

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079856.D
 Acq On : 03 Nov 2023 18:03
 Operator : JC\MD
 Sample : 05220-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-11

Quant Time: Nov 04 00:56:00 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)

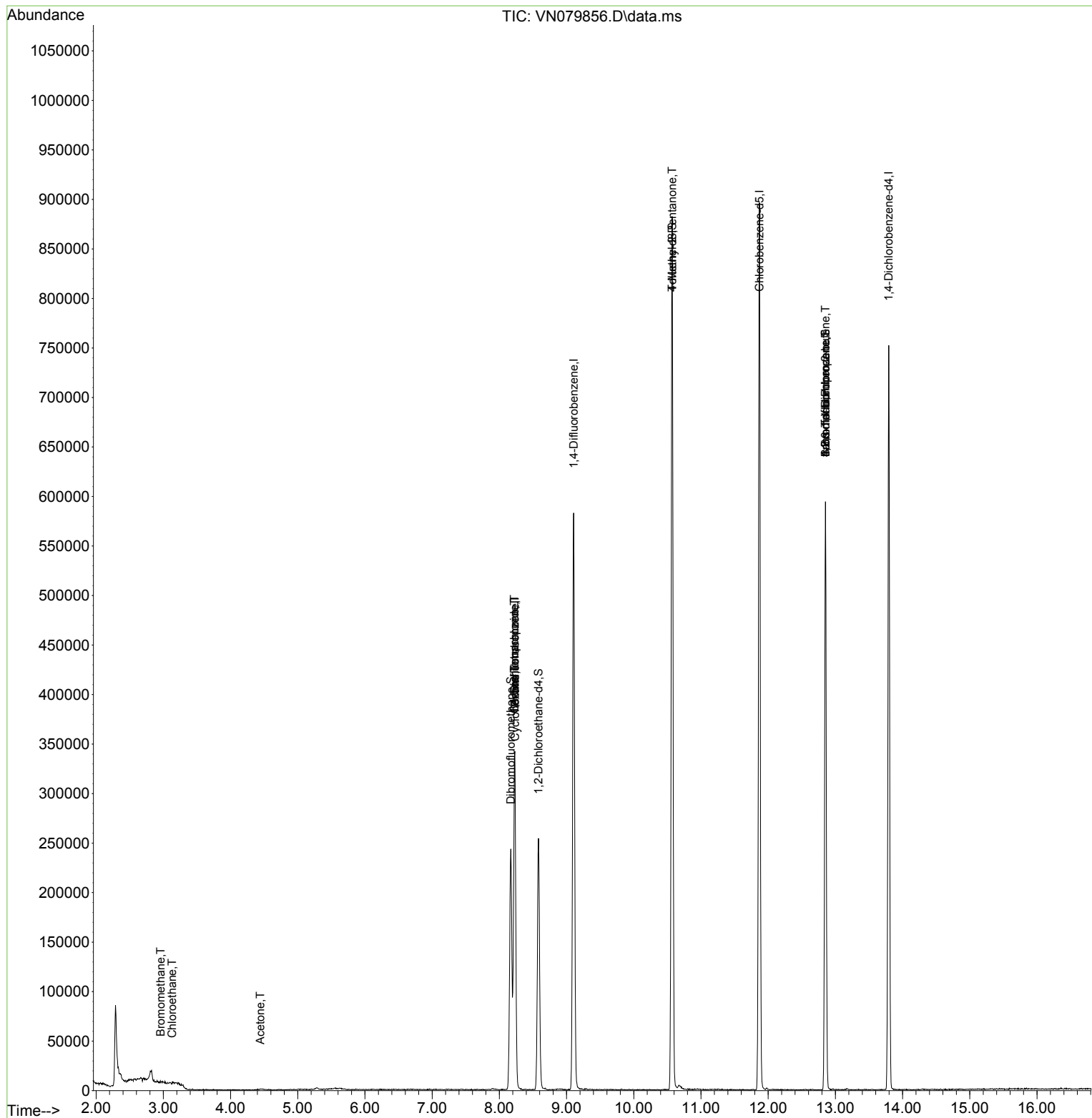
Internal Standards						
1) Pentafluorobenzene	8.230	168	241529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	499215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207149	56.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.580%	
35) Dibromofluoromethane	8.171	113	171471	50.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	10.571	98	582813	46.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.000%	
62) 4-Bromofluorobenzene	12.853	95	194902	46.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1864	Below Cal	#	82
5) Bromomethane	2.959	94	562	0.243	ug/l #	5
6) Chloroethane	3.130	64	942	0.313	ug/l #	43
16) Acetone	4.442	43	779	0.603	ug/l #	40
31) Cyclohexane	8.235	56	6151	1.265	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	21475	4.417	ug/l #	48
38) Carbon Tetrachloride	8.224	117	26091	5.325	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	2790	0.634	ug/l #	1
71) Bromoform	12.853	173	1572	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109784	24.683	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109784	67.155	ug/l #	15

