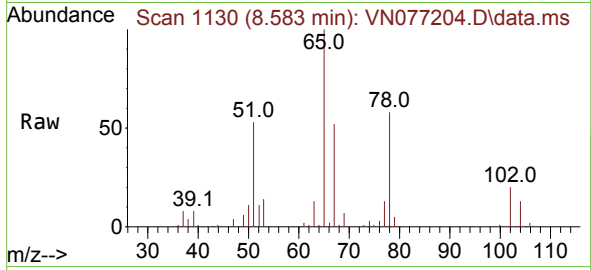




#33
 1,2-Dichloroethane-d4
 Concen: 47.785 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.001 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

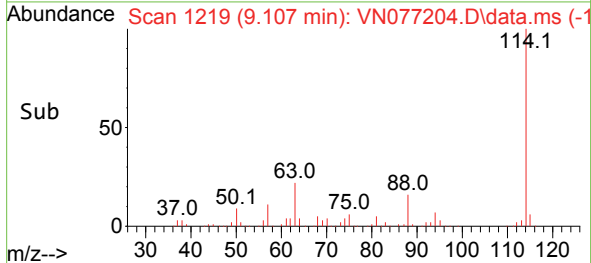
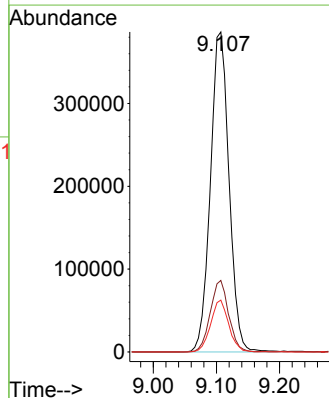
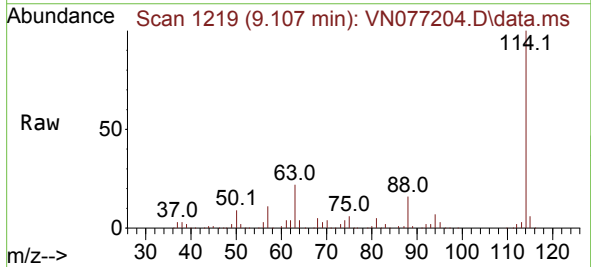
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

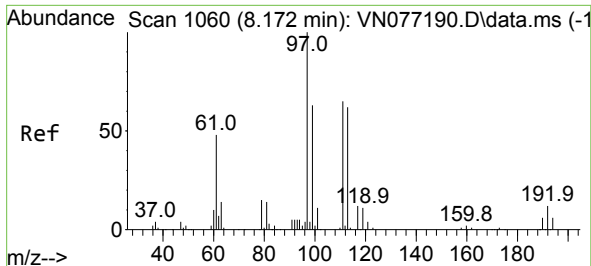
Tgt Ion: 65 Resp: 340832
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Tgt Ion: 114 Resp: 790807
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 36.6
 88 16.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

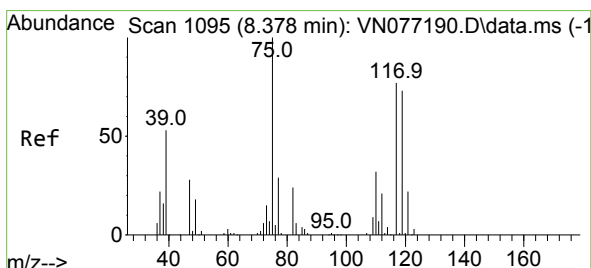
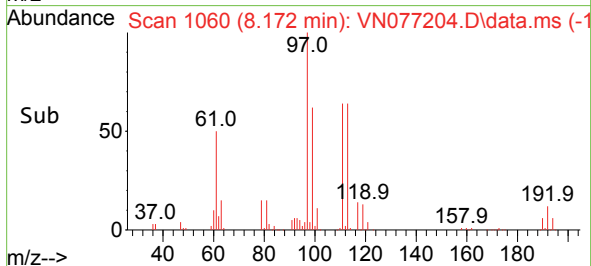
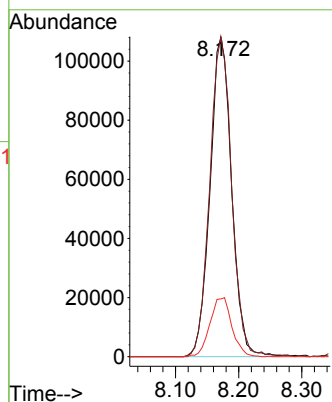
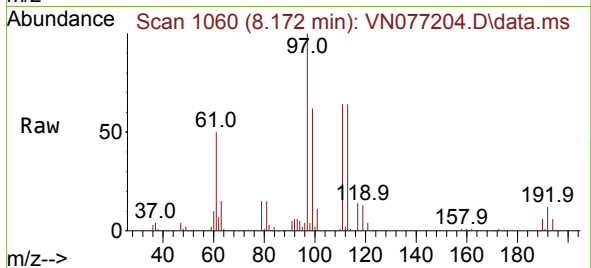
Tgt Ion:113 Resp: 256587

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 18.8 13.9 20.9



#36

1,1-Dichloropropene

Concen: 50.800 ug/l

RT: 8.377 min Scan# 1095

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

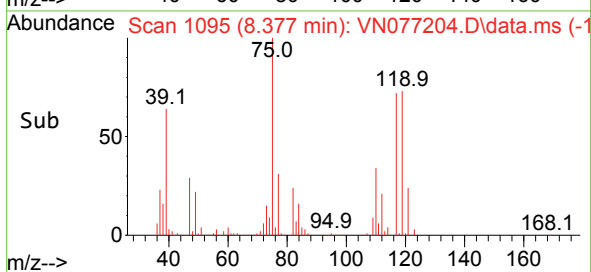
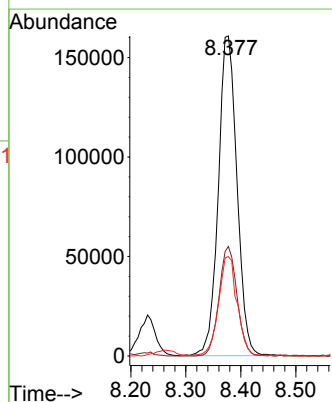
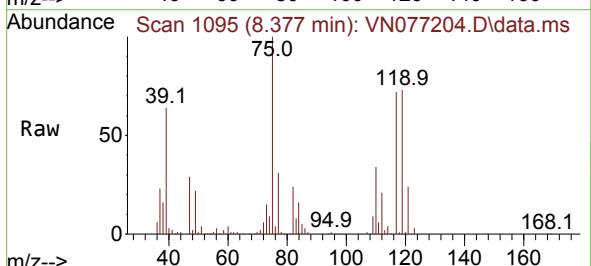
Tgt Ion: 75 Resp: 379389

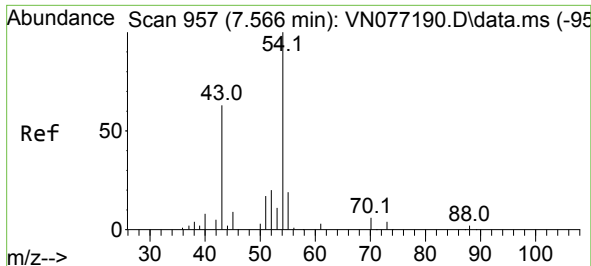
Ion Ratio Lower Upper

75 100

110 33.0 18.9 56.9

77 31.0 24.9 37.3

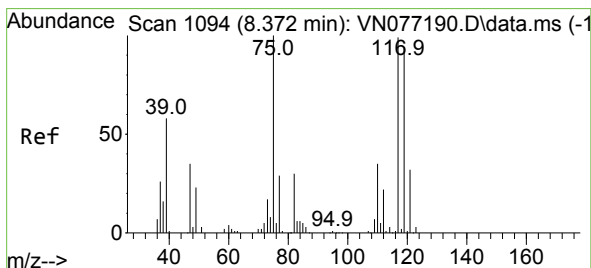
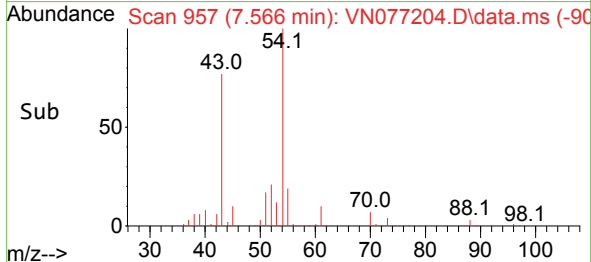
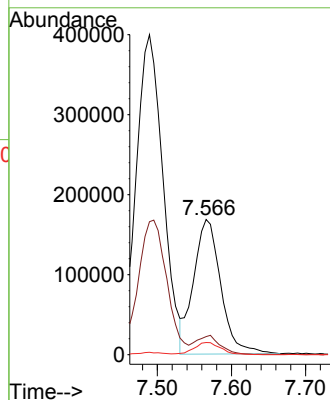
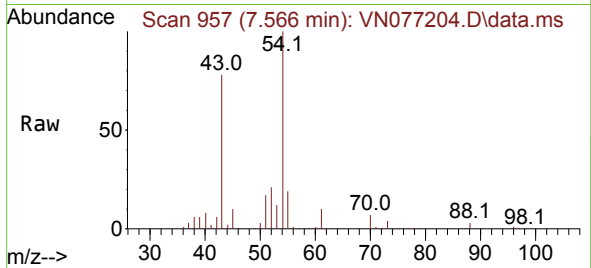




#37
Ethyl Acetate
Concen: 51.744 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

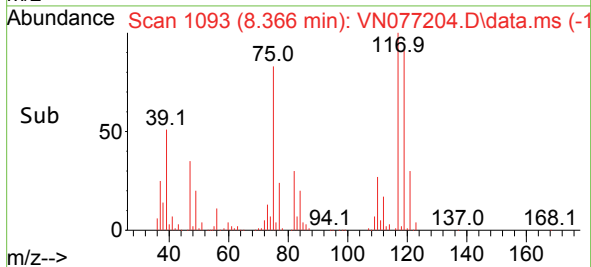
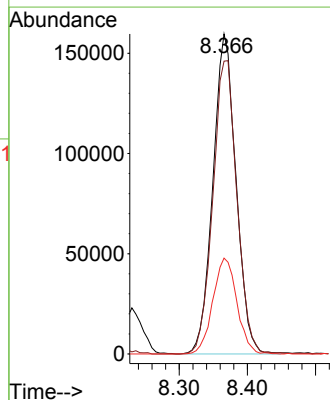
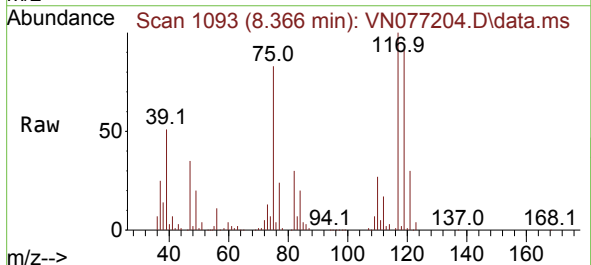
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

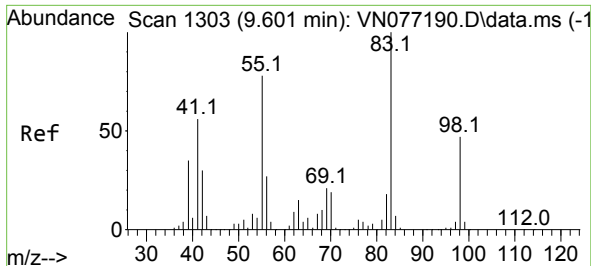
Tgt Ion: 43 Resp: 430738
Ion Ratio Lower Upper
43 100
61 12.4 13.5 20.3#
70 9.0 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 49.751 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 117 Resp: 376726
Ion Ratio Lower Upper
117 100
119 91.5 76.9 115.3
121 30.0 23.2 34.8





#39

Methylcyclohexane

Concen: 52.578 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

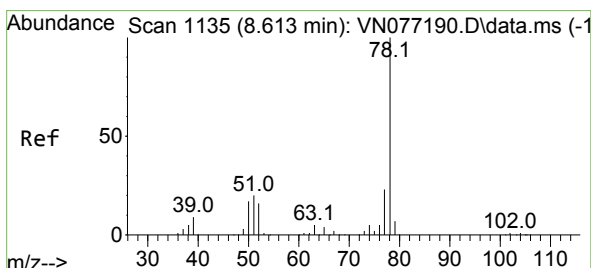
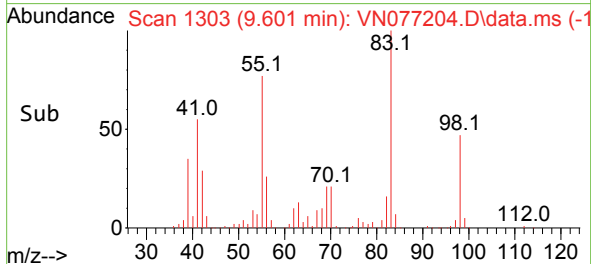
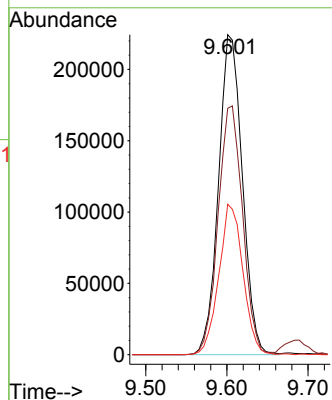
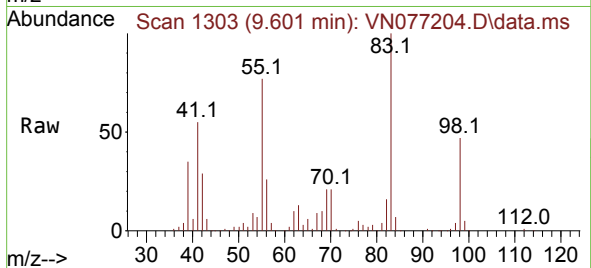
Tgt Ion: 83 Resp: 458613

Ion Ratio Lower Upper

83 100

55 77.0 47.0 70.4#

98 47.0 39.4 59.0



#40

Benzene

Concen: 49.767 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077204.D

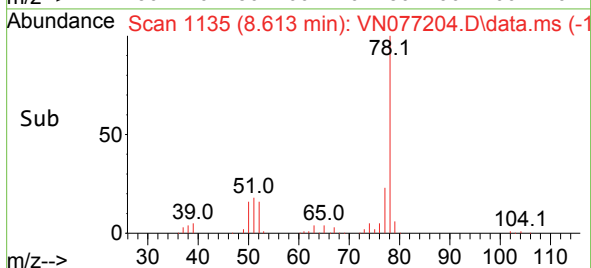
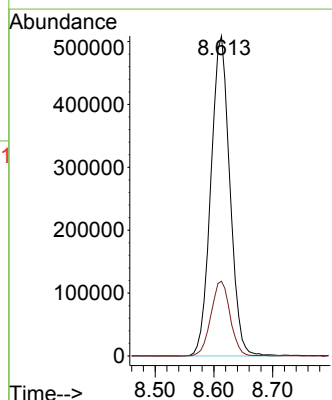
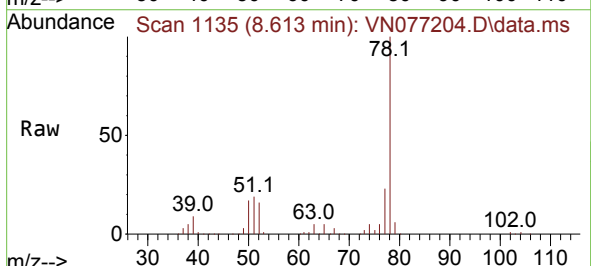
Acq: 27 Mar 2023 16:10

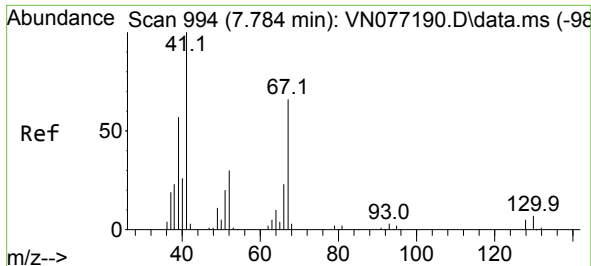
Tgt Ion: 78 Resp: 1139073

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

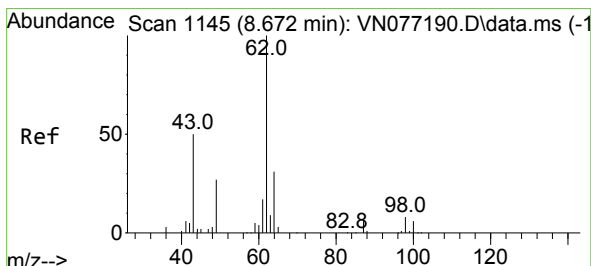
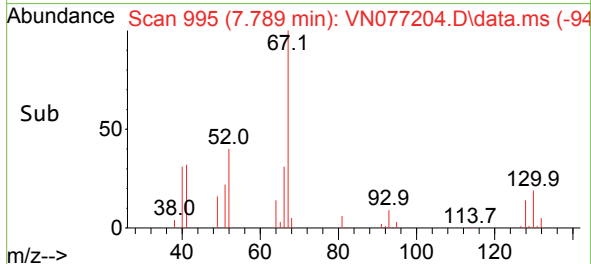
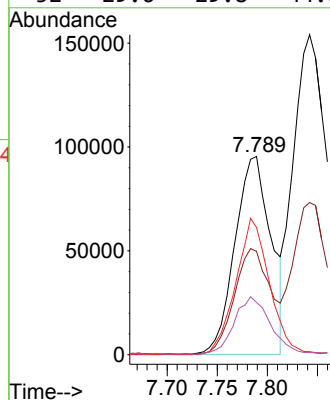
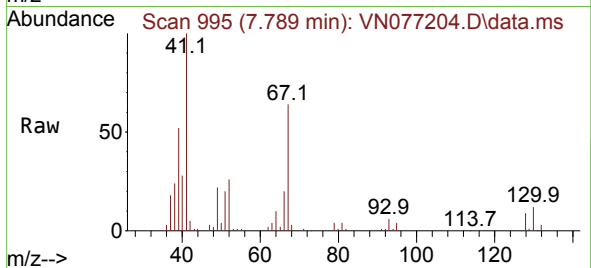




