

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079850.D
 Acq On : 03 Nov 2023 15:40
 Operator : JC\MD
 Sample : 05222-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-TB-3

Quant Time: Nov 04 00:53:42 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)

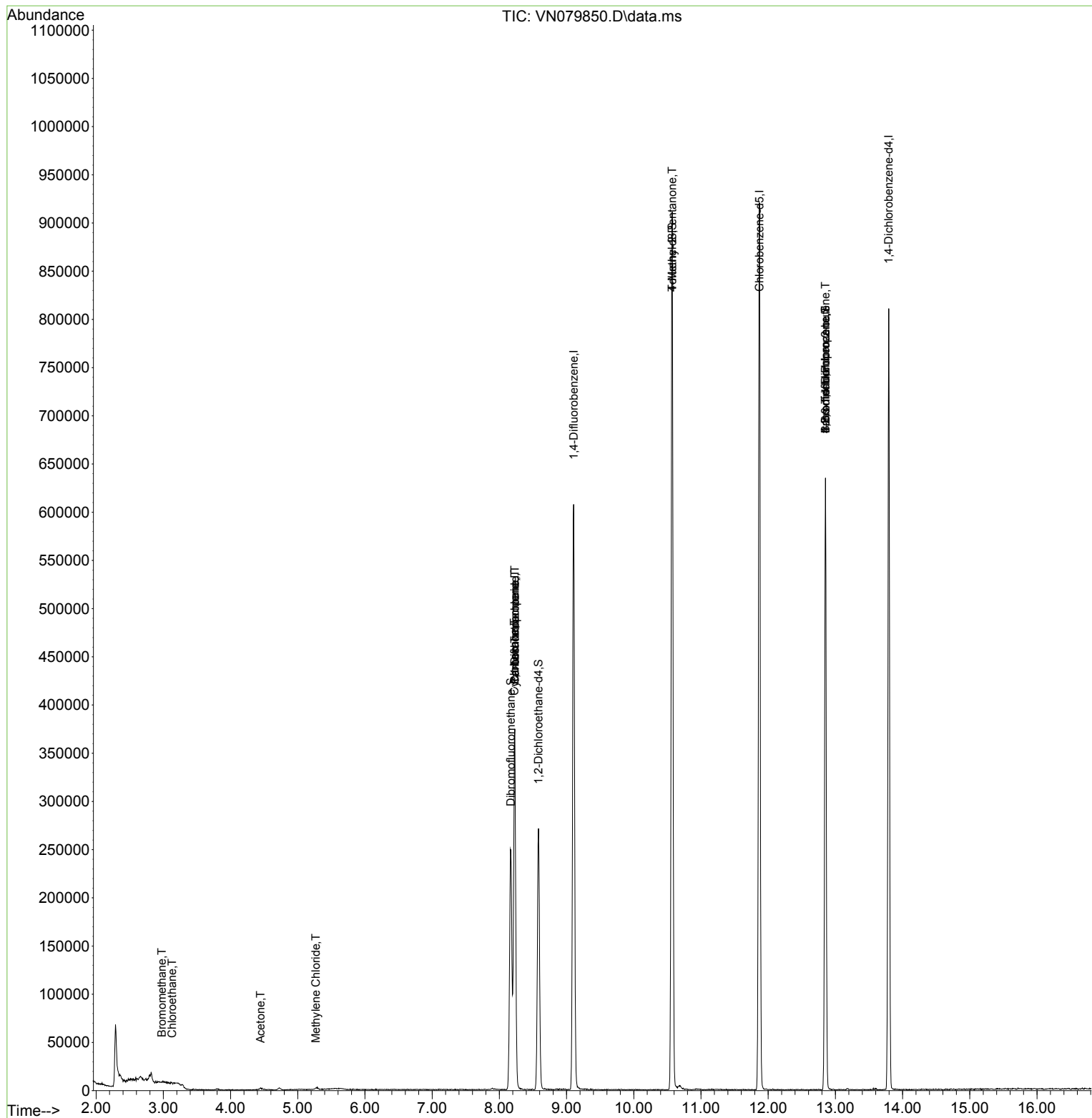
Internal Standards						
1) Pentafluorobenzene	8.230	168	253674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219733	56.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.700%	
35) Dibromofluoromethane	8.171	113	181298	50.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.320%	
50) Toluene-d8	10.571	98	614104	46.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.853	95	209669	47.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2087	Below Cal		89
5) Bromomethane	2.977	94	507	0.209	ug/l	96
6) Chloroethane	3.130	64	1143	0.362	ug/l #	86
16) Acetone	4.447	43	2260	1.665	ug/l #	69
20) Methylene Chloride	5.271	84	787	0.230	ug/l #	75
31) Cyclohexane	8.224	56	7202	1.410	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	23226	4.545	ug/l #	48
38) Carbon Tetrachloride	8.230	117	27244	5.290	ug/l #	18
51) 4-Methyl-2-Pentanone	10.571	43	2824	0.610	ug/l #	1
71) Bromoform	12.853	173	1199	0.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	115145	24.167	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115145	65.752	ug/l #	15

