

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079852.D
 Acq On : 03 Nov 2023 16:27
 Operator : JC\MD
 Sample : 05139-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:54:27 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)

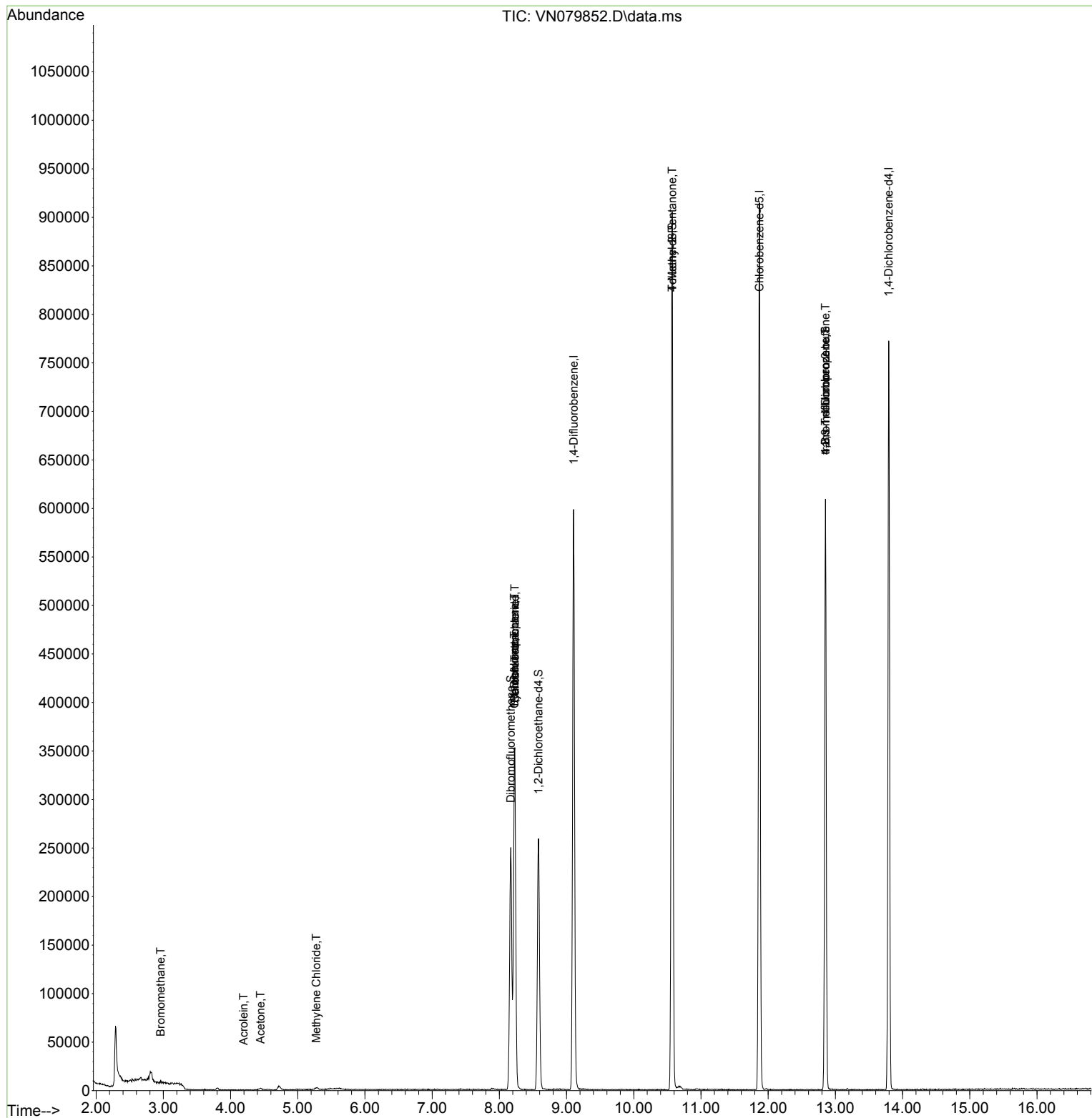
Internal Standards						
1) Pentafluorobenzene	8.230	168	248348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	489791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209872	55.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	8.171	113	171244	49.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.571	98	603437	47.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.853	95	195175	46.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1699	Below Cal		90
5) Bromomethane	2.959	94	522	0.219	ug/l	85
13) Acrolein	4.195	56	56	2.702	ug/l #	16
16) Acetone	4.448	43	2772	2.086	ug/l #	75
20) Methylene Chloride	5.277	84	1622	0.484	ug/l #	46
31) Cyclohexane	8.224	56	6554	1.311	ug/l #	52
36) 1,1-Dichloropropene	8.224	75	23597	4.767	ug/l #	47
38) Carbon Tetrachloride	8.230	117	27604	5.534	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3061	0.683	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	110544	24.374	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	110544	66.315	ug/l #	15

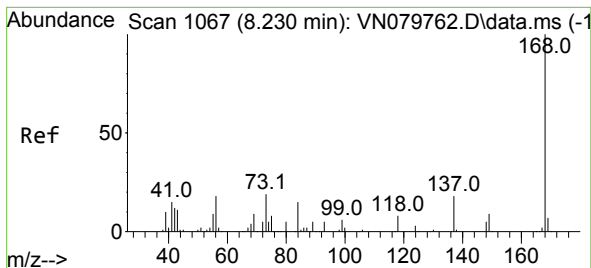
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
Data File : VN079852.D
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Instrument :
MSVOA_N
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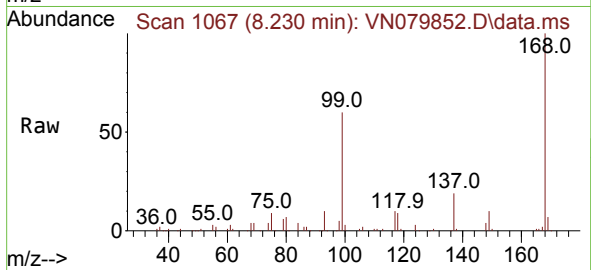
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



