

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079798.D
 Acq On : 02 Nov 2023 15:35
 Operator : JC\MD
 Sample : 05225-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

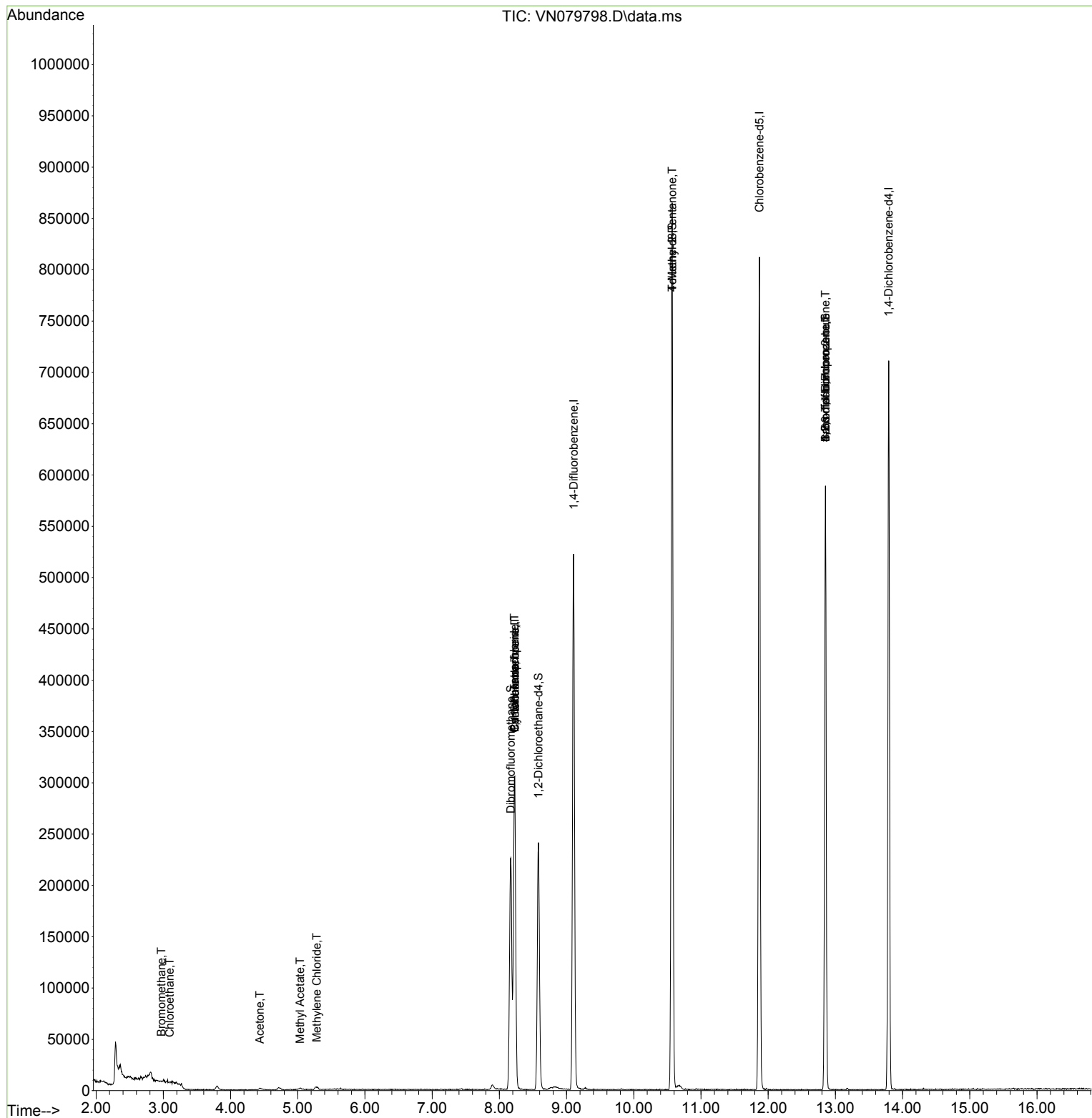
Internal Standards						
1) Pentafluorobenzene	8.230	168	217256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	439031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	195785	59.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.300%			
35) Dibromofluoromethane	8.171	113	167149	53.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	10.571	98	581020	50.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.853	95	191698	50.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.060%			
Target Compounds						Qvalue
5) Bromomethane	2.971	94	460	0.221	ug/l	91
6) Chloroethane	3.095	64	776	0.287	ug/l #	43
16) Acetone	4.436	43	3272	2.814	ug/l #	72
18) Methyl Acetate	5.036	43	2631	0.473	ug/l #	60
20) Methylene Chloride	5.283	84	1360	0.464	ug/l #	77
31) Cyclohexane	8.230	56	5649	1.292	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	20628	4.649	ug/l #	42
38) Carbon Tetrachloride	8.224	117	24815	5.550	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2686	0.669	ug/l #	1
71) Bromoform	12.853	173	1981	0.790	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105458	25.369	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105458	69.023	ug/l #	15

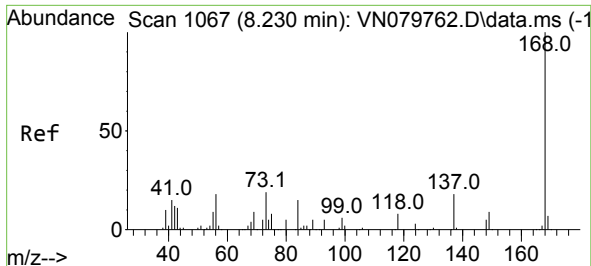
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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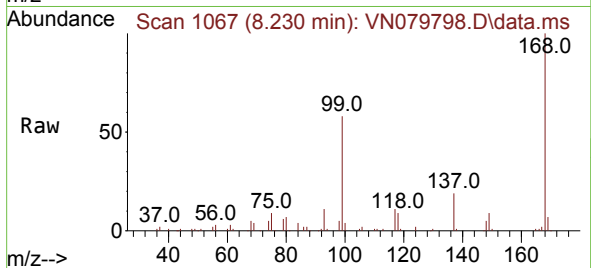
Quant Time: Nov 03 04:02:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



