

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079849.D
 Acq On : 03 Nov 2023 15:16
 Operator : JC\MD
 Sample : 05225-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:53:20 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	245179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	487724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	501721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206754	55.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.700%
35) Dibromofluoromethane	8.171	113	168889	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	10.571	98	587599	46.239	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.853	95	196976	46.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.480%

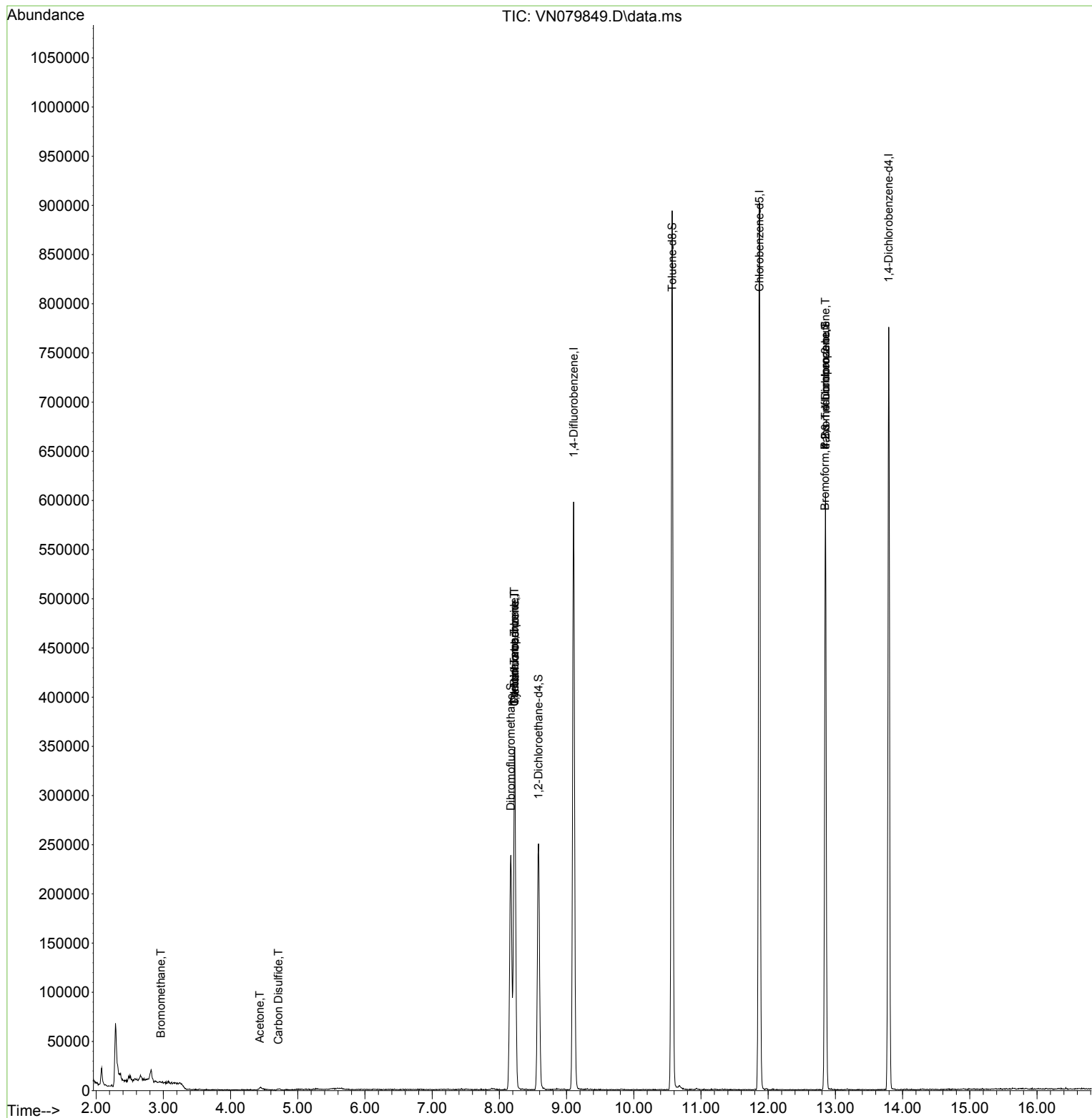
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.365	50	2247	Below Cal	#	82
5) Bromomethane	2.965	94	725	0.309	ug/l #	49
16) Acetone	4.436	43	2215	1.688	ug/l	94
17) Carbon Disulfide	4.712	76	1599	0.210	ug/l #	75
31) Cyclohexane	8.224	56	6765	1.371	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	21644	4.391	ug/l #	48
38) Carbon Tetrachloride	8.224	117	26161	5.267	ug/l #	15
71) Bromoform	12.847	173	1414	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	110397	23.786	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	110397	64.716	ug/l #	15

