

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079776.D
 Acq On : 01 Nov 2023 17:07
 Operator : JC\MD
 Sample : 05173-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:57:04 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)

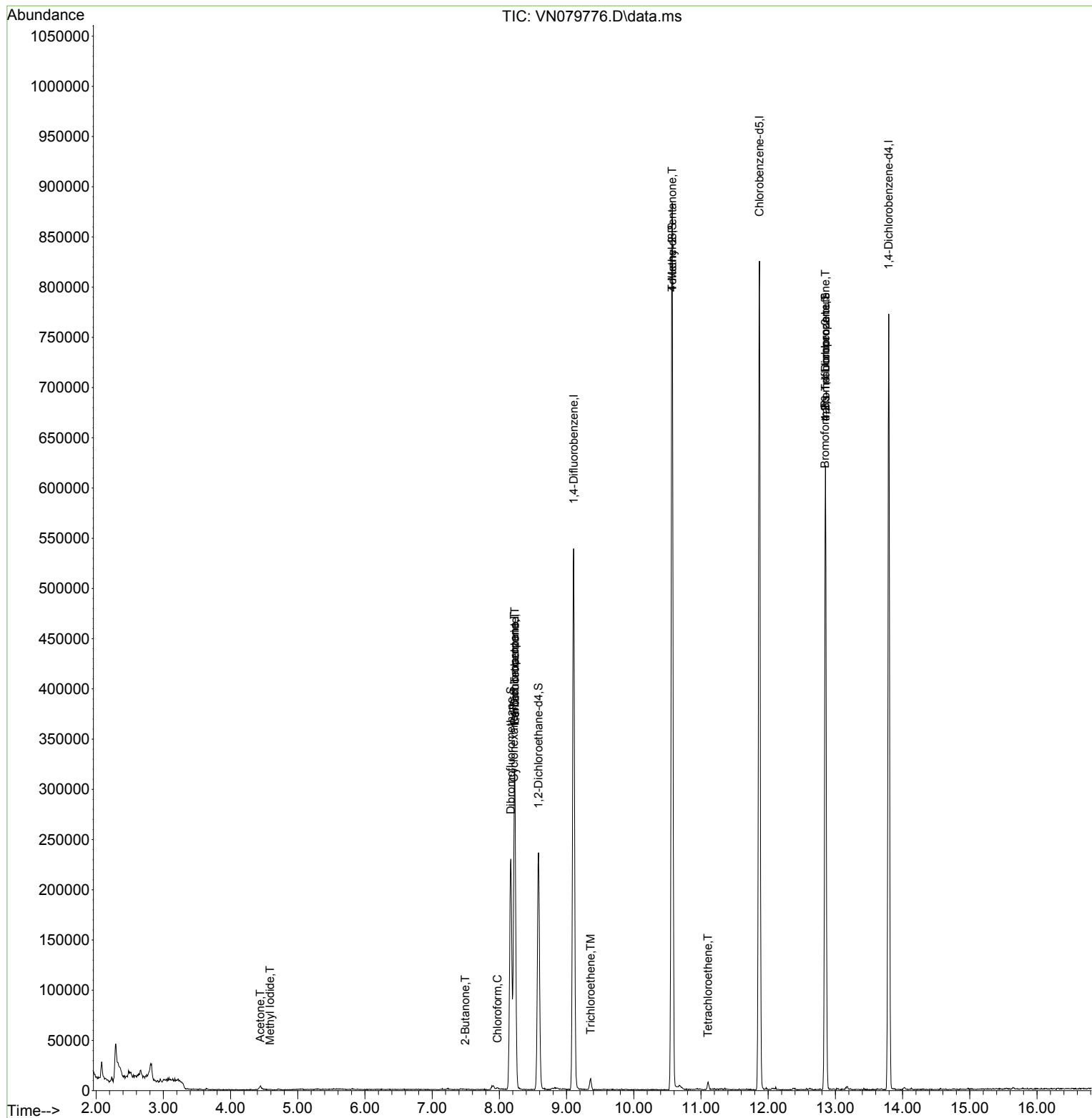
Internal Standards						
1) Pentafluorobenzene	8.230	168	232789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	460599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	190541	53.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.440%	
35) Dibromofluoromethane	8.171	113	163653	50.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	10.571	98	592875	49.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.853	95	205768	51.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.400%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.589	142	615	0.203	ug/l #	38
16) Acetone	4.442	43	6286	5.046	ug/l	91
25) 2-Butanone	7.494	43	365	0.200	ug/l #	37
30) Chloroform	7.971	83	1216	0.207	ug/l #	55
31) Cyclohexane	8.218	56	6050	1.291	ug/l #	57
36) 1,1-Dichloropropene	8.224	75	20758	4.460	ug/l #	49
38) Carbon Tetrachloride	8.230	117	25025	5.335	ug/l #	17
44) Trichloroethene	9.359	130	3749	1.084	ug/l	85
51) 4-Methyl-2-Pentanone	10.571	43	3250	0.771	ug/l #	1
64) Tetrachloroethene	11.106	164	1456	0.482	ug/l #	74
71) Bromoform	12.847	173	1924	0.743	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	115259	25.130	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115259	68.373	ug/l #	15

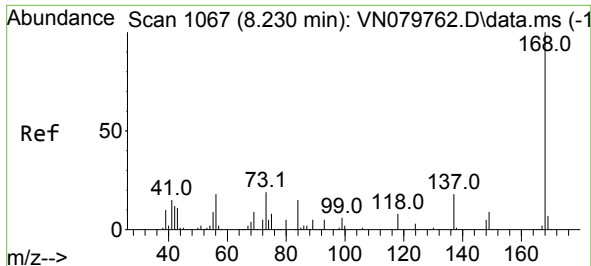
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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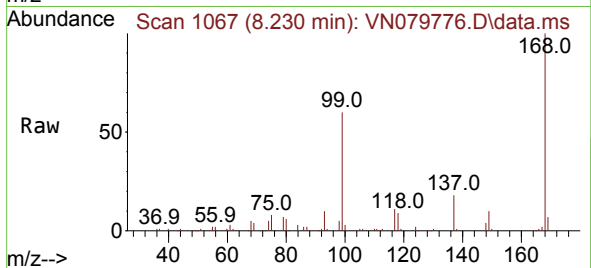
Quant Time: Nov 02 05:57:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