#41
Methacrylonitrile
Concen: 52.505 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

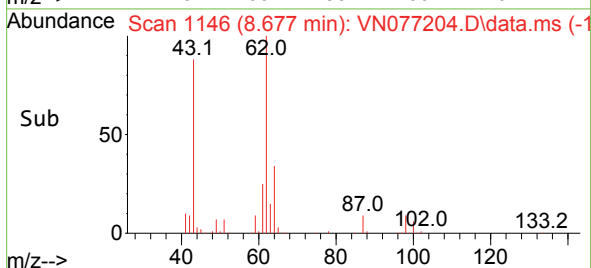
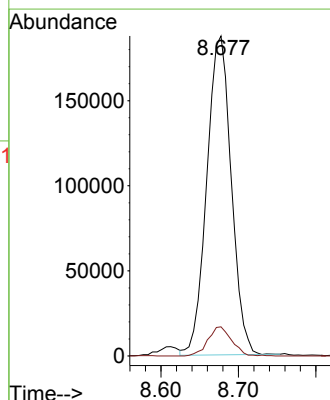
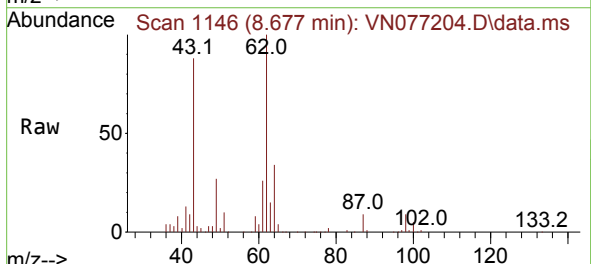
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

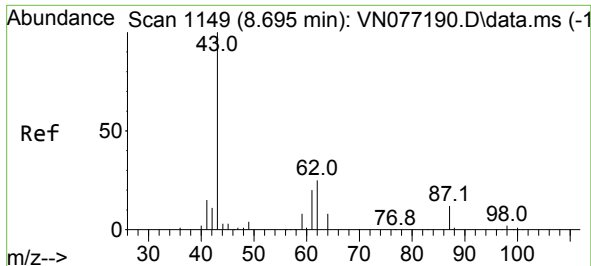
Tgt Ion: 41 Resp: 238889
Ion Ratio Lower Upper
41 100
39 54.4 43.4 65.0
67 64.7 78.6 118.0#
52 29.6 29.8 44.8#



#42
1,2-Dichloroethane
Concen: 47.818 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 62 Resp: 412662
Ion Ratio Lower Upper
62 100
98 8.9 0.0 21.8

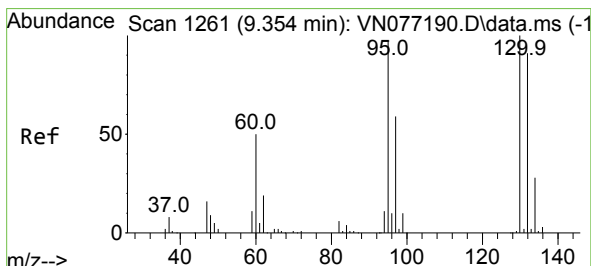
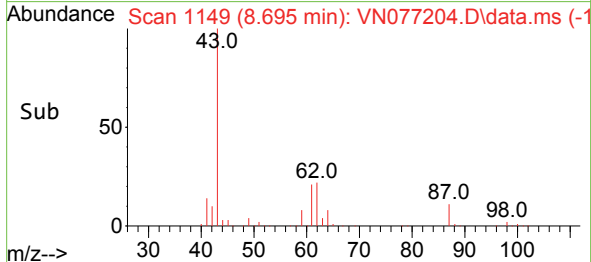
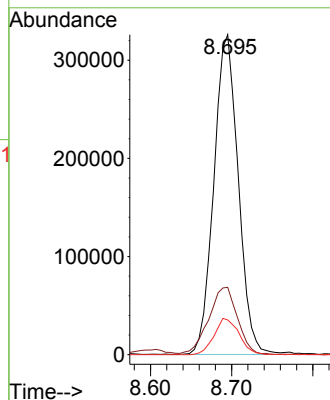
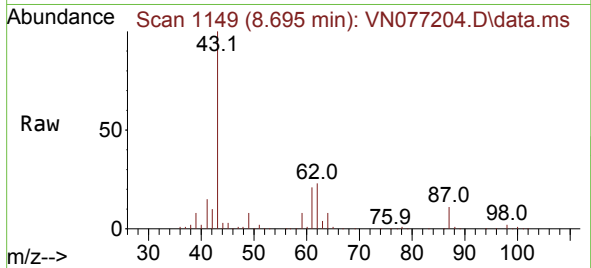




#43
Isopropyl Acetate
Concen: 50.697 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

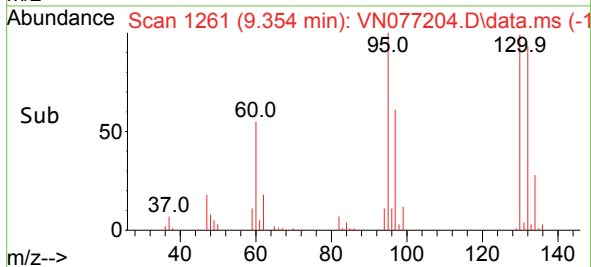
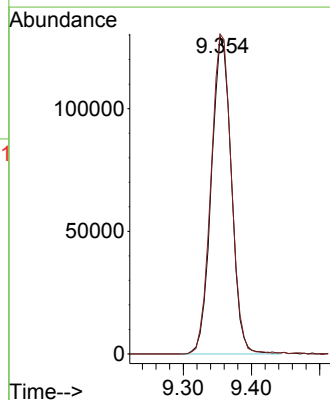
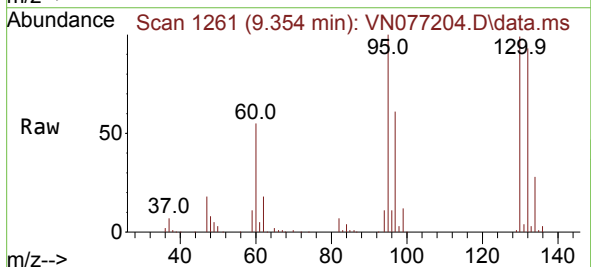
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

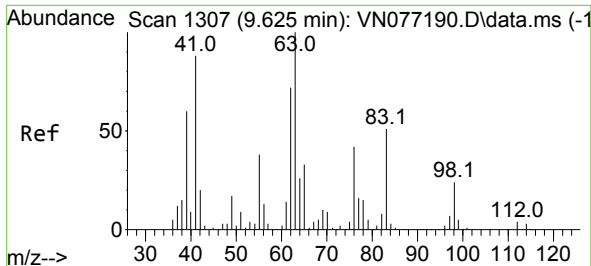
Tgt Ion: 43 Resp: 680845
Ion Ratio Lower Upper
43 100
61 24.8 26.2 39.2#
87 11.6 14.8 22.2#



#44
Trichloroethene
Concen: 50.234 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:130 Resp: 263436
Ion Ratio Lower Upper
130 100
95 100.9 0.0 208.6





#45

1,2-Dichloropropane

Concen: 50.030 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

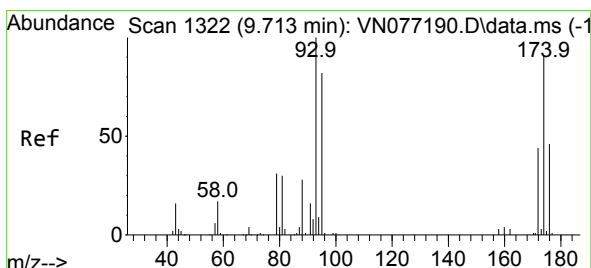
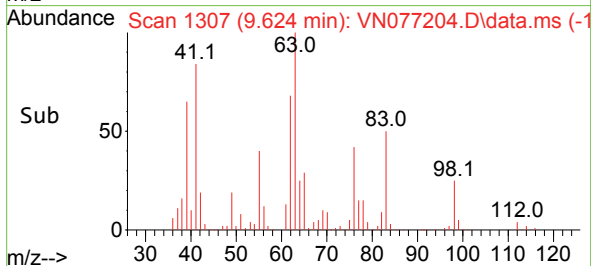
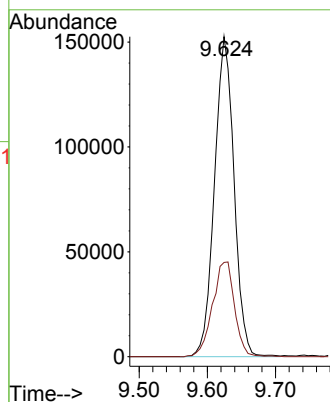
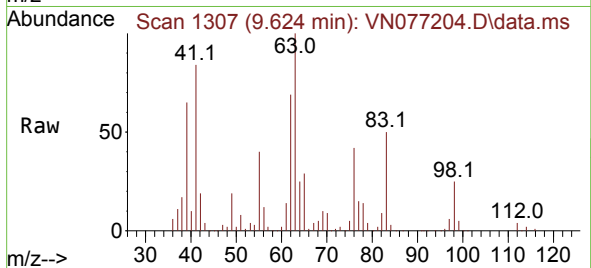
VSTDCCC050

Tgt Ion: 63 Resp: 304539

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.6



#46

Dibromomethane

Concen: 50.005 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

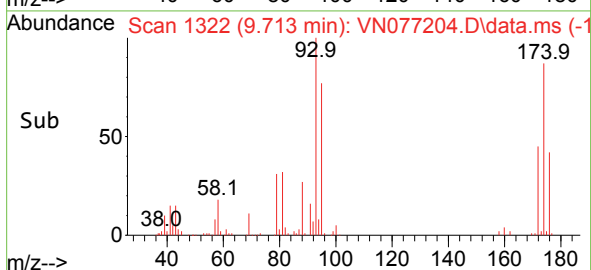
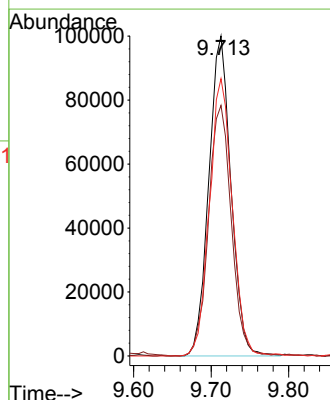
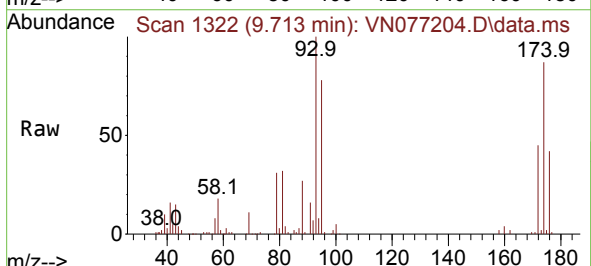
Tgt Ion: 93 Resp: 198943

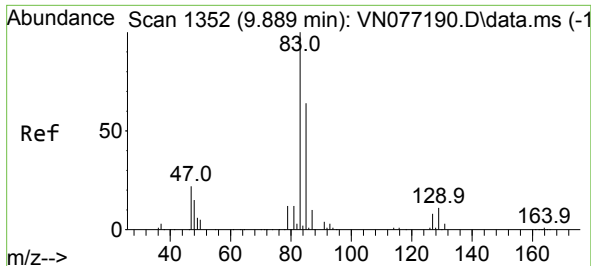
Ion Ratio Lower Upper

93 100

95 80.6 65.7 98.5

174 89.4 69.3 103.9

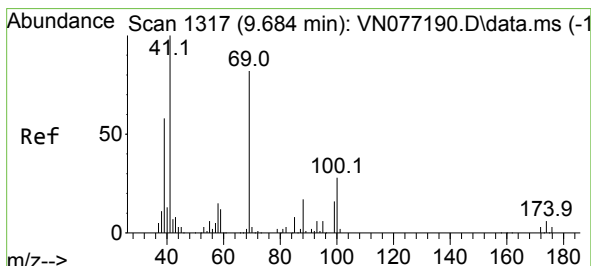
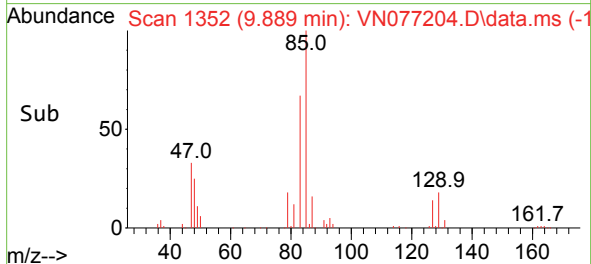
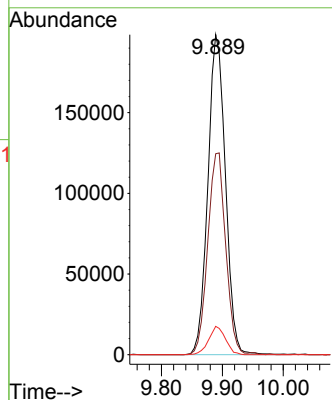
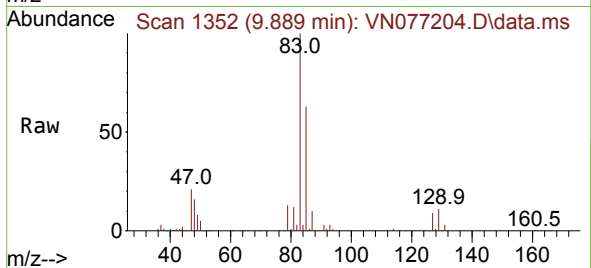




#47
Bromodichloromethane
Concen: 50.228 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

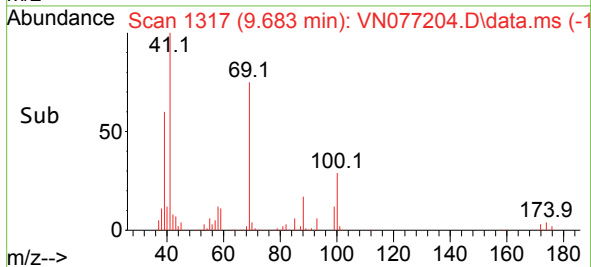
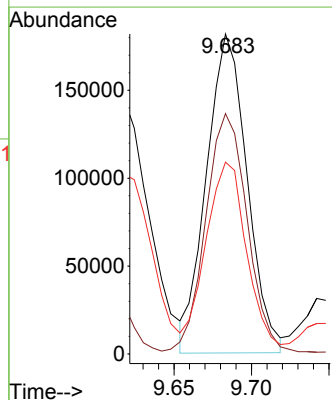
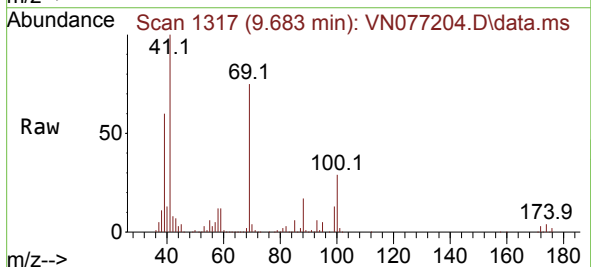
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

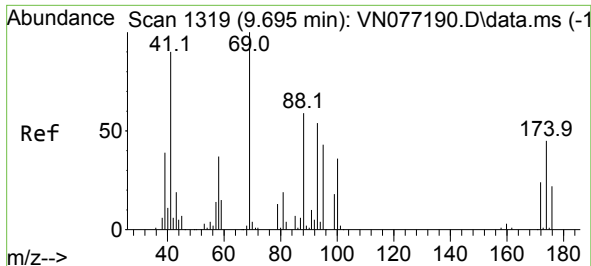
Tgt Ion: 83 Resp: 397430
Ion Ratio Lower Upper
83 100
85 62.8 52.6 78.8
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 51.191 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 41 Resp: 331068
Ion Ratio Lower Upper
41 100
69 77.5 92.6 139.0#
39 61.0 51.4 77.0