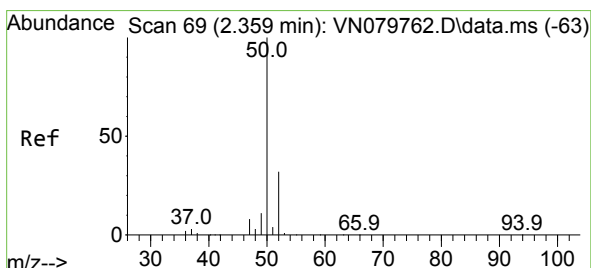
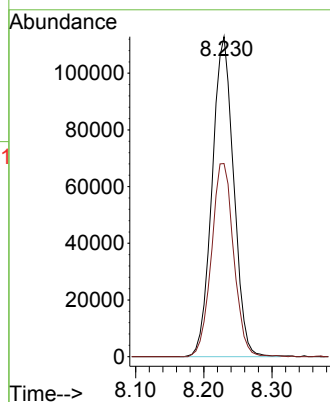
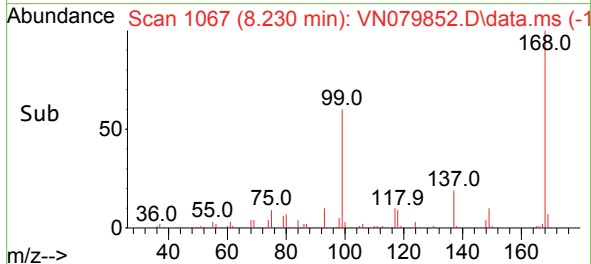


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :

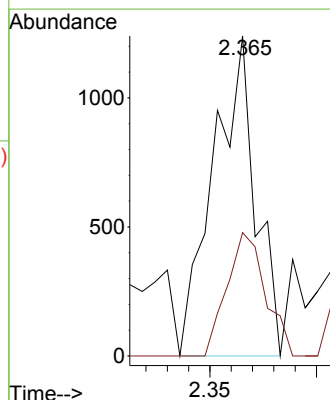
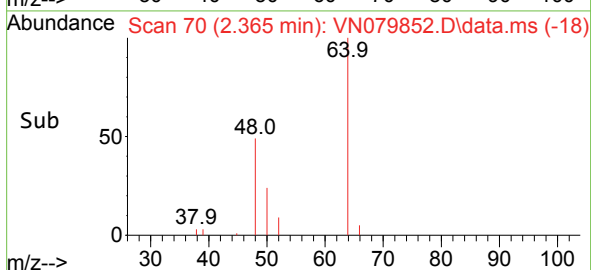
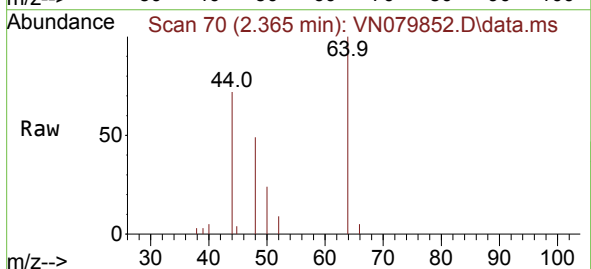


Tgt Ion:168 Resp: 248348
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 50 Resp: 1699
Ion Ratio Lower Upper
50 100
52 38.5 26.5 39.7

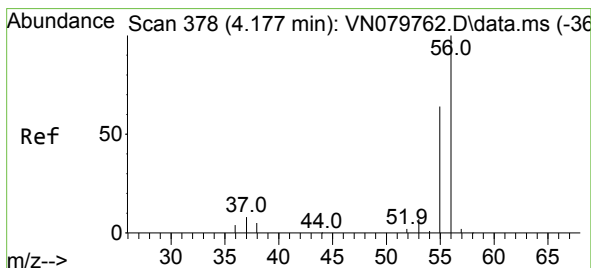
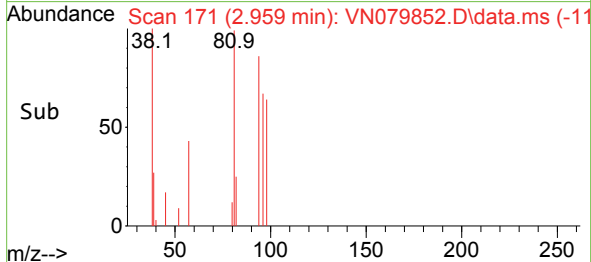
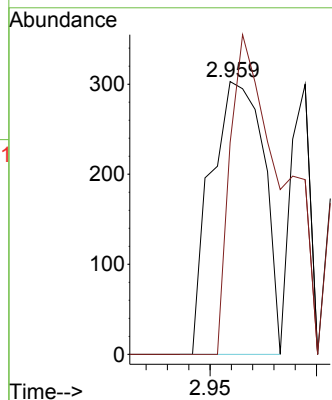
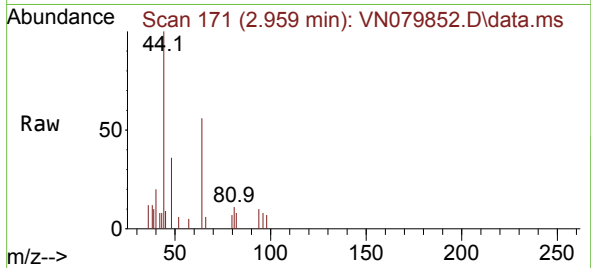




#5
Bromomethane
Concen: 0.219 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

