

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079558.D
 Acq On : 12 Oct 2023 20:23
 Operator : JC\MD
 Sample : 04880-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 13 01:26:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

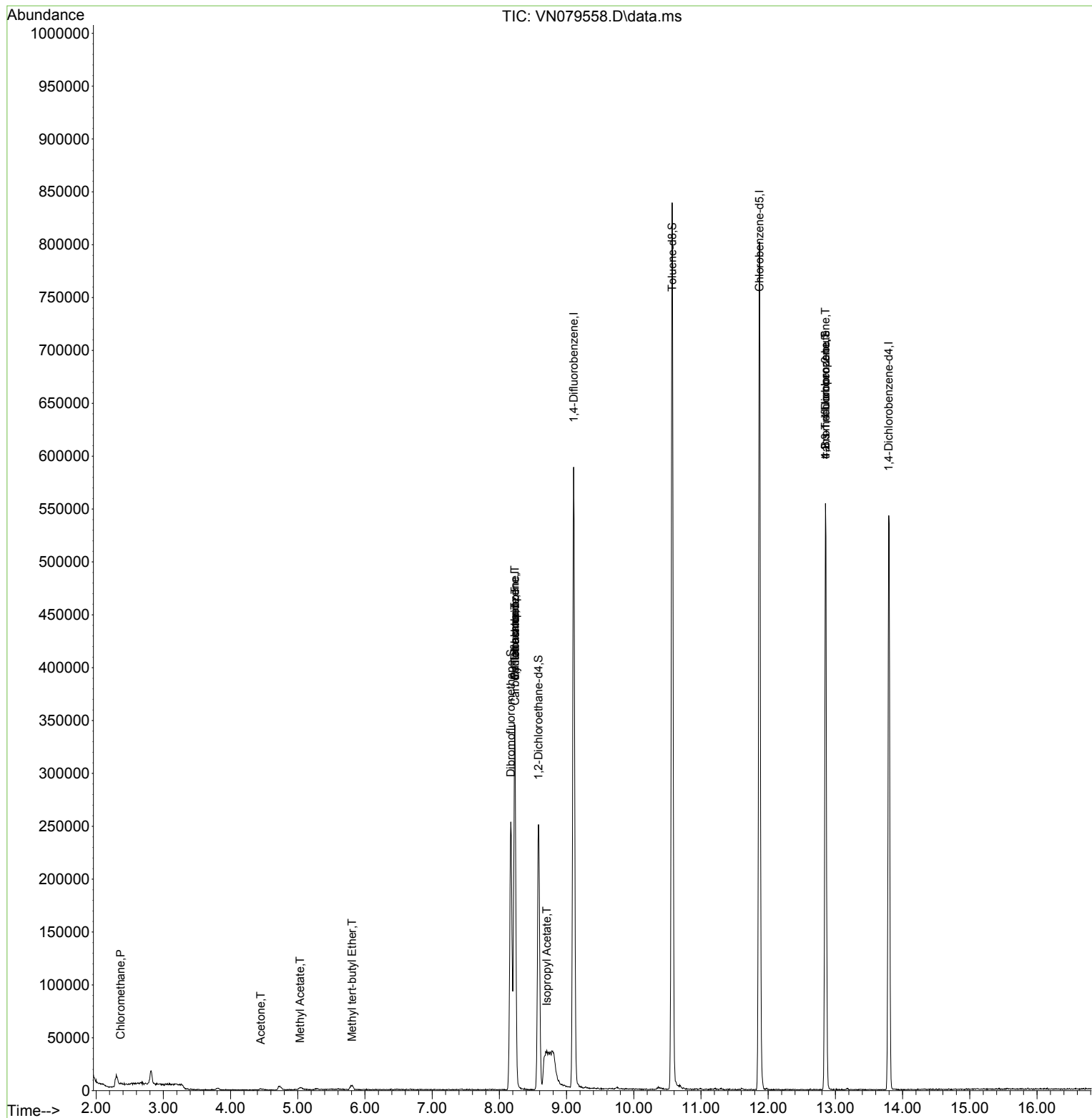
Internal Standards						
1) Pentafluorobenzene	8.230	168	235467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	491606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	452319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205748	53.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.780%			
35) Dibromofluoromethane	8.171	113	179251	50.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.571	98	563249	44.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.120%			
62) 4-Bromofluorobenzene	12.853	95	182436	44.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.940%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1085	0.258	ug/l #	80
16) Acetone	4.447	43	2136	1.411	ug/l #	40
18) Methyl Acetate	5.036	43	2772	0.374	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	5938	0.657	ug/l	91
20) Methylene Chloride	5.289	84	548	Below Cal	#	37
31) Cyclohexane	8.230	56	6630	1.224	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	22254	4.197	ug/l #	47
38) Carbon Tetrachloride	8.235	117	26740	5.038	ug/l #	16
43) Isopropyl Acetate	8.706	43	59269	6.412	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.865	83	168	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	103577	25.069	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	103577	72.739	ug/l #	15