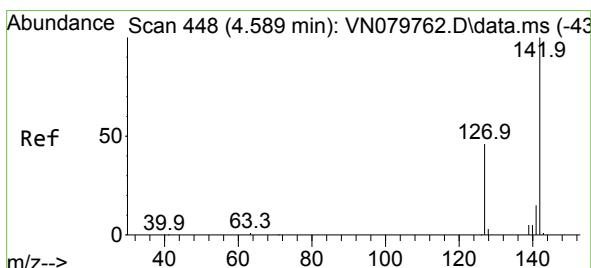
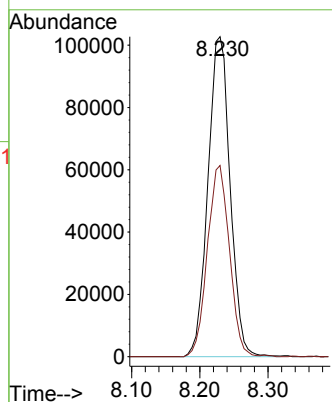
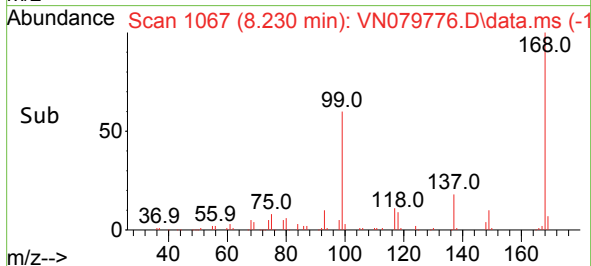


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079776.D
Acq: 01 Nov 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :

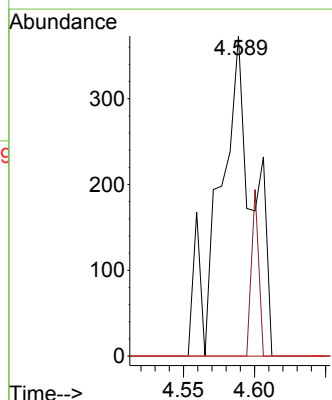
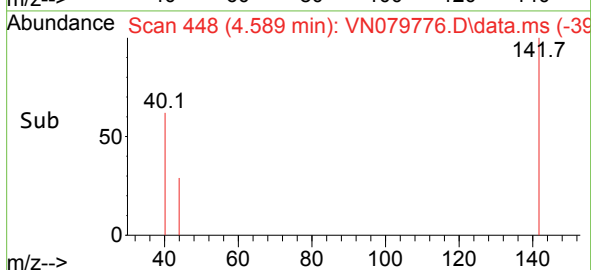
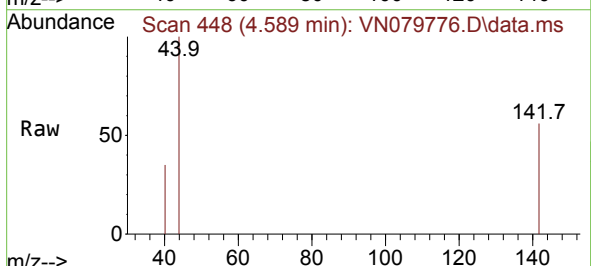


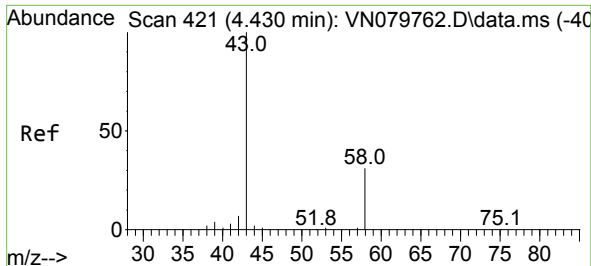
Tgt Ion:168 Resp: 232789
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#10
Methyl Iodide
Concen: 0.203 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079776.D
Acq: 01 Nov 2023 17:07

Tgt Ion:142 Resp: 615
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

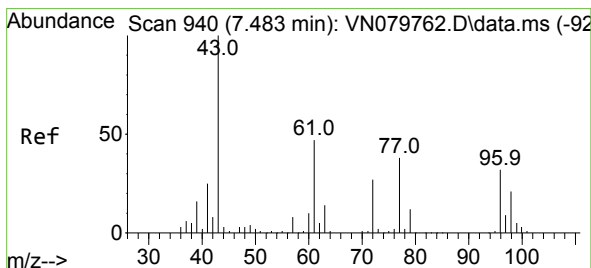
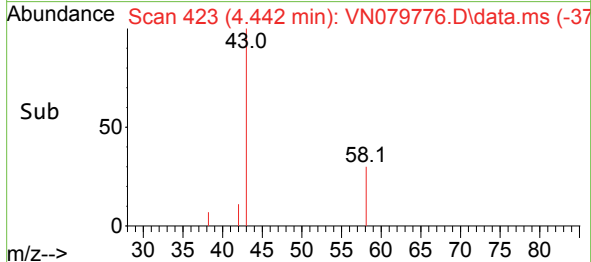
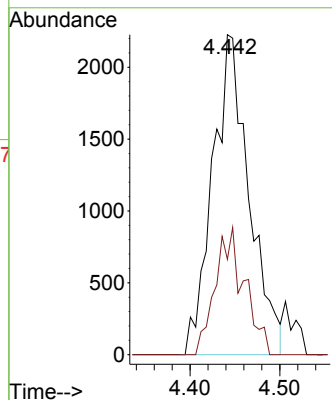
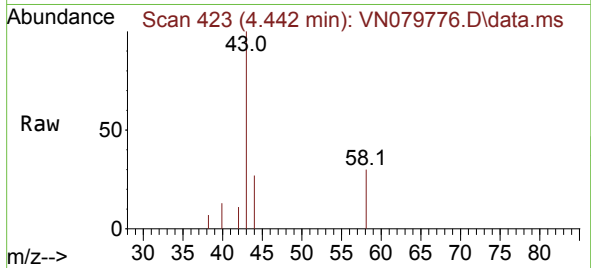




#16
Acetone
Concen: 5.046 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079776.D
Acq: 01 Nov 2023 17:07