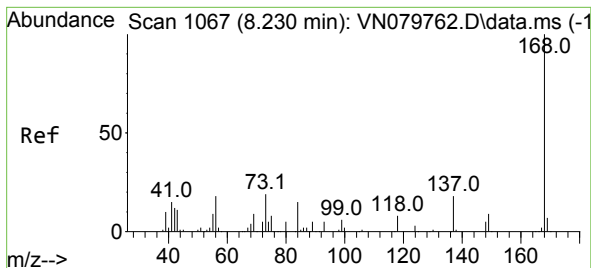
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
Data File : VN079850.D
Acq On : 03 Nov 2023 15:40
Operator : JC\MD
Sample : 05222-20
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

Quant Time: Nov 04 00:53:42 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# 10

Delta R.T. 0.001 min

Lab File: VN079850.D

Acq: 03 Nov 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

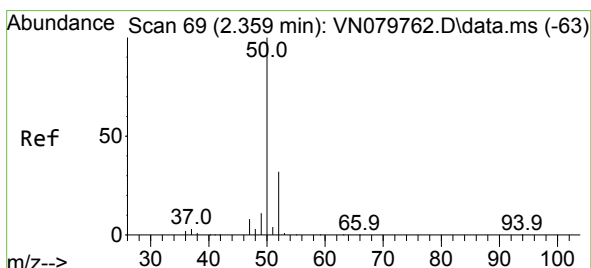
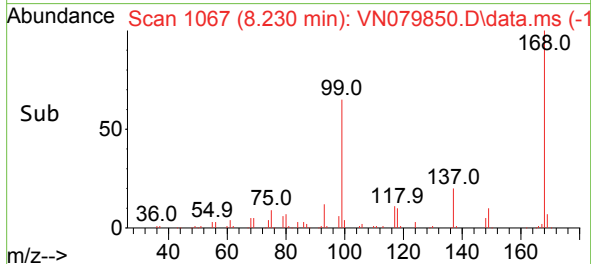
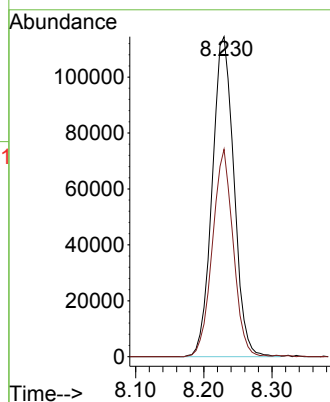
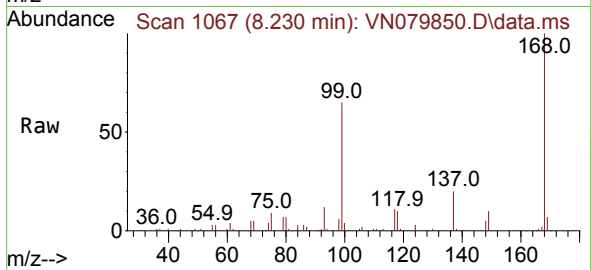
FSND-TB-3

Tgt Ion:168 Resp: 253674

Ion Ratio Lower Upper

168 100

99 64.8 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN079850.D

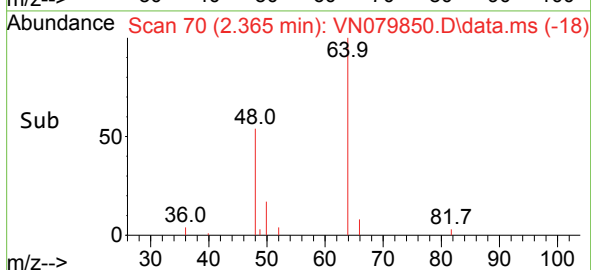
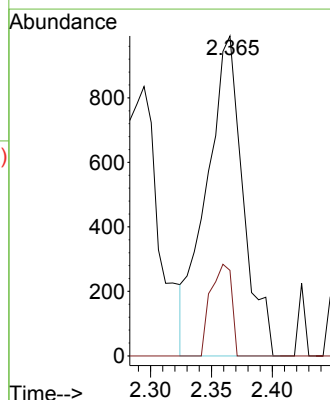
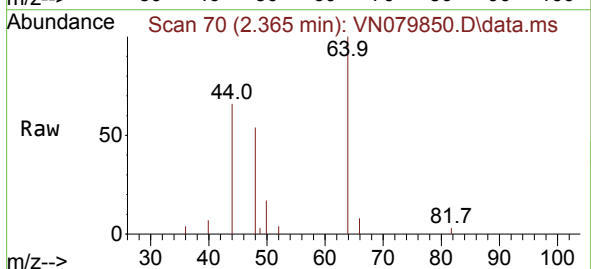
Acq: 03 Nov 2023 15:40