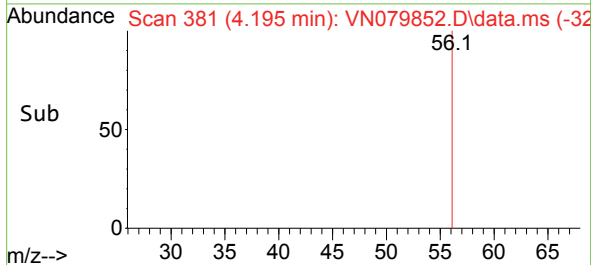
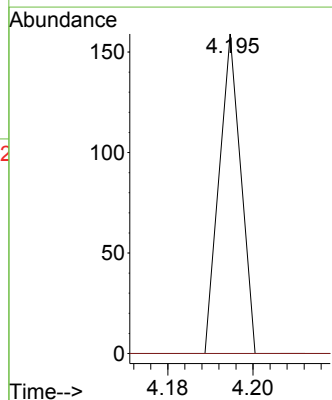
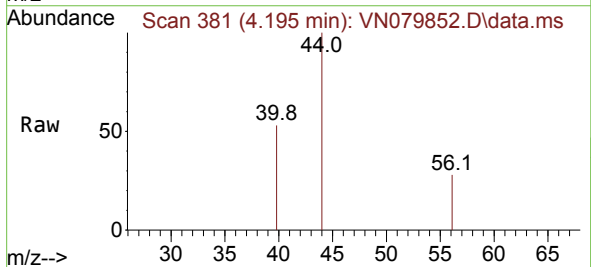
Instrument :
MSVOA_N
ClientSampleId :

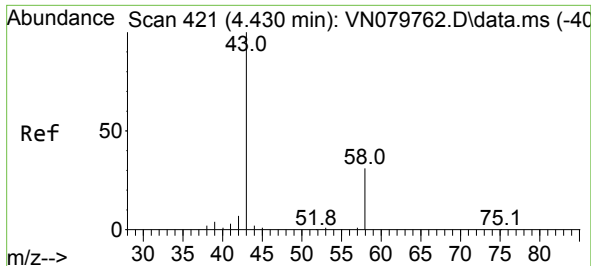
Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 77.6 73.1 109.7



#13
Acrolein
Concen: 2.702 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

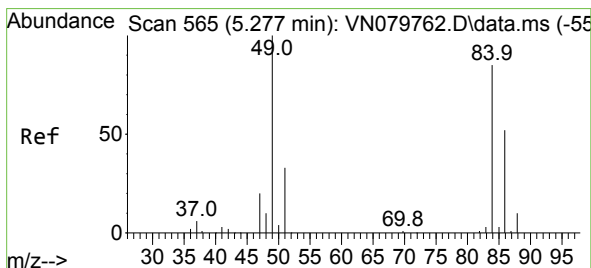
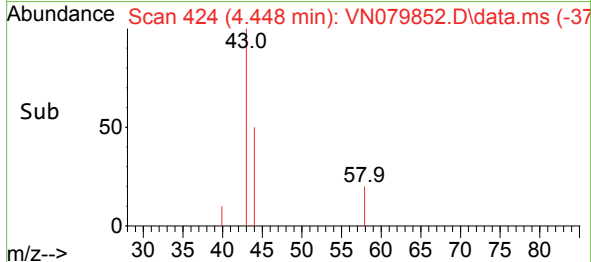
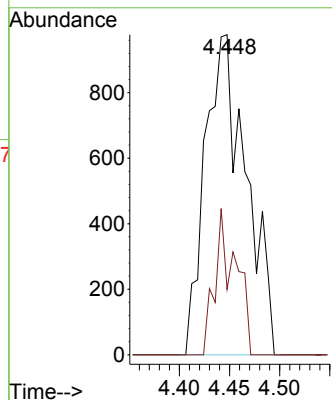
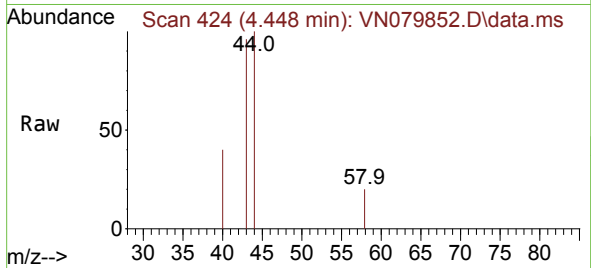




#16
Acetone
Concen: 2.086 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

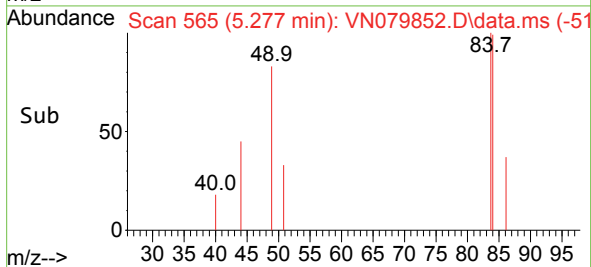
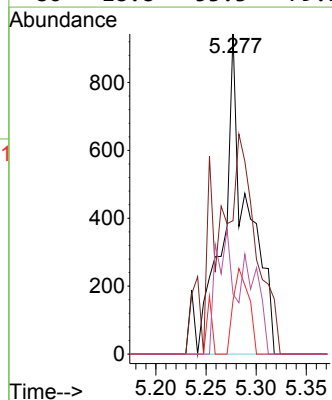
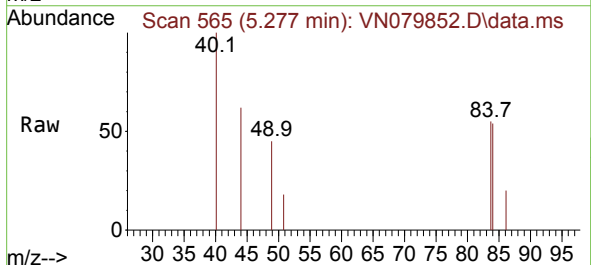
Instrument :
MSVOA_N
ClientSampleId :