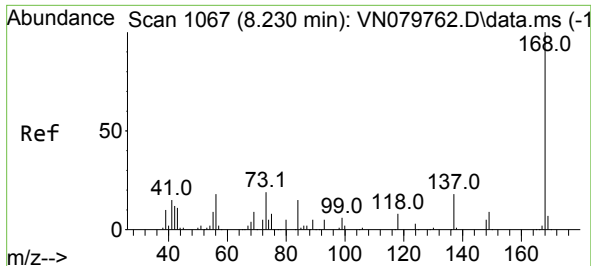
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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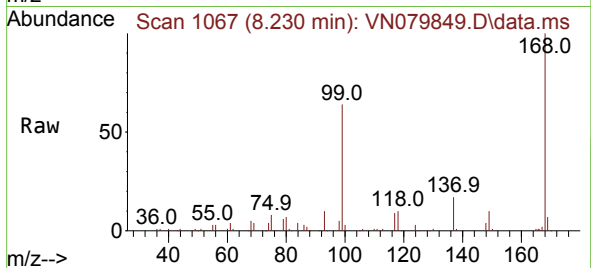
Quant Time: Nov 04 00:53:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
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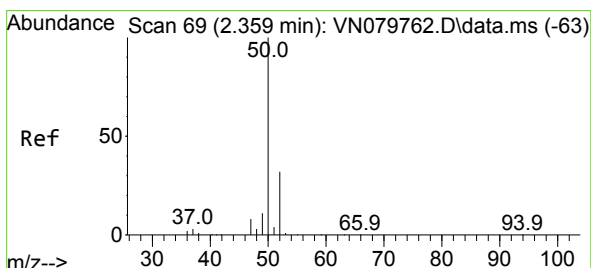
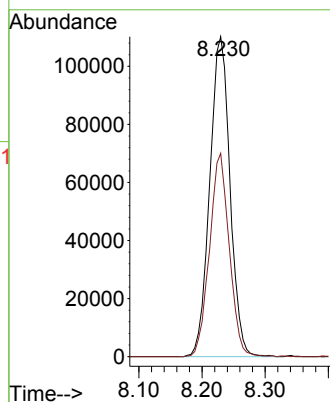
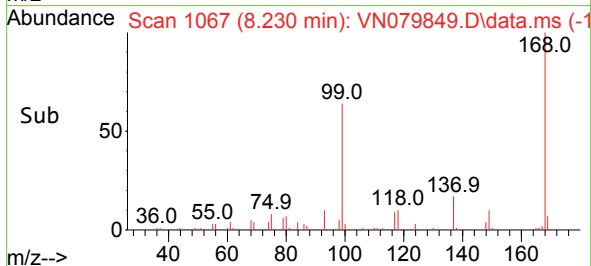


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :

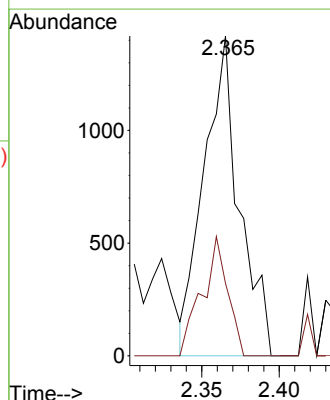
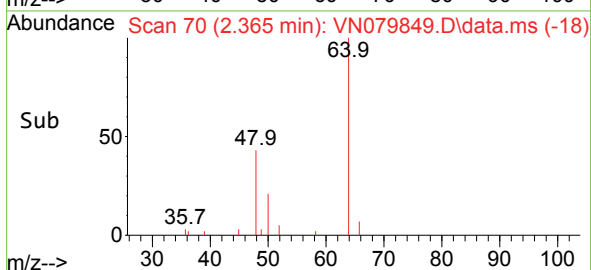
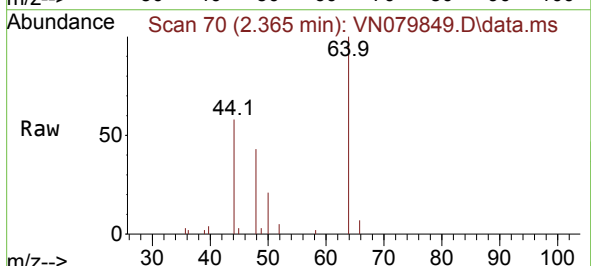


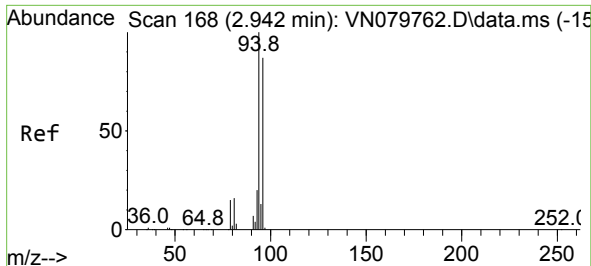
Tgt Ion:168 Resp: 245179
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Tgt Ion: 50 Resp: 2247
Ion Ratio Lower Upper
50 100
52 22.7 26.5 39.7#

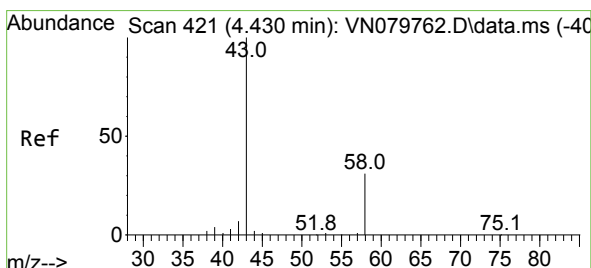
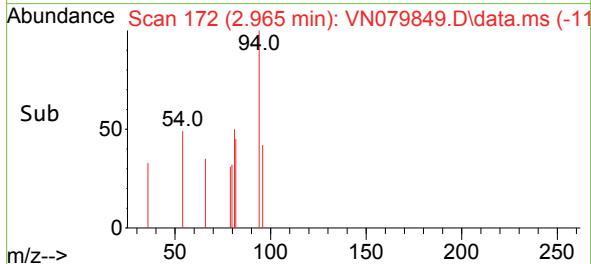
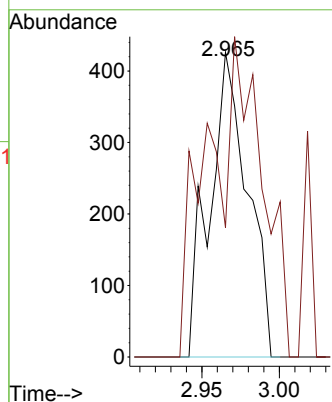
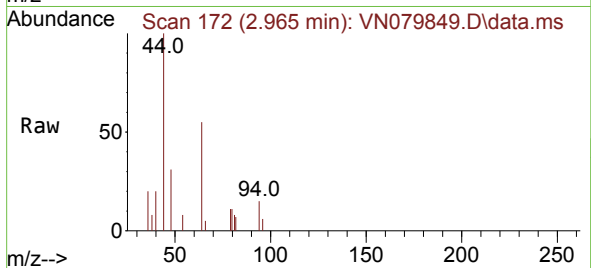