Tgt Ion: 50 Resp: 2087

Ion Ratio Lower Upper

50 100

52 26.7 26.5 39.7

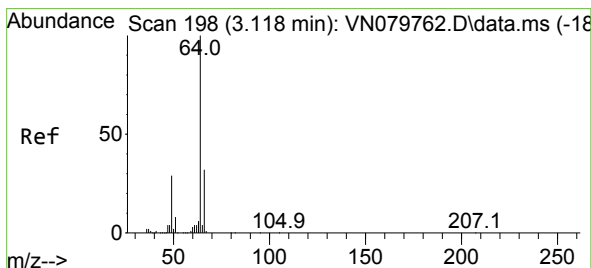
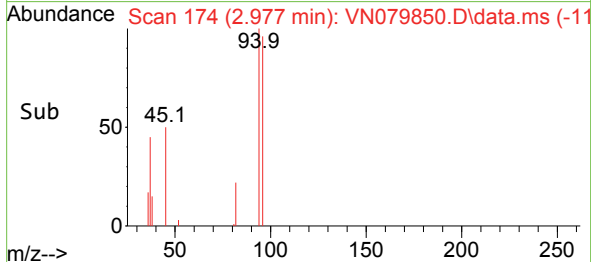
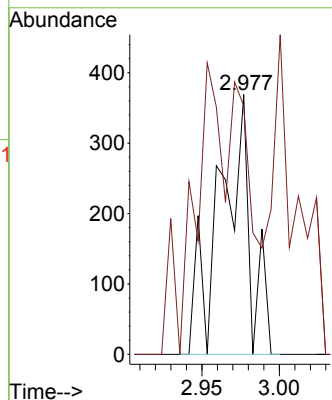
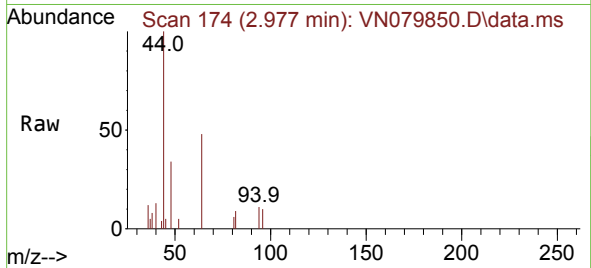




#5
Bromomethane
Concen: 0.209 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

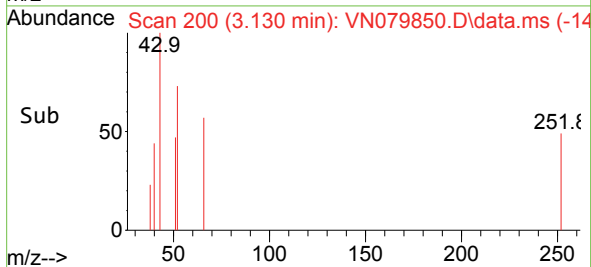
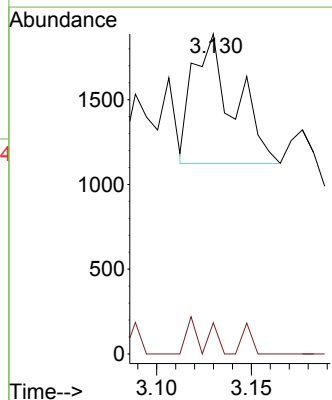
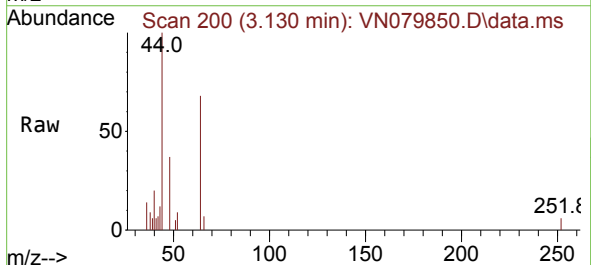
Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

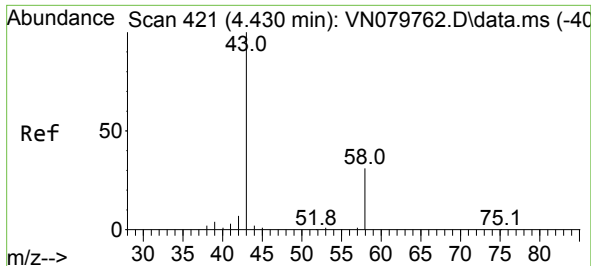
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 95.7 73.1 109.7