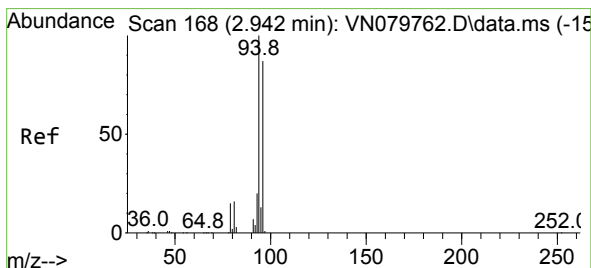
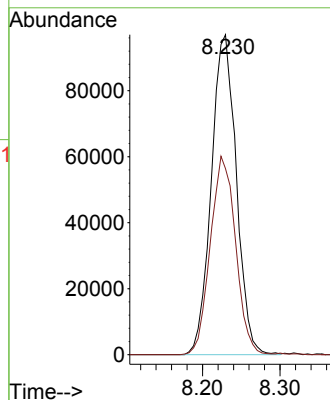
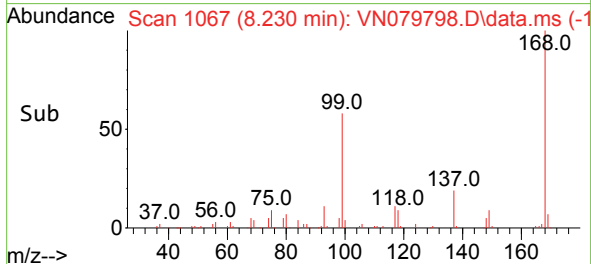


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :

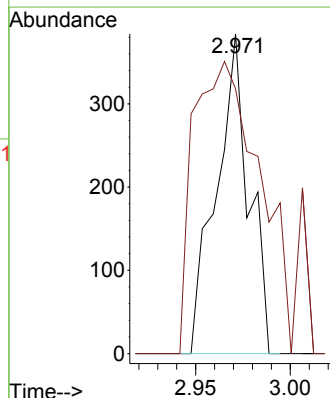
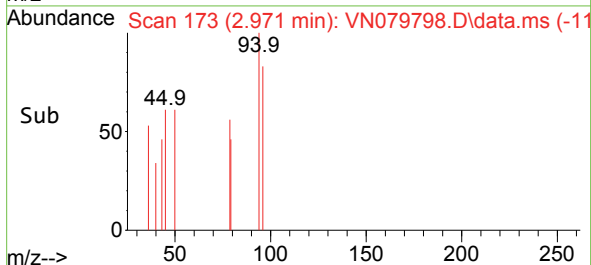
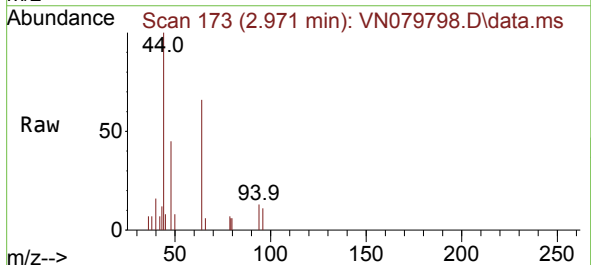


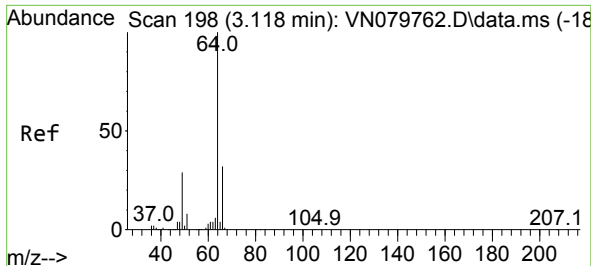
Tgt Ion:168 Resp: 217256
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

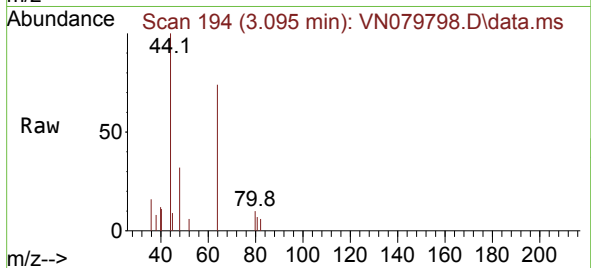
Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 82.8 73.1 109.7



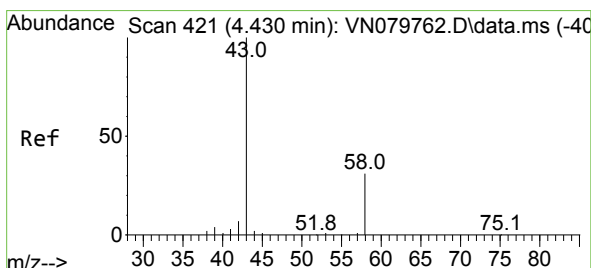
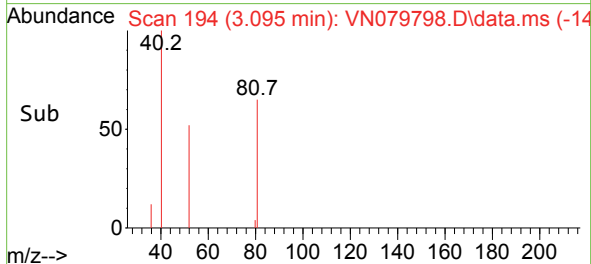
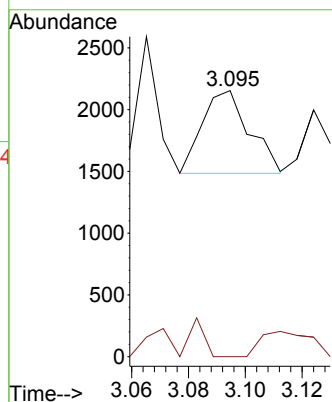


#6
Chloroethane
Concen: 0.287 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :