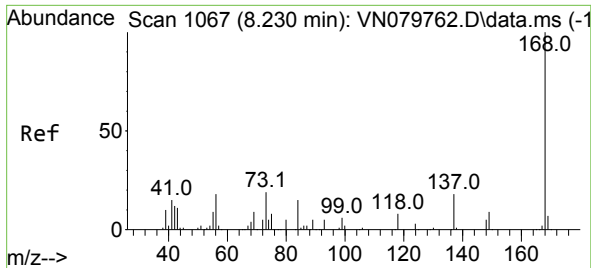
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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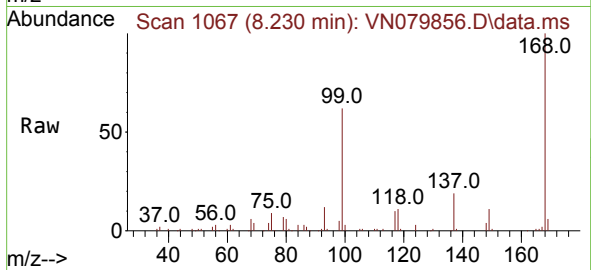
Quant Time: Nov 04 00:56:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
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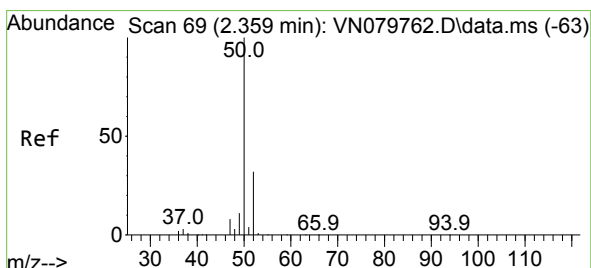
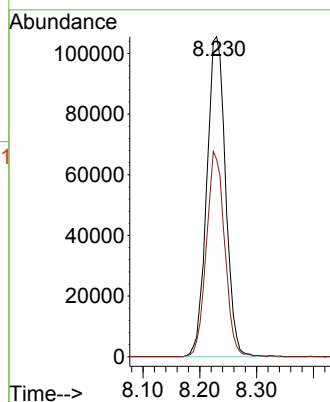
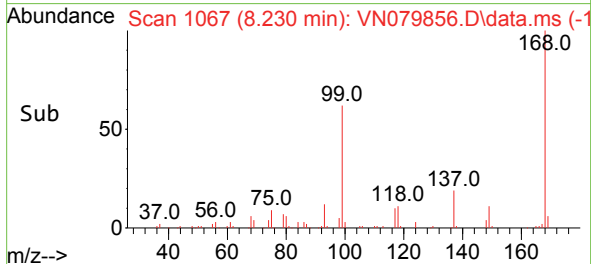


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
TB-11

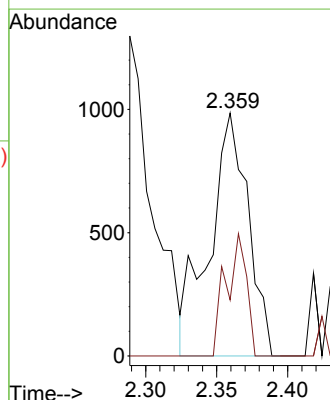
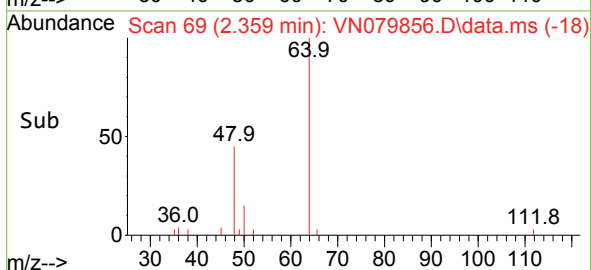
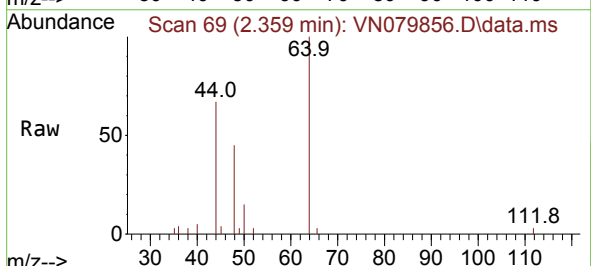


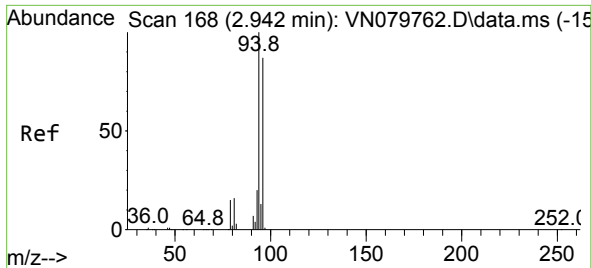
Tgt Ion:168 Resp: 241529
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion: 50 Resp: 1864
Ion Ratio Lower Upper
50 100
52 23.0 26.5 39.7#

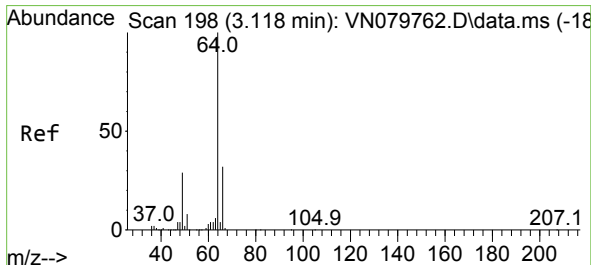
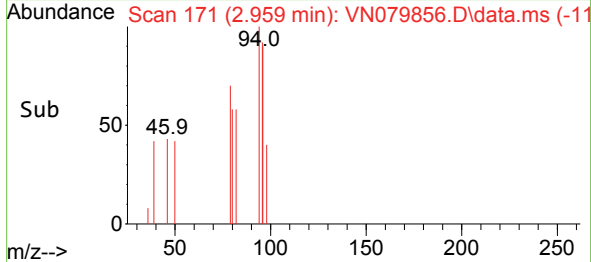
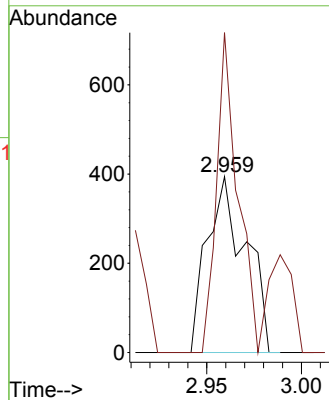
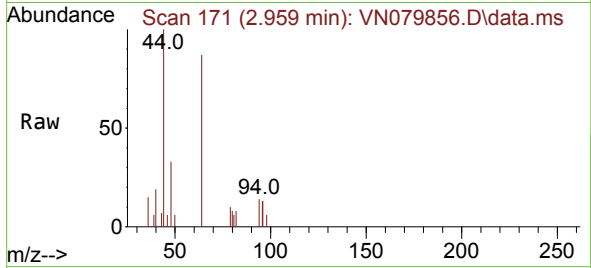