#6
Chloroethane
Concen: 0.362 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Tgt Ion: 64 Resp: 1143
Ion Ratio Lower Upper
64 100
66 24.1 25.4 38.2#

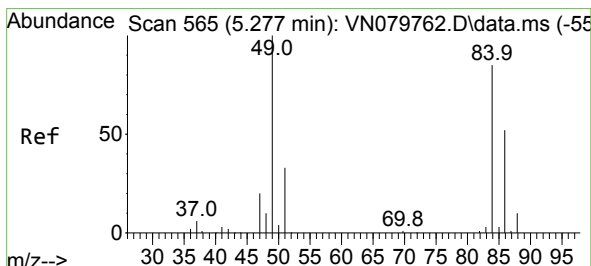
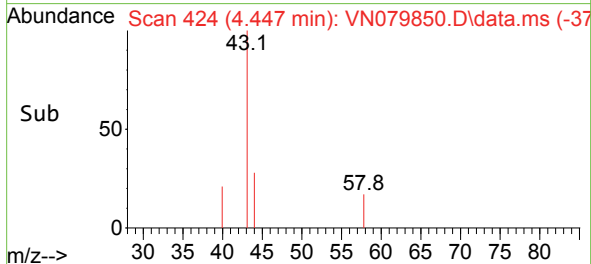
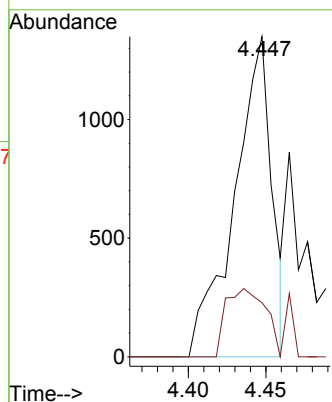
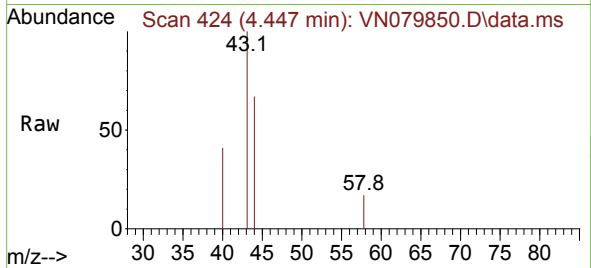




#16
Acetone
Concen: 1.665 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

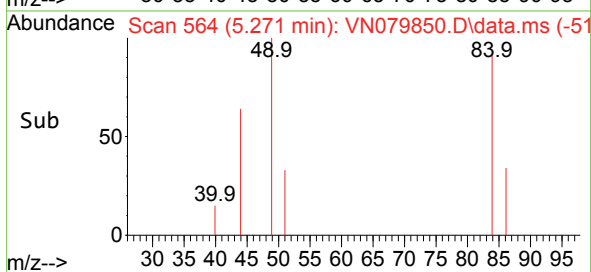
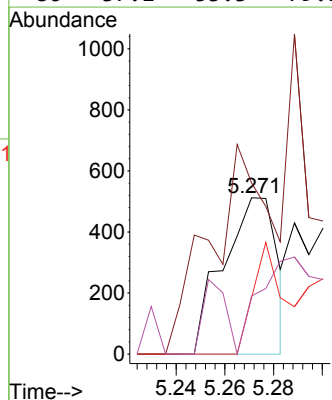
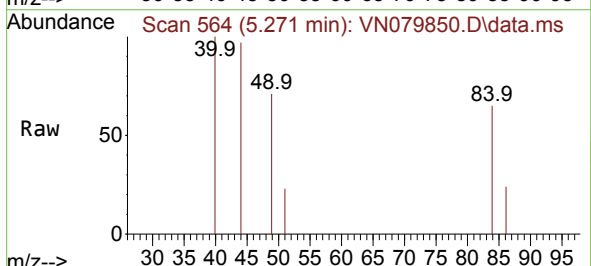
Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

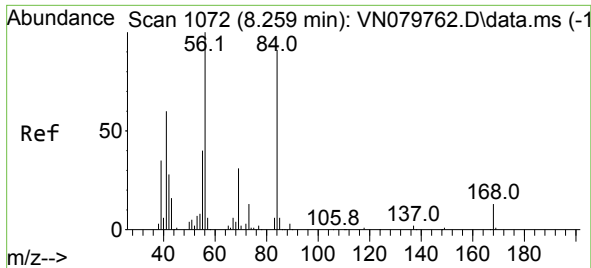
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 16.9 28.0 42.0#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