#5
Bromomethane
Concen: 0.309 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

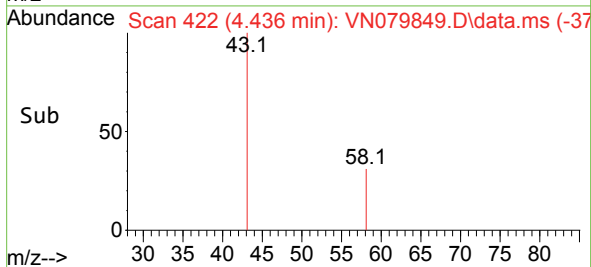
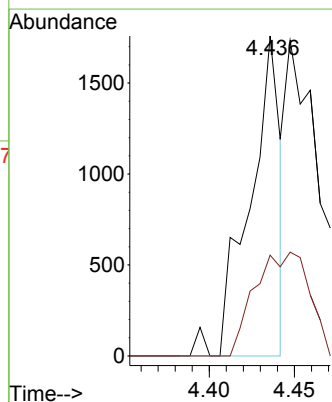
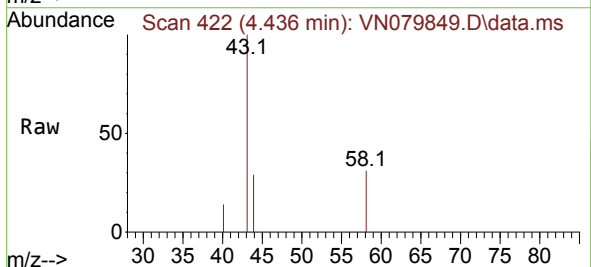
Instrument :
MSVOA_N
ClientSampleId :

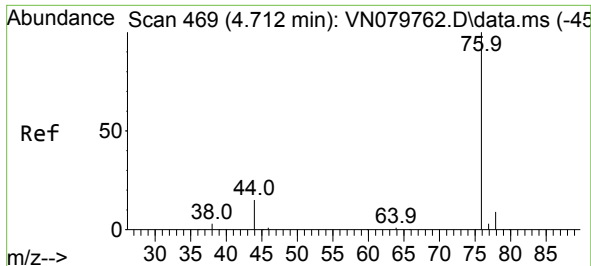
Tgt Ion: 94 Resp: 725
Ion Ratio Lower Upper
94 100
96 42.5 73.1 109.7#



#16
Acetone
Concen: 1.688 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

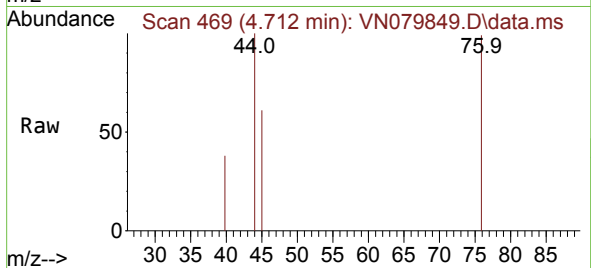
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0



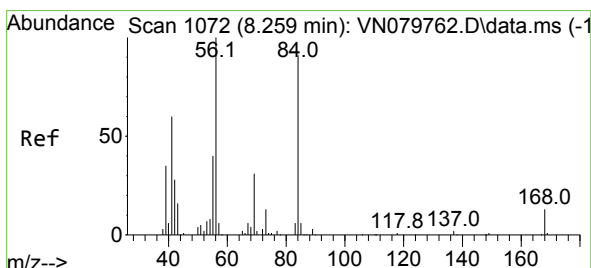
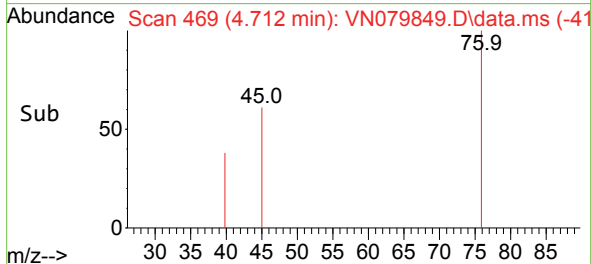
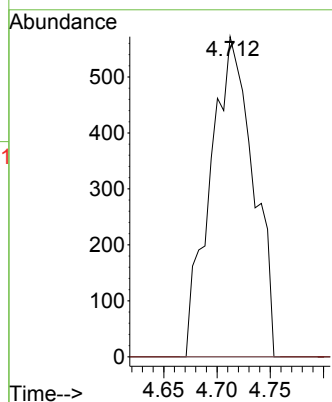