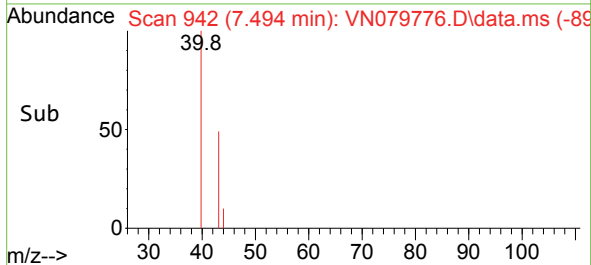
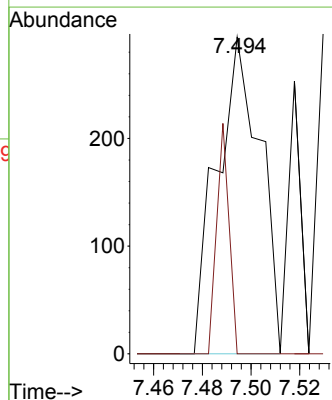
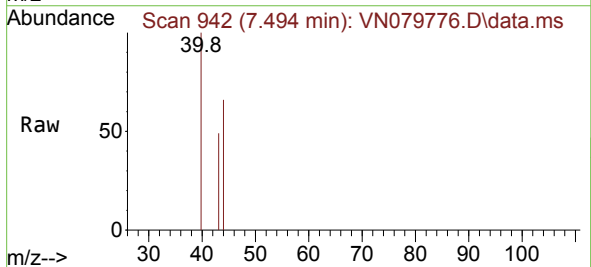
Instrument :
MSVOA_N
ClientSampleId :

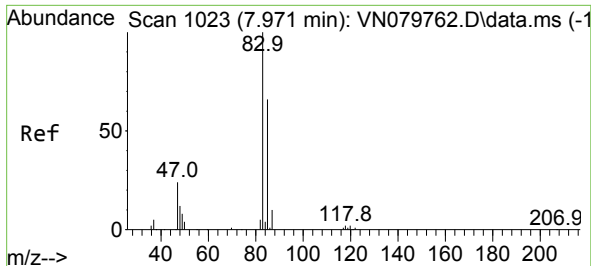
Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0



#25
2-Butanone
Concen: 0.200 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079776.D
Acq: 01 Nov 2023 17:07

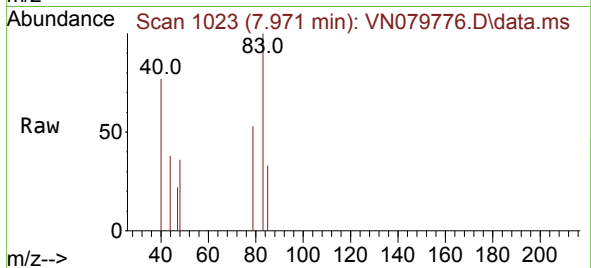
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



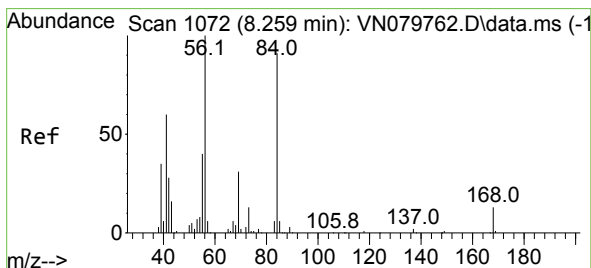
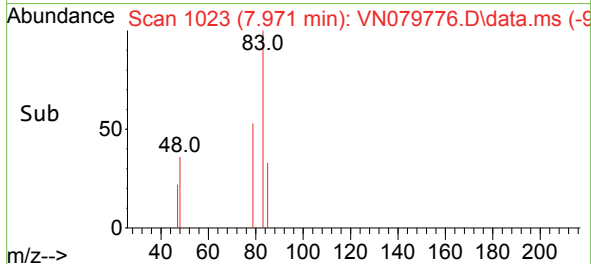
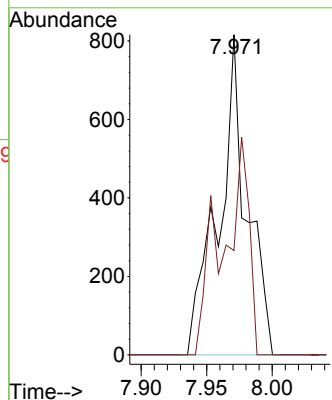


#30
Chloroform
Concen: 0.207 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079776.D
Acq: 01 Nov 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :

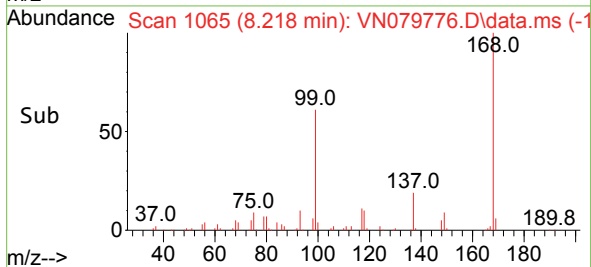
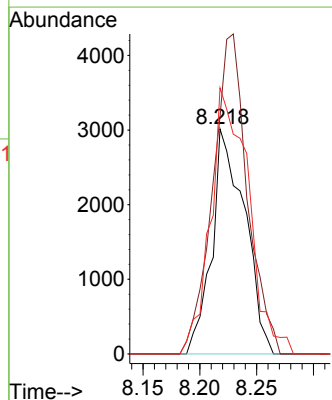
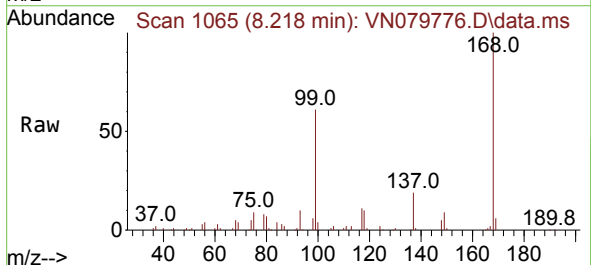


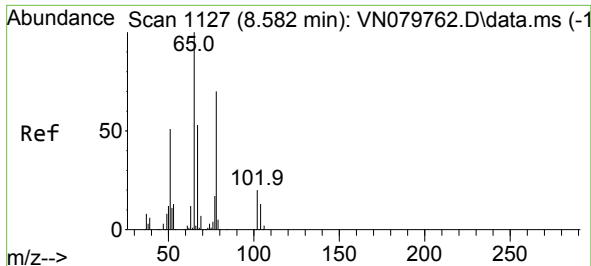
Tgt Ion: 83 Resp: 1216
Ion Ratio Lower Upper
83 100
85 32.6 55.4 83.0#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN079776.D
Acq: 01 Nov 2023 17:07