#5
Bromomethane
Concen: 0.243 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

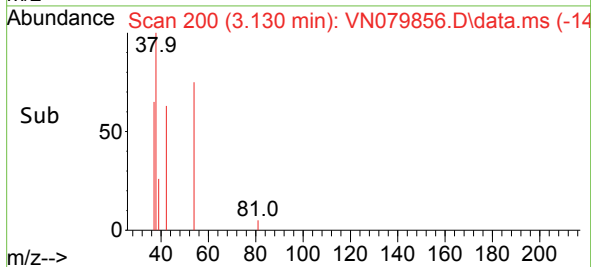
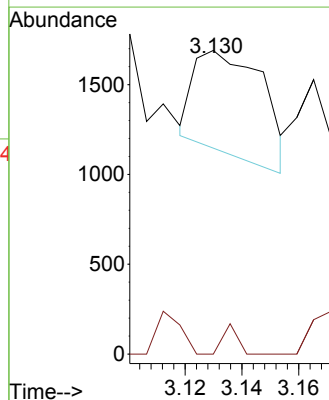
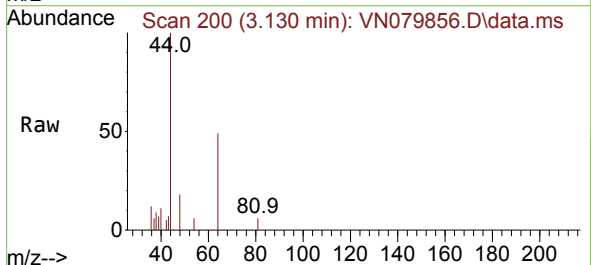
Instrument :
MSVOA_N
ClientSampleId :
TB-11

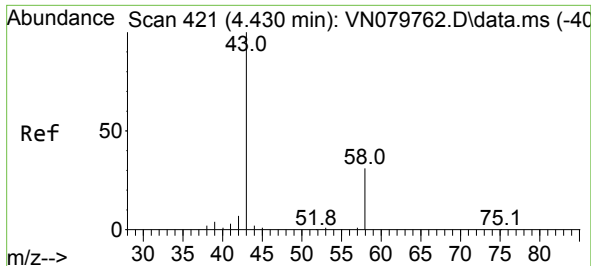
Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 182.0 73.1 109.7#



#6
Chloroethane
Concen: 0.313 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion: 64 Resp: 942
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

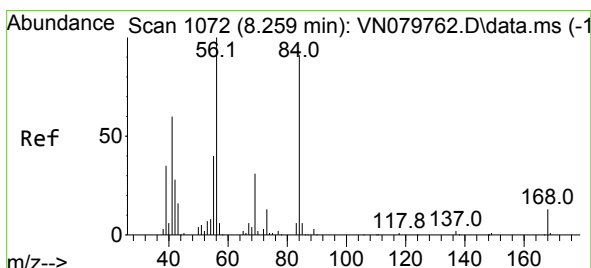
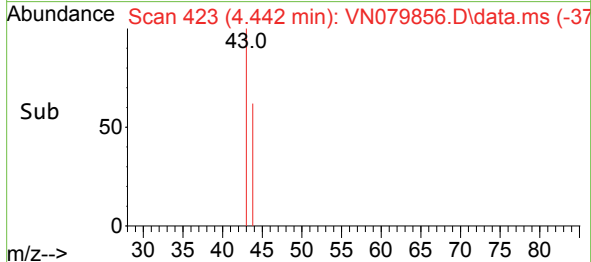
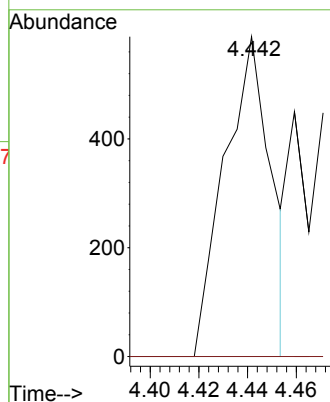
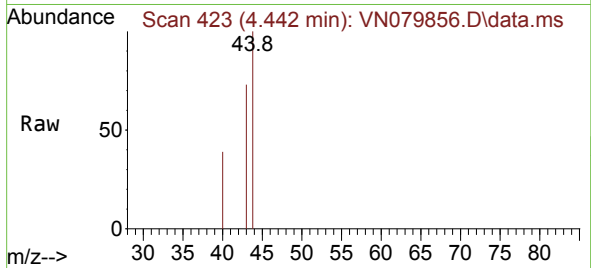