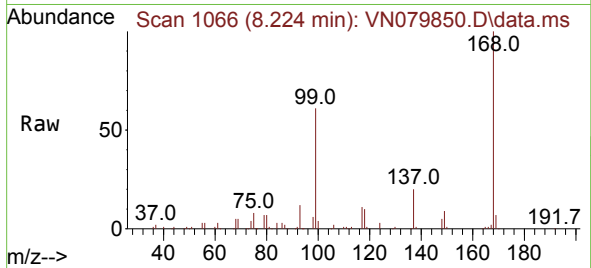
Tgt Ion: 84 Resp: 787
Ion Ratio Lower Upper
84 100
49 77.9 79.7 119.5#
51 36.1 25.2 37.8
86 37.1 53.3 79.9#



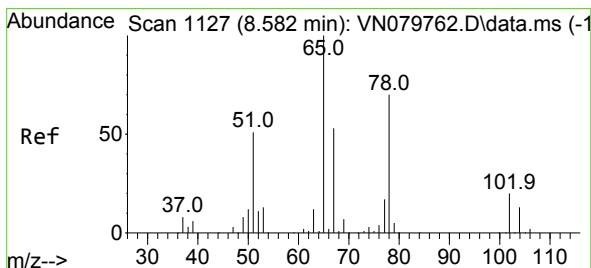
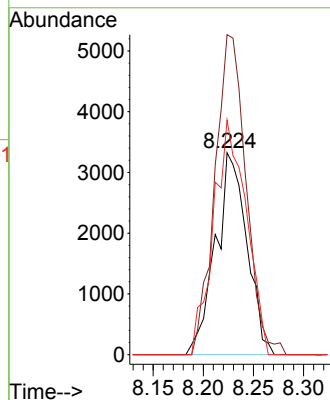
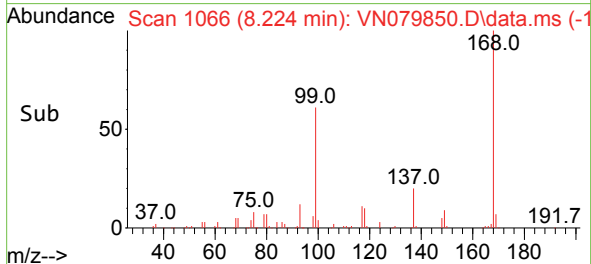


#31
Cyclohexane
Concen: 1.410 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

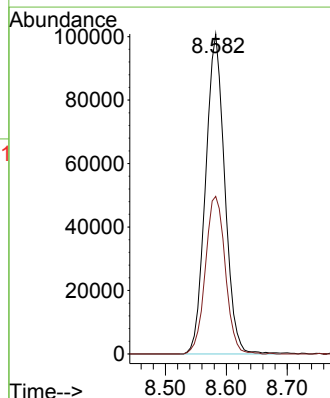
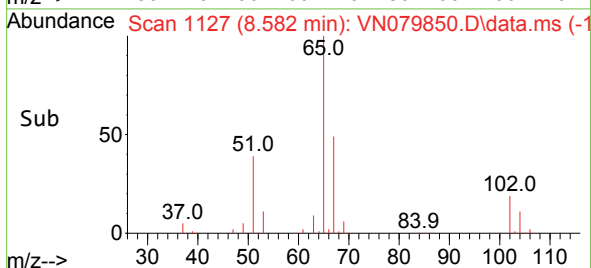
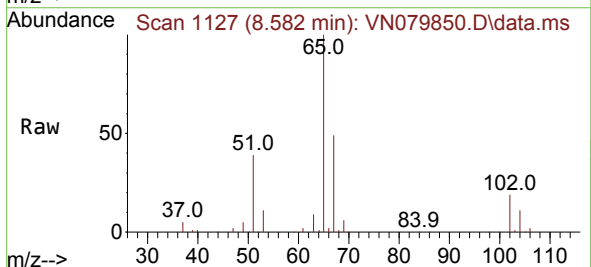


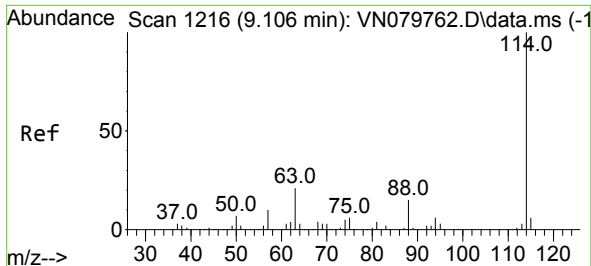
Tgt Ion: 56 Resp: 7202
Ion Ratio Lower Upper
56 100
69 158.5 26.8 40.2#
84 116.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 56.855 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Tgt Ion: 65 Resp: 219733
Ion Ratio Lower Upper
65 100
67 51.3 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: VN079850.D