#49

1,4-Dioxane

Concen: 1034.269 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

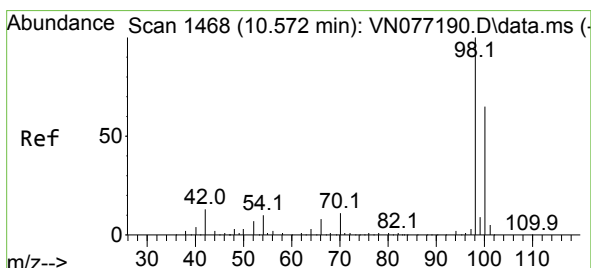
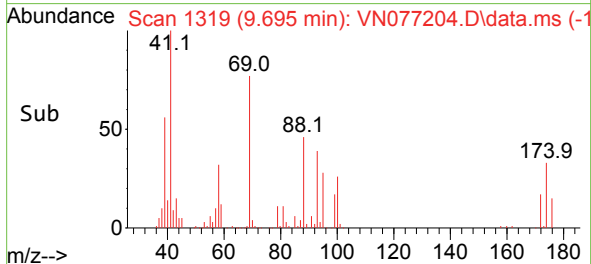
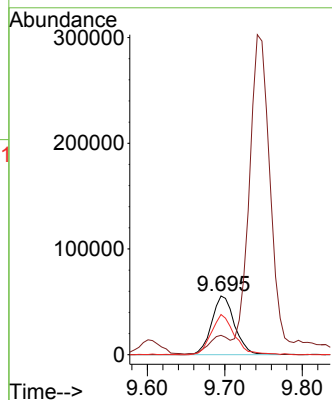
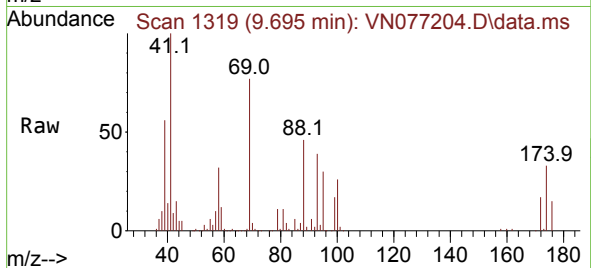
Tgt Ion: 88 Resp: 114030

Ion Ratio Lower Upper

88 100

43 27.6 15.3 22.9#

58 69.2 47.6 71.4



#50

Toluene-d8

Concen: 49.539 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN077204.D

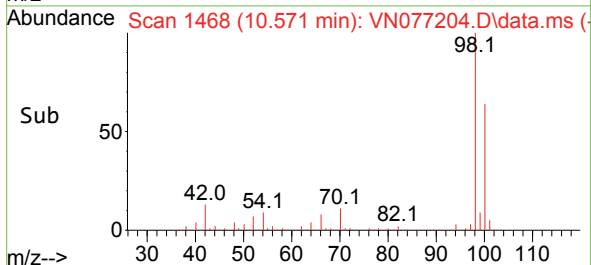
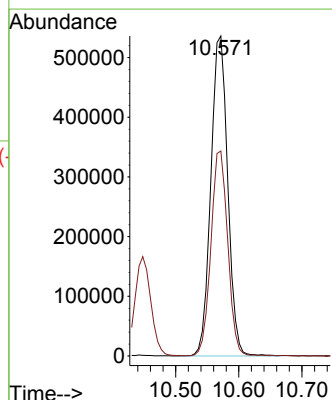
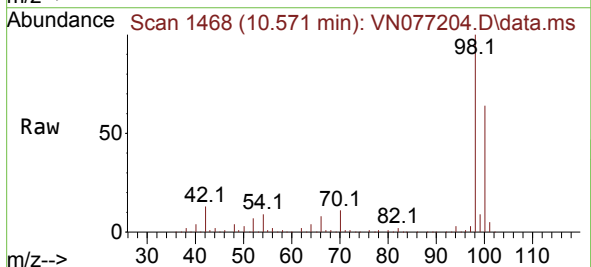
Acq: 27 Mar 2023 16:10

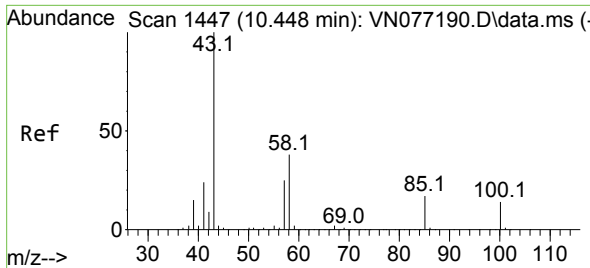
Tgt Ion: 98 Resp: 996053

Ion Ratio Lower Upper

98 100

100 63.7 52.8 79.2

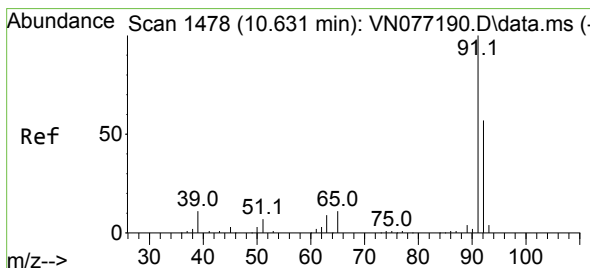
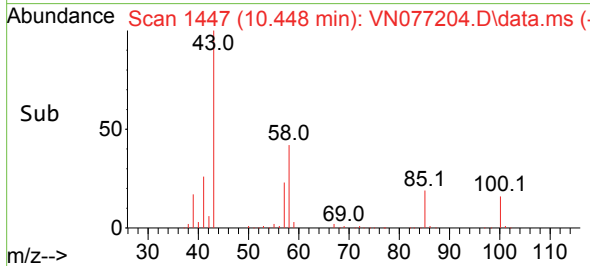
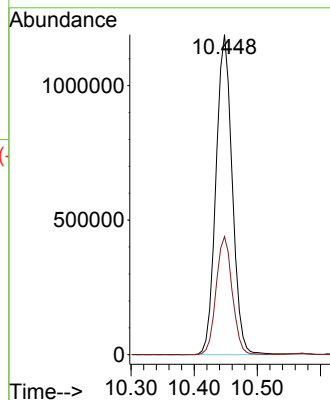
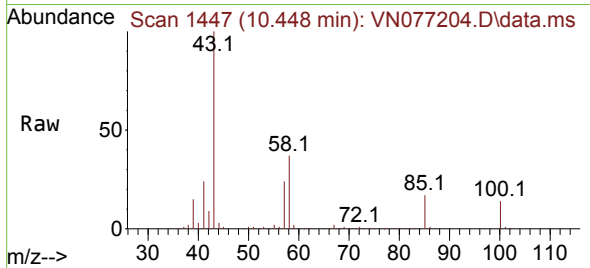




#51
4-Methyl-2-Pentanone
Concen: 251.687 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

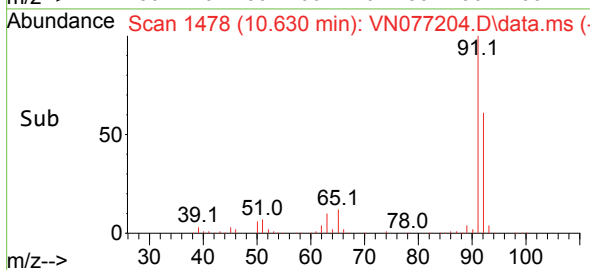
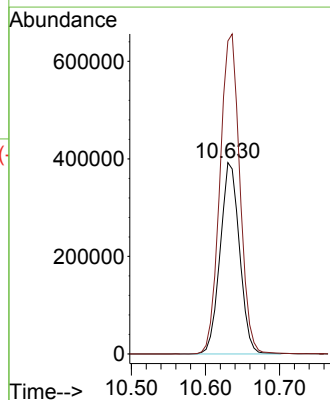
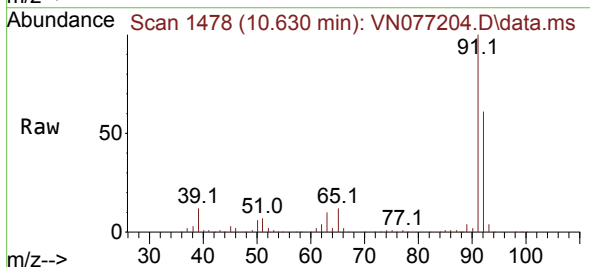
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

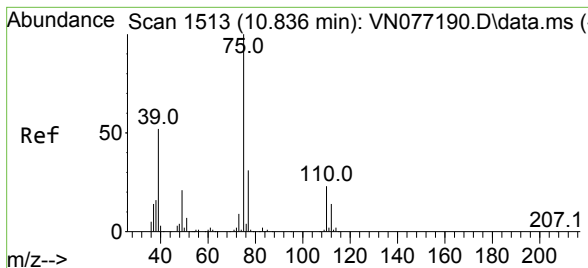
Tgt Ion: 43 Resp: 2126761
Ion Ratio Lower Upper
43 100
58 36.7 37.4 56.0#



#52
Toluene
Concen: 50.926 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 92 Resp: 710857
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.2

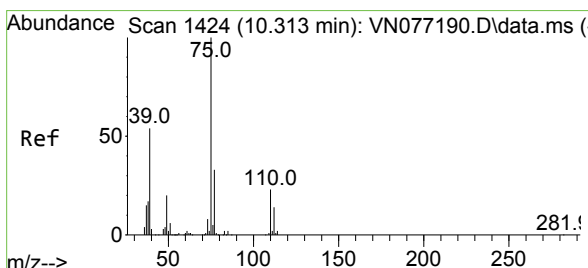
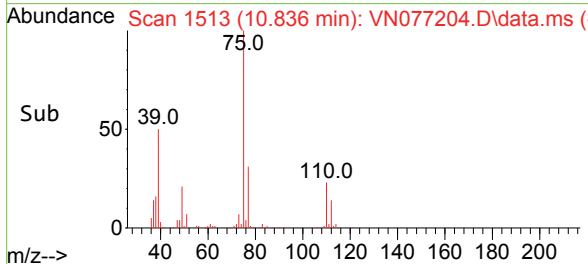
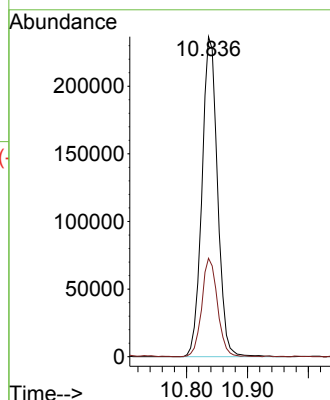
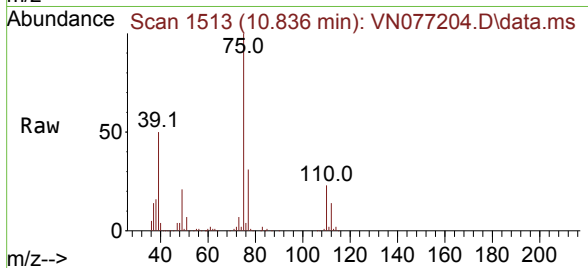




#53
t-1,3-Dichloropropene
Concen: 52.367 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

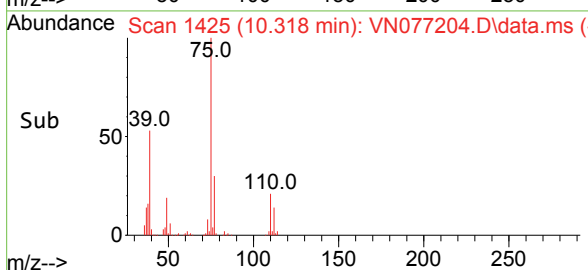
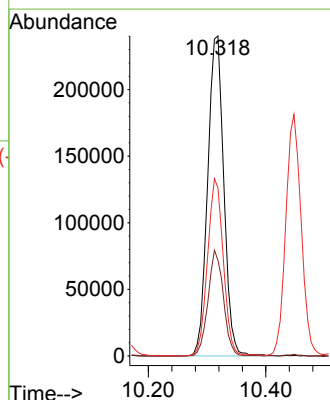
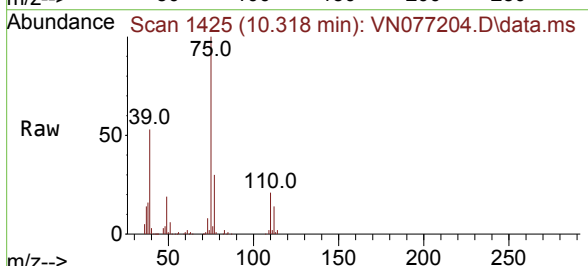
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

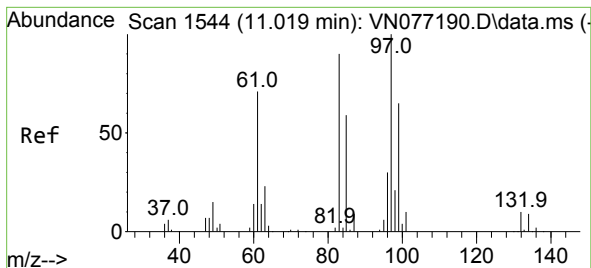
Tgt Ion: 75 Resp: 420473
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 52.068 ug/l
RT: 10.318 min Scan# 1425
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 75 Resp: 457529
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5
39 52.6 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 49.819 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 272983

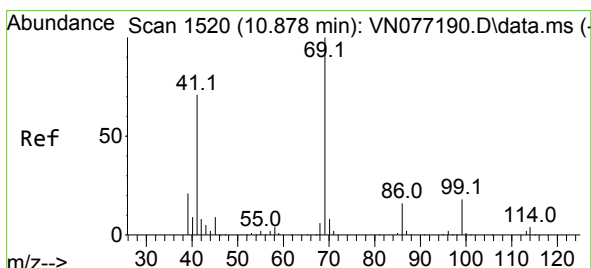
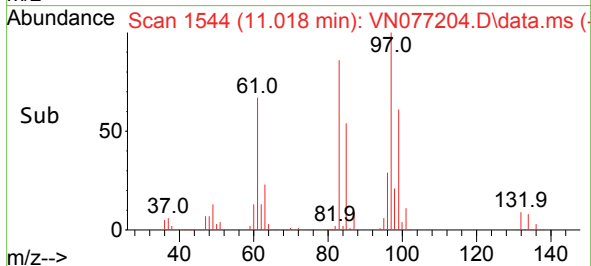
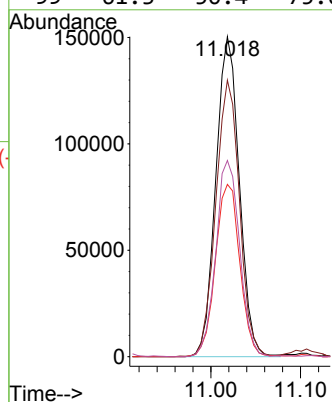
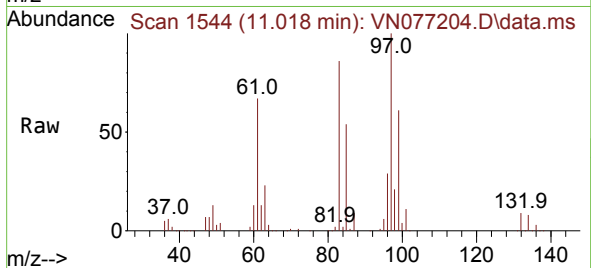
Ion Ratio Lower Upper

97 100

83 86.2 67.1 100.7

85 53.9 41.8 62.8

99 61.3 50.4 75.6



#56

Ethyl methacrylate

Concen: 53.963 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

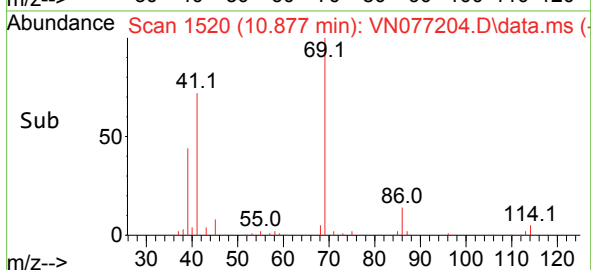
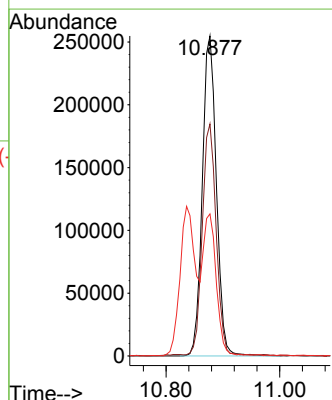
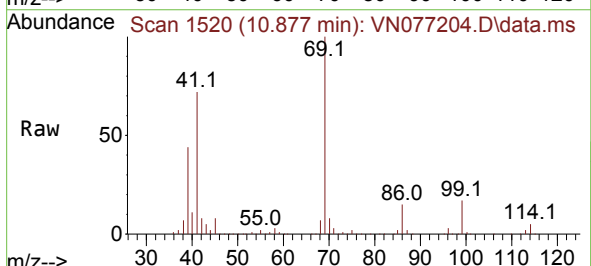
Tgt Ion: 69 Resp: 436501