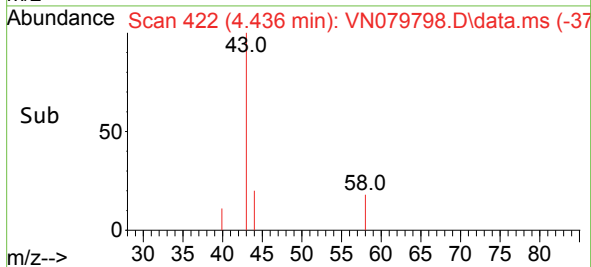
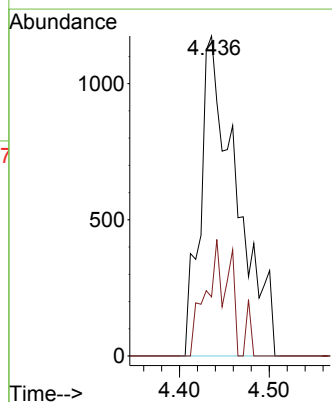
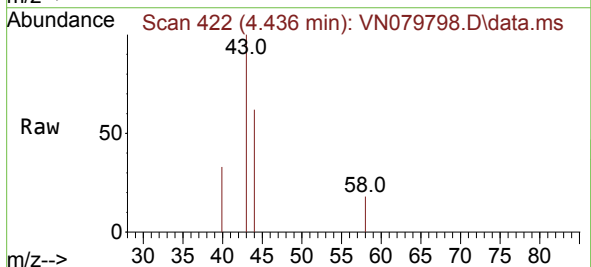


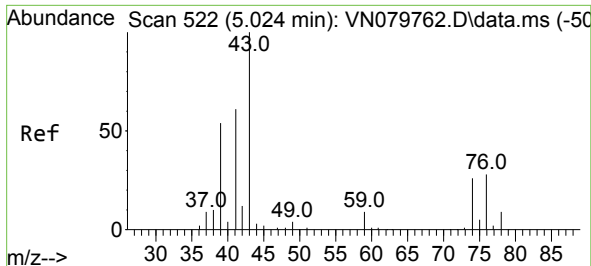
Tgt Ion: 64 Resp: 776
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 2.814 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

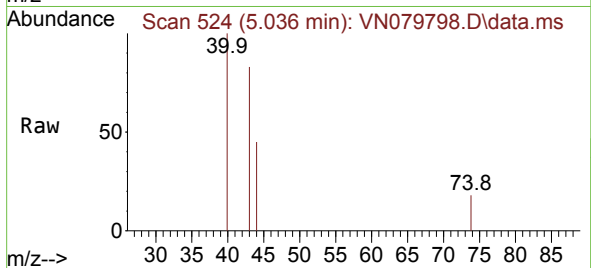
Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 18.5 28.0 42.0#



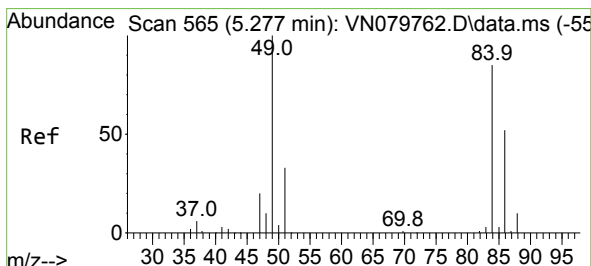
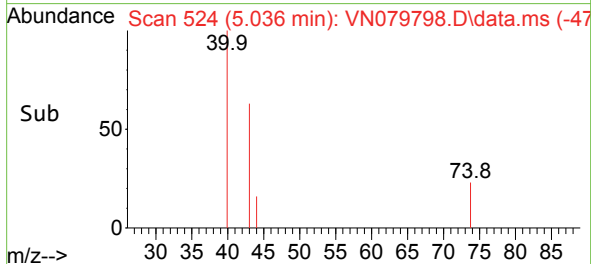
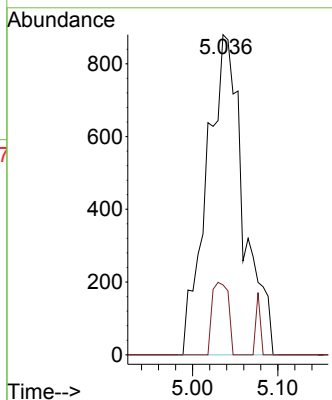


#18
Methyl Acetate
Concen: 0.473 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :

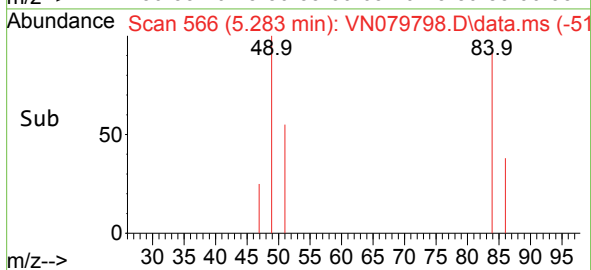
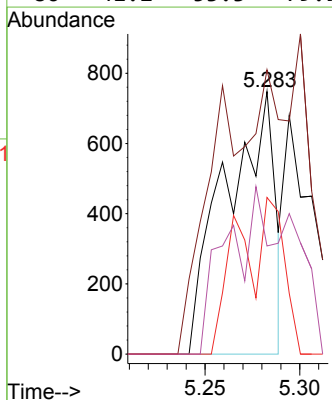
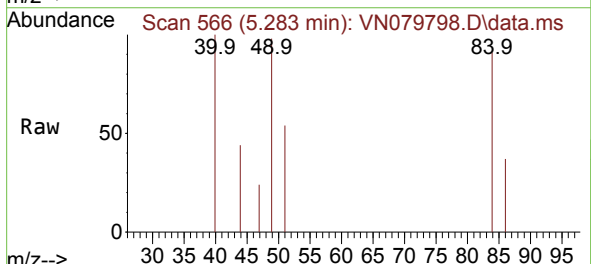