Acq: 03 Nov 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

FSND-TB-3

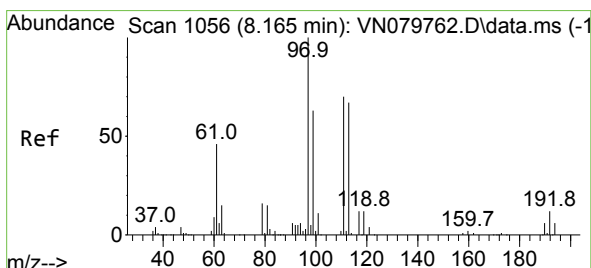
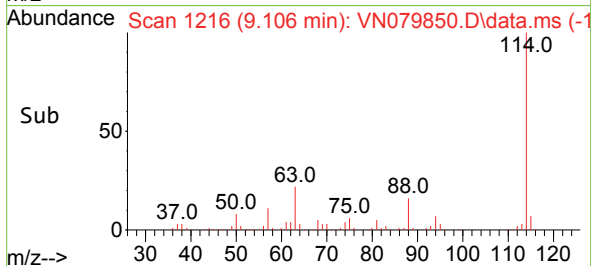
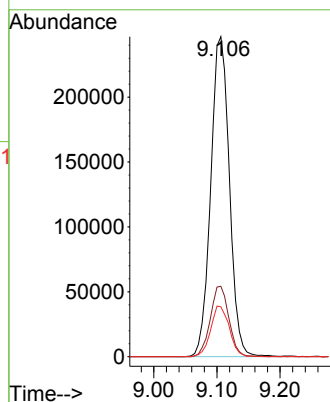
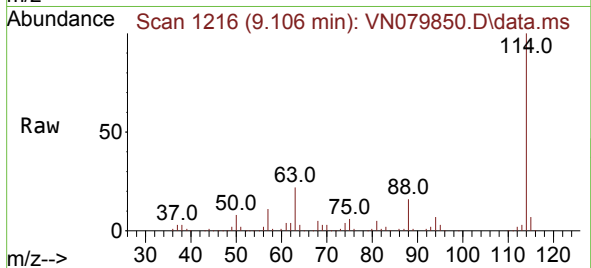
Tgt Ion:114 Resp: 505671

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.657 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079850.D

Acq: 03 Nov 2023 15:40

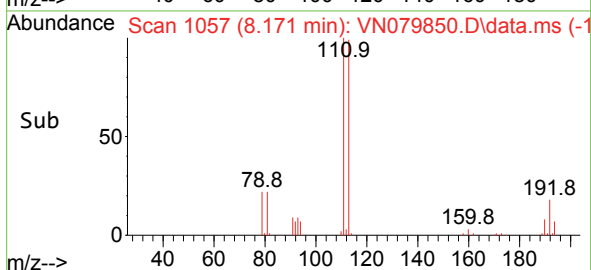
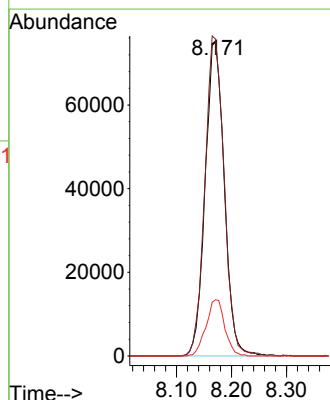
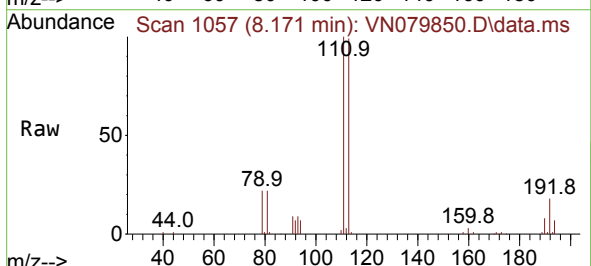
Tgt Ion:113 Resp: 181298

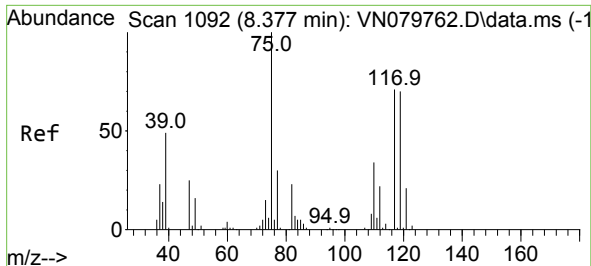
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.6 12.7 19.1