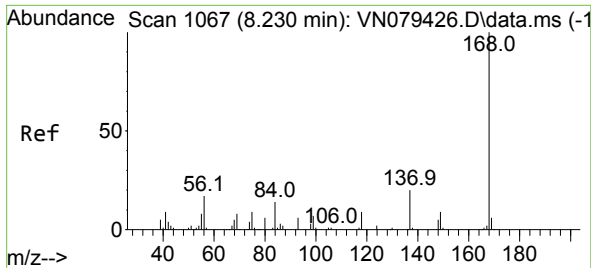
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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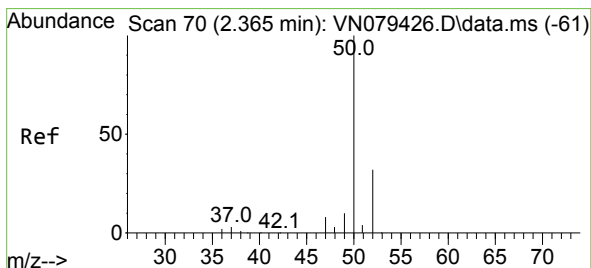
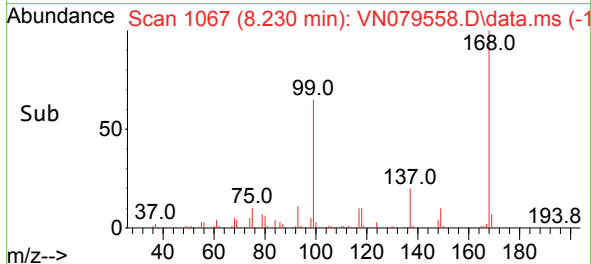
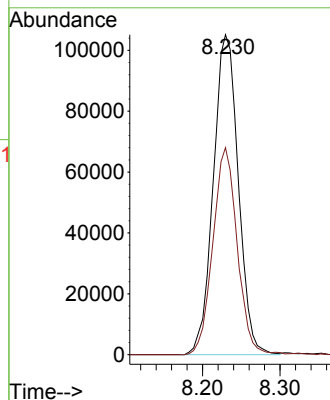
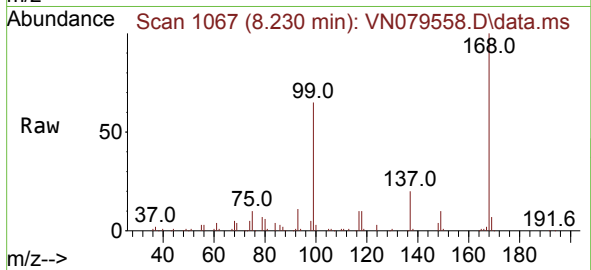




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

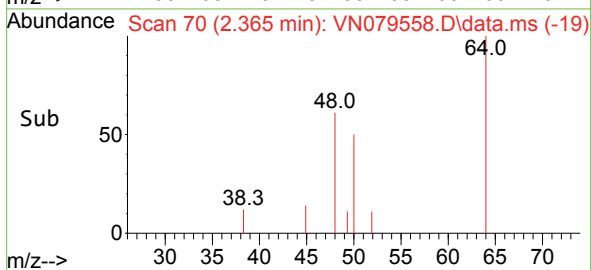
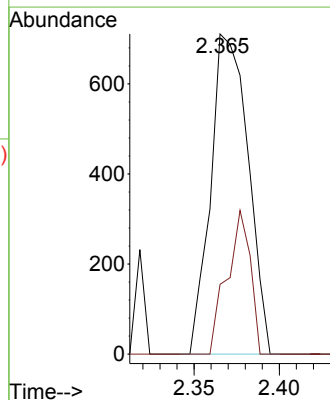
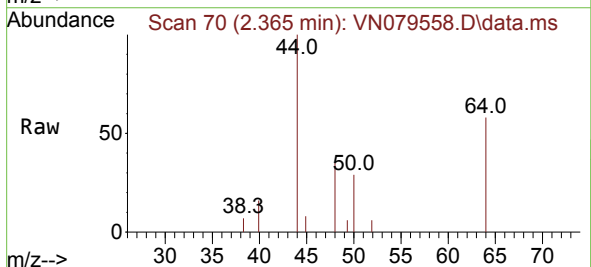
Instrument :
MSVOA_N
ClientSampleId :

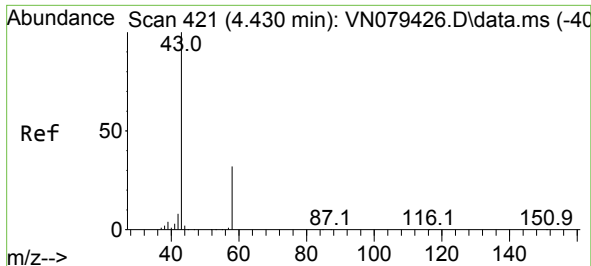
Tgt Ion:168 Resp: 235467
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 50 Resp: 1085
Ion Ratio Lower Upper
50 100
52 21.8 26.5 39.7#

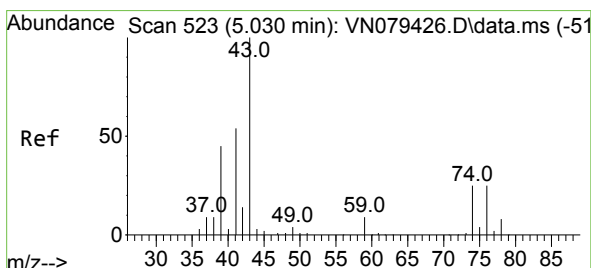
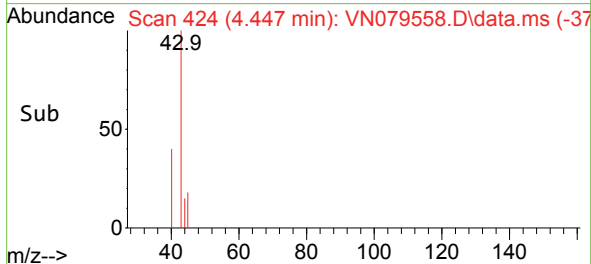
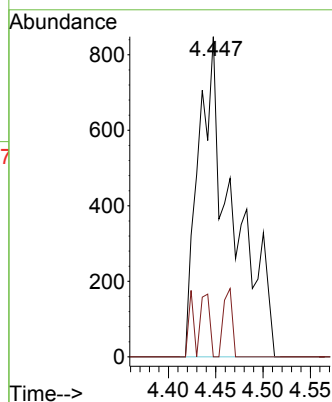
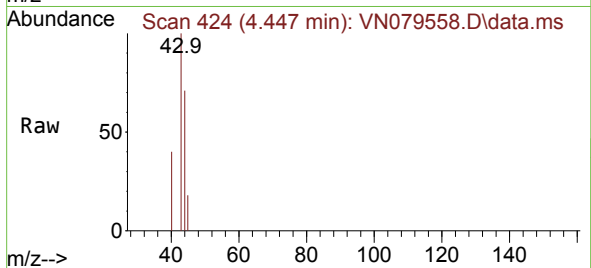