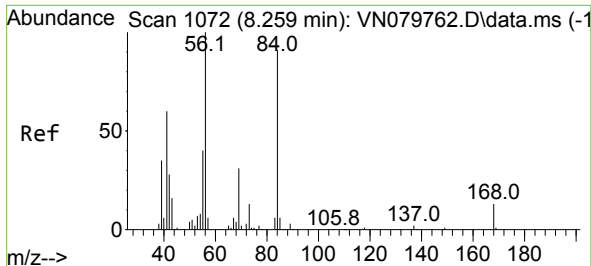
Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
58 20.5 28.0 42.0#



#20
Methylene Chloride
Concen: 0.484 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

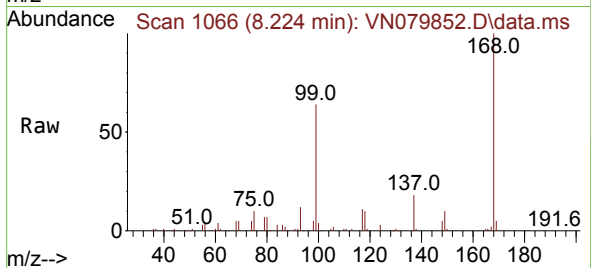
Tgt Ion: 84 Resp: 1622
Ion Ratio Lower Upper
84 100
49 41.7 79.7 119.5#
51 16.6 25.2 37.8#
86 18.8 53.3 79.9#



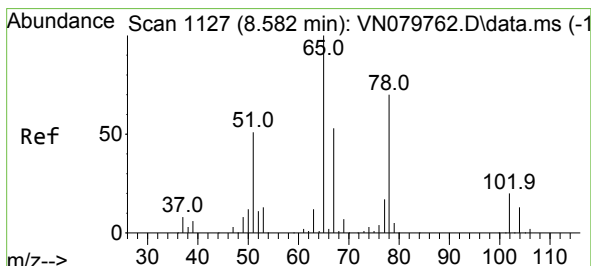
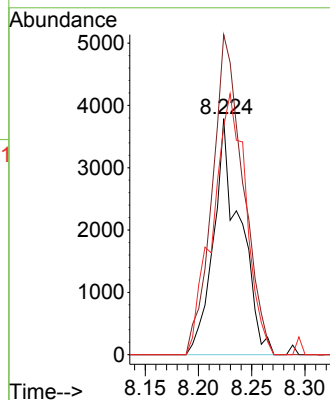
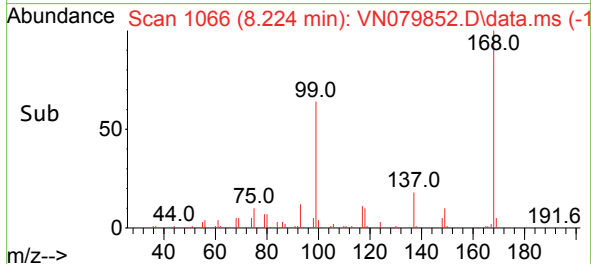


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :

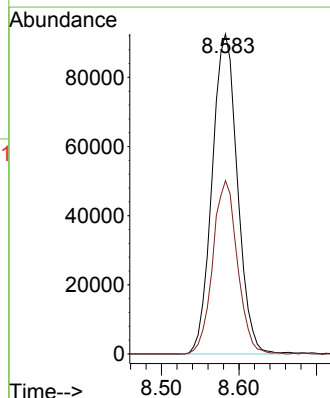
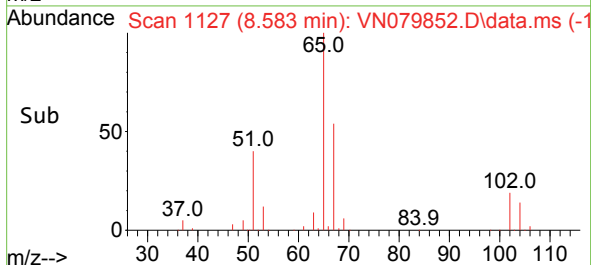
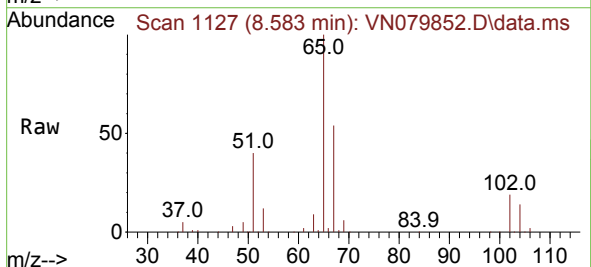


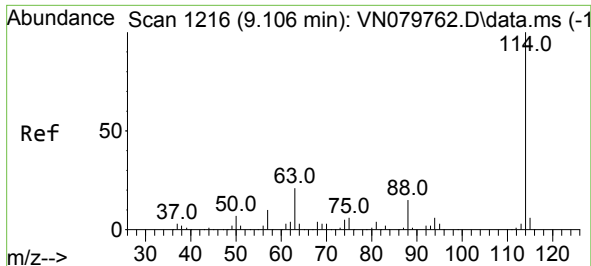
Tgt Ion: 56 Resp: 6554
Ion Ratio Lower Upper
56 100
69 135.6 26.8 40.2#
84 96.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.468 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 65 Resp: 209872
Ion Ratio Lower Upper
65 100
67 52.9 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: VN079852.D