#16
Acetone
Concen: 0.603 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

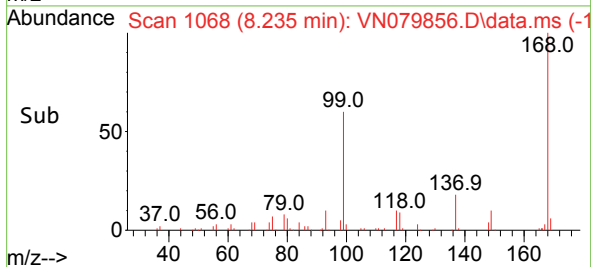
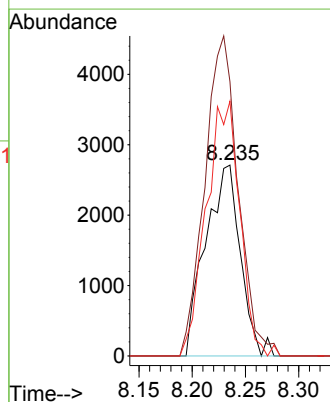
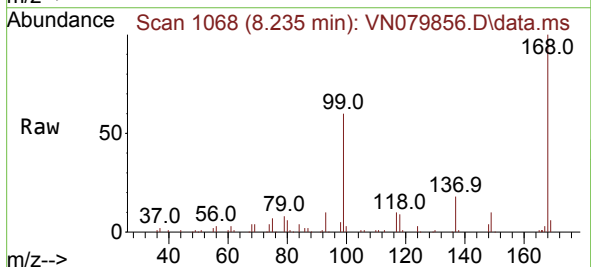
Instrument :
MSVOA_N
ClientSampleId :
TB-11

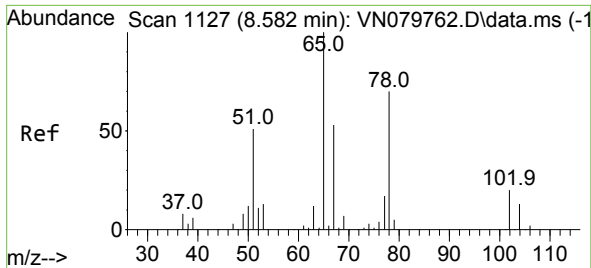
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion: 56 Resp: 6151
Ion Ratio Lower Upper
56 100
69 143.6 26.8 40.2#
84 133.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.294 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079856.D

Acq: 03 Nov 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

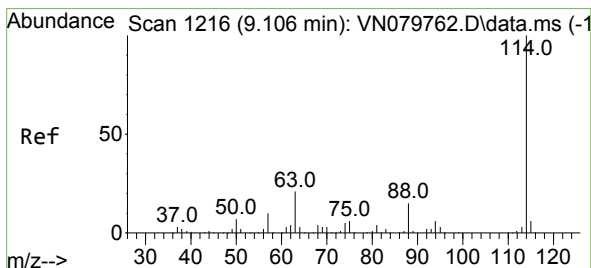
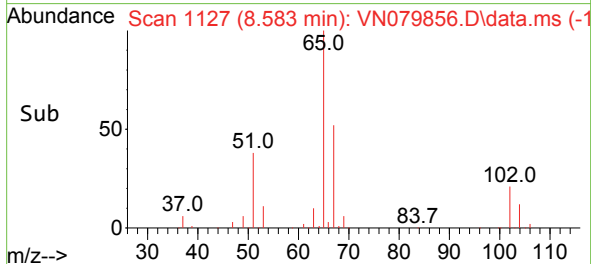
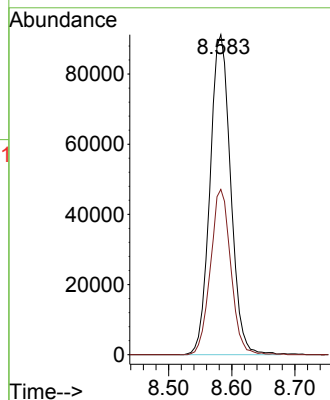
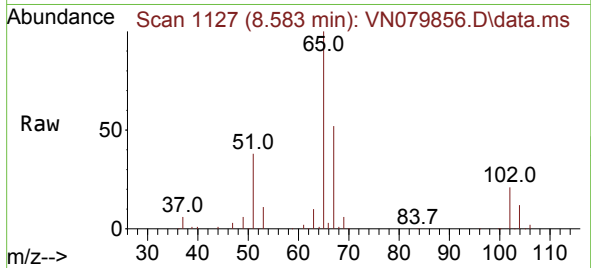
TB-11

Tgt Ion: 65 Resp: 207149

Ion Ratio Lower Upper

65 100

67 50.7 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: VN079856.D

Acq: 03 Nov 2023 18:03

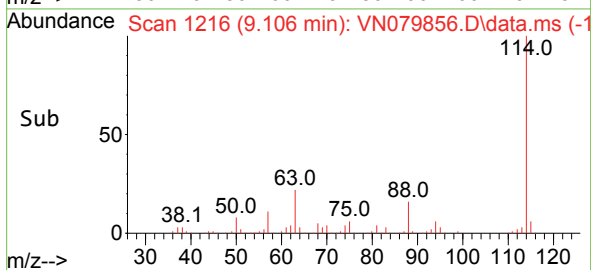
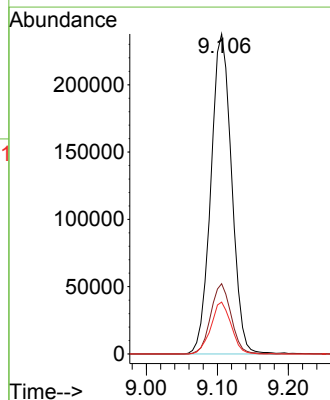
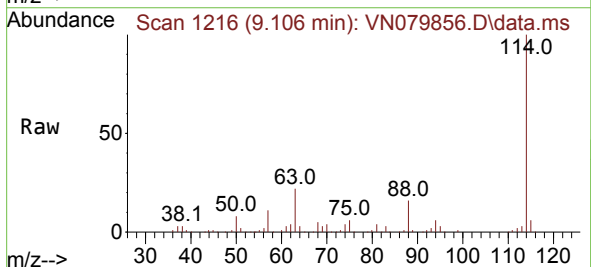
Tgt Ion: 114 Resp: 481082