#16
Acetone
Concen: 1.411 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

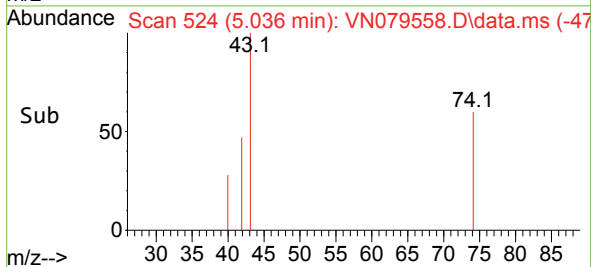
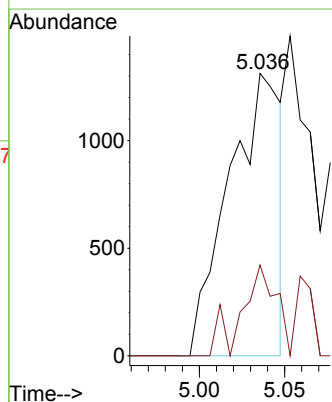
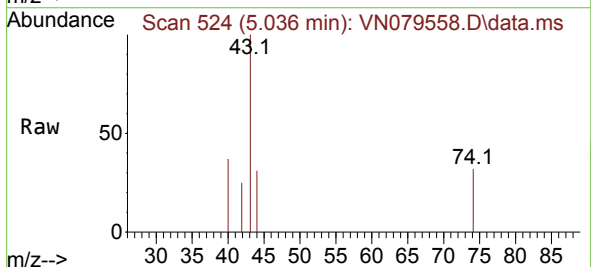
Instrument :
MSVOA_N
ClientSampleId :

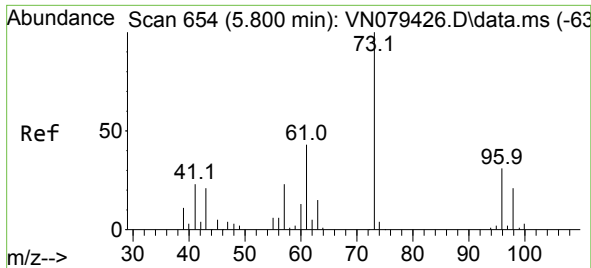
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.374 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
74 21.5 26.2 39.4#

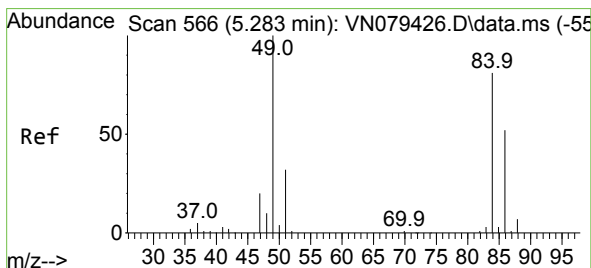
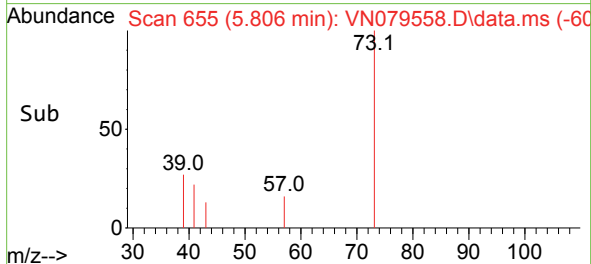
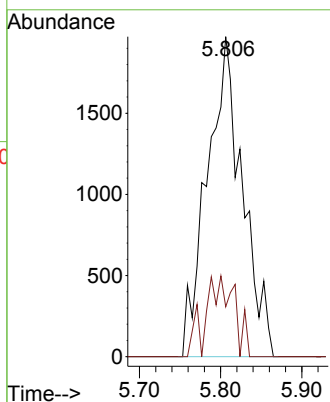
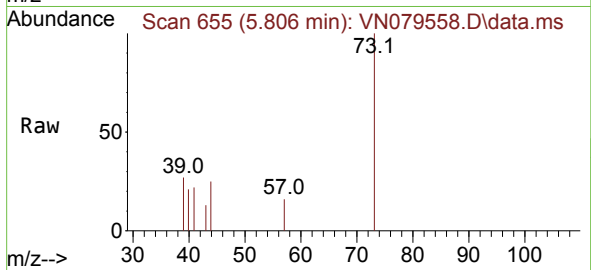




#19
Methyl tert-butyl Ether
Concen: 0.657 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

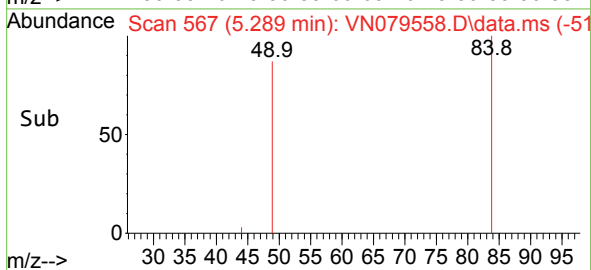
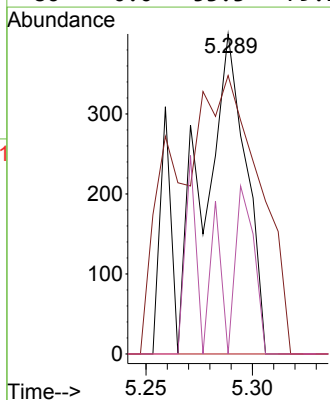
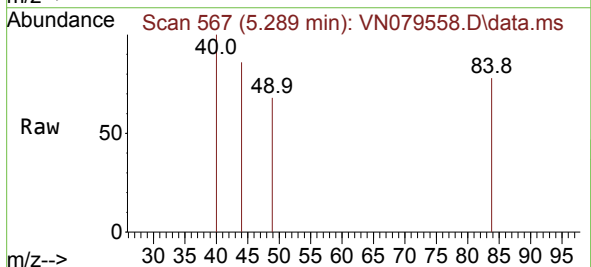
Instrument :
MSVOA_N
ClientSampleId :