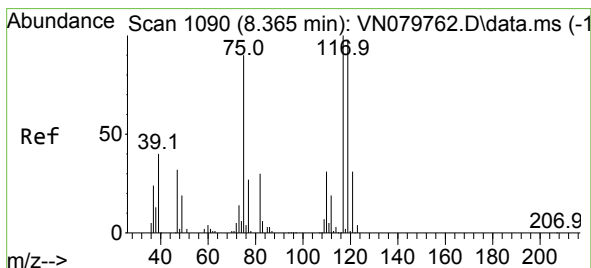
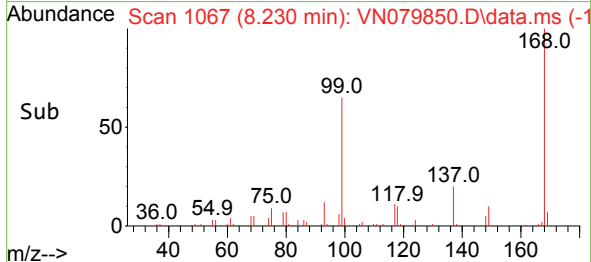
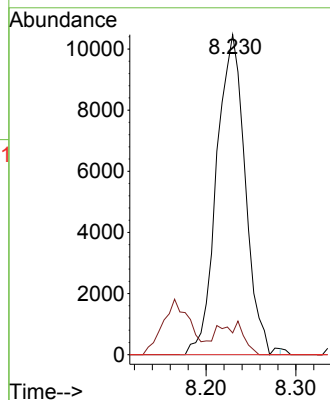
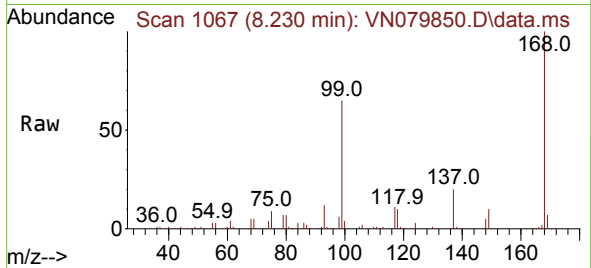




#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

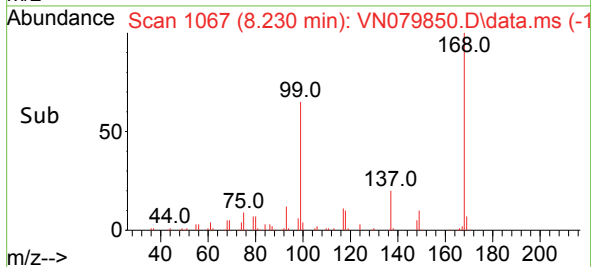
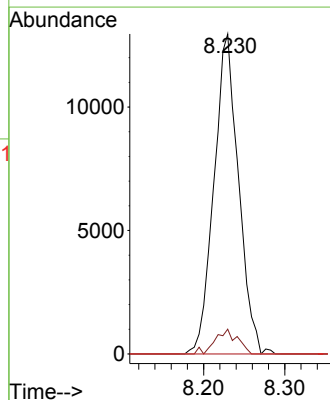
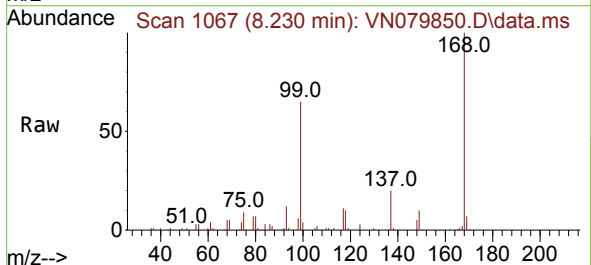
Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

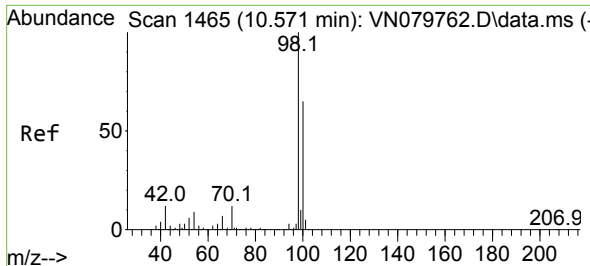
Tgt Ion: 75 Resp: 23226
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.290 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Tgt Ion: 117 Resp: 27244
Ion Ratio Lower Upper
117 100
119 7.8 77.3 115.9#
121 0.0 23.3 34.9#