Tgt Ion: 56 Resp: 6050
Ion Ratio Lower Upper
56 100
69 105.6 26.8 40.2#
84 118.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 53.725 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

Instrument :

MSVOA_N

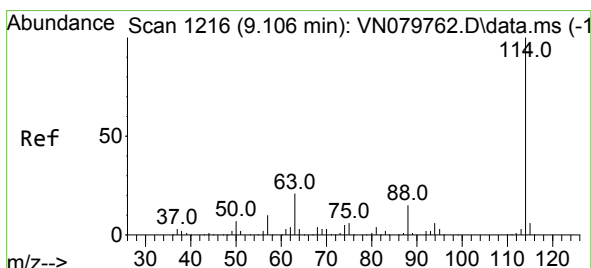
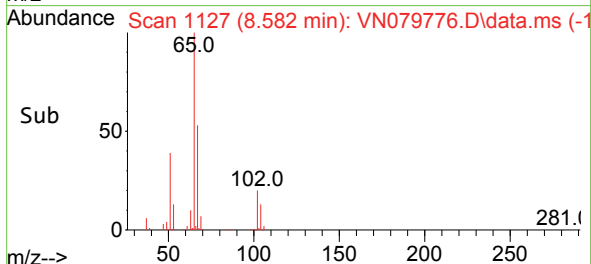
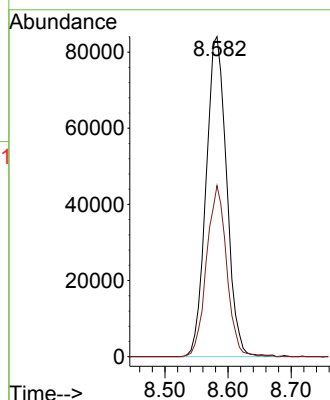
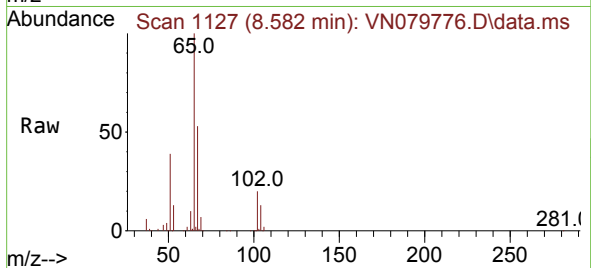
ClientSampleId :

Tgt Ion: 65 Resp: 190541

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

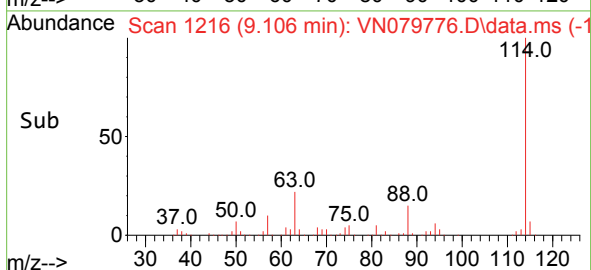
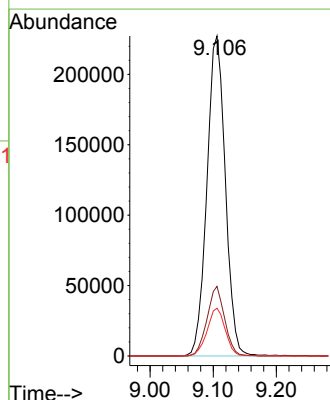
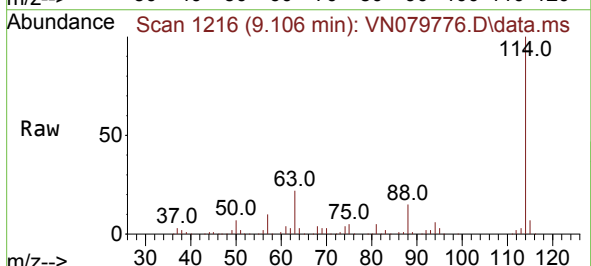
Tgt Ion: 114 Resp: 460599

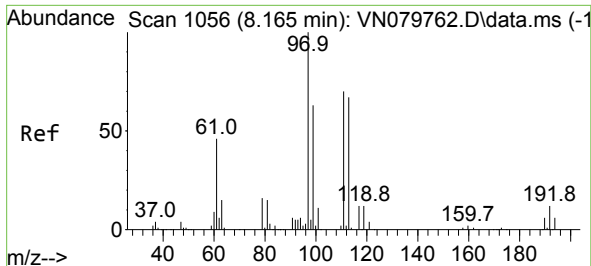
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.201 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

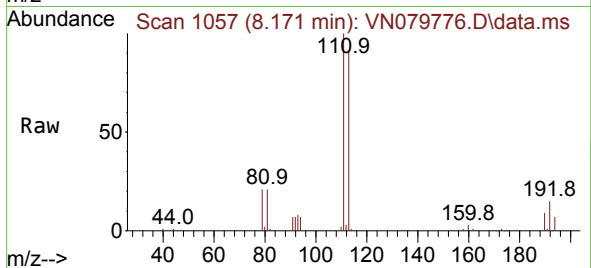
Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :



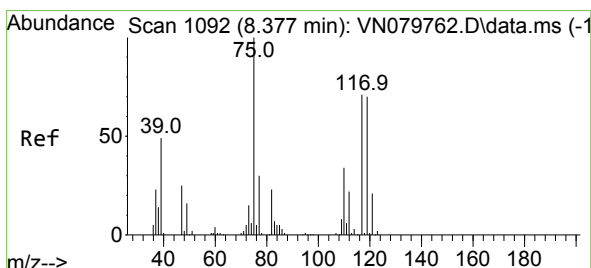
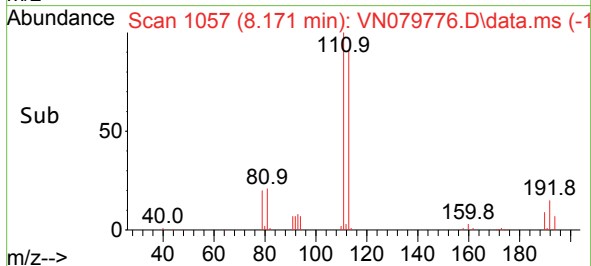
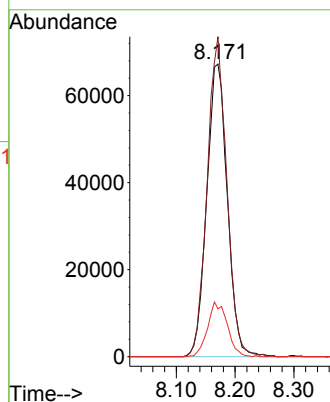
Tgt Ion:113 Resp: 163653