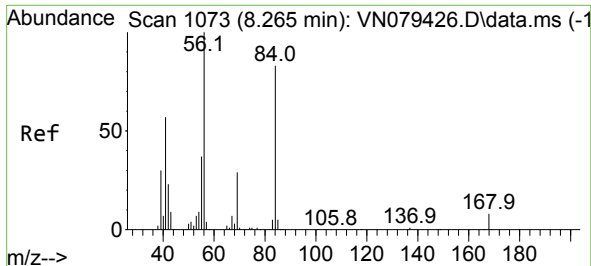
Tgt Ion: 73 Resp: 5938
Ion Ratio Lower Upper
73 100
57 15.6 15.6 23.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

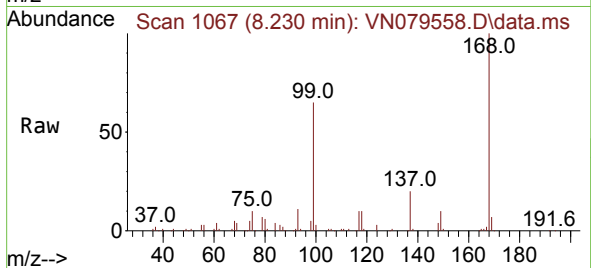
Tgt Ion: 84 Resp: 548
Ion Ratio Lower Upper
84 100
49 48.8 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



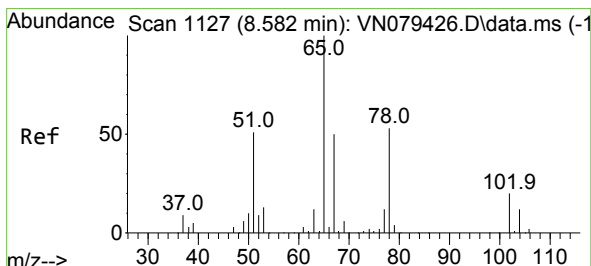
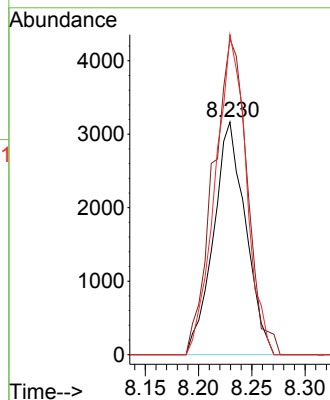
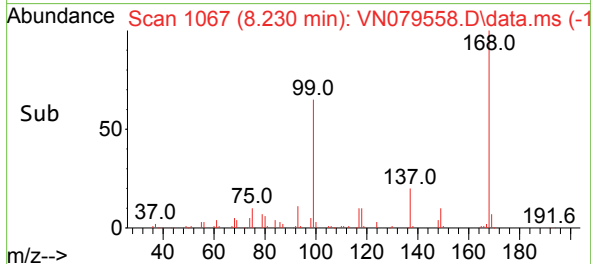


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Instrument :
MSVOA_N
ClientSampleId :

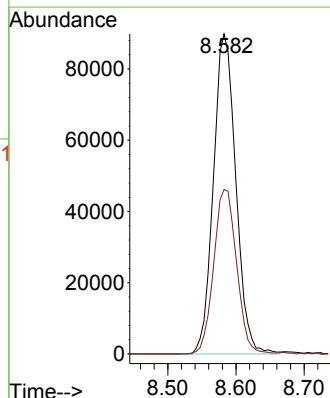
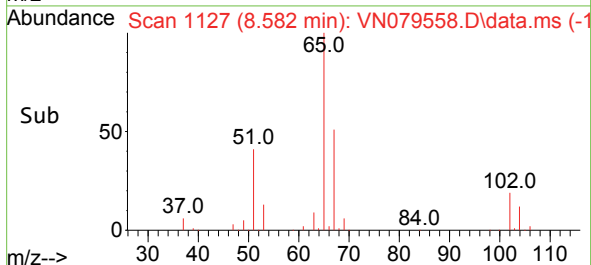
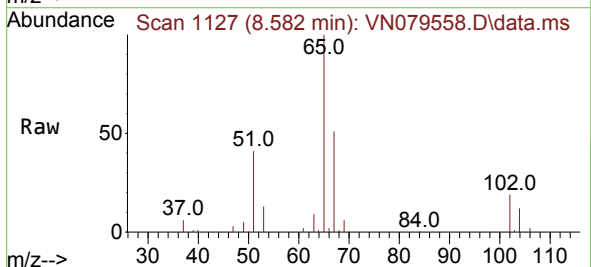


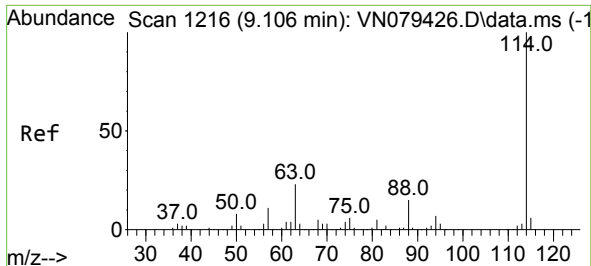
Tgt Ion: 56 Resp: 6630
Ion Ratio Lower Upper
56 100
69 135.8 26.8 40.2#
84 137.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.890 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 65 Resp: 205748
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