#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :

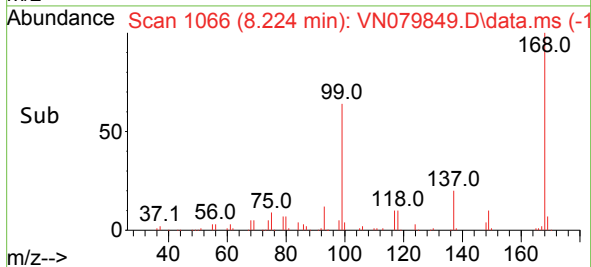
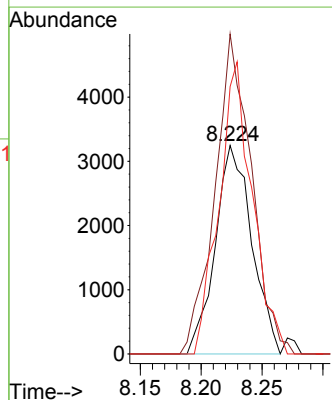
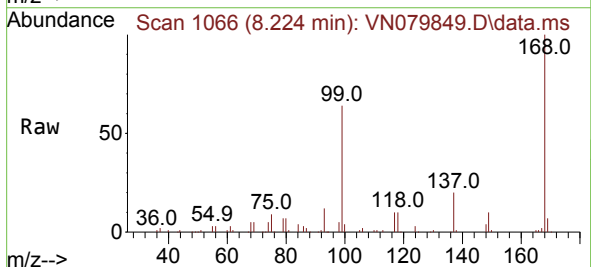


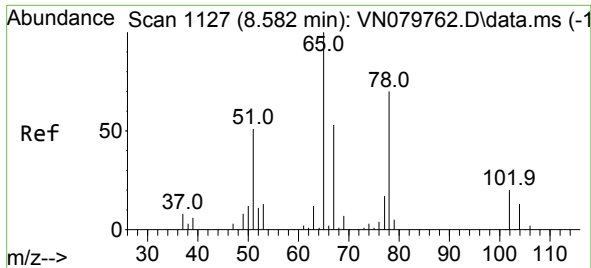
Tgt Ion: 76 Resp: 1599
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Tgt Ion: 56 Resp: 6765
Ion Ratio Lower Upper
56 100
69 153.5 26.8 40.2#
84 128.3 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 55.350 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079849.D

Acq: 03 Nov 2023 15:16

Instrument :

MSVOA_N

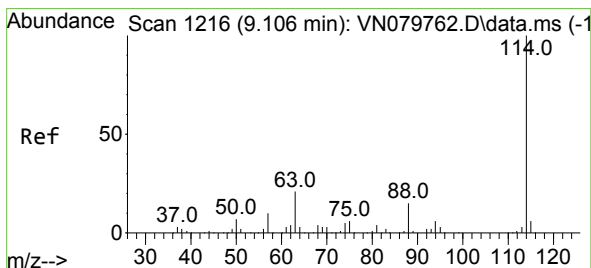
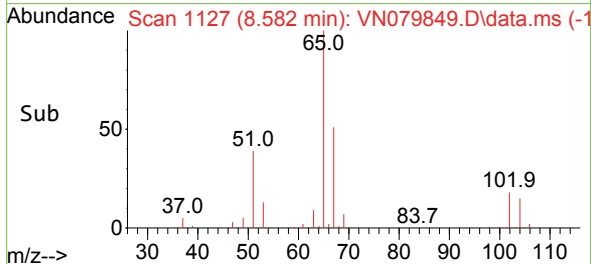
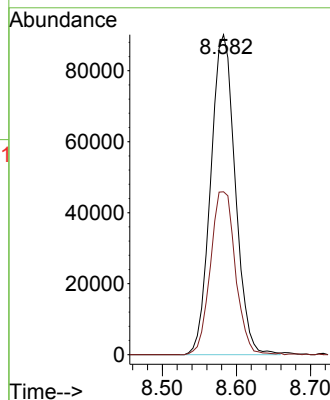
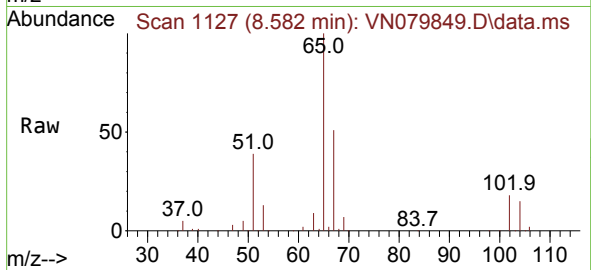
ClientSampleId :