Acq: 03 Nov 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

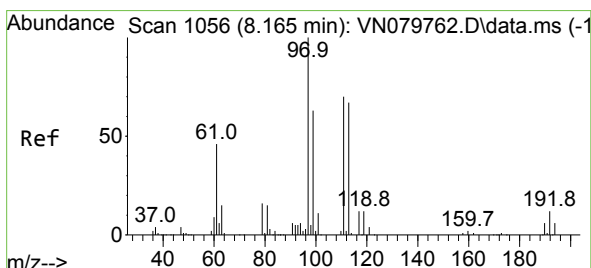
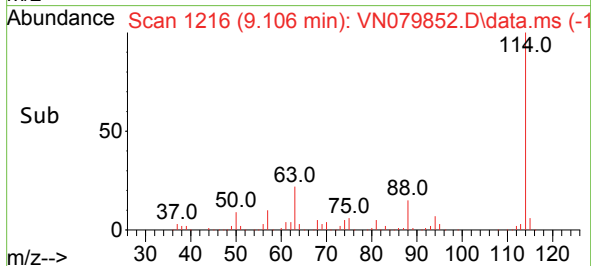
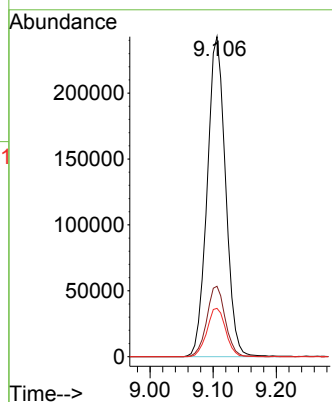
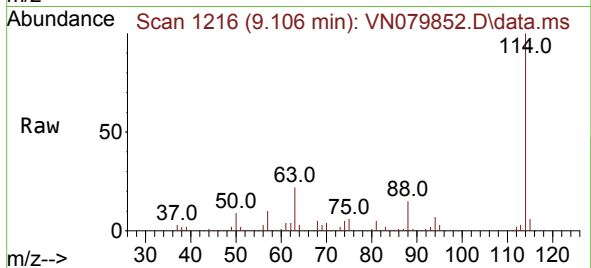
Tgt Ion:114 Resp: 489791

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.399 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079852.D

Acq: 03 Nov 2023 16:27

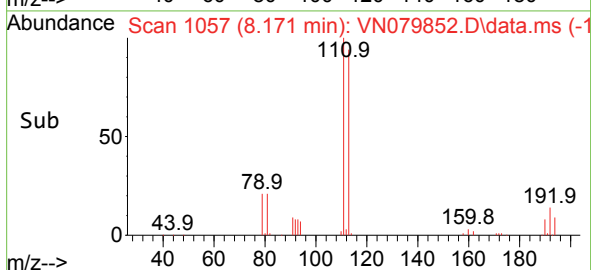
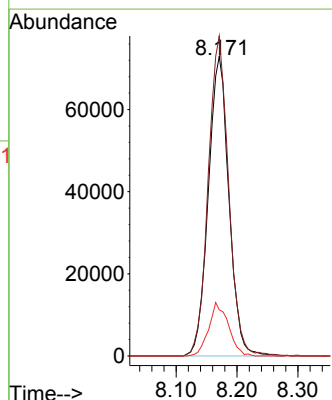
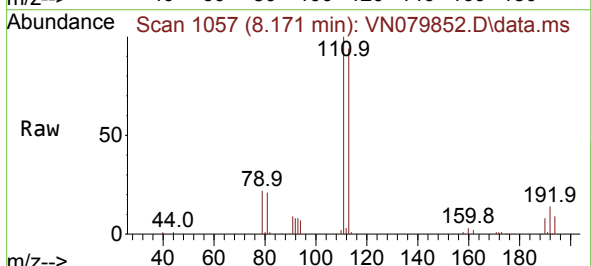
Tgt Ion:113 Resp: 171244