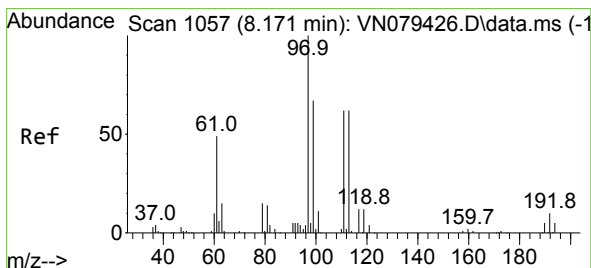
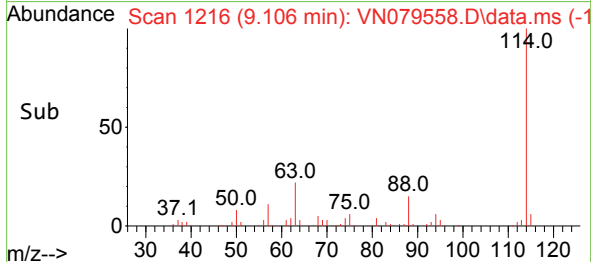
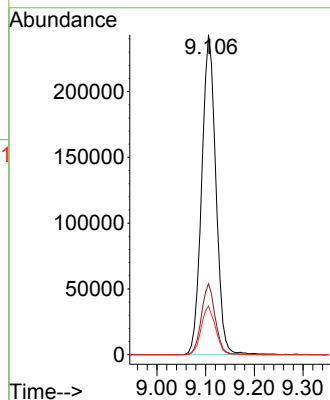
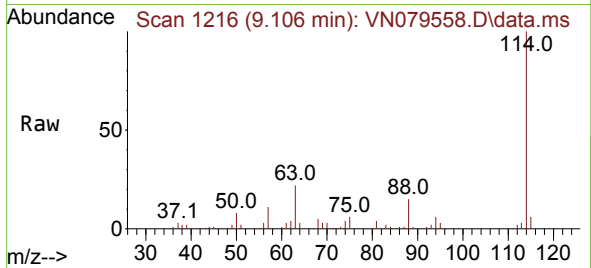




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

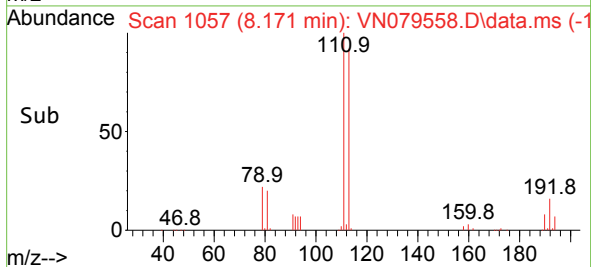
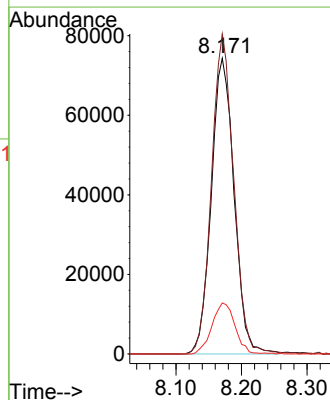
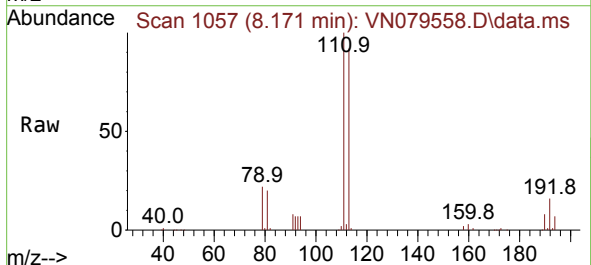
Instrument :
MSVOA_N
ClientSampleId :

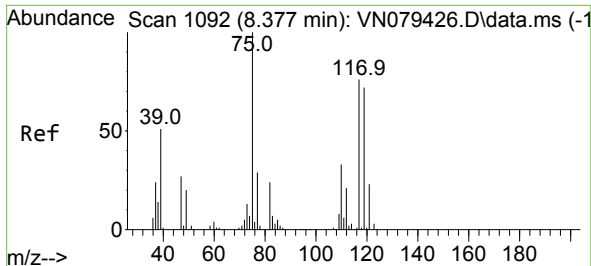
Tgt Ion:114 Resp: 491606
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.738 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion:113 Resp: 179251
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.197 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

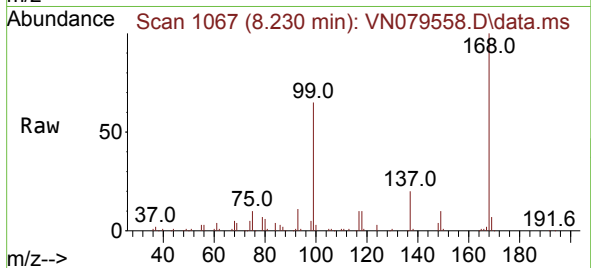
Lab File: VN079558.D

Acq: 12 Oct 2023 20:23

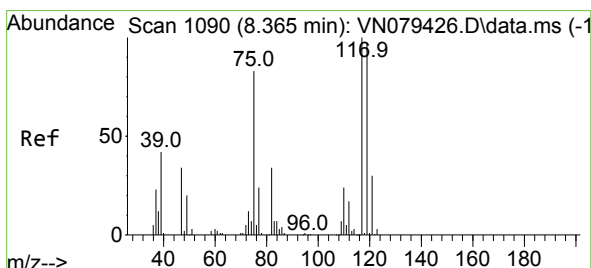
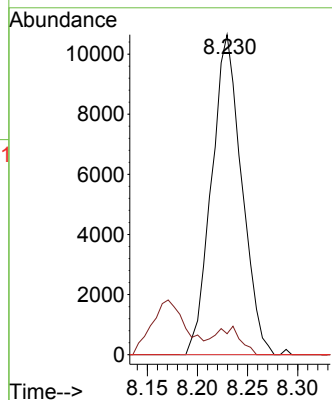
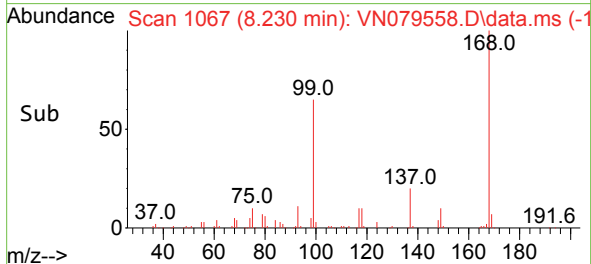
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 22254
Ion Ratio	Lower Upper
75	100
110	7.6 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.038 ug/l