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.460 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

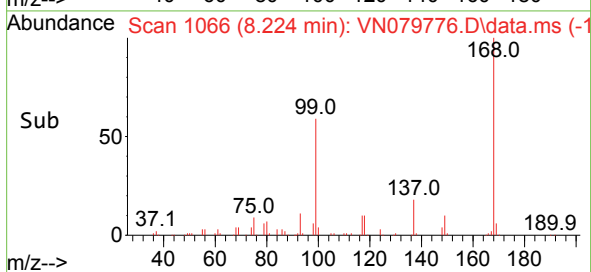
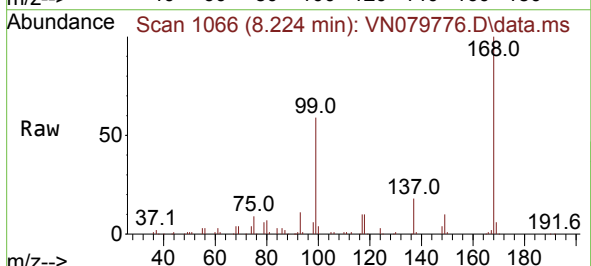
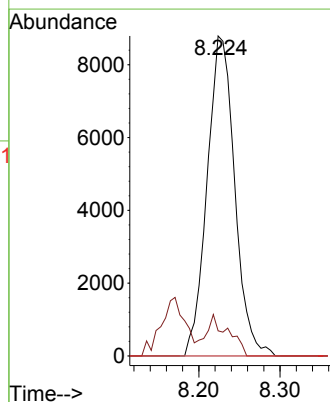
Tgt Ion: 75 Resp: 20758

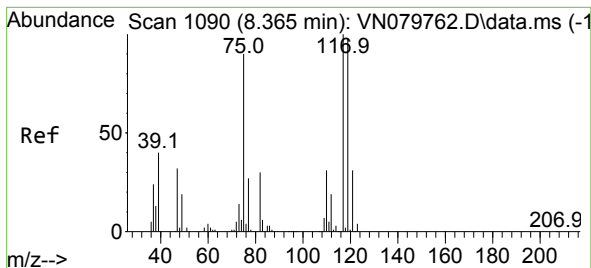
Ion Ratio Lower Upper

75 100

110 9.9 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.335 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

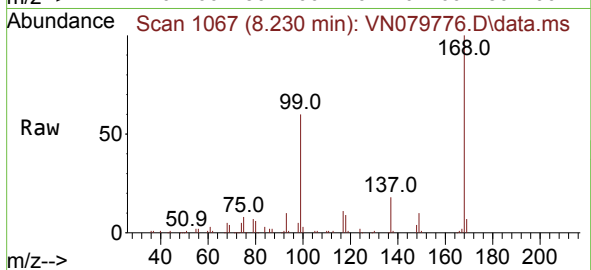
Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :



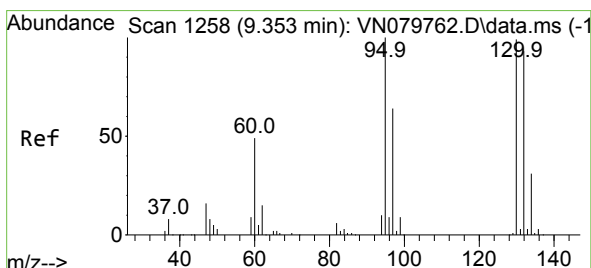
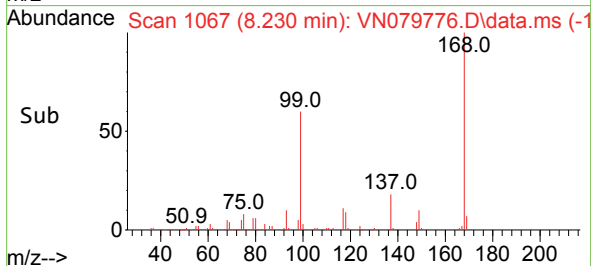
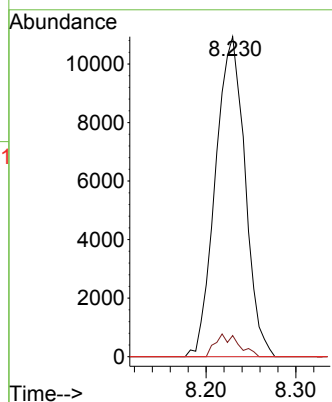
Tgt Ion:117 Resp: 25025

Ion Ratio Lower Upper

117 100

119 6.6 77.3 115.9#

121 0.0 23.3 34.9#



#44

Trichloroethene

Concen: 1.084 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079776.D

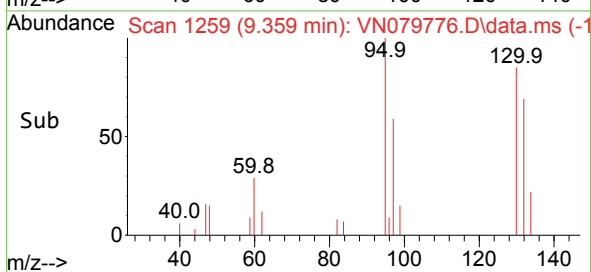
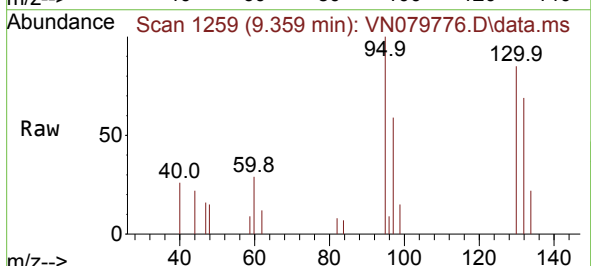
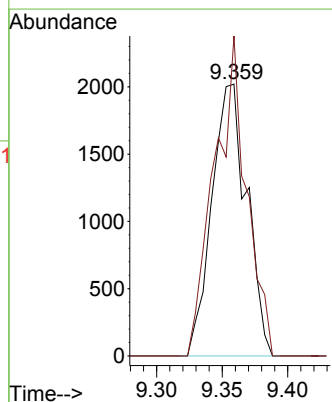
Acq: 01 Nov 2023 17:07