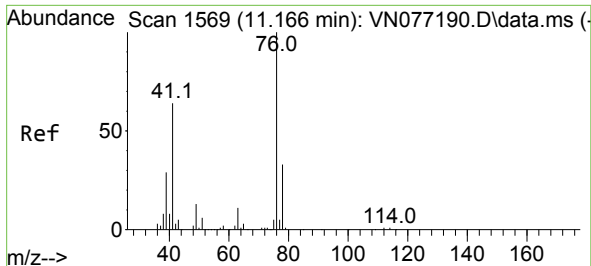
Ion Ratio Lower Upper

69 100

41 71.3 38.0 57.0#

39 40.5 22.4 33.6#





#57

1,3-Dichloropropane

Concen: 49.750 ug/l

RT: 11.165 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

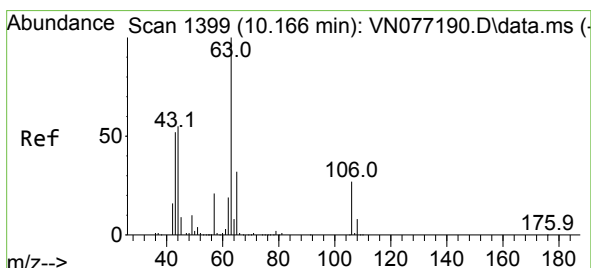
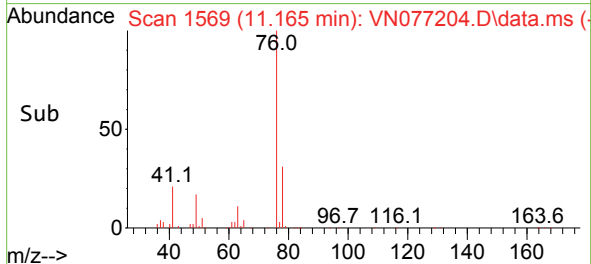
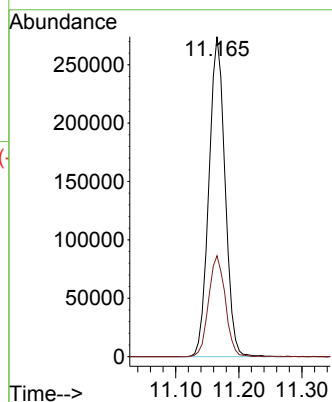
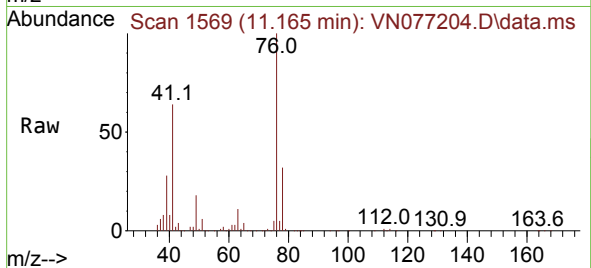
VSTDCCC050

Tgt Ion: 76 Resp: 485993

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.453 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VN077204.D

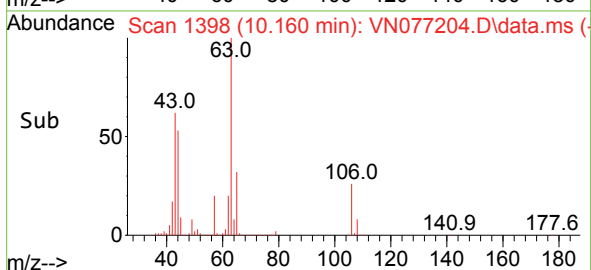
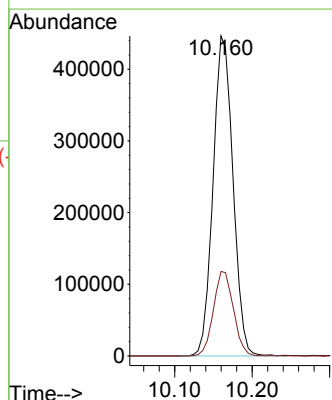
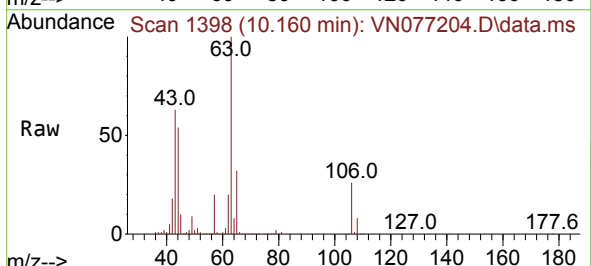
Acq: 27 Mar 2023 16:10

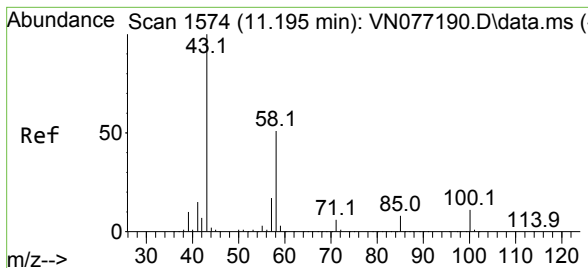
Tgt Ion: 63 Resp: 796580

Ion Ratio Lower Upper

63 100

106 26.5 25.6 38.4

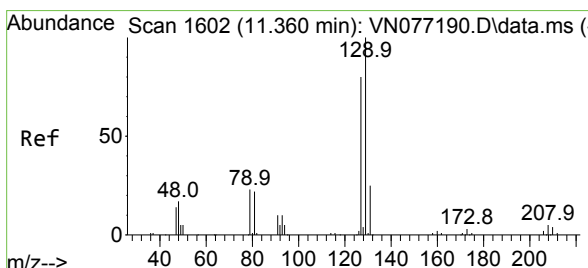
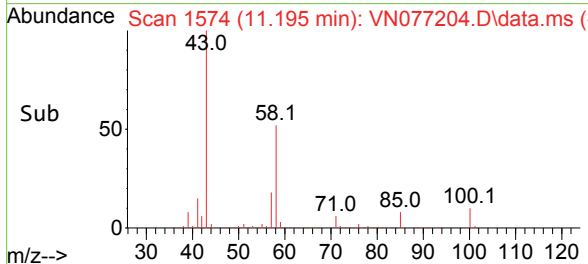
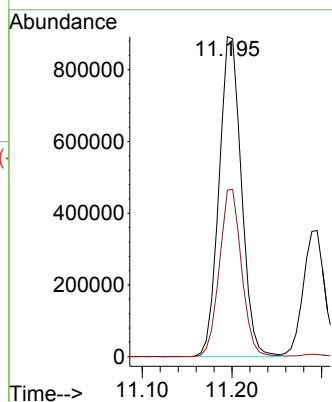
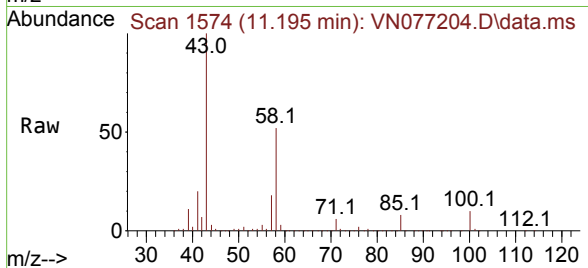




#59
2-Hexanone
Concen: 253.910 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

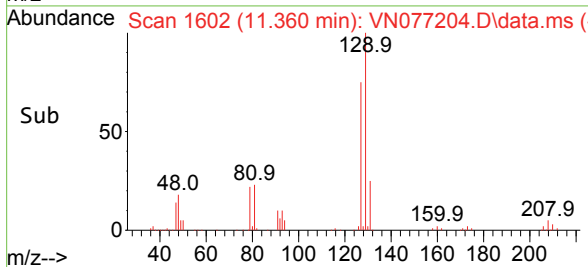
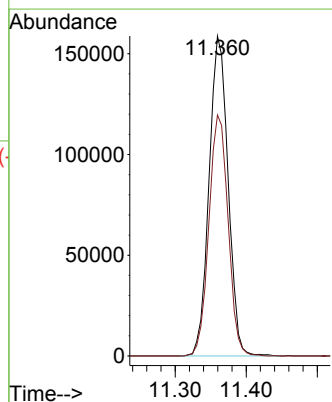
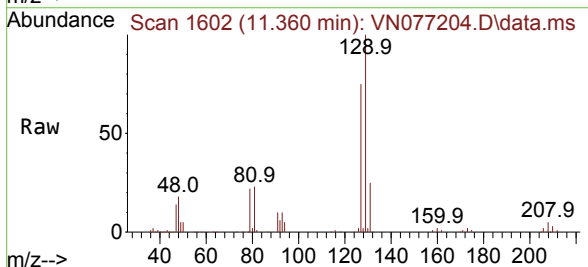
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

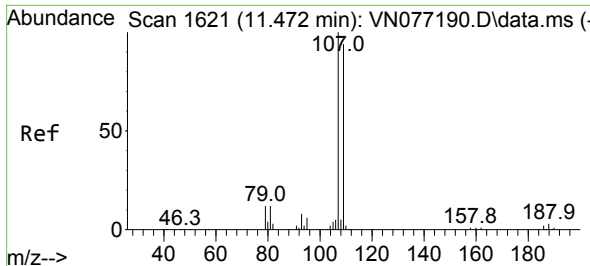
Tgt Ion: 43 Resp: 1541942
Ion Ratio Lower Upper
43 100
58 52.0 32.6 98.0



#60
Dibromochloromethane
Concen: 52.432 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:129 Resp: 295144
Ion Ratio Lower Upper
129 100
127 76.1 39.6 118.8

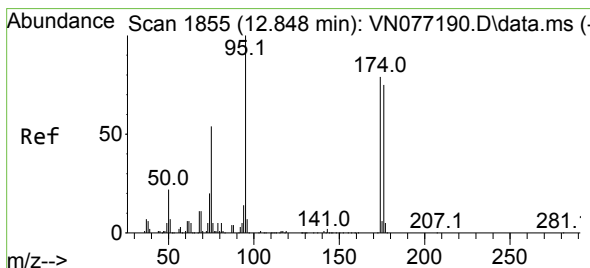
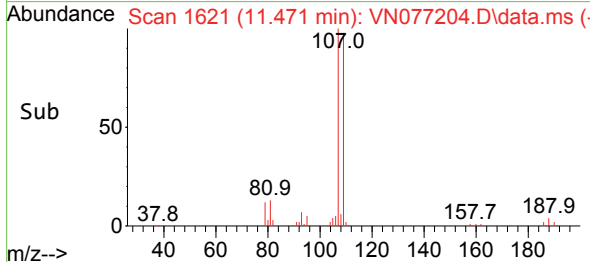
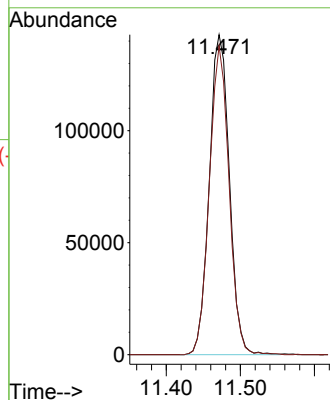
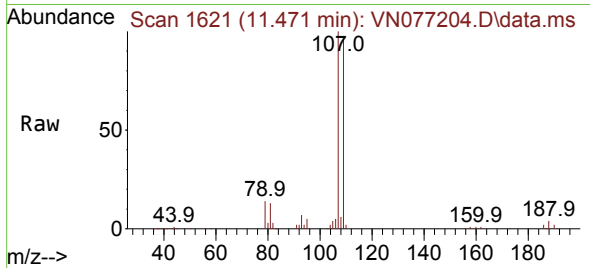




#61
1,2-Dibromoethane
Concen: 49.366 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

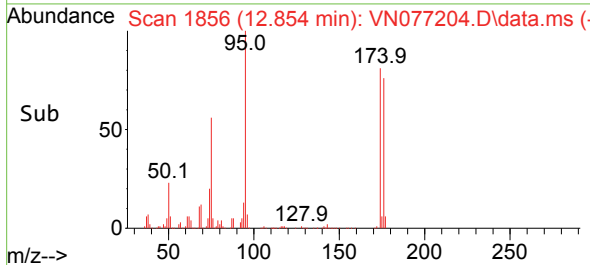
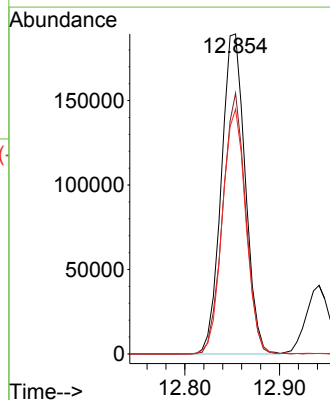
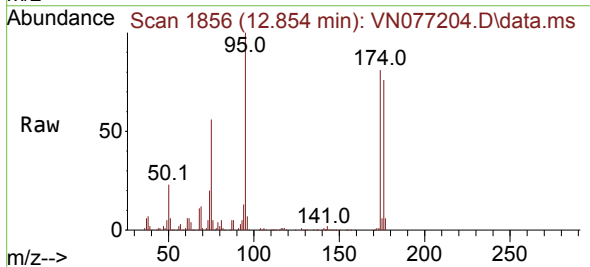
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

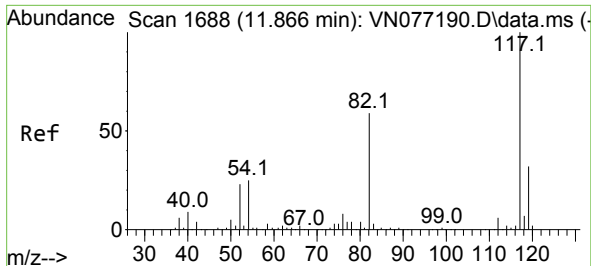
Tgt Ion:107 Resp: 268830
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.448 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 95 Resp: 332899
Ion Ratio Lower Upper
95 100
174 77.8 0.0 162.4
176 75.1 0.0 157.4

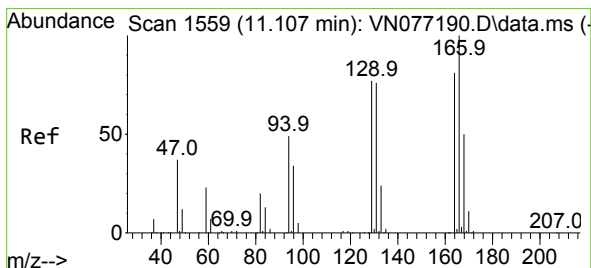
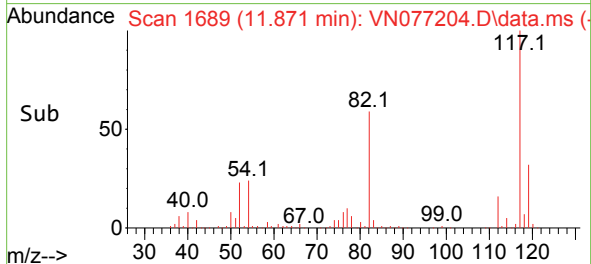
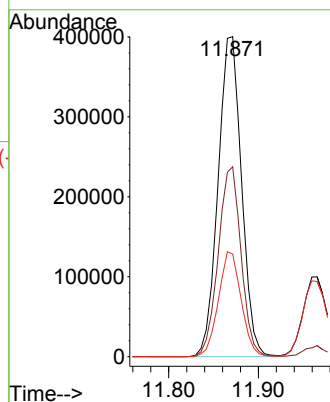
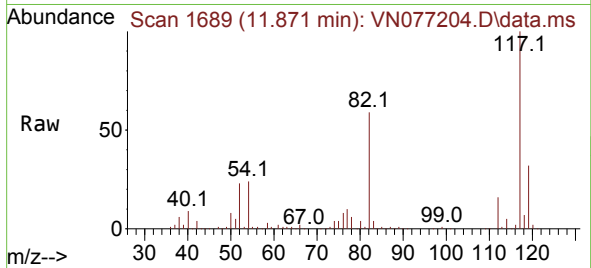




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

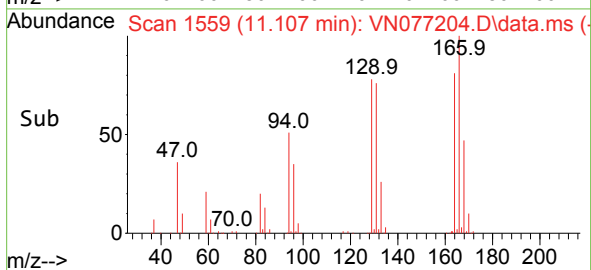
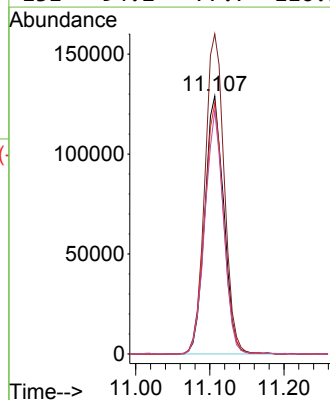
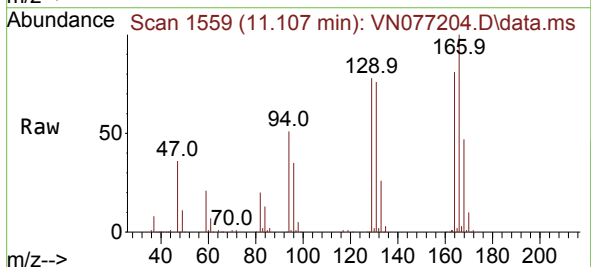
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