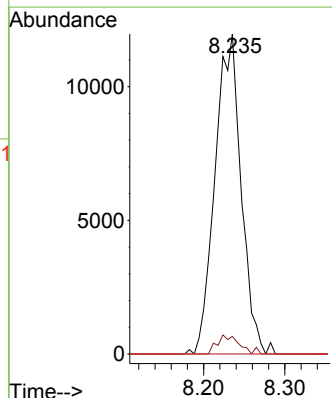
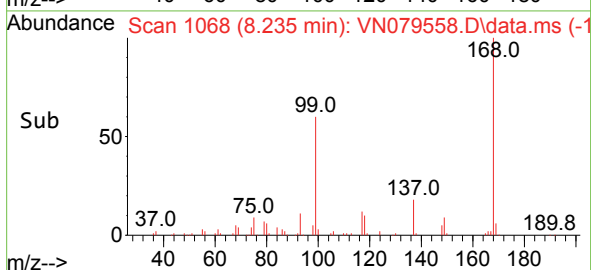
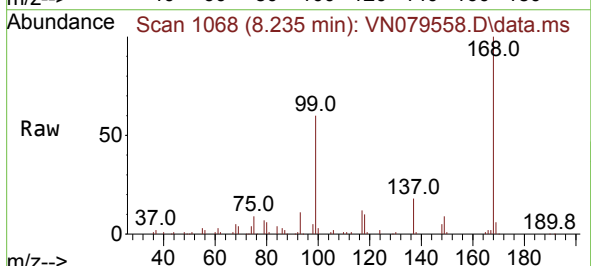
RT: 8.235 min Scan# 1068

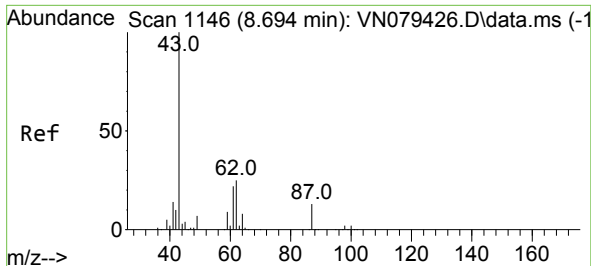
Delta R.T. -0.129 min

Lab File: VN079558.D

Acq: 12 Oct 2023 20:23

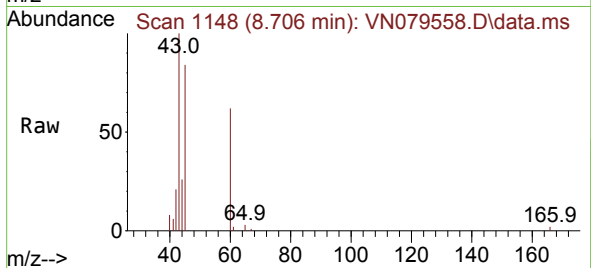
Tgt Ion: 117	Resp: 26740
Ion Ratio	Lower Upper
117	100
119	5.5 77.3 115.9#
121	0.0 23.3 34.9#



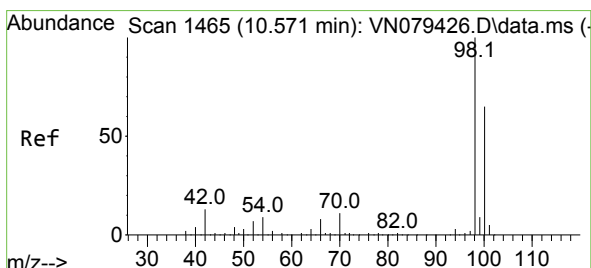
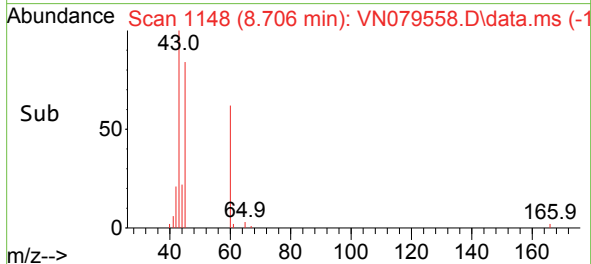
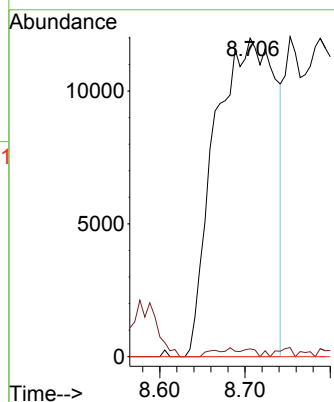


#43
Isopropyl Acetate
Concen: 6.412 ug/l
RT: 8.706 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Instrument :
MSVOA_N
ClientSampleId :

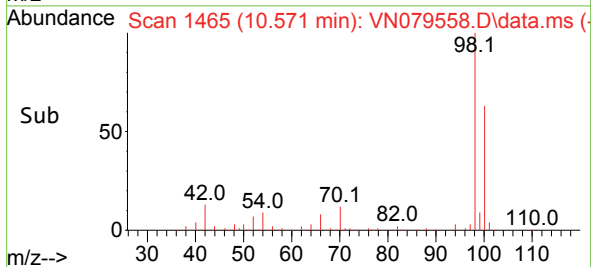
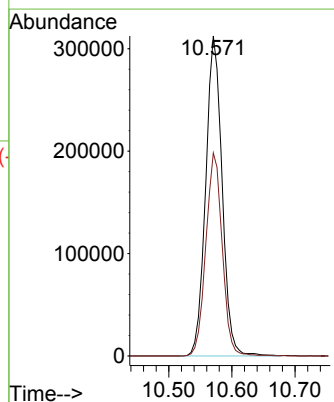
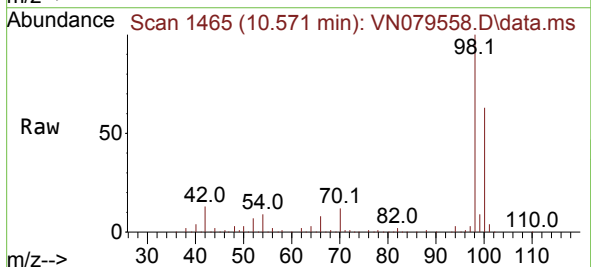