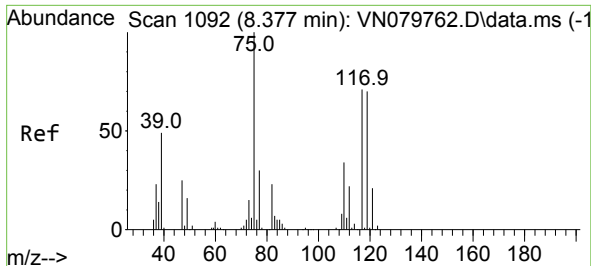
Ion Ratio Lower Upper

113 100

111 105.7 82.6 123.8

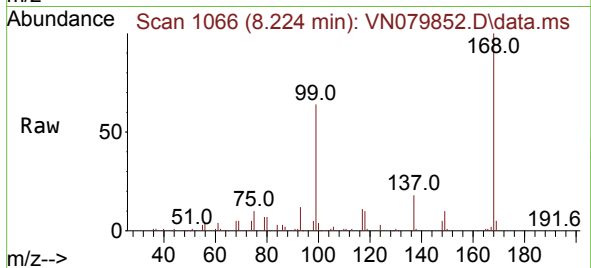
192 17.1 12.7 19.1



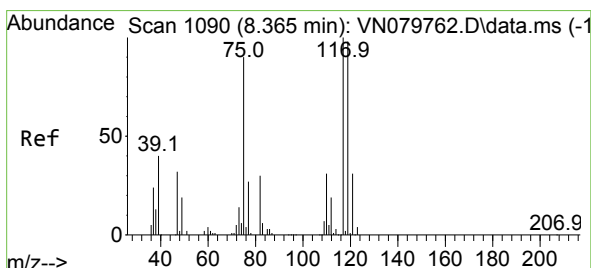
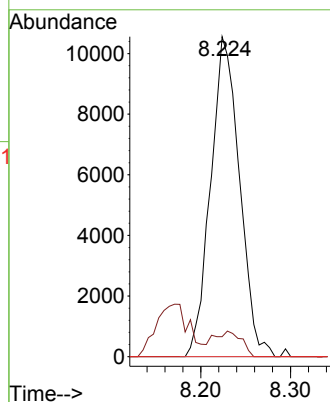
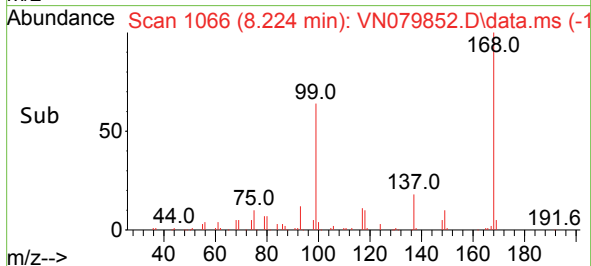


#36
1,1-Dichloropropene
Concen: 4.767 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Instrument :
MSVOA_N
ClientSampleId :

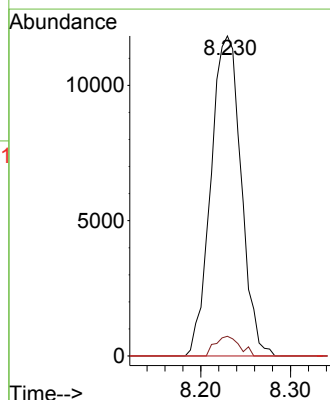
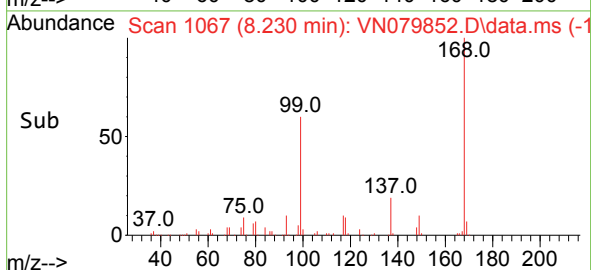
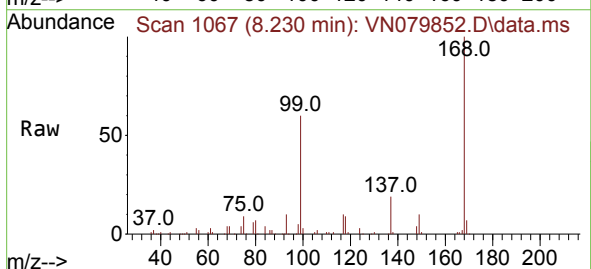


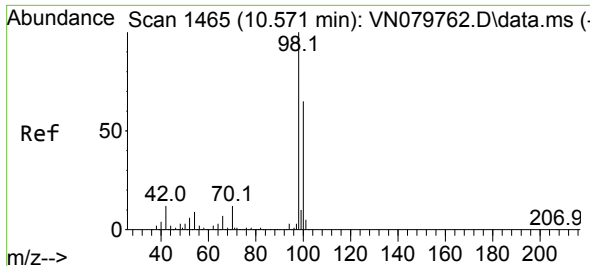
Tgt Ion: 75 Resp: 23597
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.534 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 117 Resp: 27604
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#

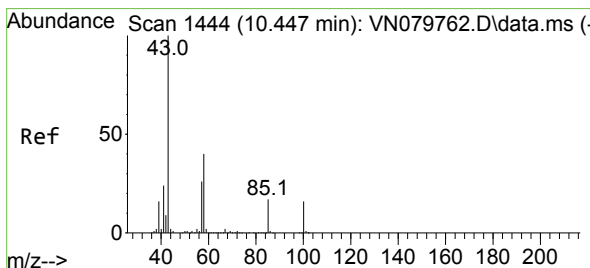
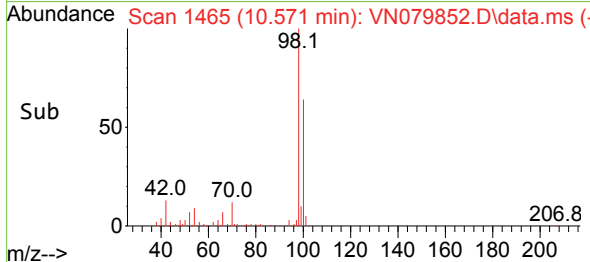
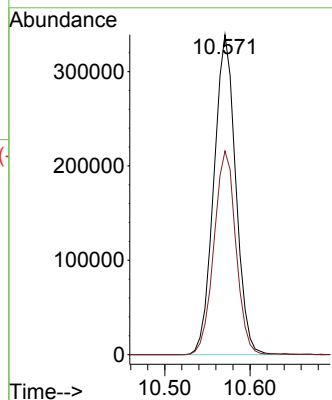
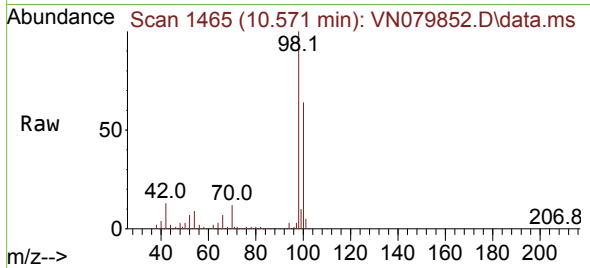




#50
Toluene-d8
Concen: 47.285 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