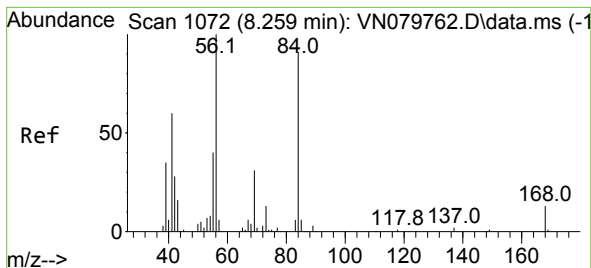
Tgt Ion: 43 Resp: 2631
Ion Ratio Lower Upper
43 100
74 10.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.464 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 84 Resp: 1360
Ion Ratio Lower Upper
84 100
49 108.3 79.7 119.5
51 59.6 25.2 37.8#
86 41.2 53.3 79.9#





#31

Cyclohexane

Concen: 1.292 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

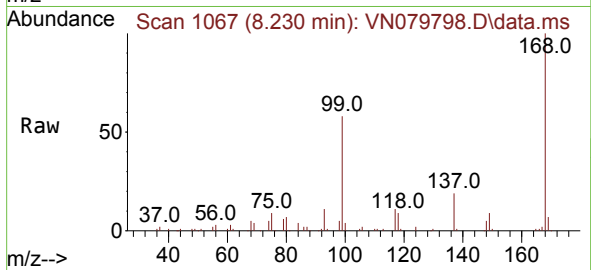
Lab File: VN079798.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :



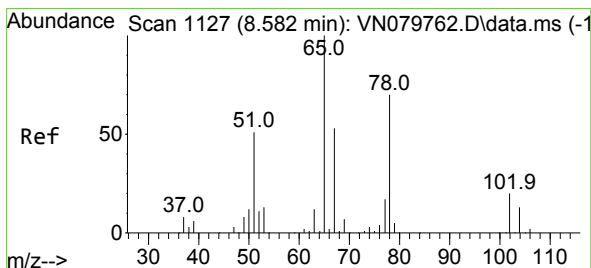
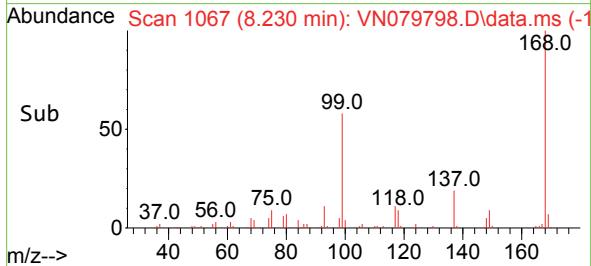
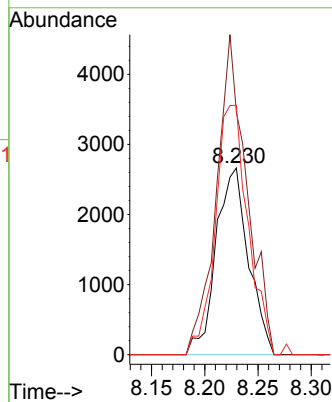
Tgt Ion: 56 Resp: 5649

Ion Ratio Lower Upper

56 100

69 129.9 26.8 40.2#

84 133.6 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 59.150 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079798.D

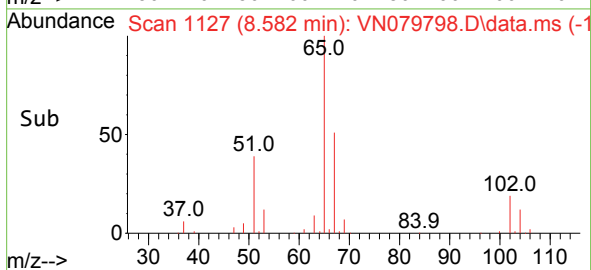
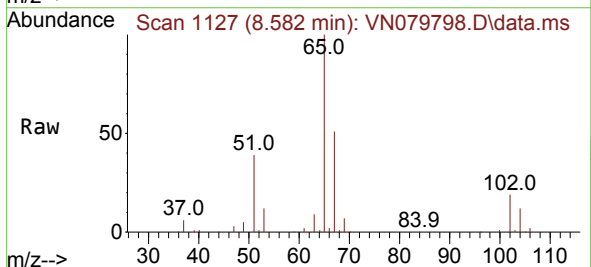
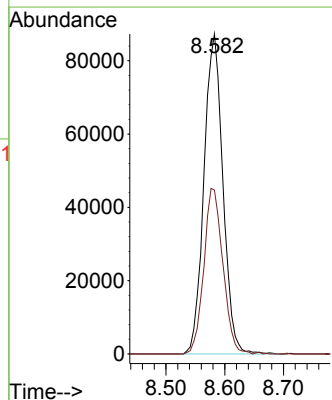
Acq: 02 Nov 2023 15:35

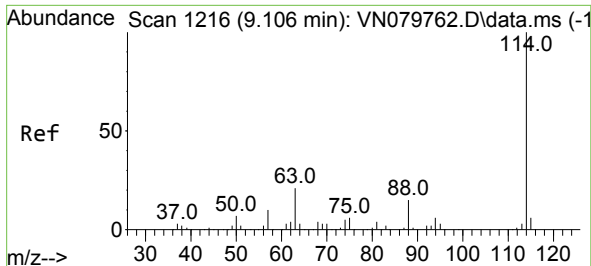
Tgt Ion: 65 Resp: 195785

Ion Ratio Lower Upper

65 100

67 51.9 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: VN079798.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