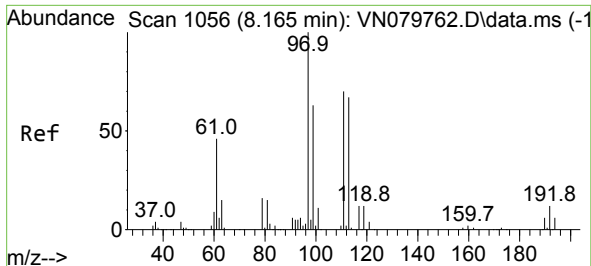
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.360 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079856.D

Acq: 03 Nov 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

TB-11

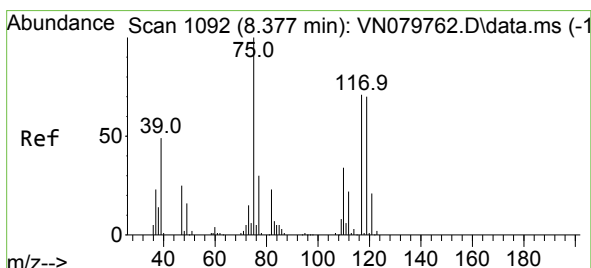
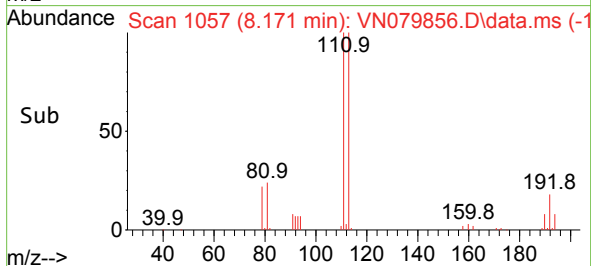
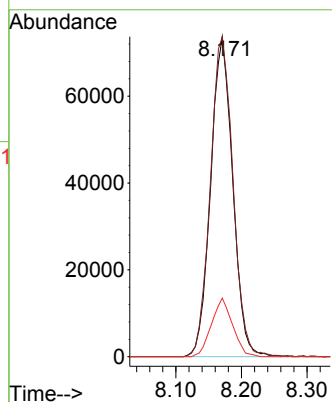
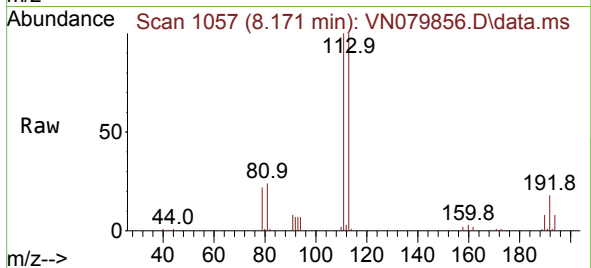
Tgt Ion:113 Resp: 171471

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.417 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079856.D

Acq: 03 Nov 2023 18:03

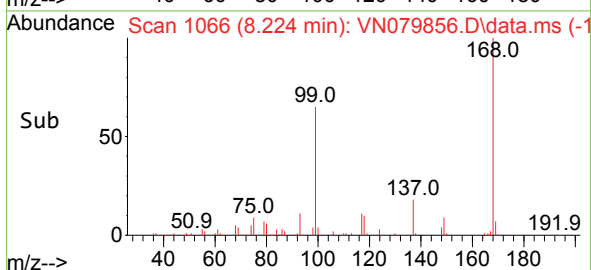
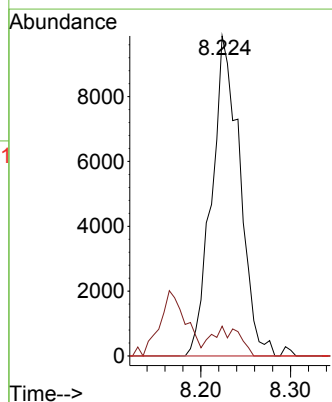
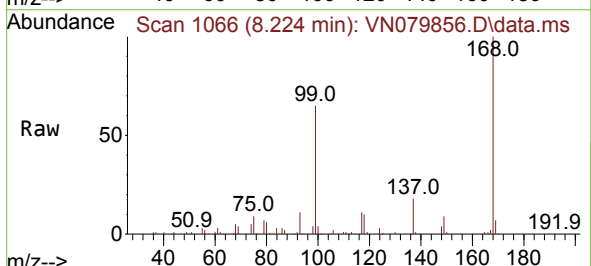
Tgt Ion: 75 Resp: 21475

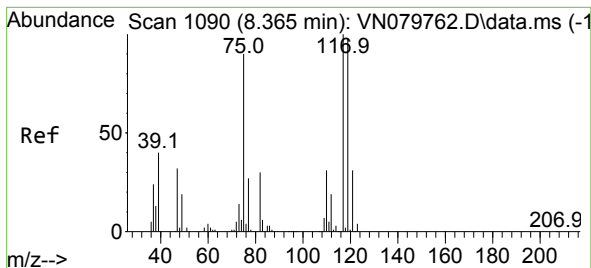
Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.325 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN079856.D