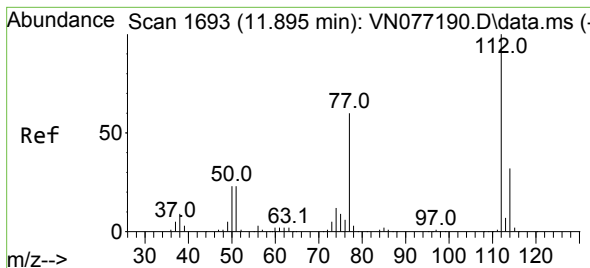
Tgt Ion:117 Resp: 726992
Ion Ratio Lower Upper
117 100
82 59.4 43.5 65.3
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 50.978 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:164 Resp: 229896
Ion Ratio Lower Upper
164 100
166 124.0 102.7 154.1
129 97.2 81.5 122.3
131 94.2 77.7 116.5

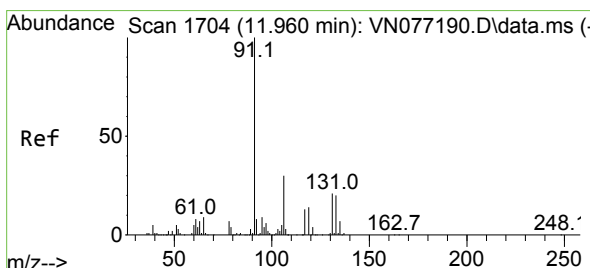
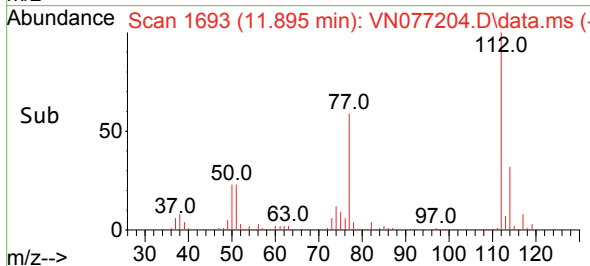
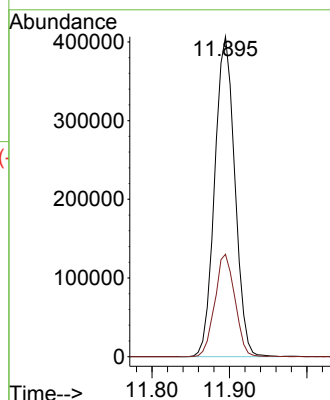
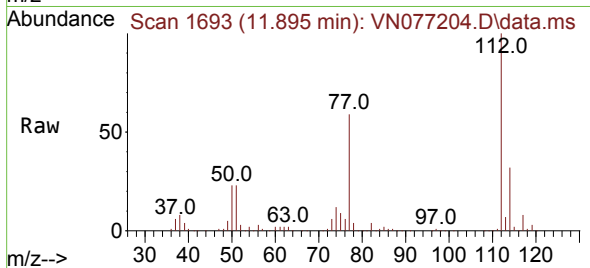




#65
Chlorobenzene
Concen: 50.028 ug/l
RT: 11.895 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

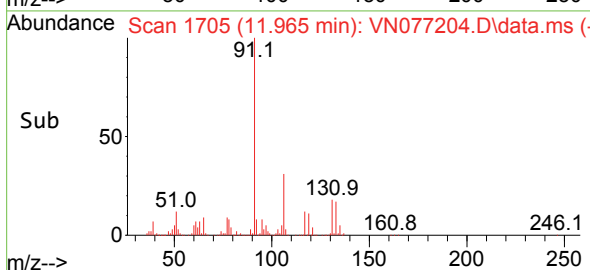
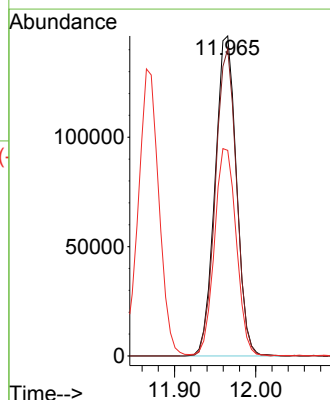
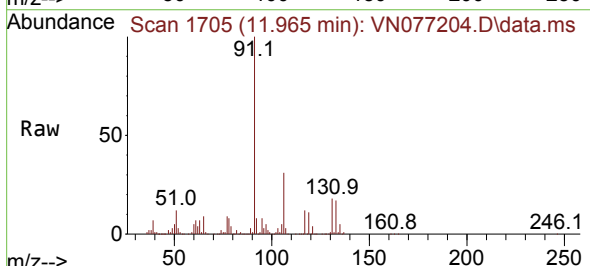
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

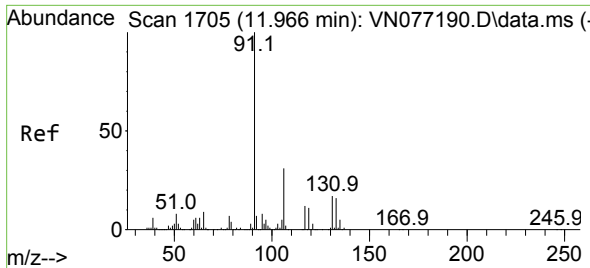
Tgt Ion:112 Resp: 732784
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.099 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. 0.005 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:131 Resp: 268089
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 66.3 33.1 99.2

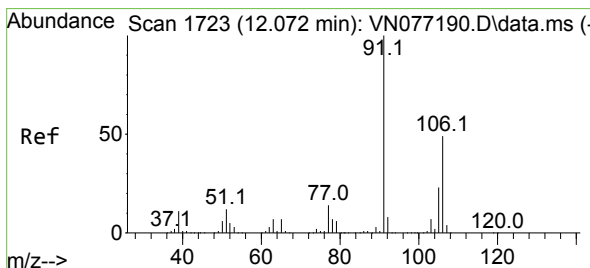
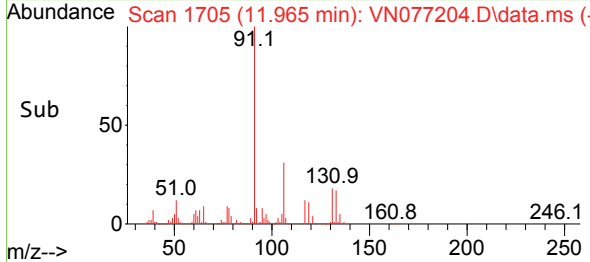
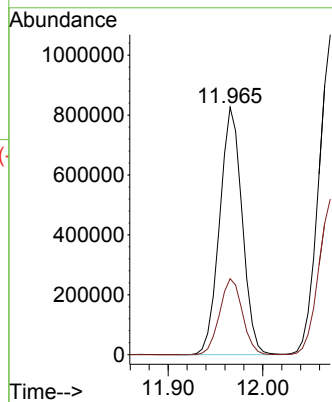
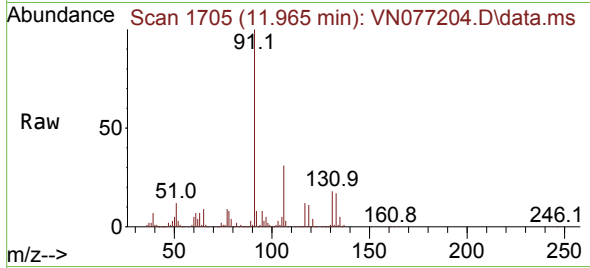




#67
Ethyl Benzene
Concen: 51.258 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

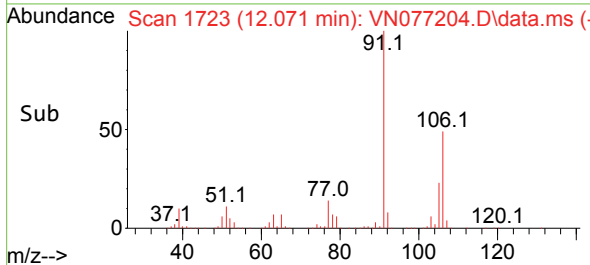
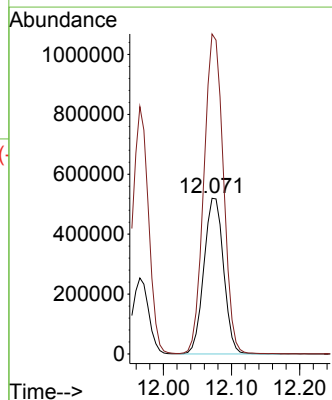
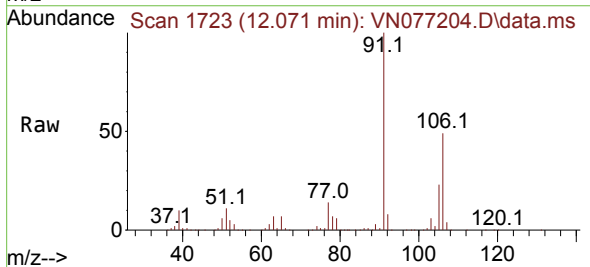
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

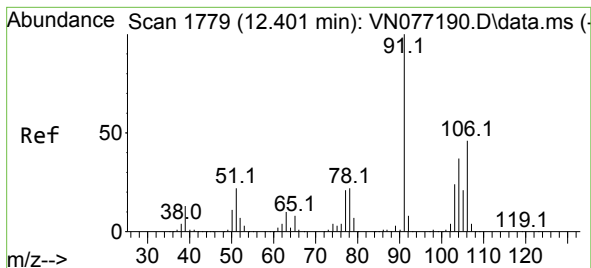
Tgt Ion: 91 Resp: 1365865
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7



#68
m/p-Xylenes
Concen: 103.047 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:106 Resp: 1044393
Ion Ratio Lower Upper
106 100
91 203.6 158.0 237.0





#69

o-Xylene

Concen: 52.445 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

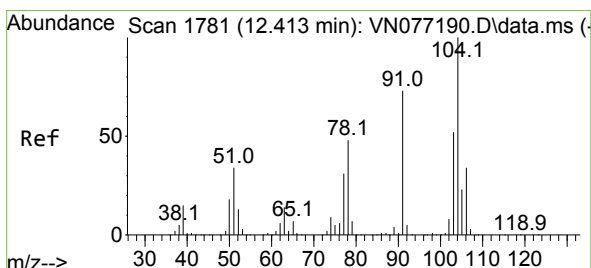
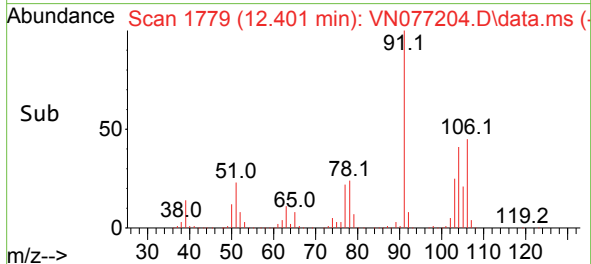
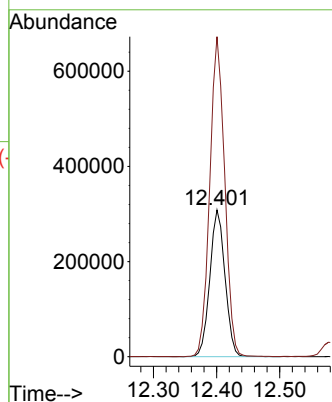
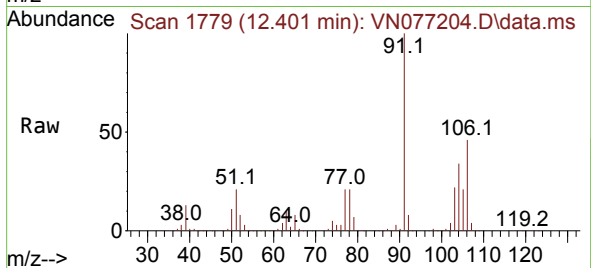
VSTDCCC050

Tgt Ion:106 Resp: 514729

Ion Ratio Lower Upper

106 100

91 214.9 101.8 305.4



#70

Styrene

Concen: 53.203 ug/l

RT: 12.412 min Scan# 1781

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

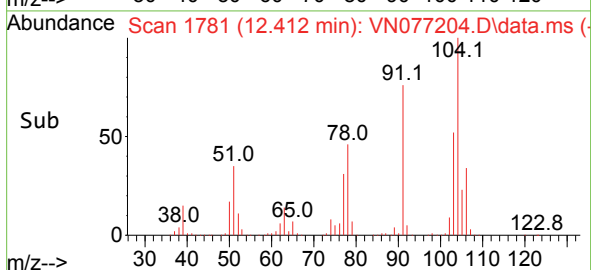
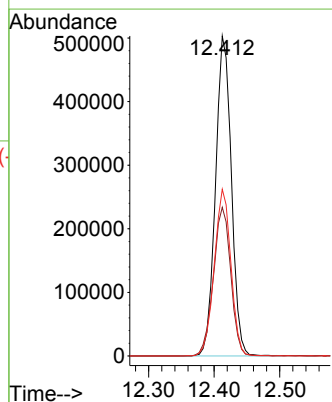
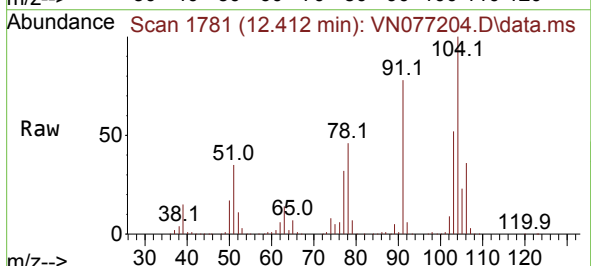
Tgt Ion:104 Resp: 843449

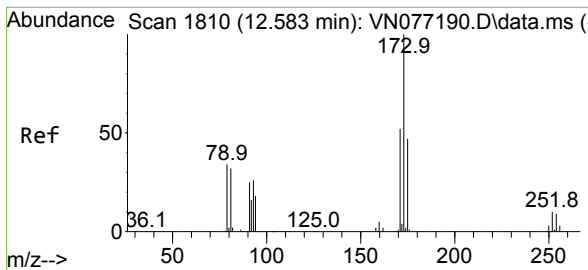
Ion Ratio Lower Upper

104 100

78 50.8 36.6 55.0

103 54.7 43.4 65.0

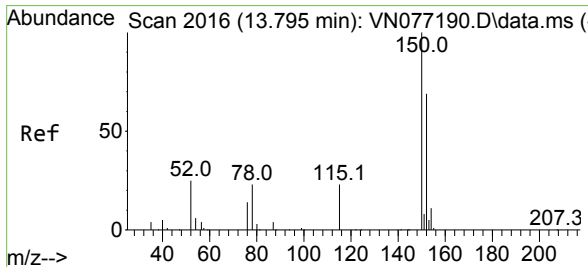
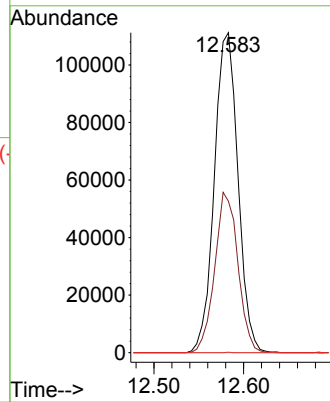
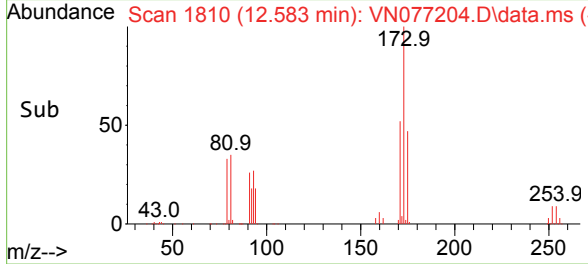
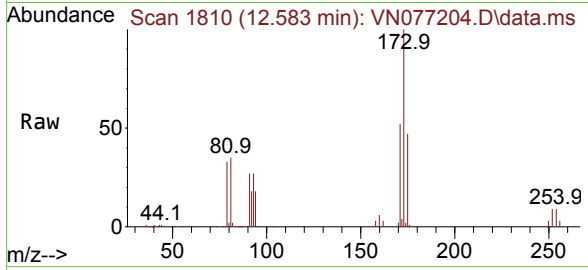




#71
Bromoform
Concen: 51.245 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

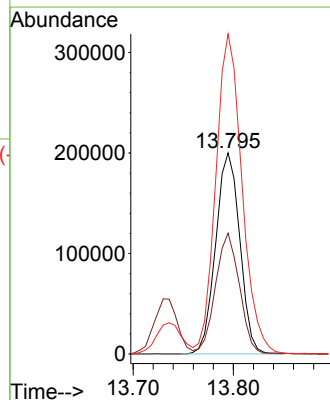
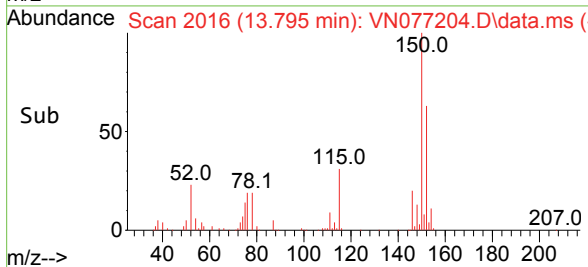
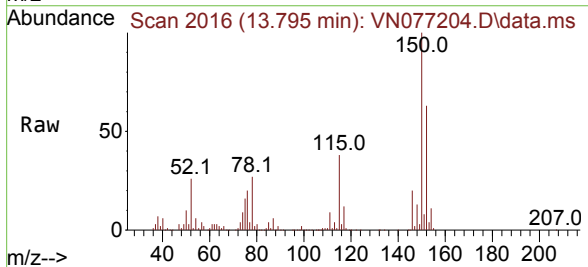
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