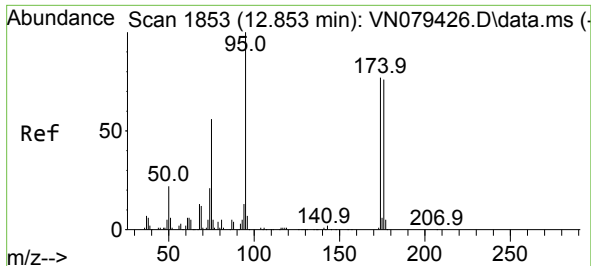
Tgt Ion: 43 Resp: 59269
Ion Ratio Lower Upper
43 100
61 0.5 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 44.063 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 98 Resp: 563249
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

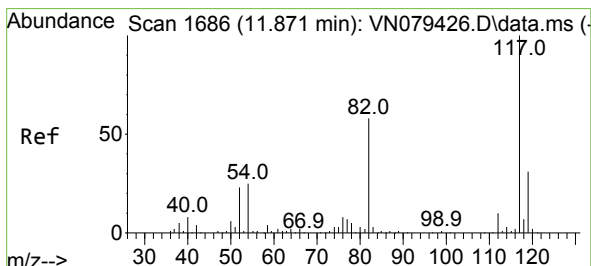
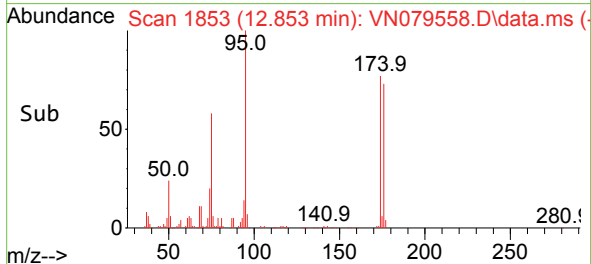
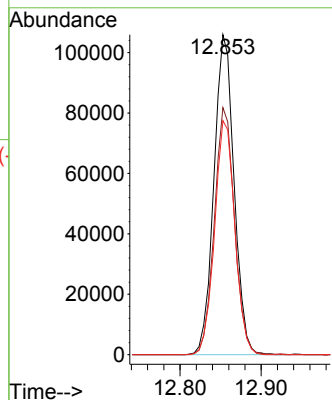
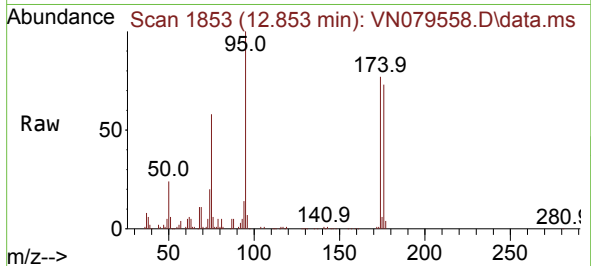




#62
4-Bromofluorobenzene
Concen: 44.472 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

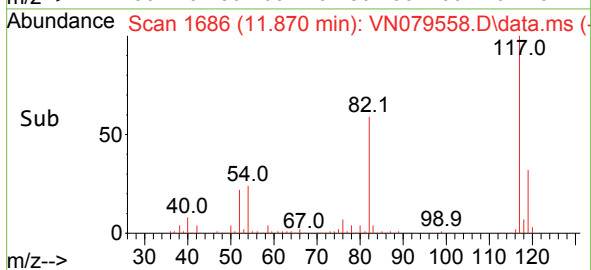
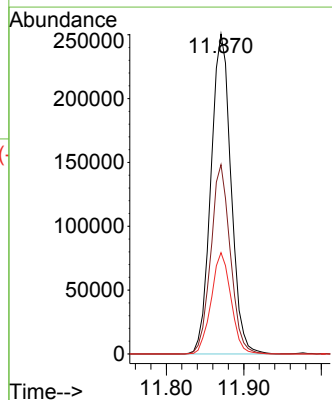
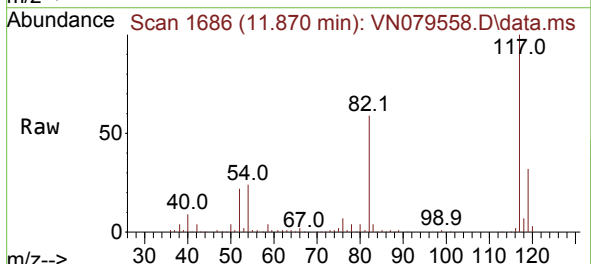
Instrument :
MSVOA_N
ClientSampleId :

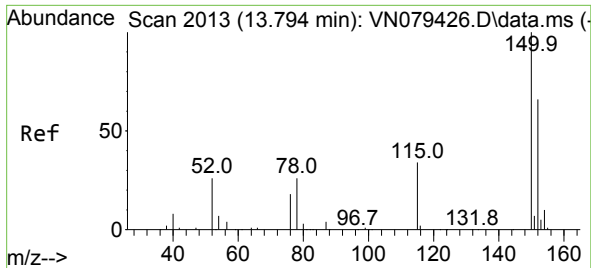
Tgt Ion: 95 Resp: 182436
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 117 Resp: 452319
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.6 25.6 38.4