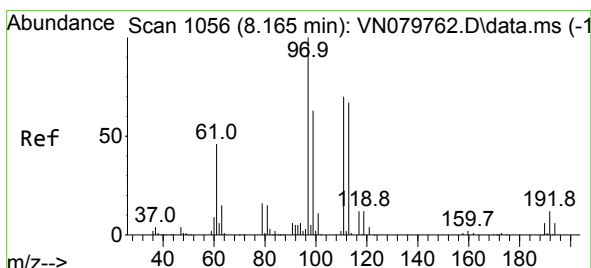
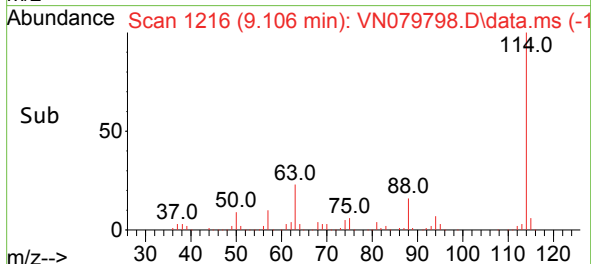
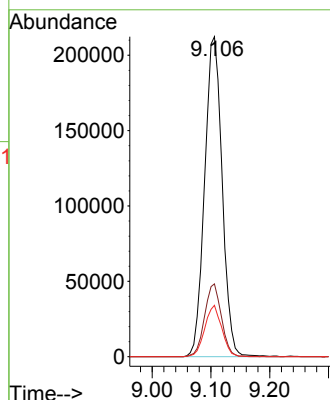
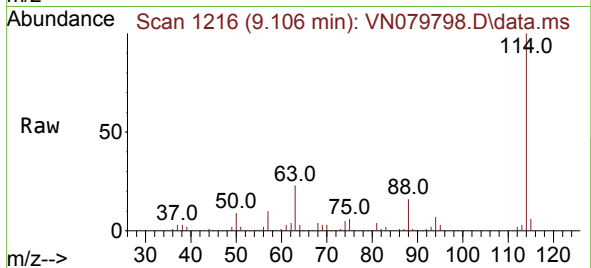
Tgt Ion:114 Resp: 439031

Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.793 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079798.D

Acq: 02 Nov 2023 15:35

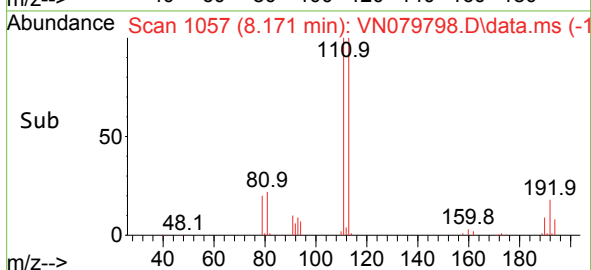
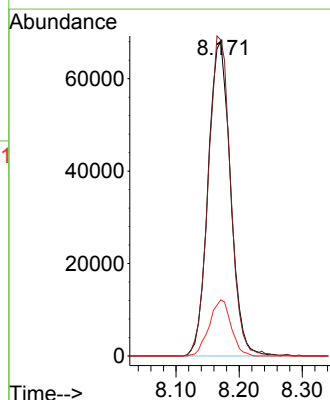
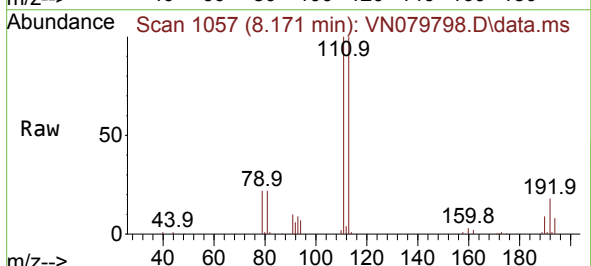
Tgt Ion:113 Resp: 167149

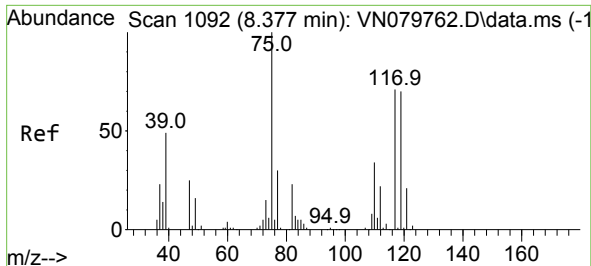
Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.649 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

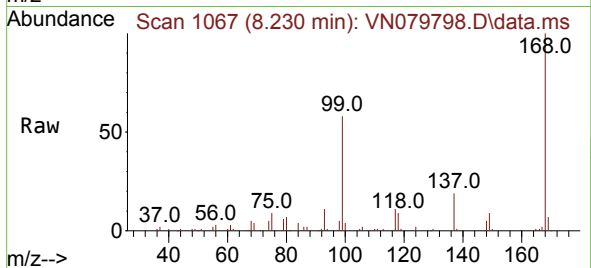
Lab File: VN079798.D

Acq: 02 Nov 2023 15:35

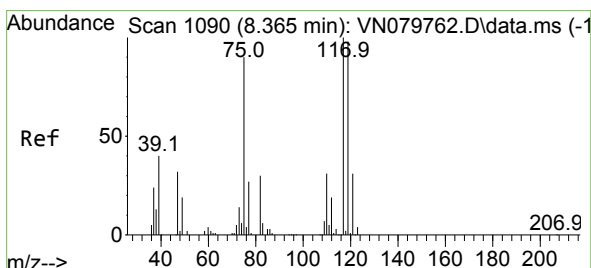
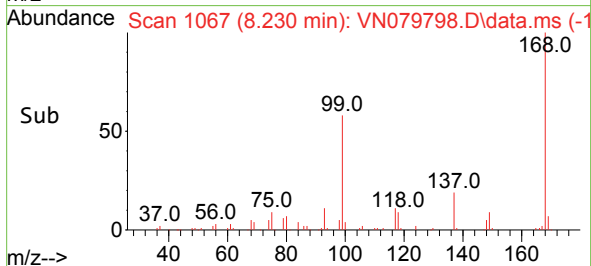
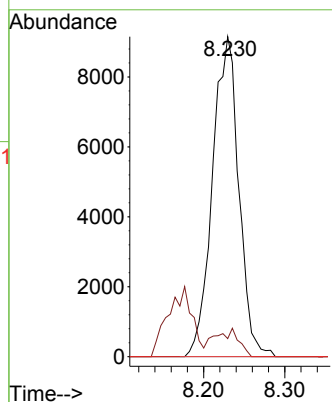
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	20628
Ion Ratio	Lower	Upper	
75	100		
110	2.8	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.550 ug/l