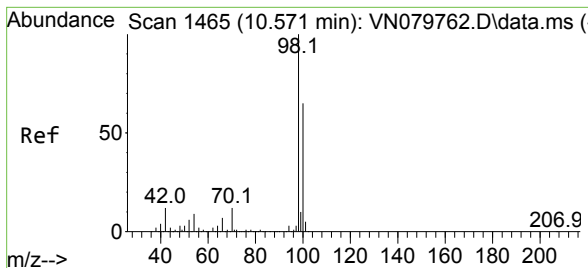
Tgt Ion:130 Resp: 3749

Ion Ratio Lower Upper

130 100

95 117.7 0.0 204.6





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

Instrument :

MSVOA_N

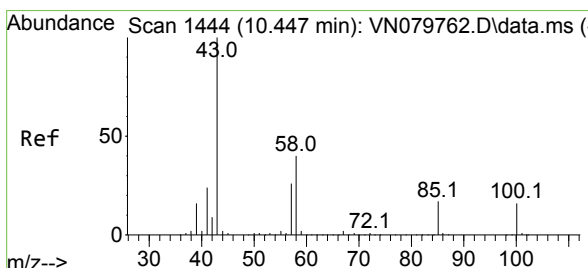
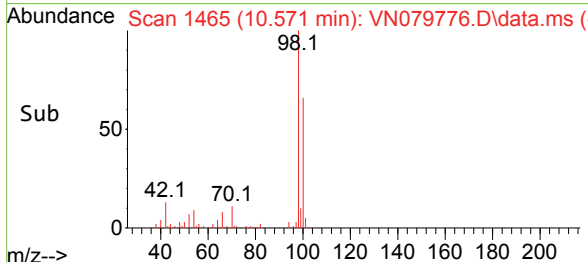
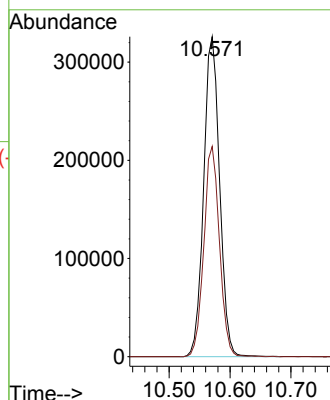
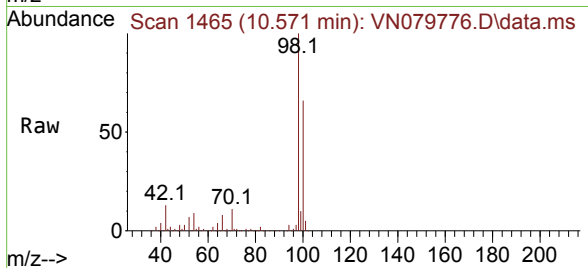
ClientSampleId :

Tgt Ion: 98 Resp: 592875

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.771 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN079776.D

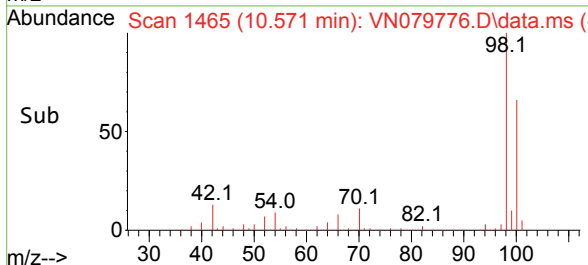
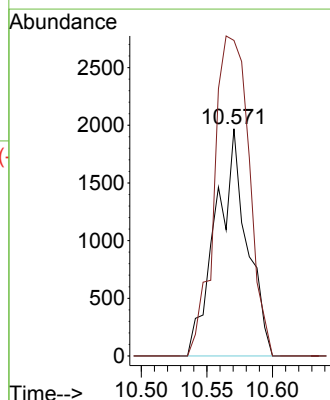
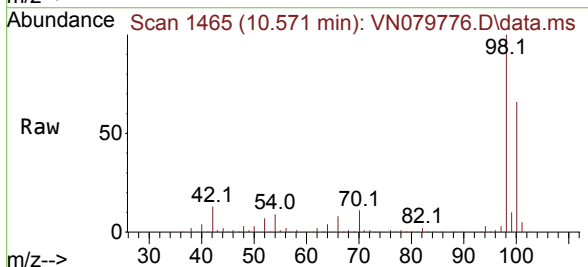
Acq: 01 Nov 2023 17:07

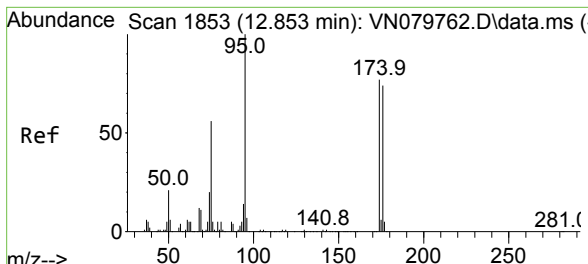
Tgt Ion: 43 Resp: 3250

Ion Ratio Lower Upper

43 100

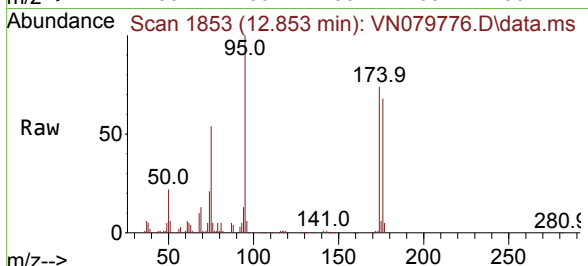
58 157.9 36.6 54.8#



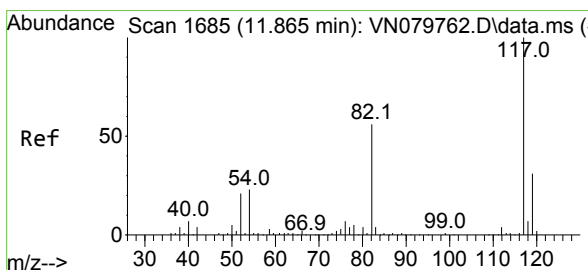
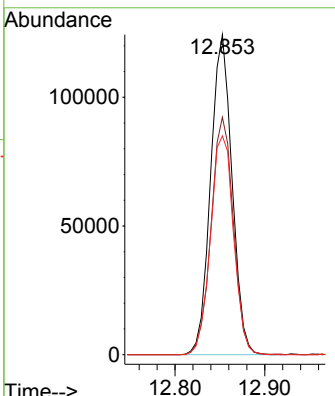
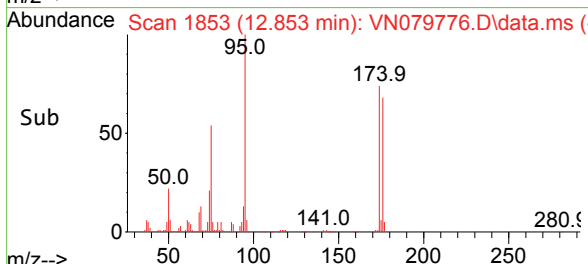