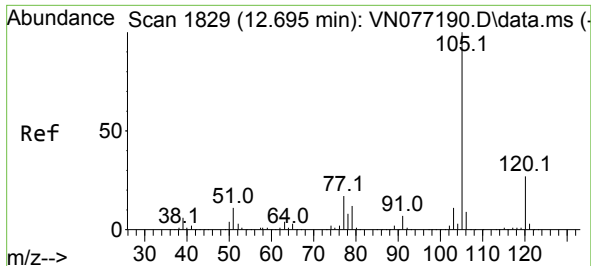
Tgt Ion:173 Resp: 203119
Ion Ratio Lower Upper
173 100
175 49.3 24.9 74.6
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:152 Resp: 334235
Ion Ratio Lower Upper
152 100
115 59.8 30.3 90.9
150 172.6 0.0 353.6

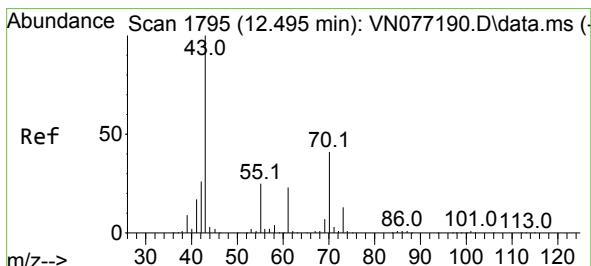
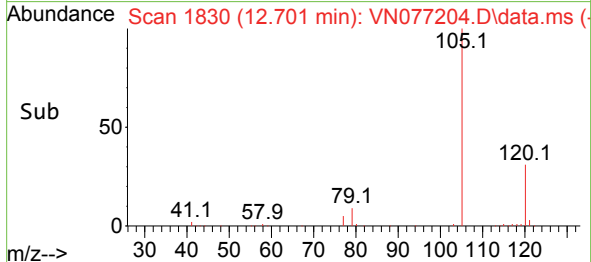
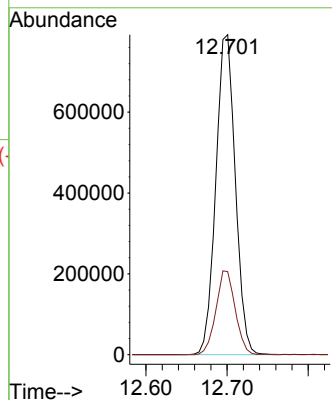
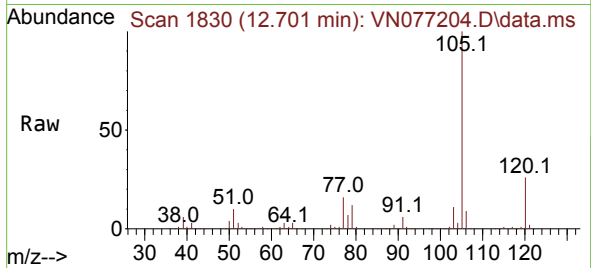




#73
Isopropylbenzene
Concen: 50.248 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

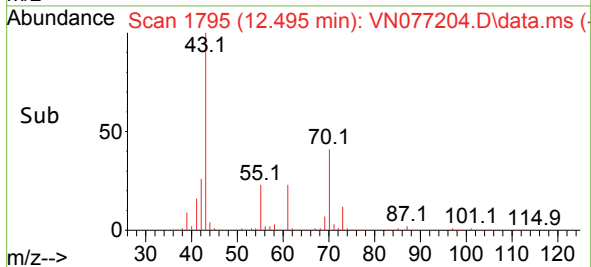
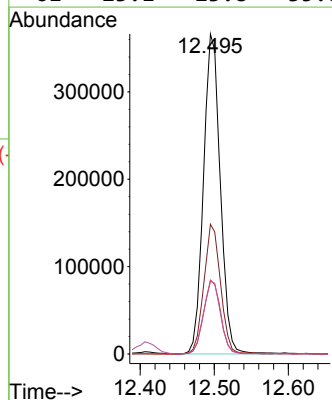
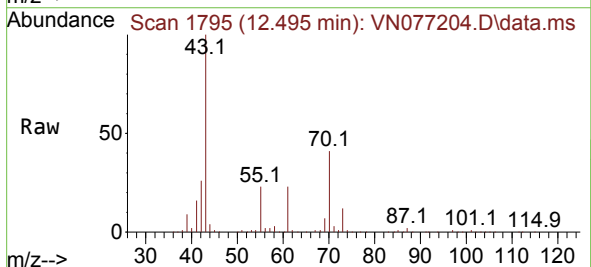
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

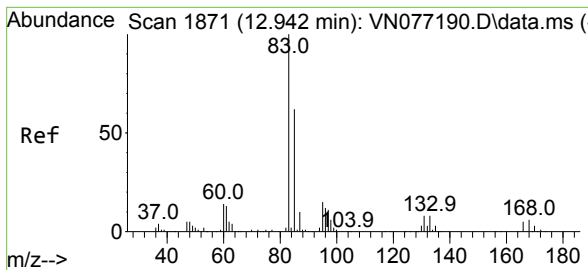
Tgt Ion:105 Resp: 1321398
Ion Ratio Lower Upper
105 100
120 26.0 13.8 41.4



#74
N-ethyl acetate
Concen: 50.348 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 43 Resp: 576948
Ion Ratio Lower Upper
43 100
70 40.2 46.8 70.2#
55 23.9 23.4 35.2
61 23.1 23.8 35.8#

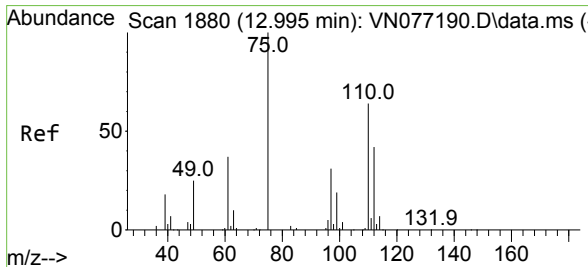
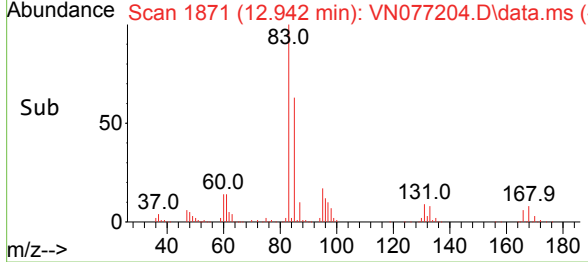
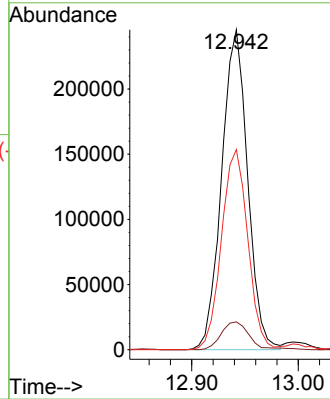
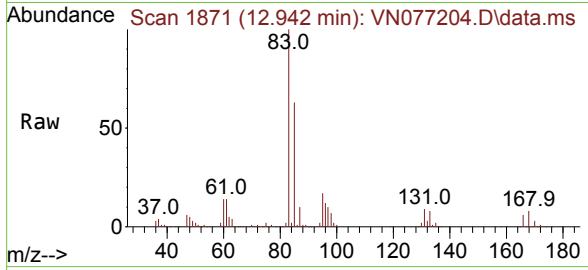




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.341 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

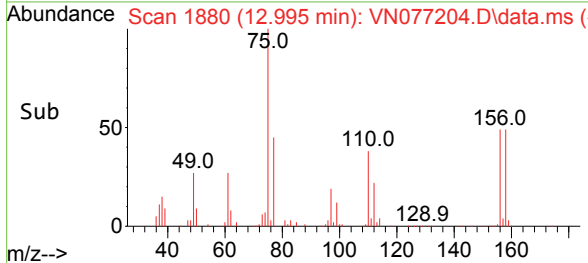
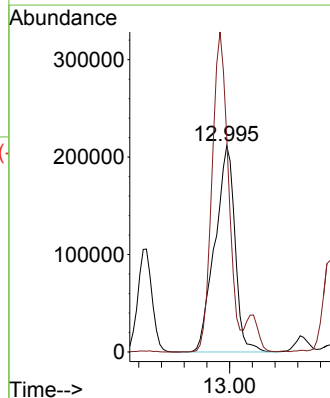
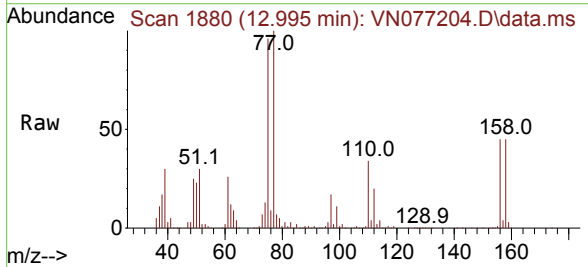
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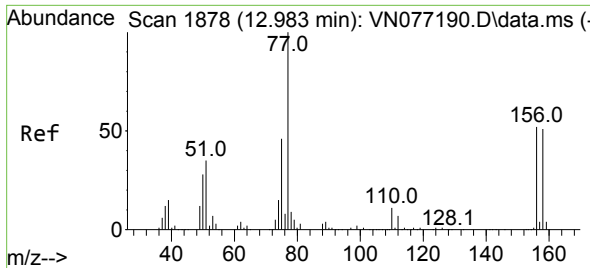
Tgt Ion: 83 Resp: 415843
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.3 16.1
 85 63.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 76.827 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Tgt Ion: 75 Resp: 520902
 Ion Ratio Lower Upper
 75 100
 77 126.6 93.8 281.4

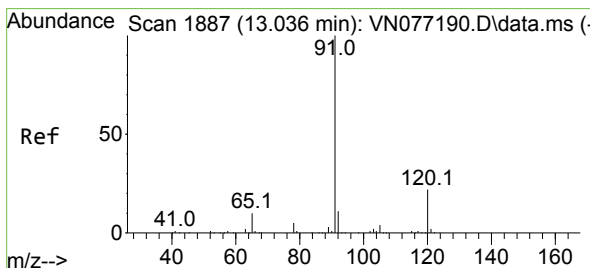
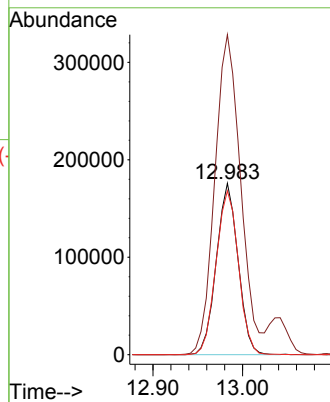
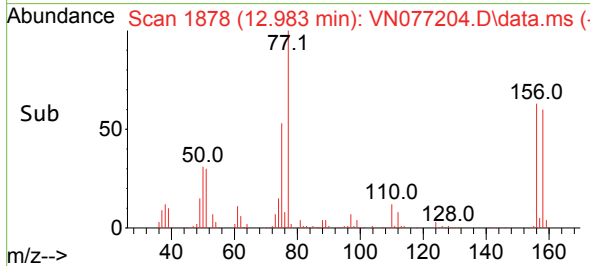
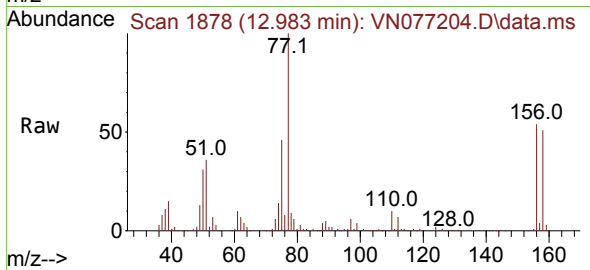




#77
Bromobenzene
Concen: 48.853 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

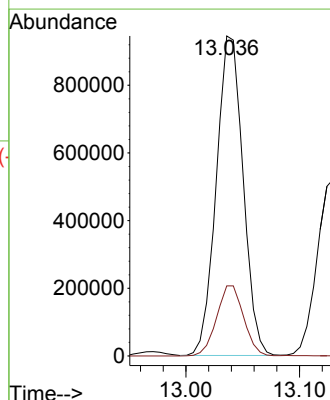
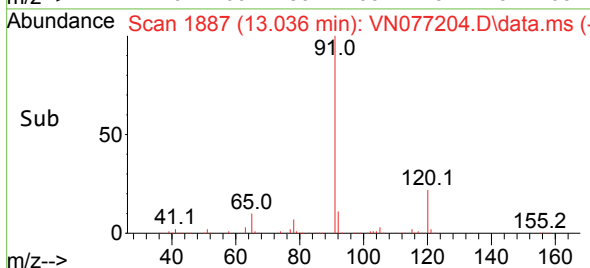
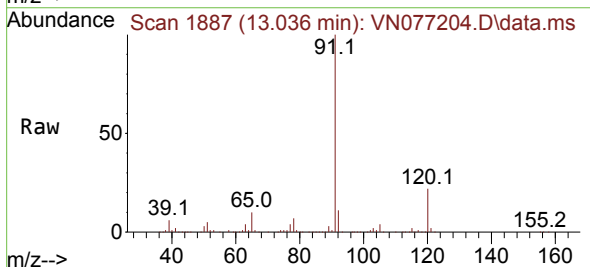
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

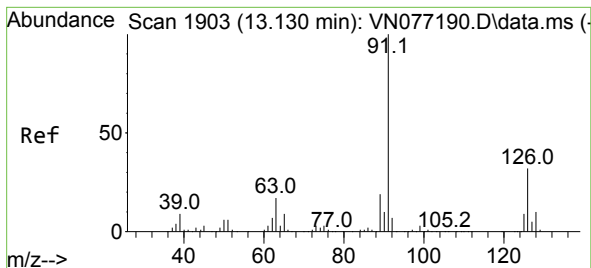
Tgt Ion:156 Resp: 295762
Ion Ratio Lower Upper
156 100
77 222.9 101.3 303.7
158 98.6 48.9 146.7



#78
n-propylbenzene
Concen: 51.054 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 91 Resp: 1548370
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.7

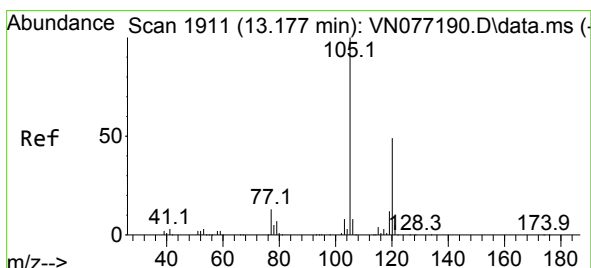
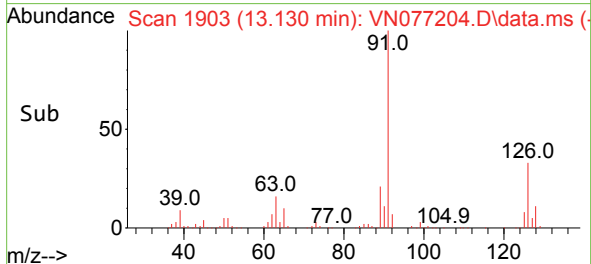
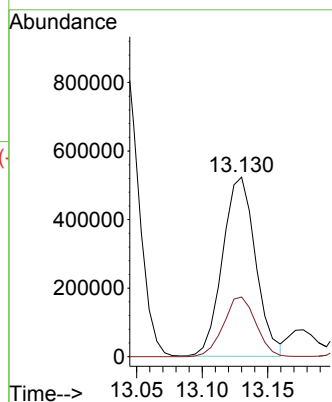
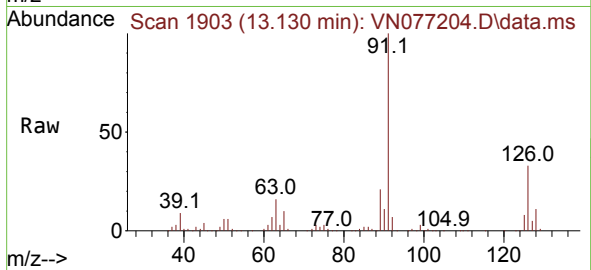




#79
2-Chlorotoluene
Concen: 49.198 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

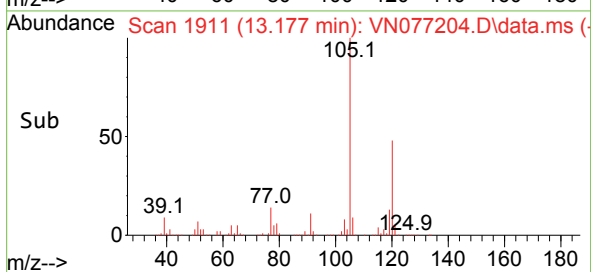
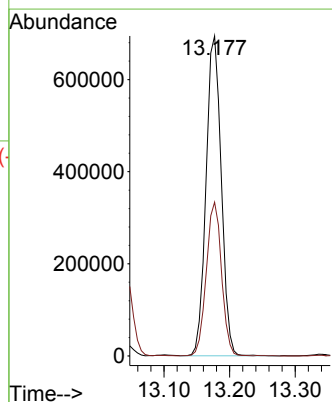
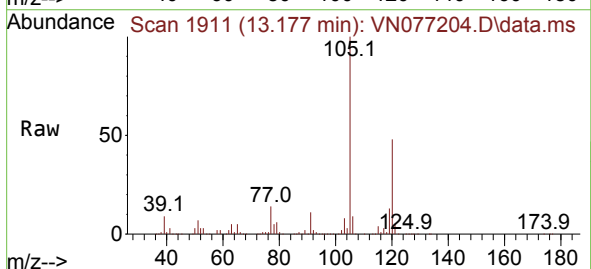
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