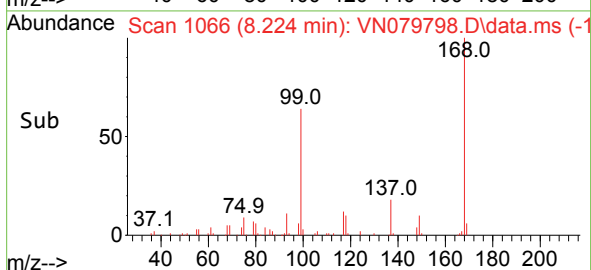
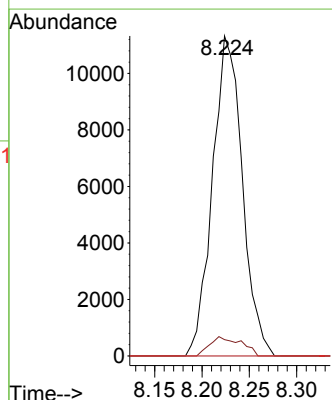
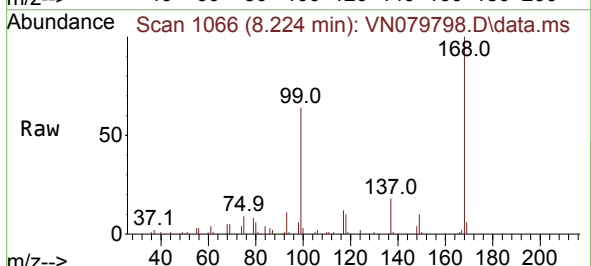
RT: 8.224 min Scan# 1066

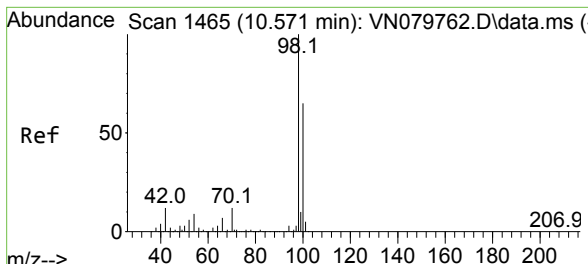
Delta R.T. -0.135 min

Lab File: VN079798.D

Acq: 02 Nov 2023 15:35

Tgt Ion:	117	Resp:	24815
Ion Ratio	Lower	Upper	
117	100		
119	5.1	77.3	115.9#
121	0.0	23.3	34.9#

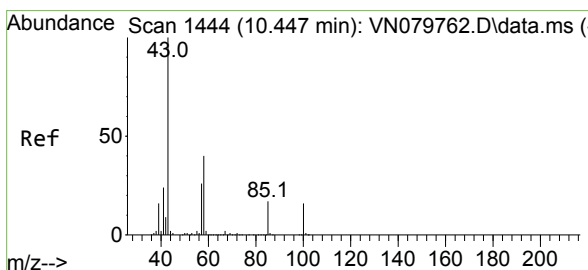
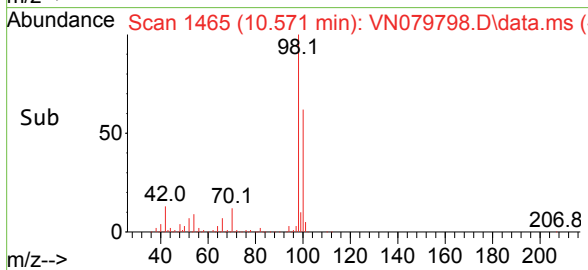
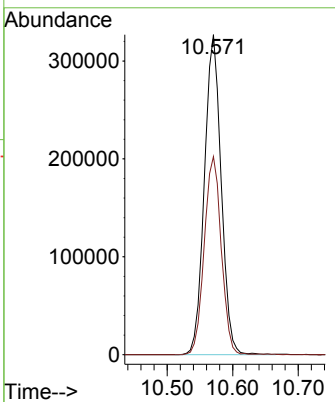
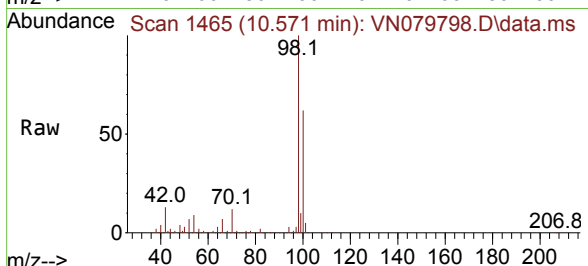




#50
Toluene-d8
Concen: 50.793 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

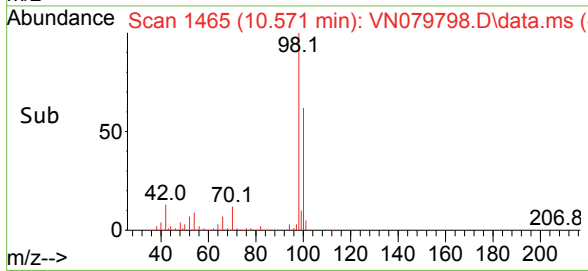
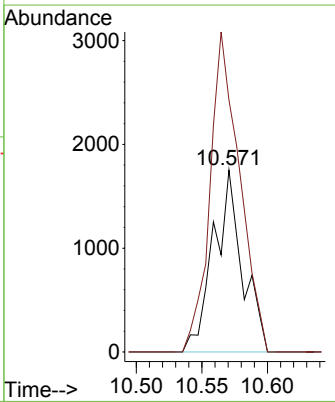
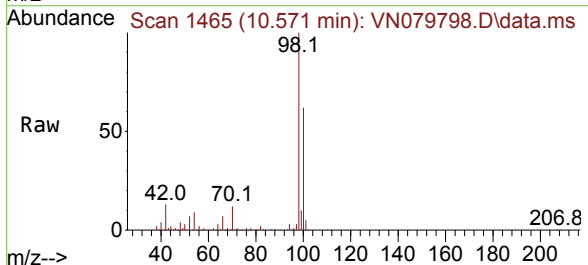
Instrument :
MSVOA_N
ClientSampleId :