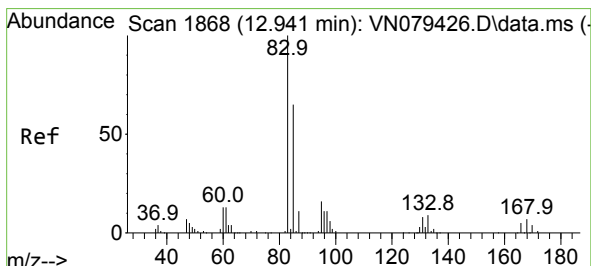
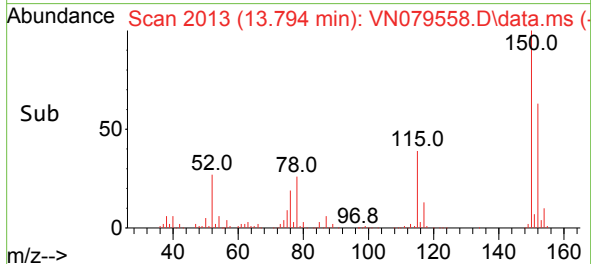
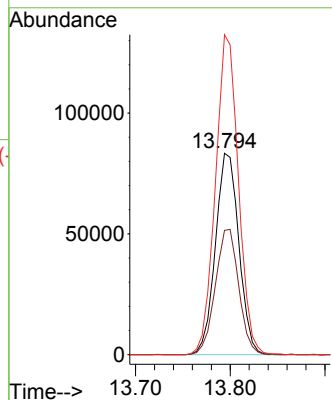
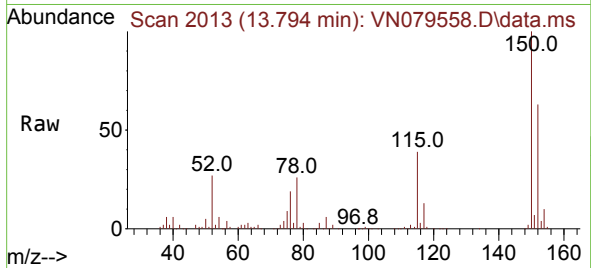




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079558.D
 Acq: 12 Oct 2023 20:23

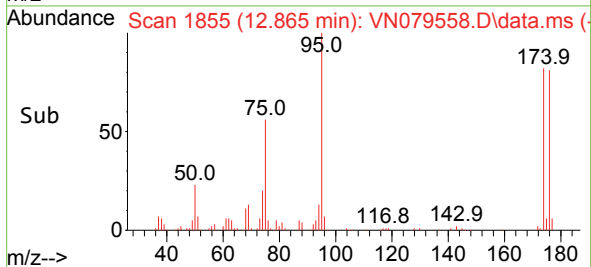
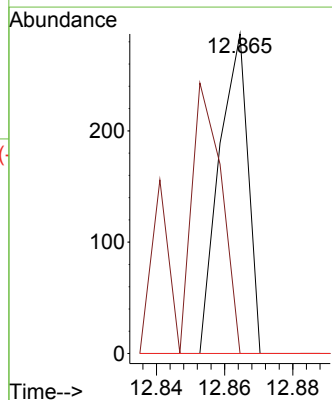
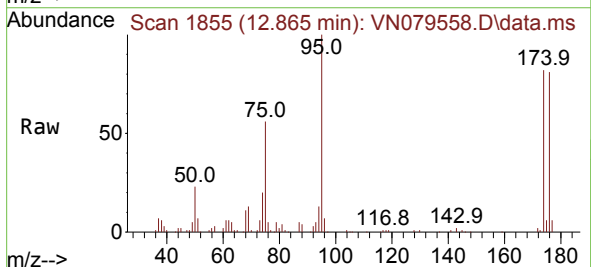
Instrument :
 MSVOA_N
 ClientSampleId :

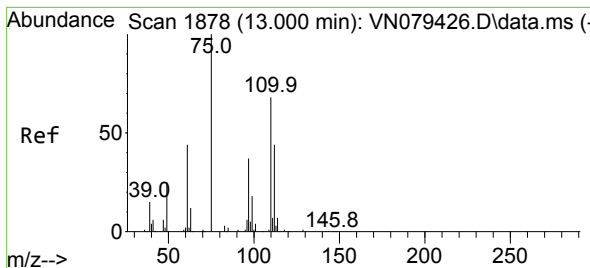
Tgt Ion:152 Resp: 143298
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 155.9 0.0 355.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.865 min Scan# 1855
 Delta R.T. -0.076 min
 Lab File: VN079558.D
 Acq: 12 Oct 2023 20:23

Tgt Ion: 83 Resp: 168
 Ion Ratio Lower Upper
 83 100
 131 119.6 5.0 15.0#
 85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 25.069 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079558.D

Acq: 12 Oct 2023 20:23

Instrument :

MSVOA_N

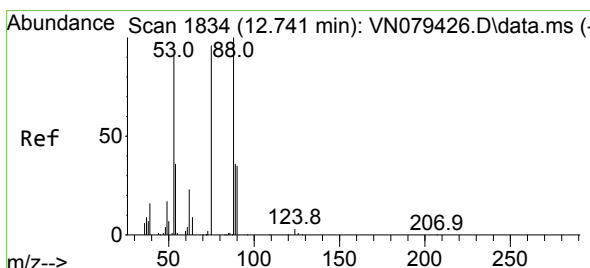
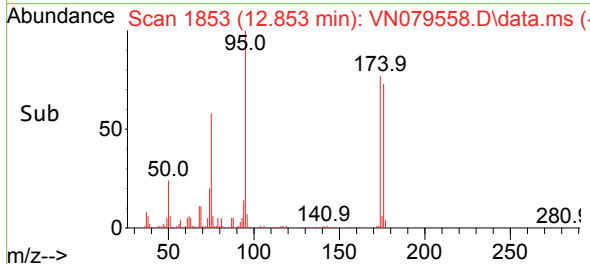
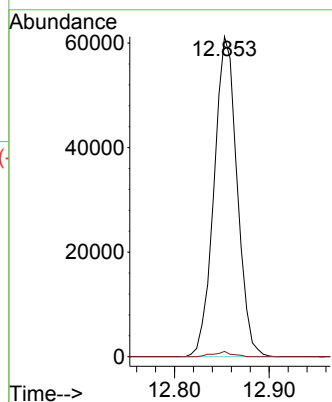
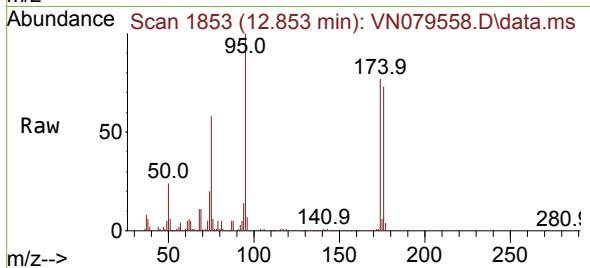
ClientSampleId :

Tgt Ion: 75 Resp: 103577

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.739 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079558.D

Acq: 12 Oct 2023 20:23

Tgt Ion: 75 Resp: 103577

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