#62
 4-Bromofluorobenzene
 Concen: 51.699 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079776.D
 Acq: 01 Nov 2023 17:07

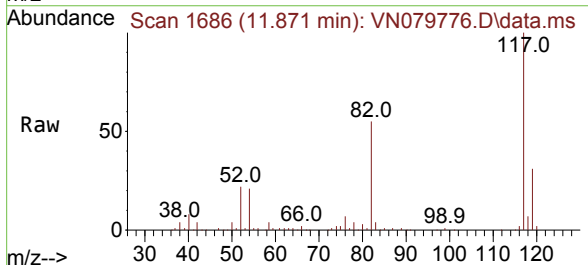
Instrument :
 MSVOA_N
 ClientSampleId :



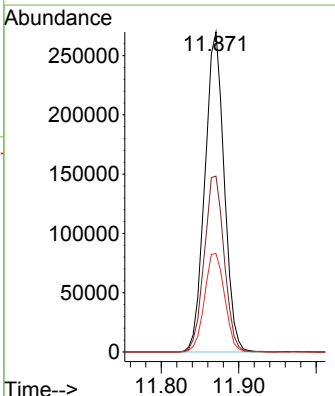
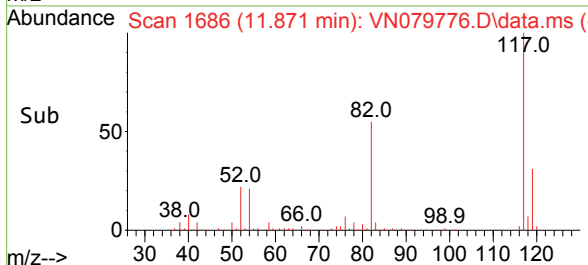
Tgt Ion:	95	Resp:	205768
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	143.8
176	73.8	0.0	135.8

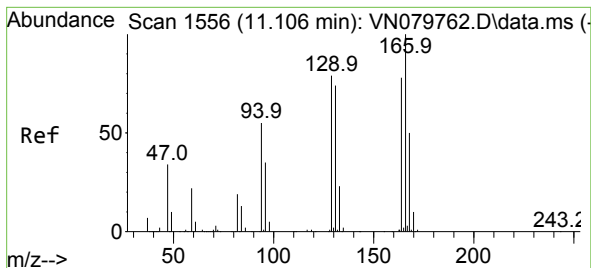


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079776.D
 Acq: 01 Nov 2023 17:07



Tgt Ion:	117	Resp:	466849
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.0	66.0
119	30.8	25.6	38.4





#64

Tetrachloroethene

Concen: 0.482 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.000 min

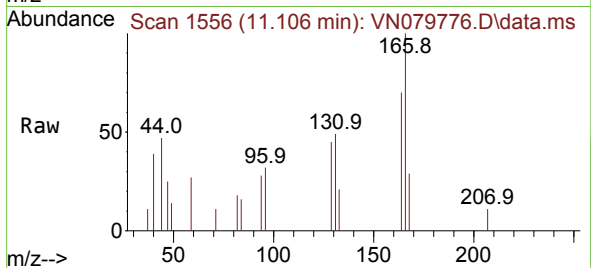
Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 1456

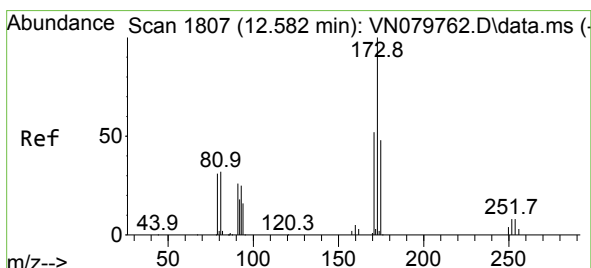
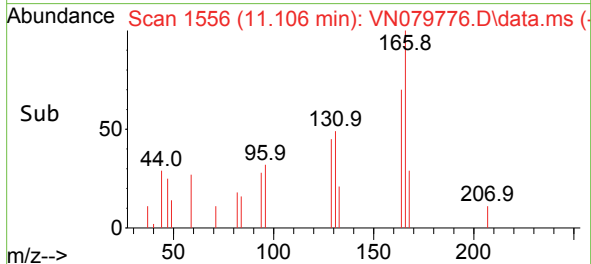
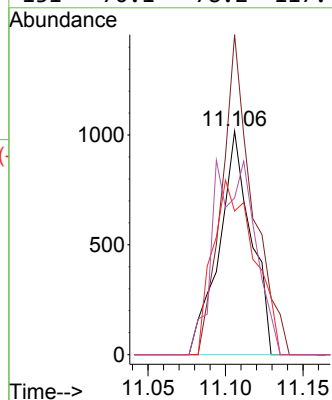
Ion Ratio Lower Upper

164 100

166 143.1 101.4 152.0

129 64.2 82.4 123.6#

131 70.1 78.2 117.4#



#71

Bromoform

Concen: 0.743 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN079776.D

Acq: 01 Nov 2023 17:07

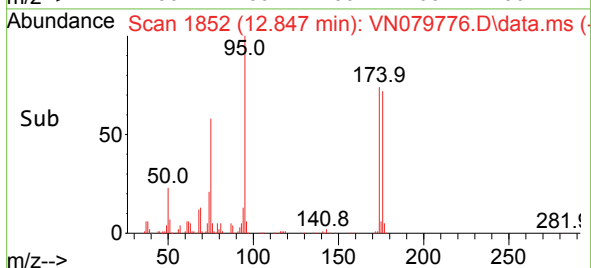
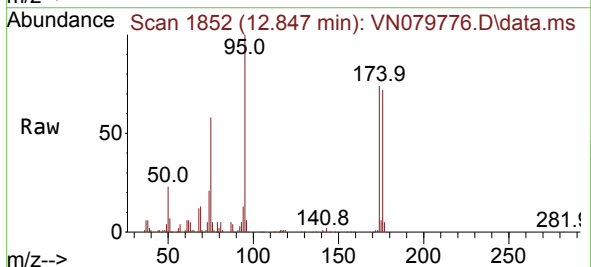
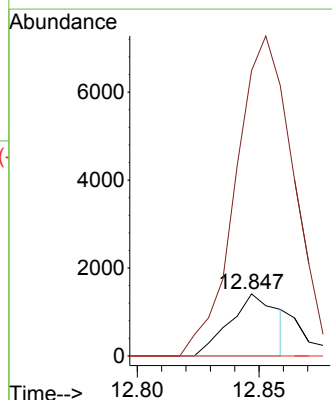
Tgt Ion:173 Resp: 1924