Acq: 03 Nov 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

TB-11

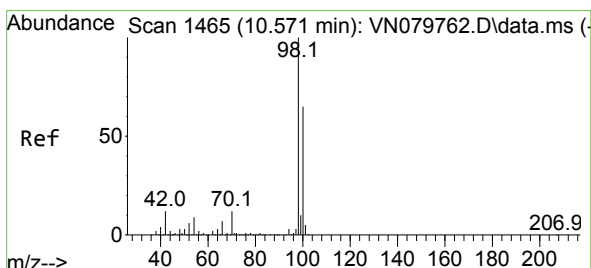
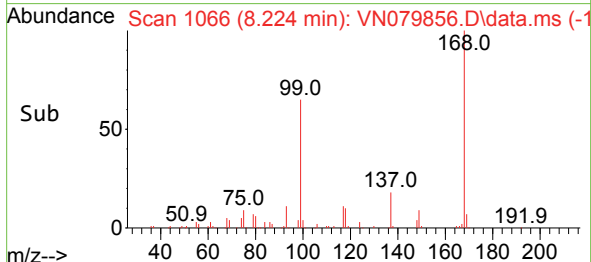
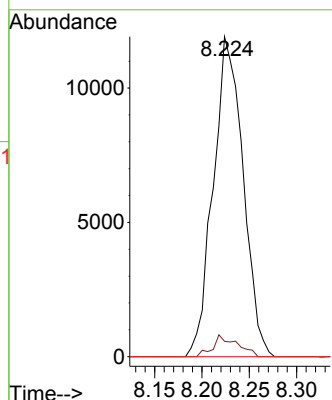
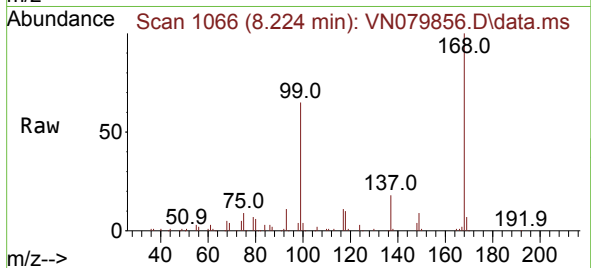
Tgt Ion:117 Resp: 26091

Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 46.496 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079856.D

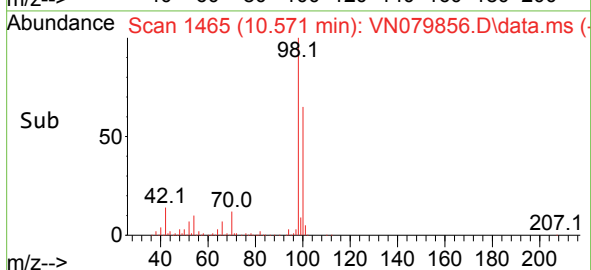
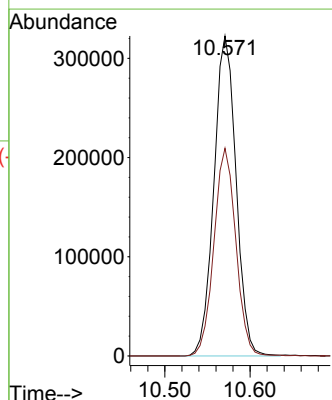
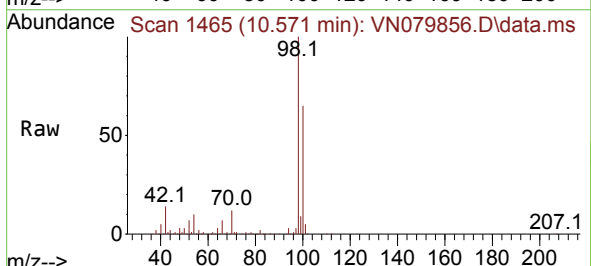
Acq: 03 Nov 2023 18:03

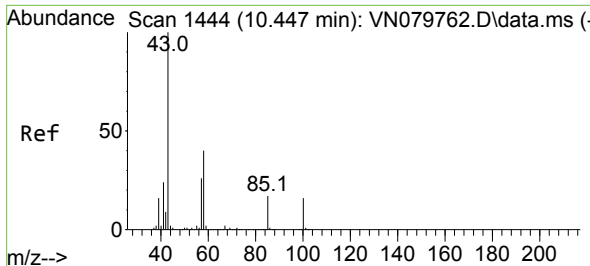
Tgt Ion: 98 Resp: 582813

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

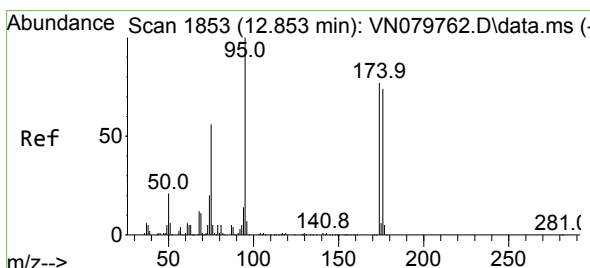
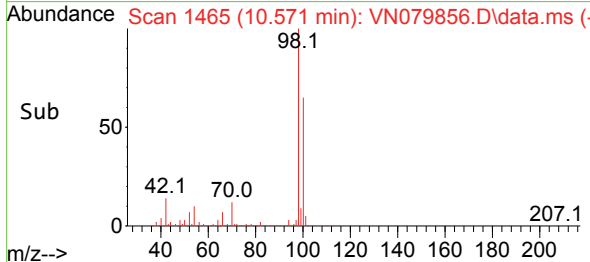
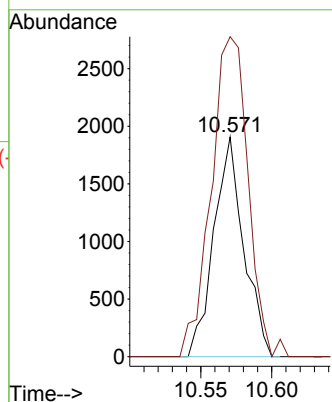
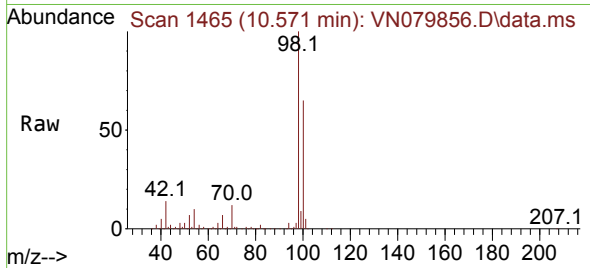