Tgt Ion: 65 Resp: 206754

Ion Ratio Lower Upper

65 100

67 52.0 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: VN079849.D

Acq: 03 Nov 2023 15:16

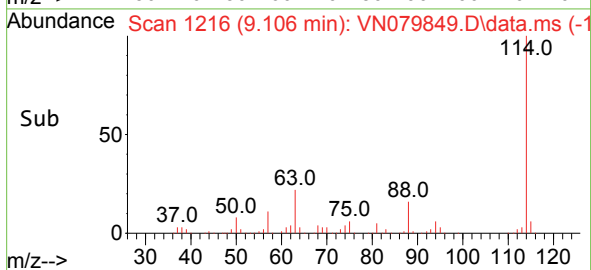
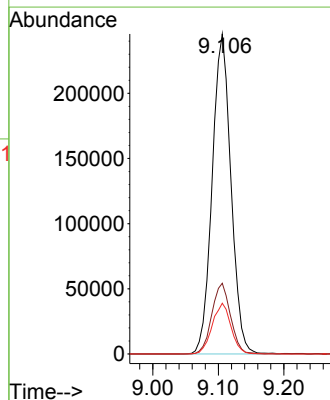
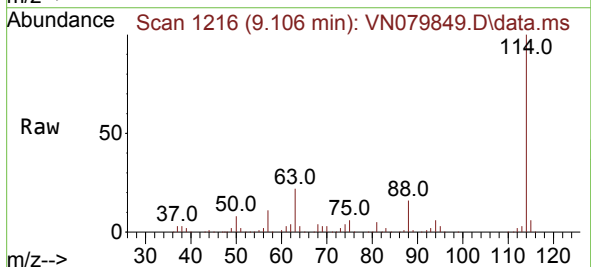
Tgt Ion: 114 Resp: 487724

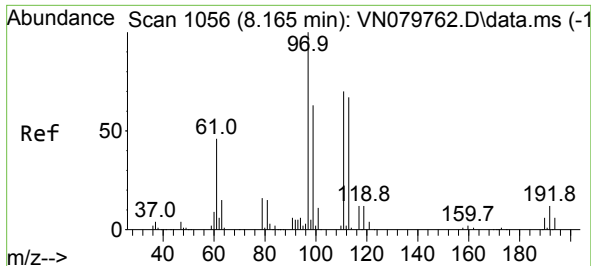
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.9 0.0 30.6

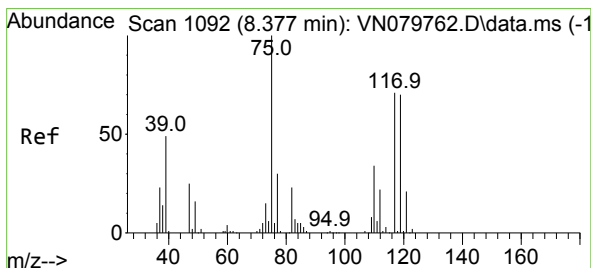
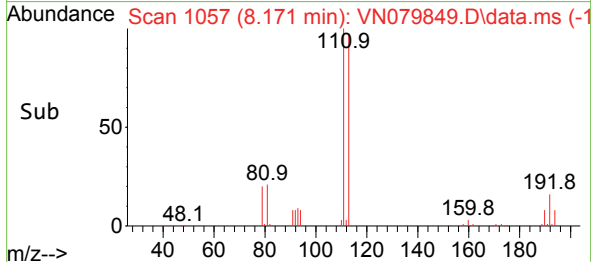
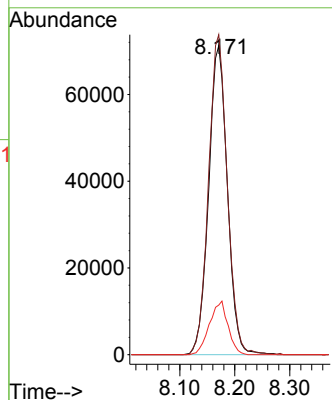
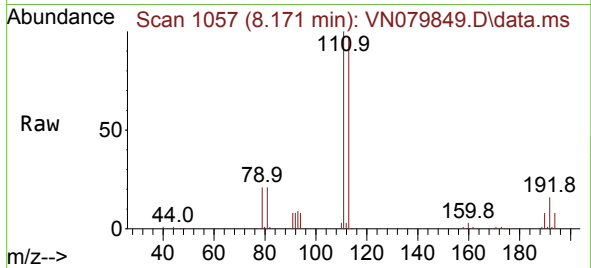




#35
Dibromofluoromethane
Concen: 48.926 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

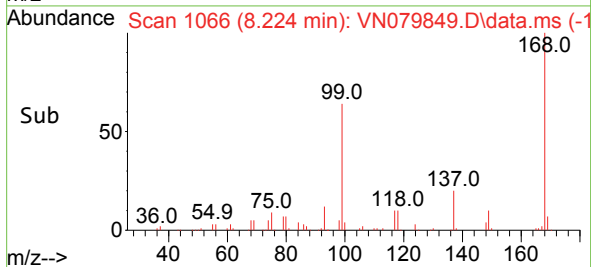
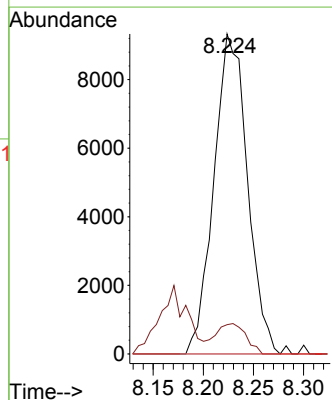
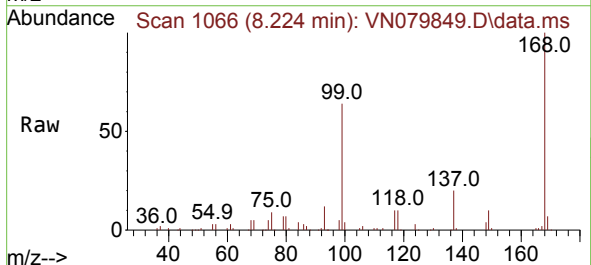
Instrument :
MSVOA_N
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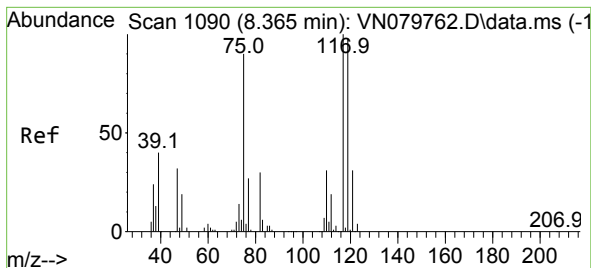
Tgt Ion:113 Resp: 168889
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Tgt Ion: 75 Resp: 21644
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.267 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