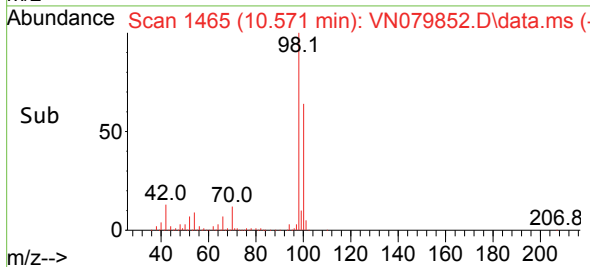
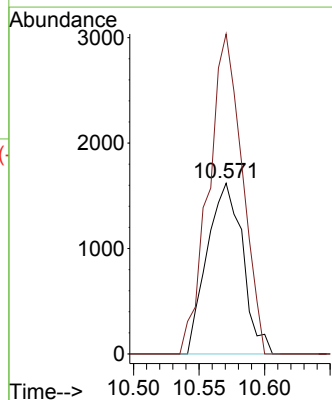
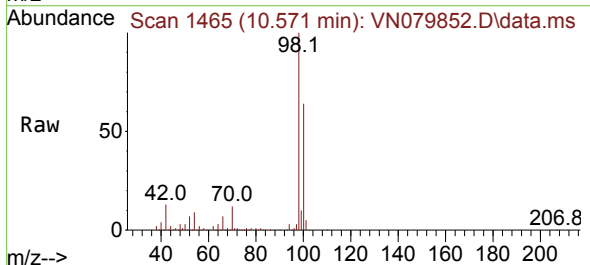
Instrument :
MSVOA_N
ClientSampleId :

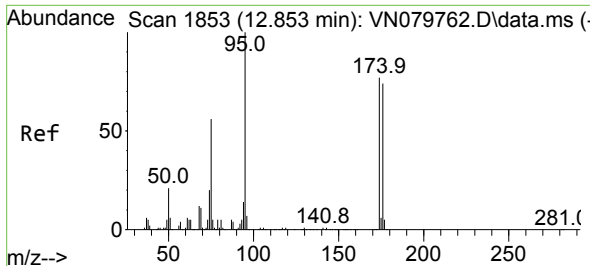
Tgt Ion: 98 Resp: 603437
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
58 177.0 36.6 54.8#

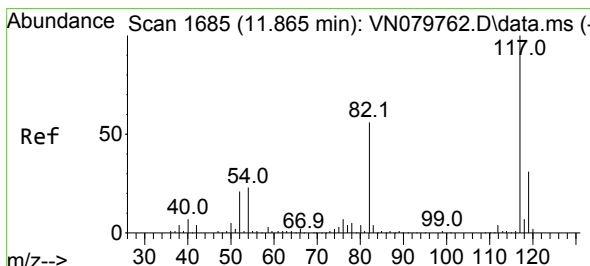
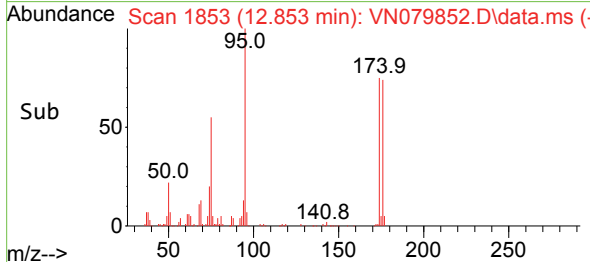
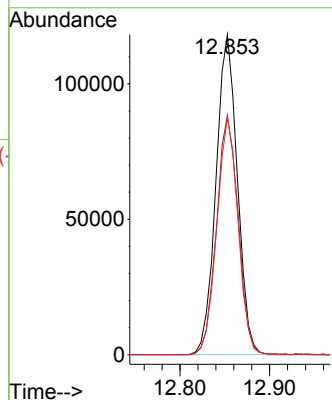
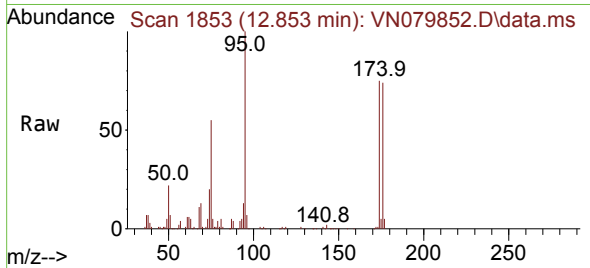




#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

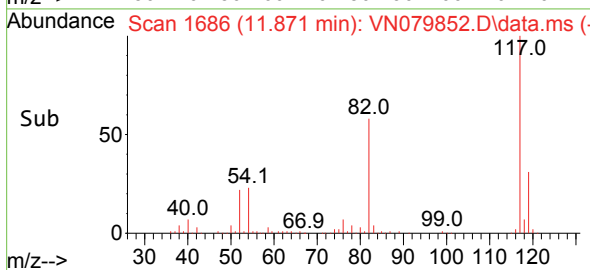
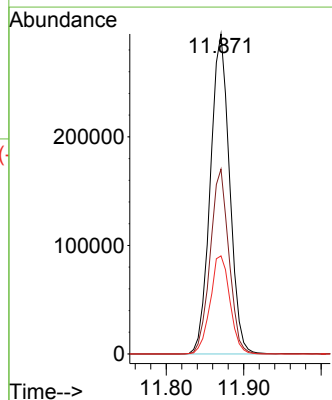
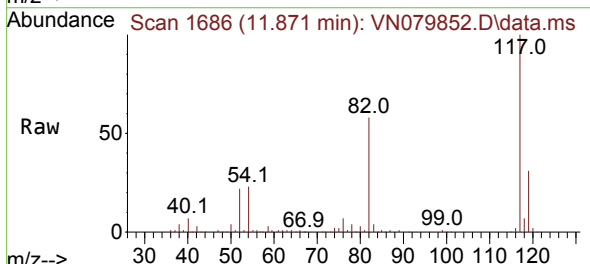
Instrument :
MSVOA_N
ClientSampleId :