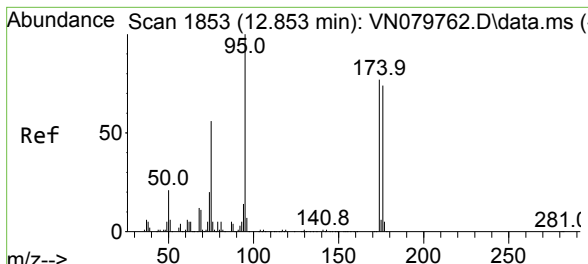
Tgt Ion: 98 Resp: 581020
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.669 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 43 Resp: 2686
Ion Ratio Lower Upper
43 100
58 180.9 36.6 54.8#

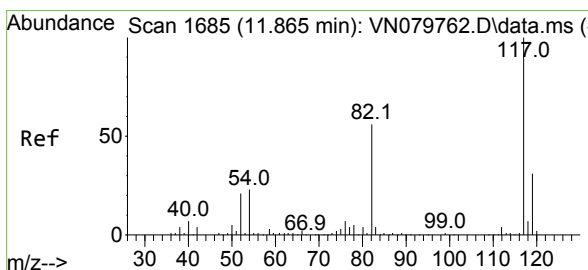
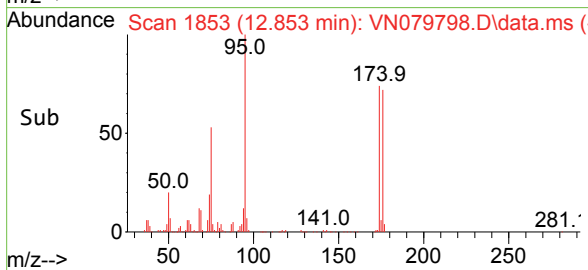
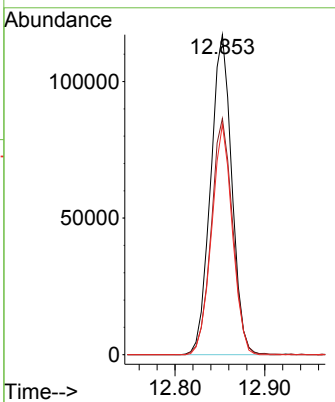
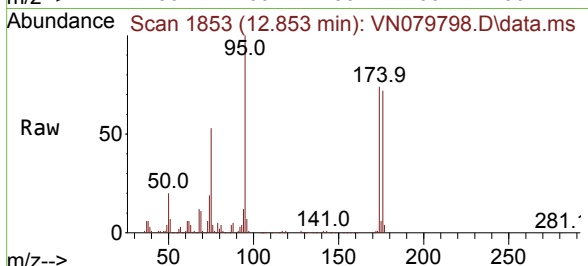




#62
 4-Bromofluorobenzene
 Concen: 50.530 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079798.D
 Acq: 02 Nov 2023 15:35

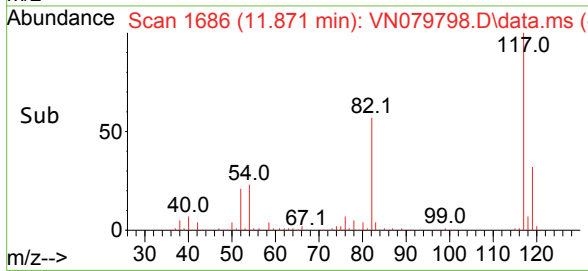
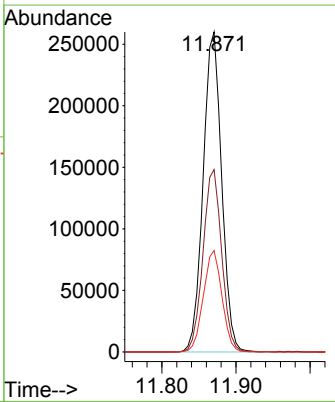
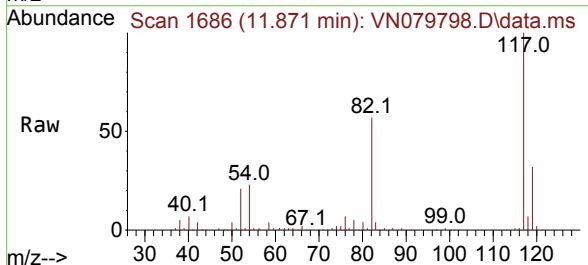
Instrument :
 MSVOA_N
 ClientSampleId :

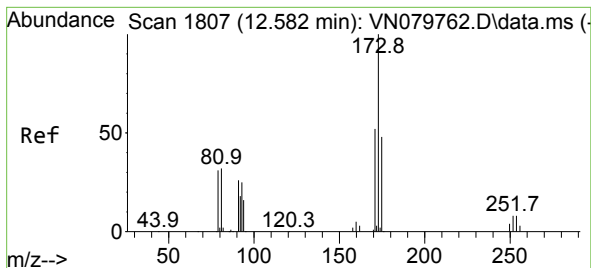
Tgt Ion:	95	Resp:	191698
Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	143.8
176	70.5	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079798.D
 Acq: 02 Nov 2023 15:35

Tgt Ion:	117	Resp:	451836
Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.0	66.0
119	31.7	25.6	38.4