#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

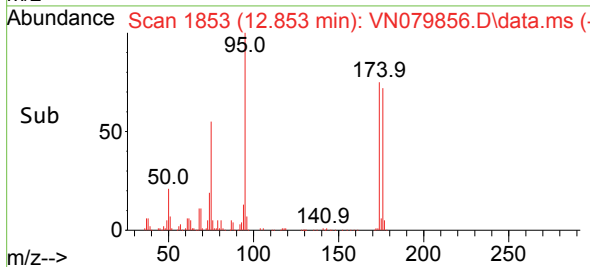
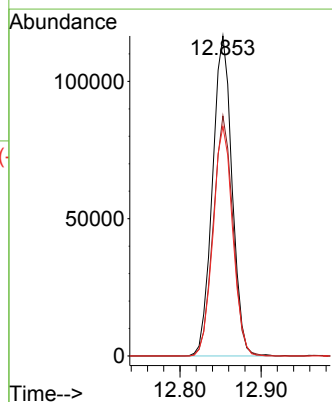
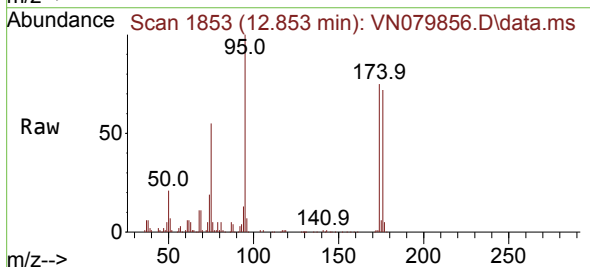
Instrument :
MSVOA_N
ClientSampleId :
TB-11

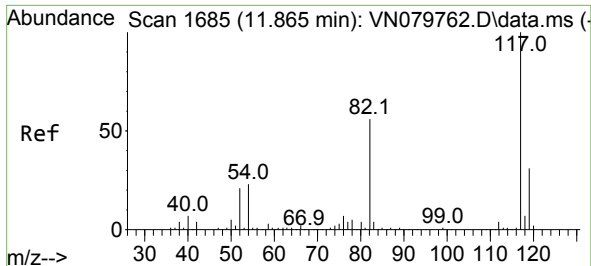
Tgt Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
58 180.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.884 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion: 95 Resp: 194902
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.2 0.0 135.8

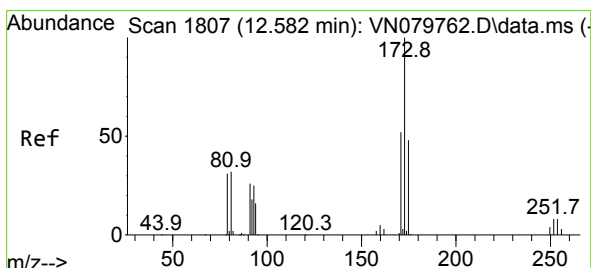
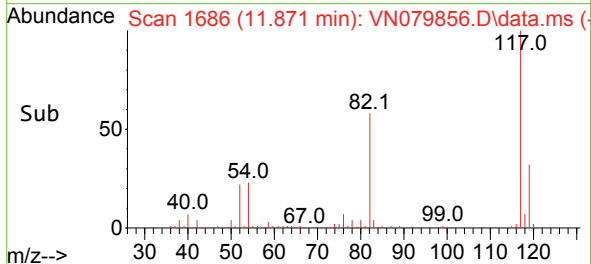
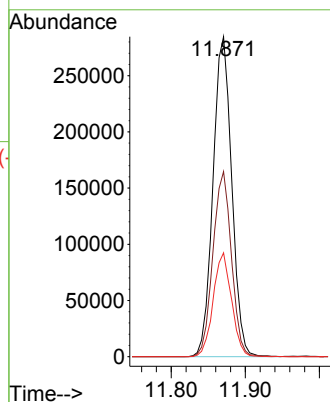
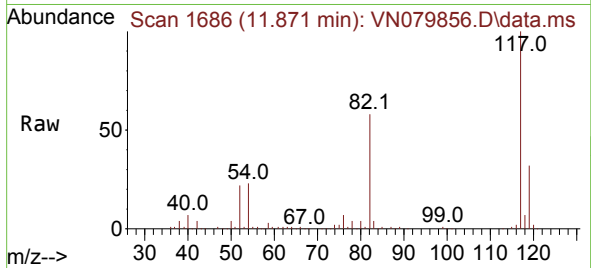




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

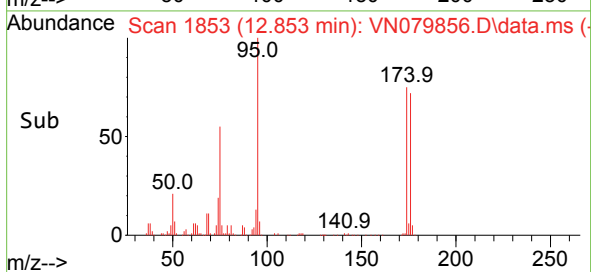
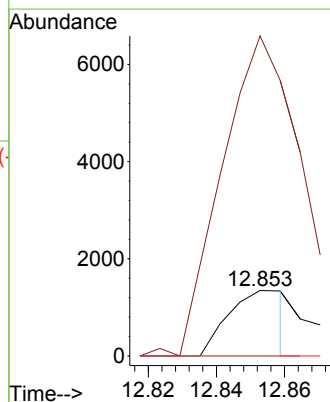
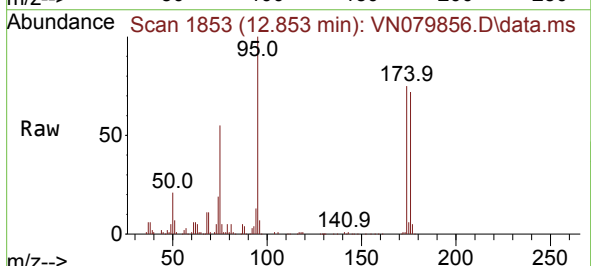
Instrument :
MSVOA_N
ClientSampleId :
TB-11