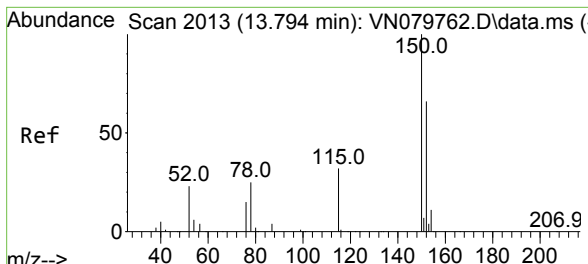
Tgt Ion: 95 Resp: 195175
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079852.D
Acq: 03 Nov 2023 16:27

Tgt Ion: 117 Resp: 507580
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 30.7 25.6 38.4

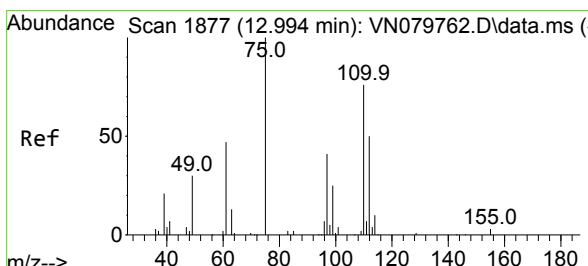
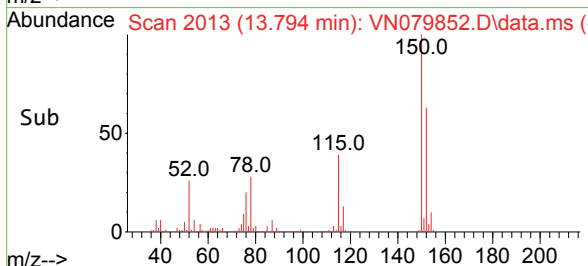
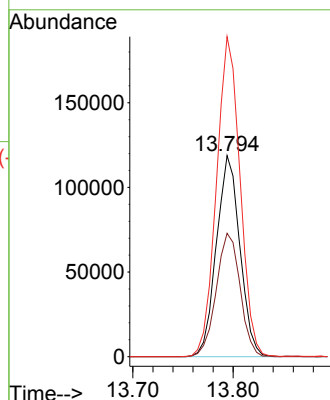
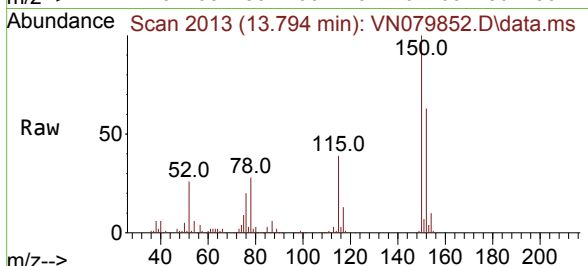




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079852.D
 Acq: 03 Nov 2023 16:27

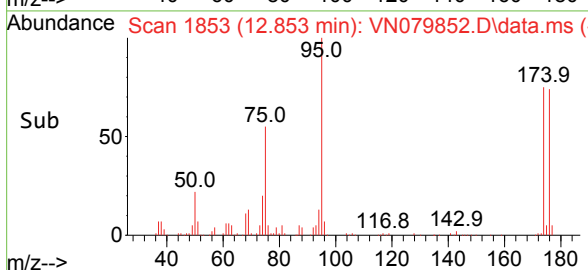
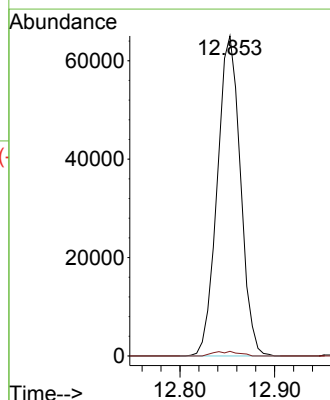
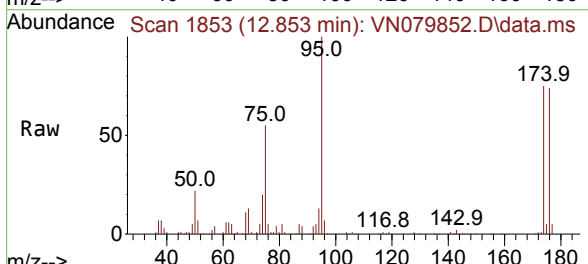
Instrument :
 MSVOA_N
 ClientSampleId :

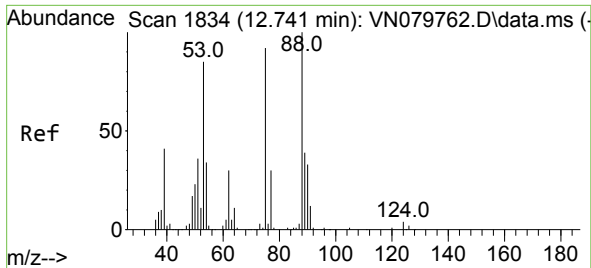
Tgt Ion:152 Resp: 193183
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 159.7 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 24.374 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079852.D
 Acq: 03 Nov 2023 16:27

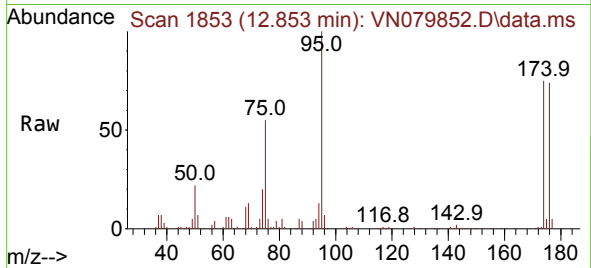
Tgt Ion: 75 Resp: 110544
 Ion Ratio Lower Upper
 75 100
 77 1.6 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.315 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079852.D
 Acq: 03 Nov 2023 16:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 110544
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