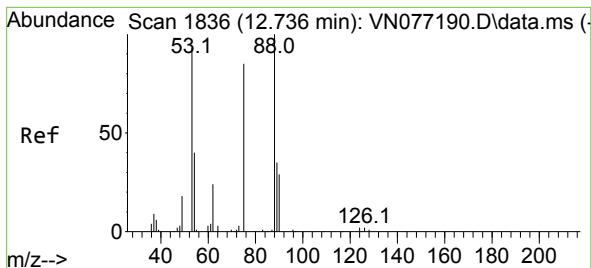
Tgt Ion: 91 Resp: 917526
Ion Ratio Lower Upper
91 100
126 32.8 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 51.230 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 105 Resp: 1121908
Ion Ratio Lower Upper
105 100
120 48.0 25.2 75.6

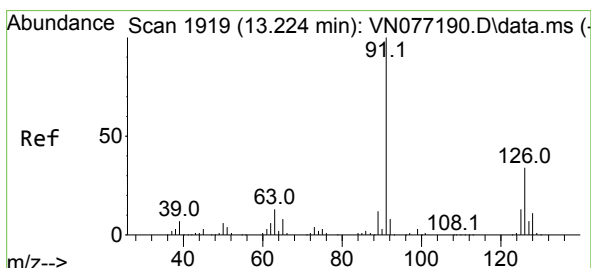
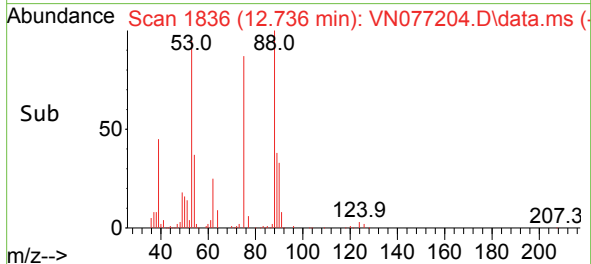
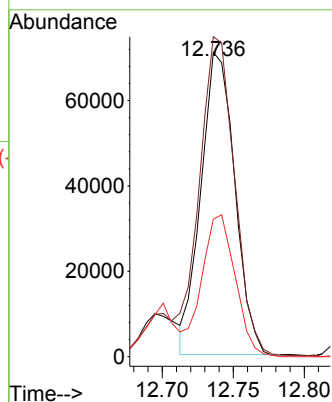
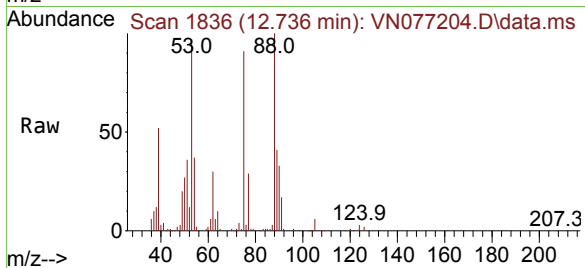




#81
trans-1,4-Dichloro-2-butene
Concen: 49.915 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

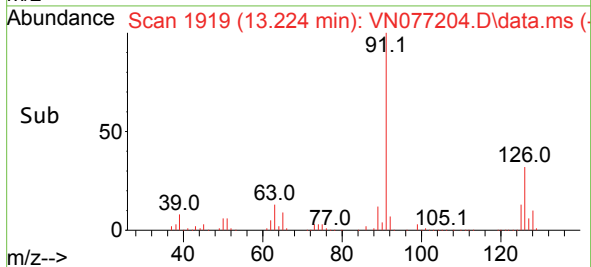
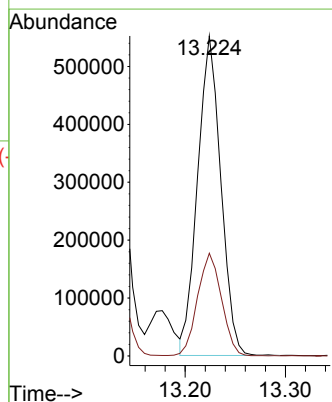
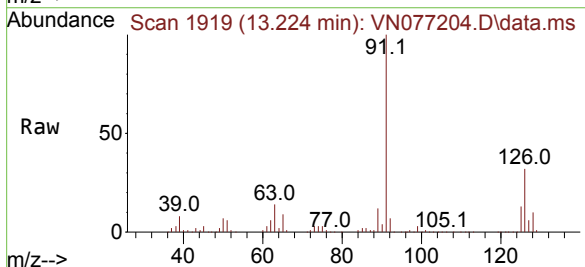
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

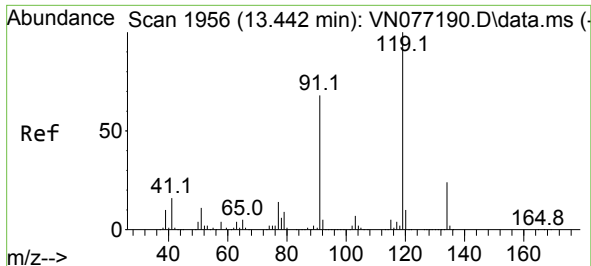
Tgt Ion: 75 Resp: 117425
Ion Ratio Lower Upper
75 100
53 125.0 67.4 101.0#
89 46.8 39.5 59.3



#82
4-Chlorotoluene
Concen: 50.221 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 91 Resp: 889005
Ion Ratio Lower Upper
91 100
126 33.2 18.0 54.0

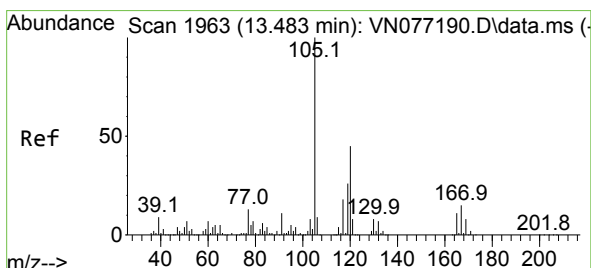
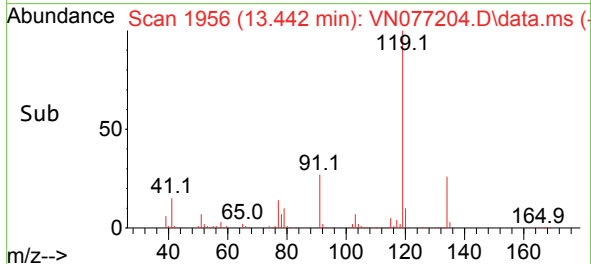
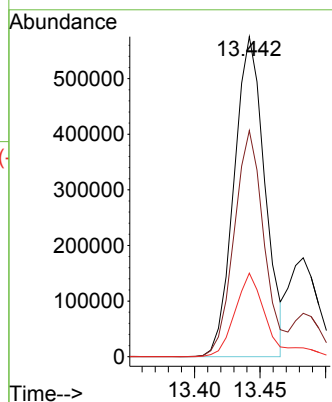
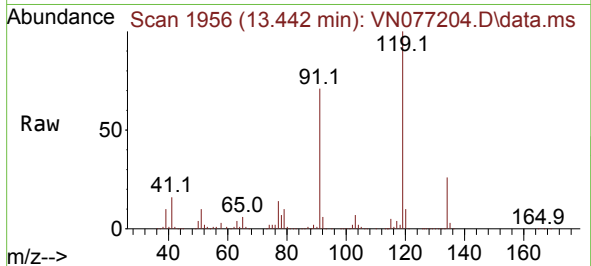




#83
tert-Butylbenzene
Concen: 50.786 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

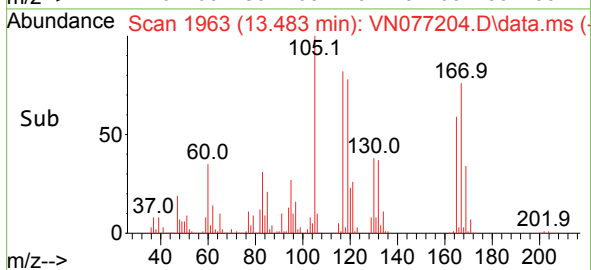
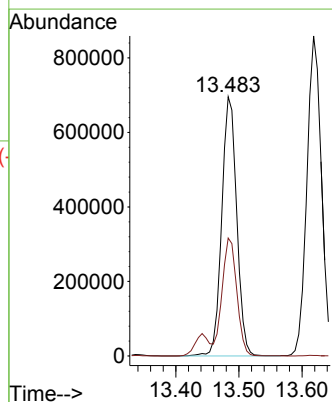
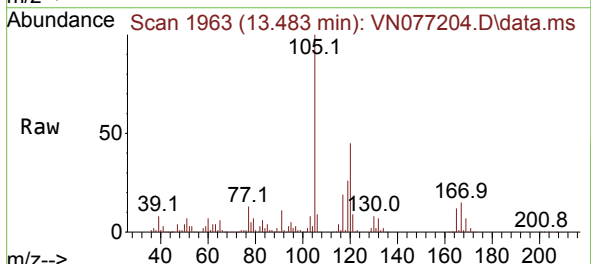
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

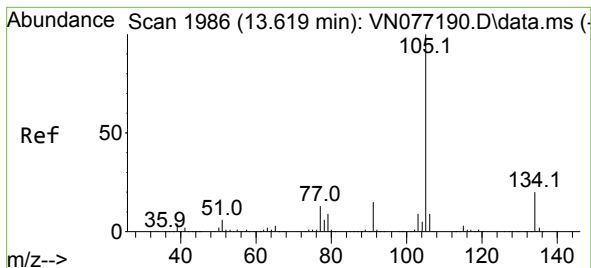
Tgt Ion:119 Resp: 940661
Ion Ratio Lower Upper
119 100
91 69.2 31.9 95.5
134 27.0 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 53.149 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:105 Resp: 1143820
Ion Ratio Lower Upper
105 100
120 44.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 52.064 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

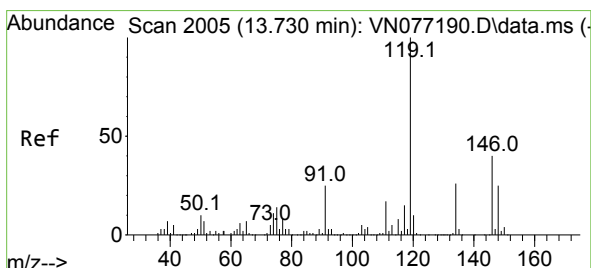
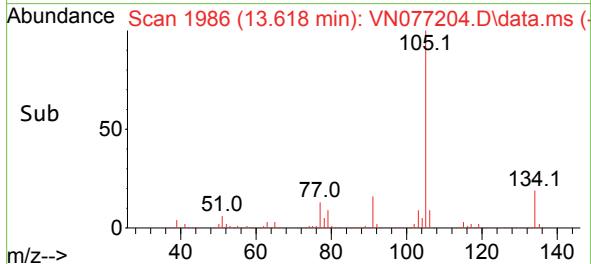
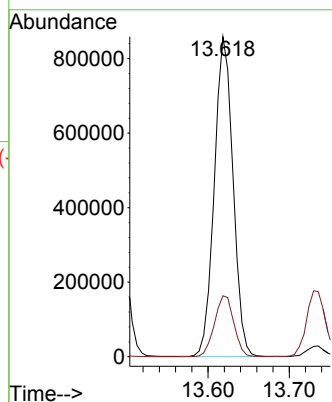
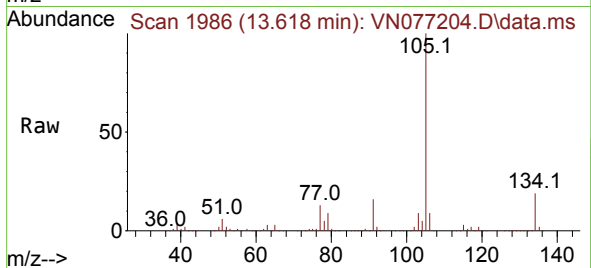
VSTDCCC050

Tgt Ion:105 Resp: 1375408

Ion Ratio Lower Upper

105 100

134 19.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 53.725 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077204.D

Acq: 27 Mar 2023 16:10

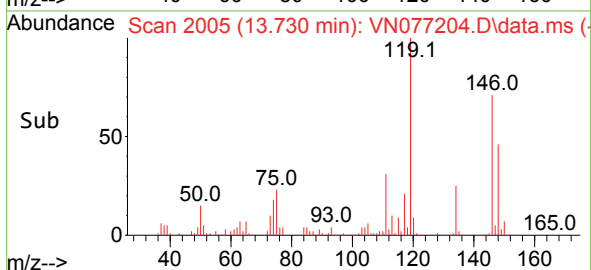
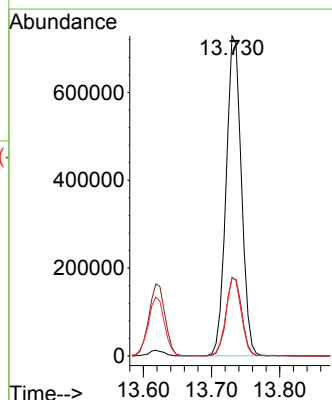
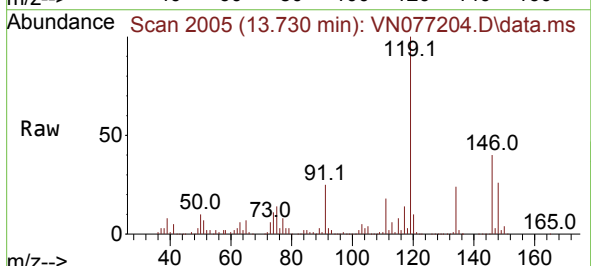
Tgt Ion:119 Resp: 1136699

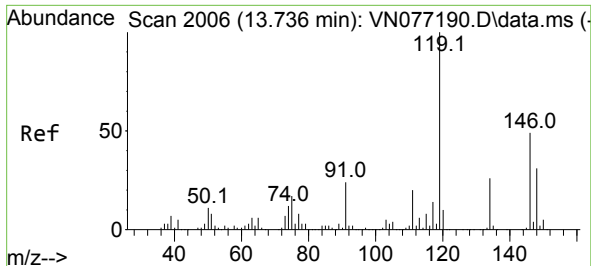
Ion Ratio Lower Upper

119 100

134 25.1 13.5 40.5

91 24.6 11.2 33.6

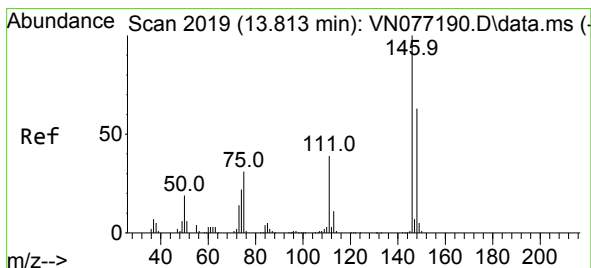
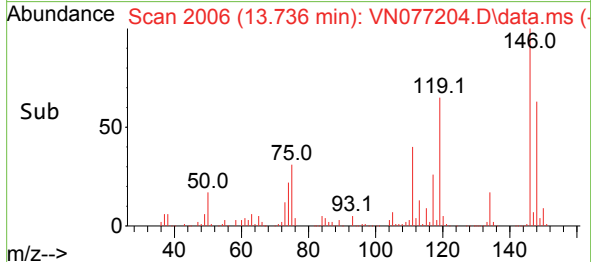
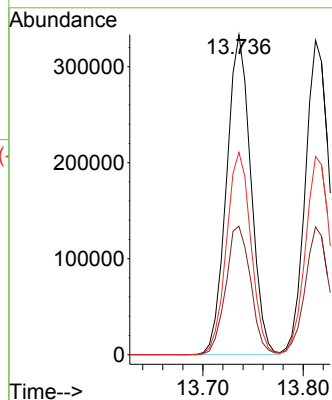
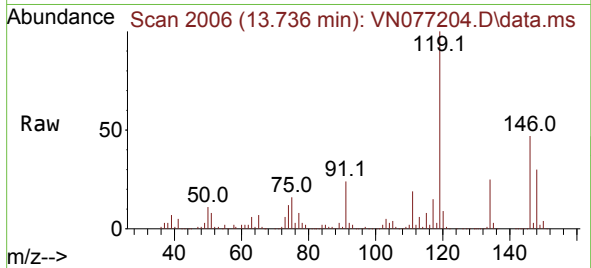




#87
 1,3-Dichlorobenzene
 Concen: 51.422 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