#71

Bromoform

Concen: 0.790 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

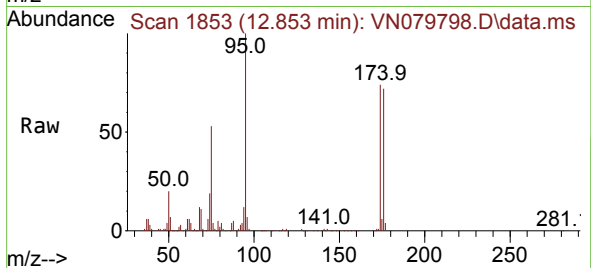
Lab File: VN079798.D

Acq: 02 Nov 2023 15:35

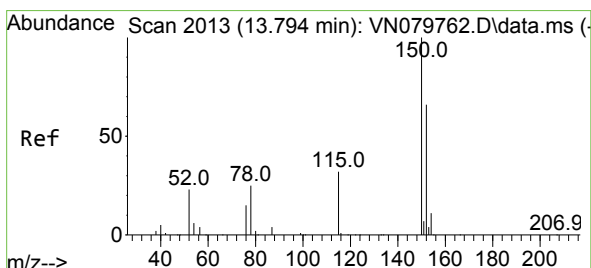
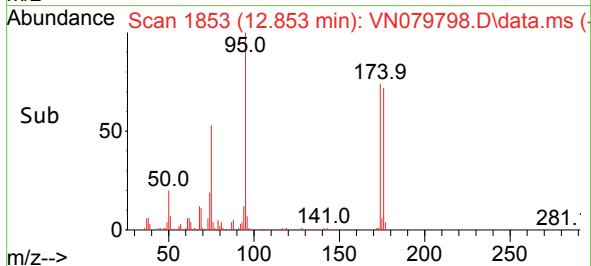
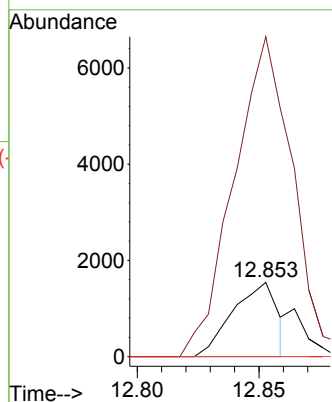
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	1981
Ion Ratio	Lower	Upper	
173	100		
175	452.7	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

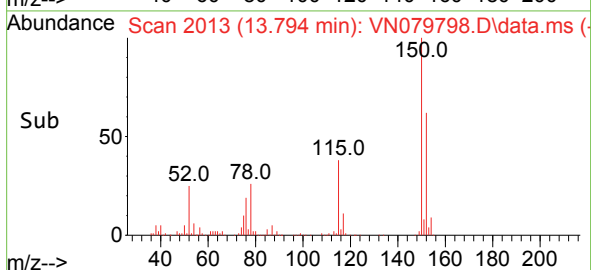
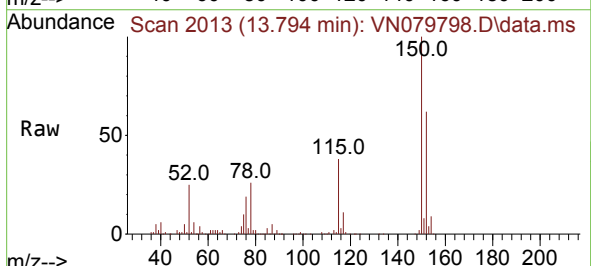
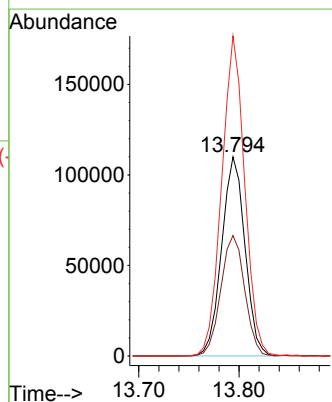
RT: 13.794 min Scan# 2013

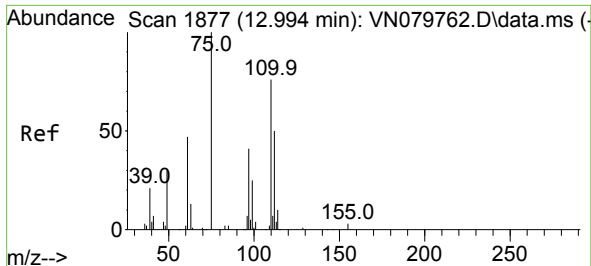
Delta R.T. 0.000 min

Lab File: VN079798.D

Acq: 02 Nov 2023 15:35

Tgt Ion:	152	Resp:	177065
Ion Ratio	Lower	Upper	
152	100		
115	62.1	32.3	96.8
150	158.6	0.0	355.8

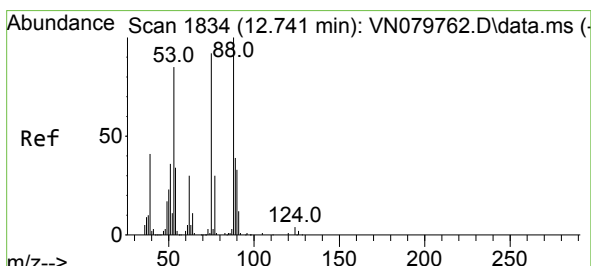
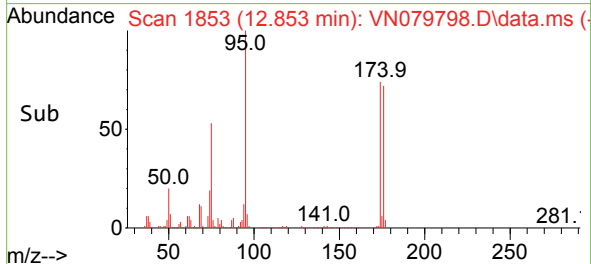
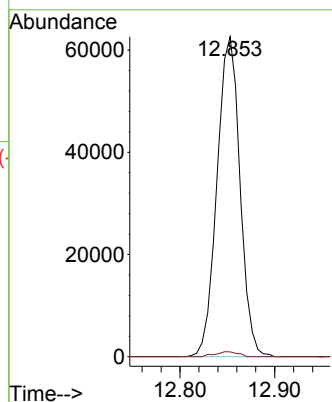
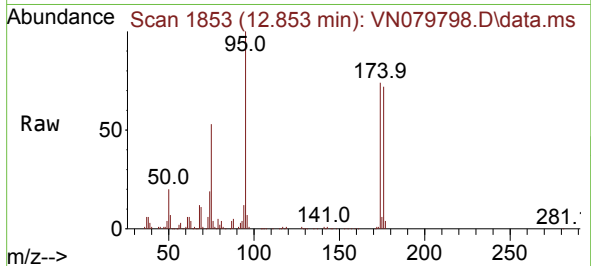




#76
1,2,3-Trichloropropane
Concen: 25.369 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 105458
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.023 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079798.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 75 Resp: 105458
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