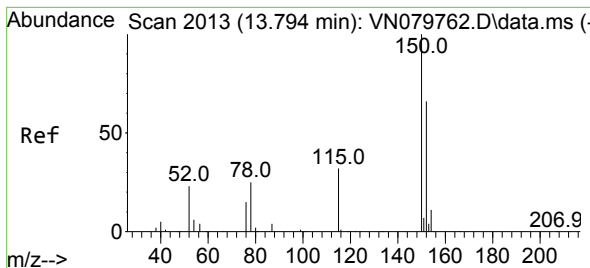
Tgt Ion:117 Resp: 499215
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.5 25.6 38.4



#71
Bromoform
Concen: 0.567 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079856.D
Acq: 03 Nov 2023 18:03

Tgt Ion:173 Resp: 1572
Ion Ratio Lower Upper
173 100
175 525.6 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: VN079856.D

Acq: 03 Nov 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

TB-11

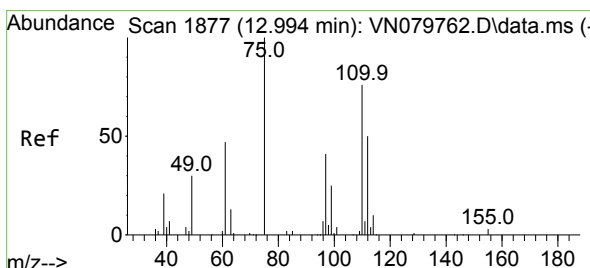
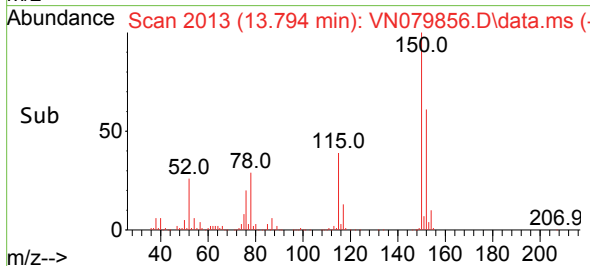
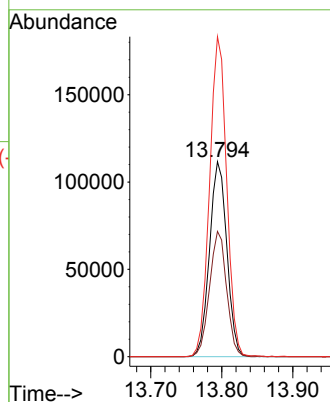
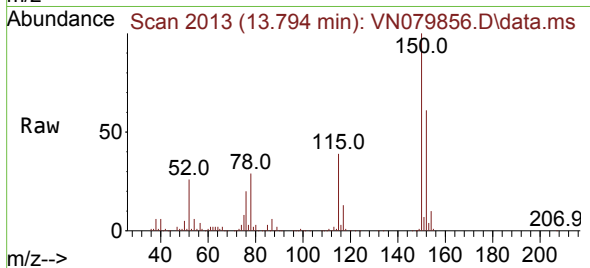
Tgt Ion:152 Resp: 189455

Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 161.2 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 24.683 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079856.D

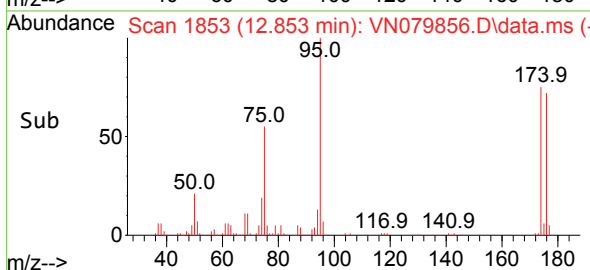
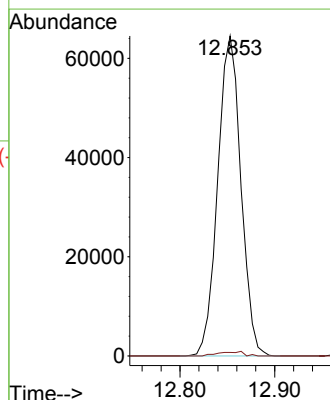
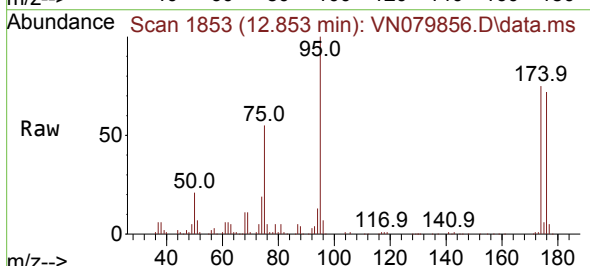
Acq: 03 Nov 2023 18:03

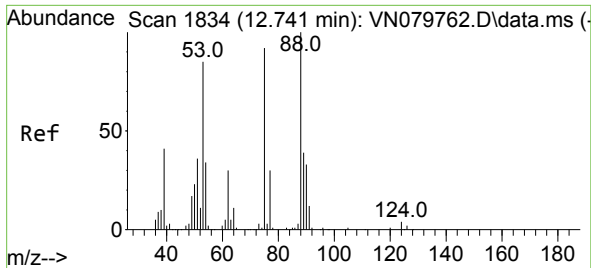
Tgt Ion: 75 Resp: 109784

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.155 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079856.D
 Acq: 03 Nov 2023 18:03

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-11

Tgt Ion: 75 Resp: 109784
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.1 38.8 58.2#