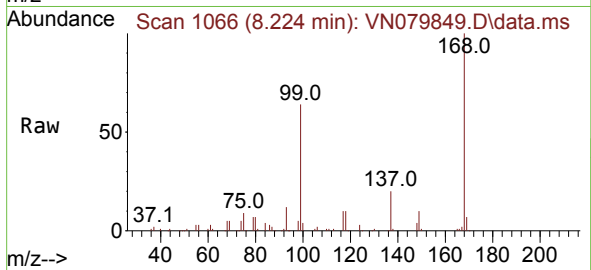
Lab File: VN079849.D

Acq: 03 Nov 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :



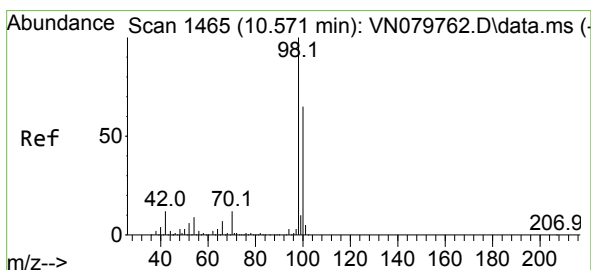
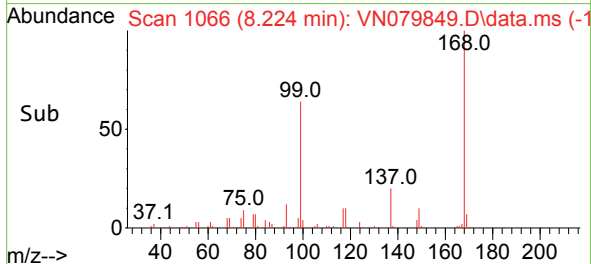
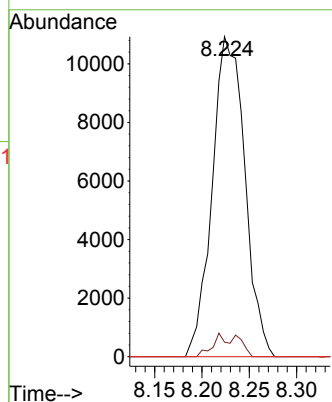
Tgt Ion:117 Resp: 26161

Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 46.239 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079849.D

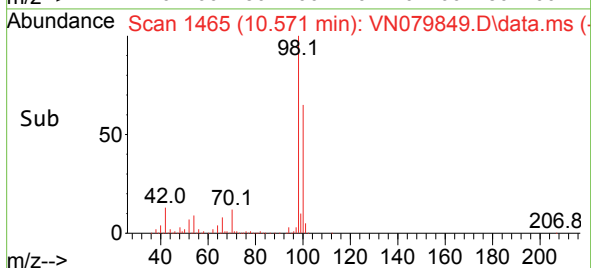
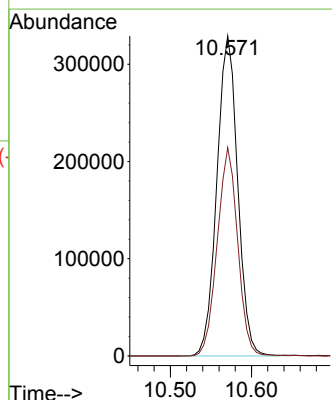
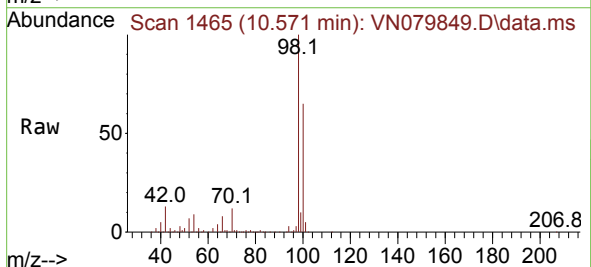
Acq: 03 Nov 2023 15:16