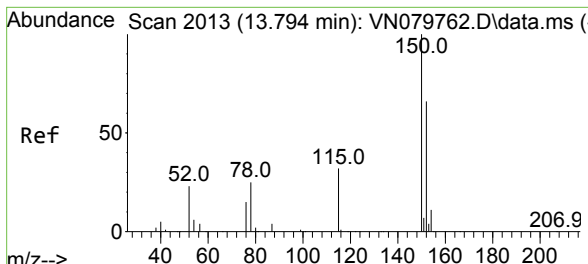
Ion Ratio Lower Upper

173 100

175 501.5 24.3 73.0#

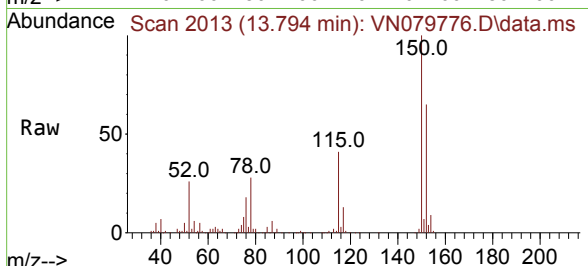
254 0.0 0.0 0.0



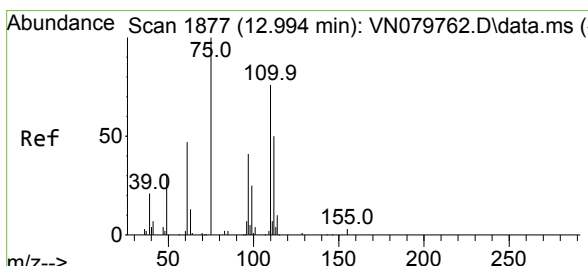
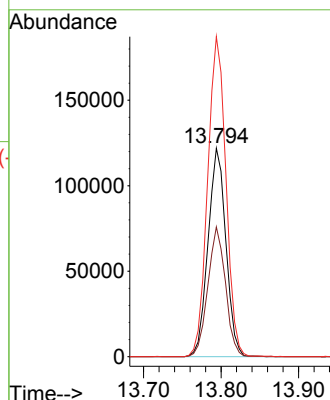
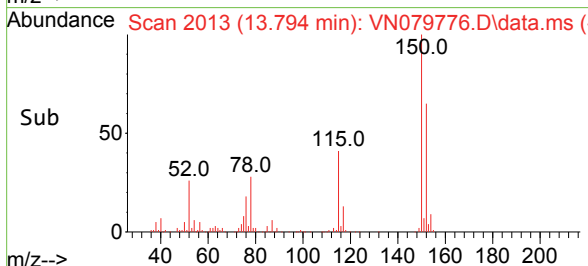


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079776.D
 Acq: 01 Nov 2023 17:07

Instrument :
 MSVOA_N
 ClientSampleId :

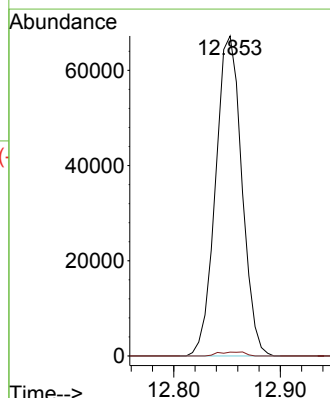
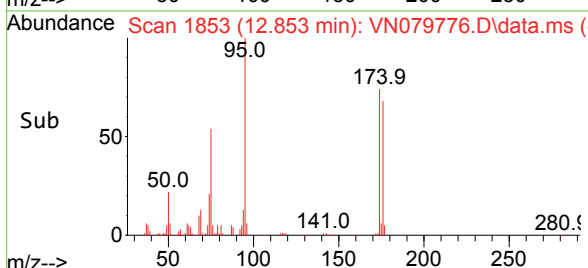
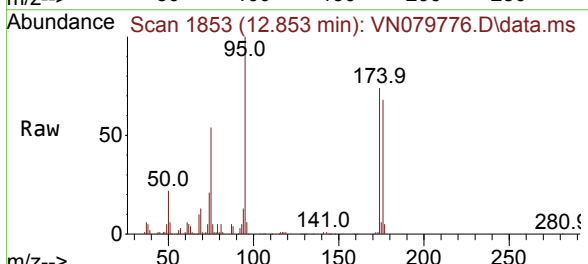


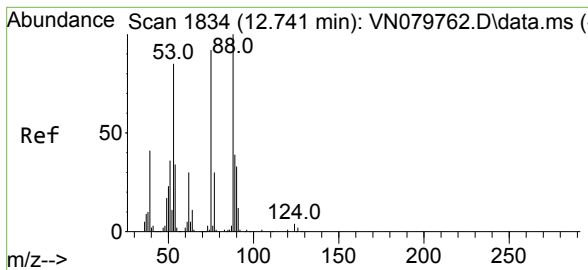
Tgt Ion:152 Resp: 195362
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 156.9 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.130 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079776.D
 Acq: 01 Nov 2023 17:07

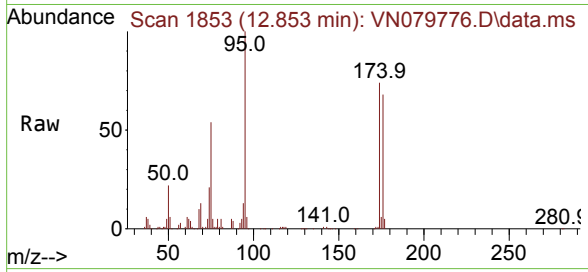
Tgt Ion: 75 Resp: 115259
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.373 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079776.D
 Acq: 01 Nov 2023 17:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 115259
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