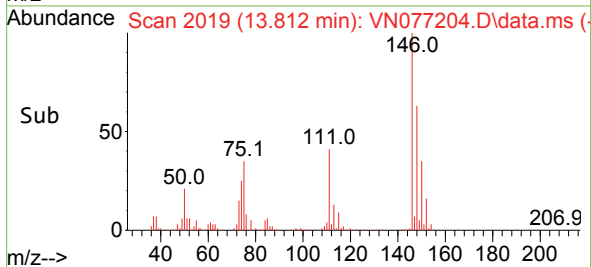
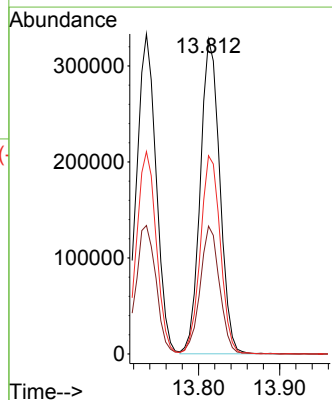
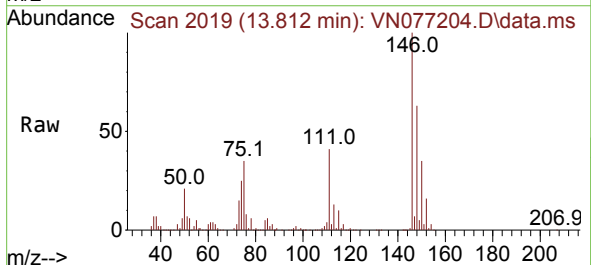
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

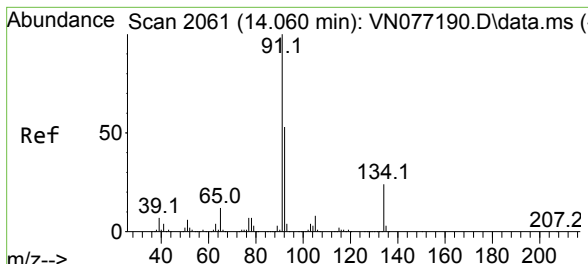
Tgt Ion:146 Resp: 561893
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 63.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 50.019 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Tgt Ion:146 Resp: 546654
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 64.4 31.8 95.4



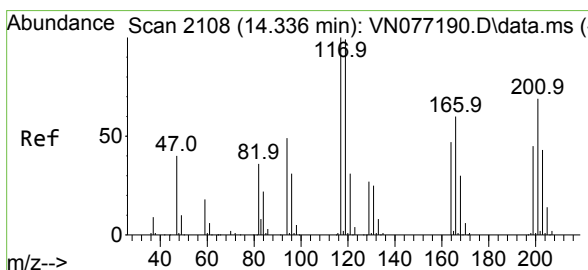
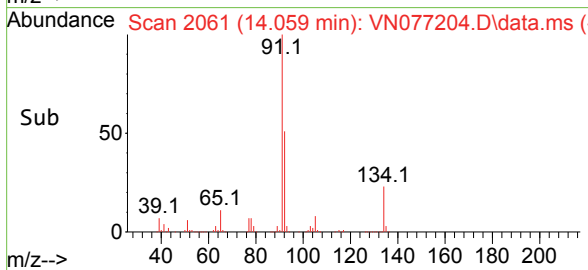
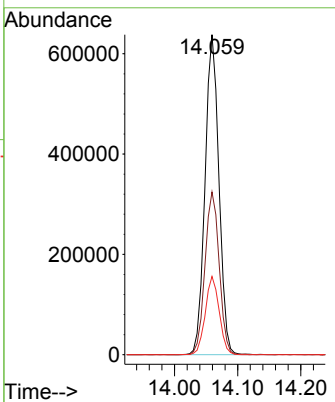
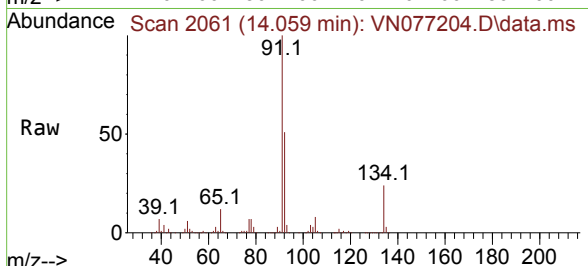


#89
 n-Butylbenzene
 Concen: 56.088 ug/l
 RT: 14.059 min Scan# 2061
 Delta R.T. -0.001 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 972892

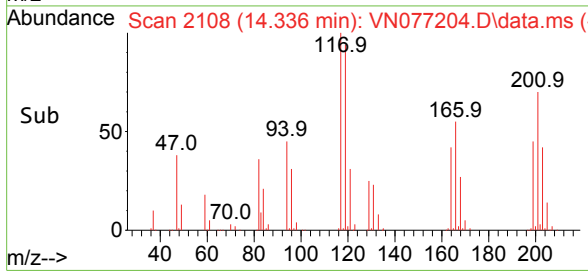
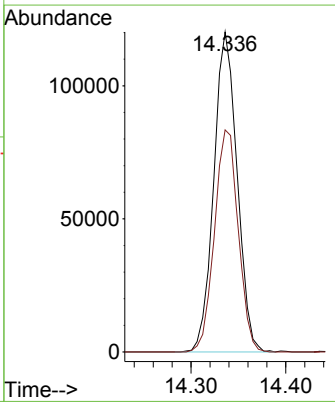
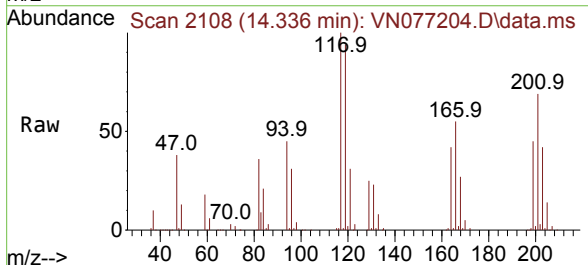
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	24.5	13.6	40.7

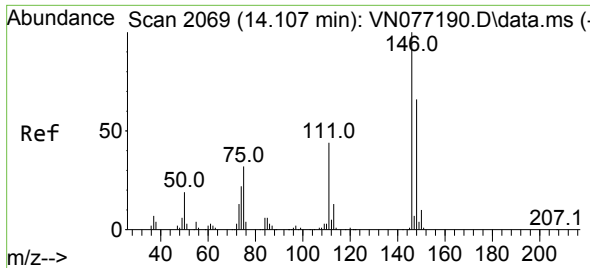


#90
 Hexachloroethane
 Concen: 52.164 ug/l
 RT: 14.336 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Tgt Ion: 117 Resp: 205673

Ion	Ratio	Lower	Upper
117	100		
201	70.7	31.9	95.7

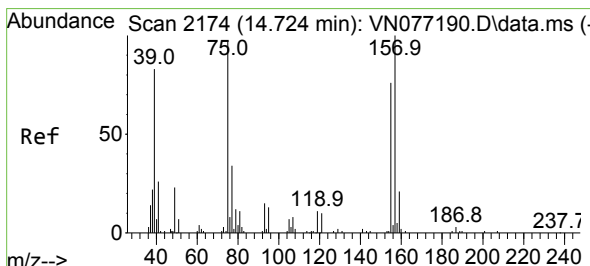
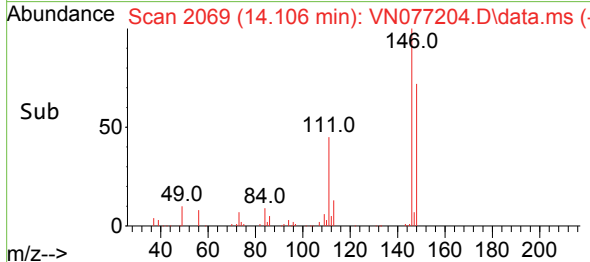
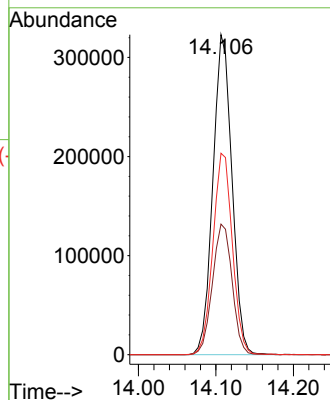
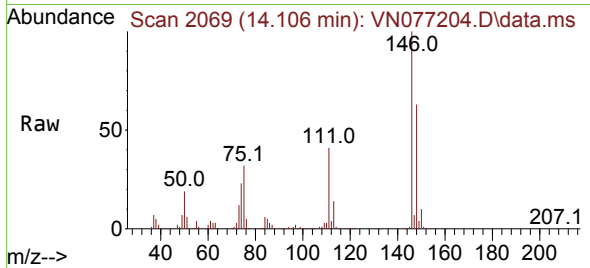




#91
1,2-Dichlorobenzene
Concen: 50.627 ug/l
RT: 14.106 min Scan# 2069
Delta R.T. -0.001 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

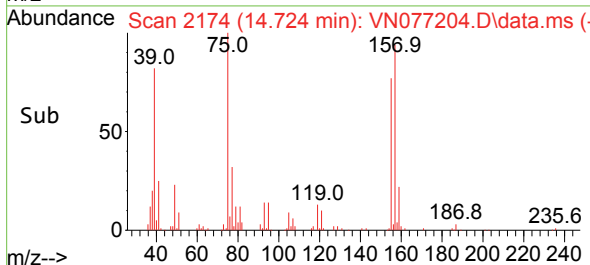
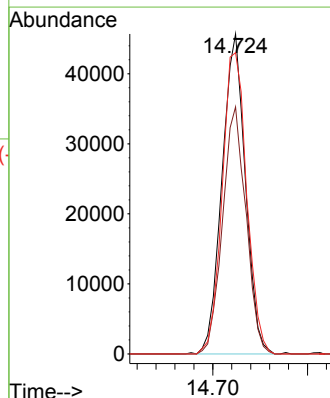
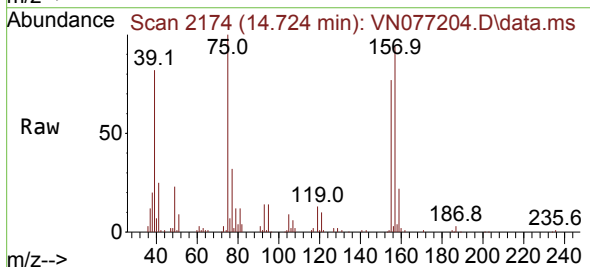
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

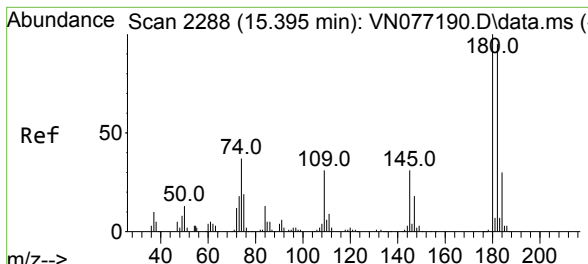
Tgt Ion:146 Resp: 551771
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.292 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 75 Resp: 78170
Ion Ratio Lower Upper
75 100
155 77.4 44.3 132.8
157 99.0 58.3 174.8

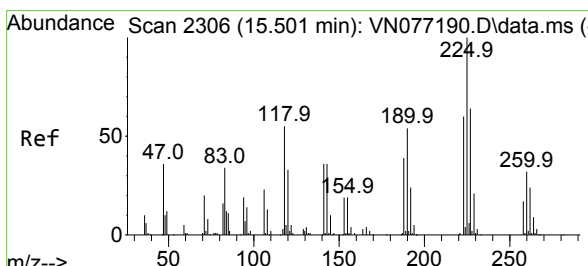
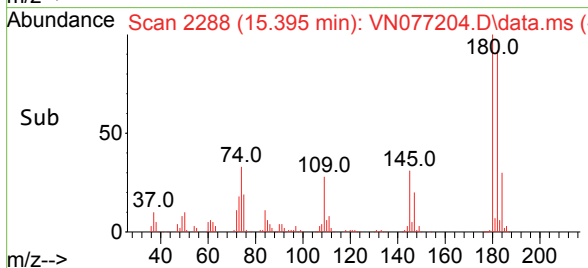
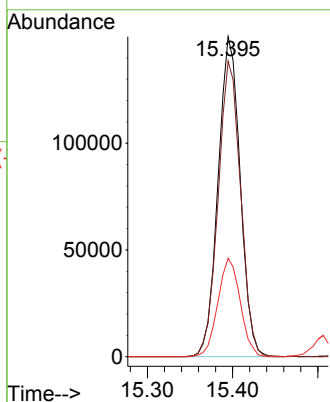
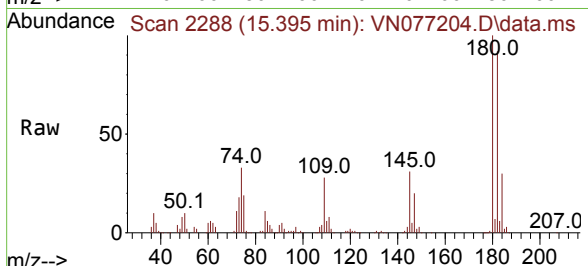




#93
 1,2,4-Trichlorobenzene
 Concen: 50.702 ug/l
 RT: 15.395 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

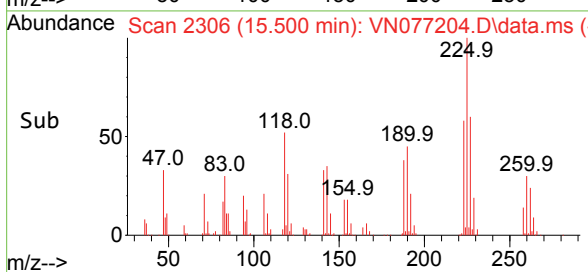
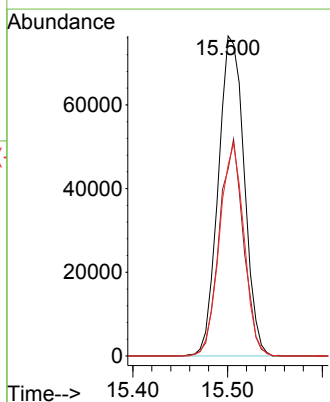
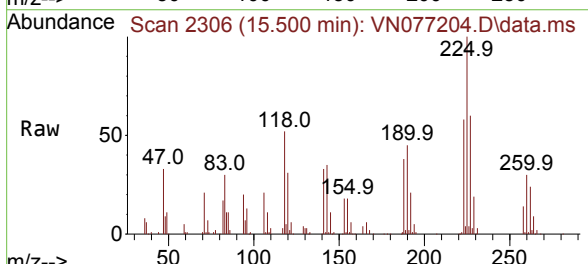
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

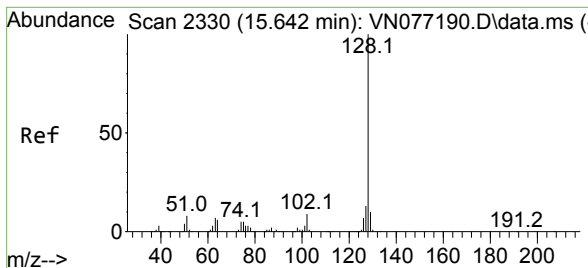
Tgt Ion:180 Resp: 269444
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.4 142.2
 145 31.2 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 52.556 ug/l
 RT: 15.500 min Scan# 2306
 Delta R.T. -0.001 min
 Lab File: VN077204.D
 Acq: 27 Mar 2023 16:10

Tgt Ion:225 Resp: 145300
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.0
 227 62.9 30.9 92.7

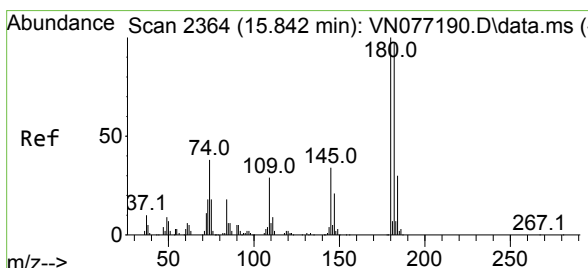
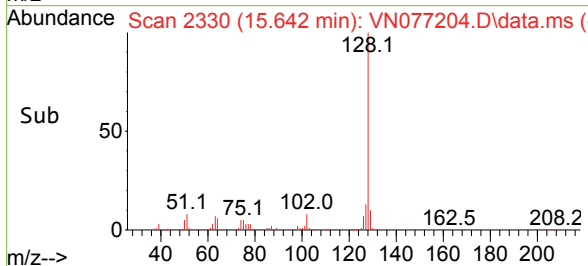
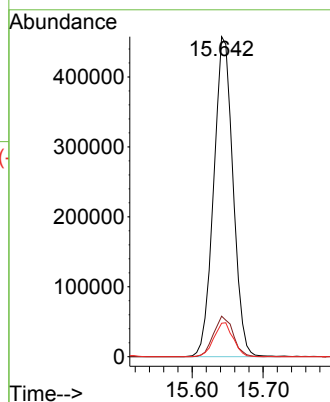
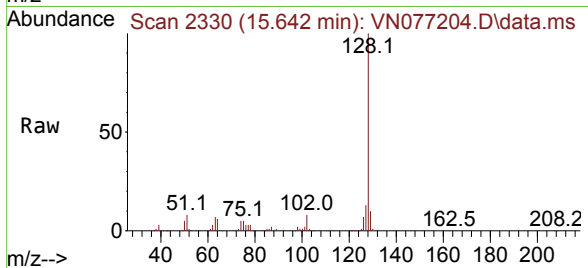




#95
Naphthalene
Concen: 48.411 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 863201
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.983 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077204.D
Acq: 27 Mar 2023 16:10

Tgt Ion:180 Resp: 261266
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 32.6 17.0 51.0