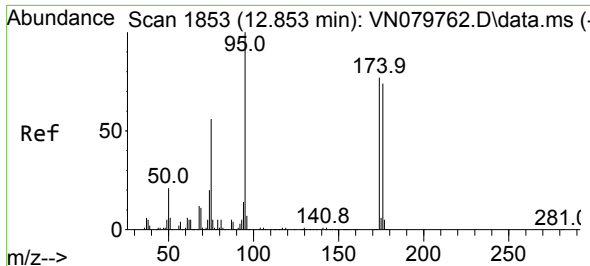
Tgt Ion: 98 Resp: 587599

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

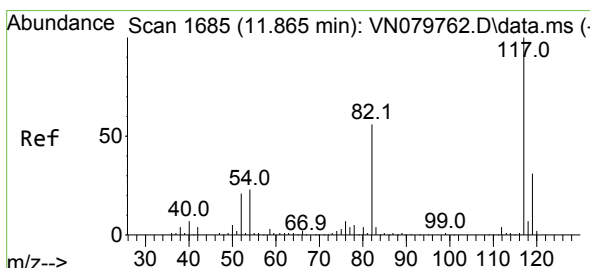
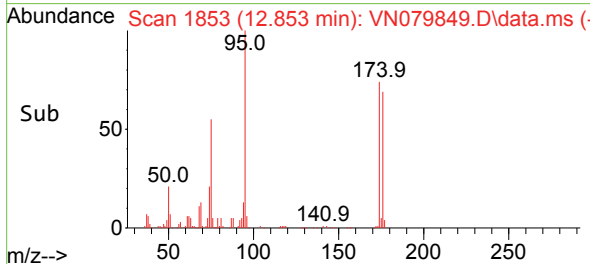
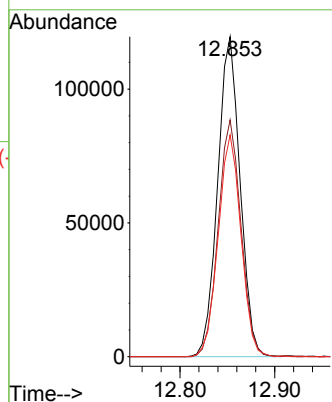
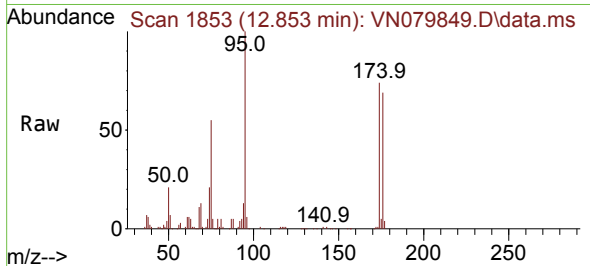




#62
4-Bromofluorobenzene
Concen: 46.737 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

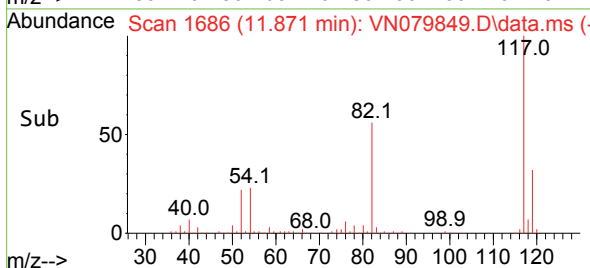
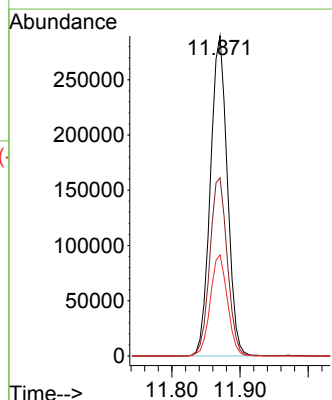
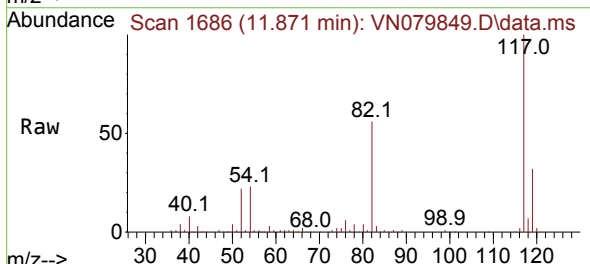
Instrument :
MSVOA_N
ClientSampleId :

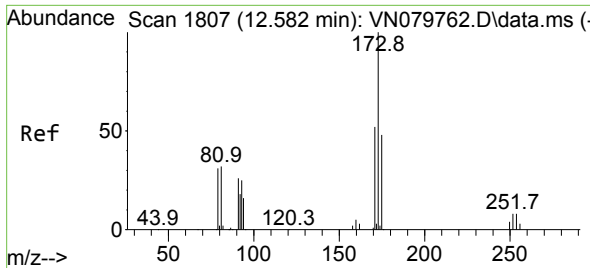
Tgt Ion: 95 Resp: 196976
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 70.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Tgt Ion: 117 Resp: 501721
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 31.6 25.6 38.4

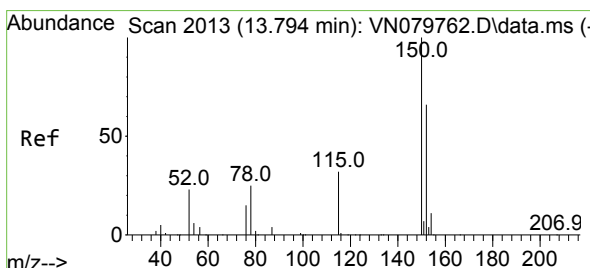
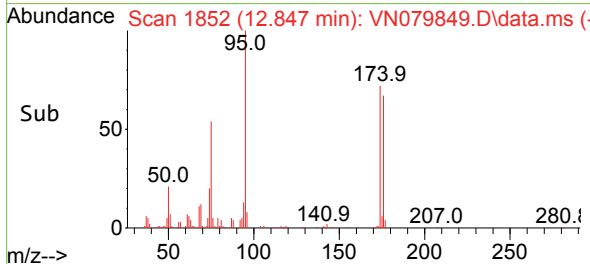
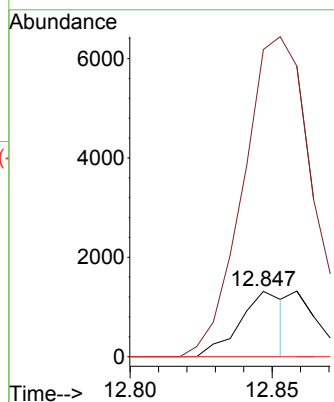
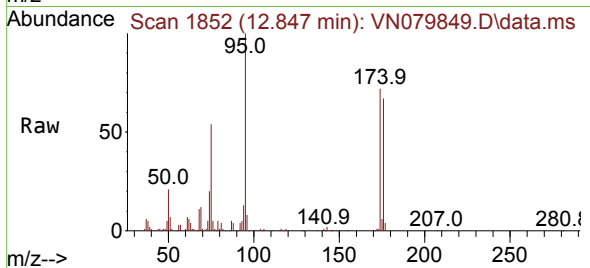




#71
Bromoform
Concen: 0.508 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

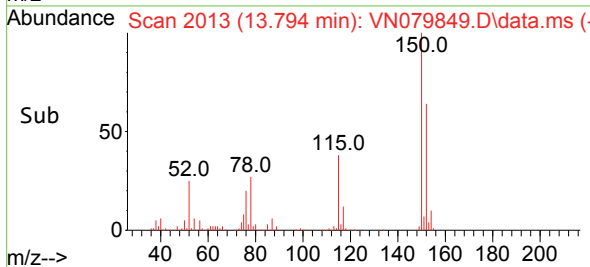
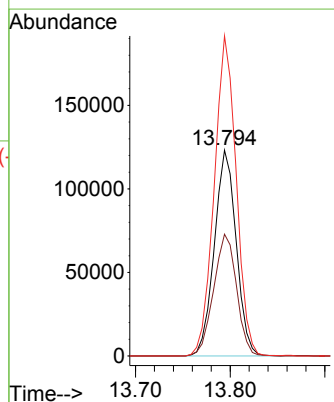
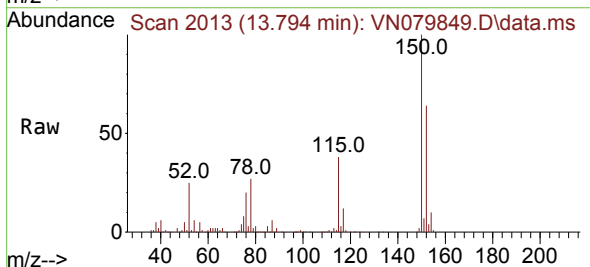
Instrument :
MSVOA_N
ClientSampleId :

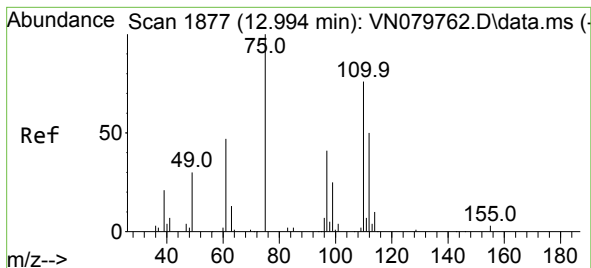
Tgt Ion:173 Resp: 1414
Ion Ratio Lower Upper
173 100
175 630.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079849.D
Acq: 03 Nov 2023 15:16

Tgt Ion:152 Resp: 197693
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 156.0 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 23.786 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079849.D

Acq: 03 Nov 2023 15:16

Instrument :

MSVOA_N

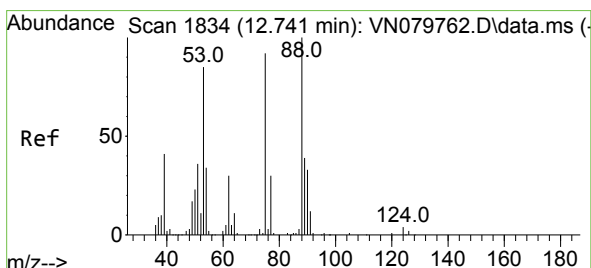
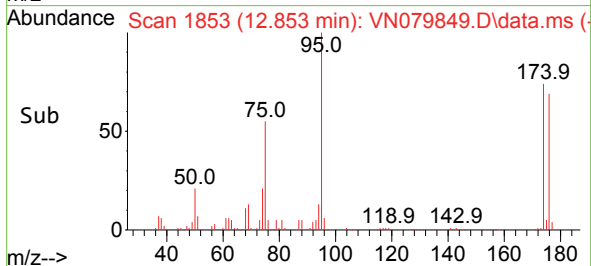
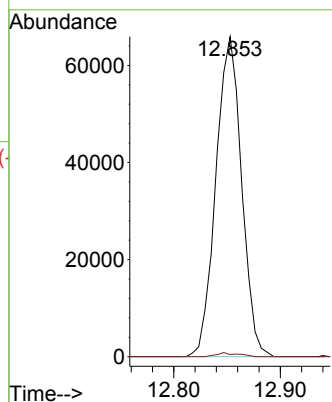
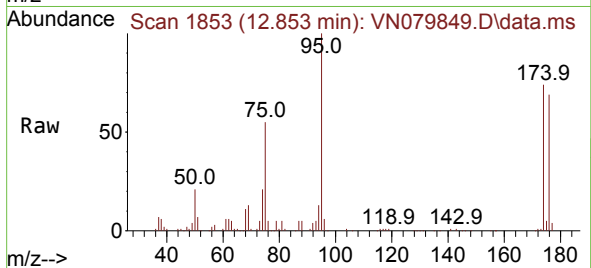
ClientSampleId :

Tgt Ion: 75 Resp: 110397

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.716 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079849.D

Acq: 03 Nov 2023 15:16

Tgt Ion: 75 Resp: 110397

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#