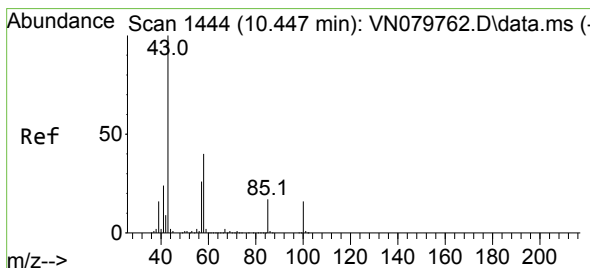
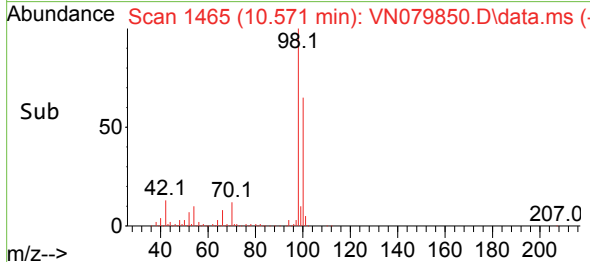
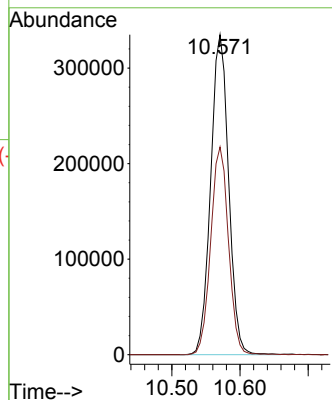
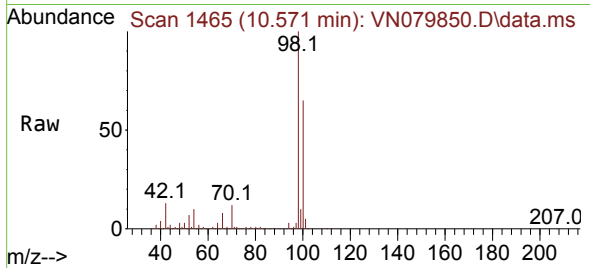




#50
Toluene-d8
Concen: 46.610 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

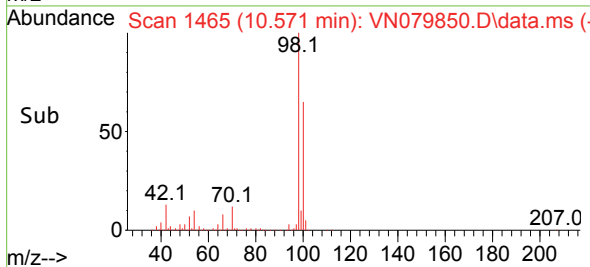
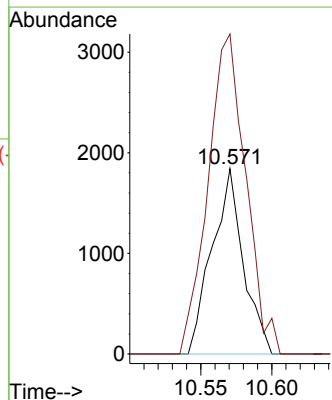
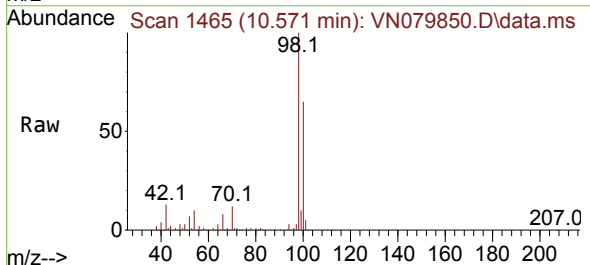
Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

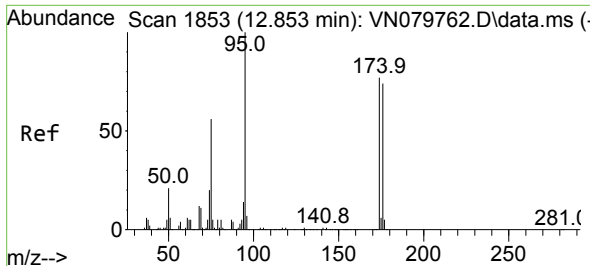
Tgt Ion: 98 Resp: 614104
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Tgt Ion: 43 Resp: 2824
Ion Ratio Lower Upper
43 100
58 208.5 36.6 54.8#

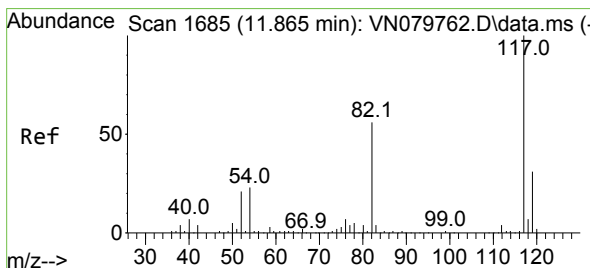
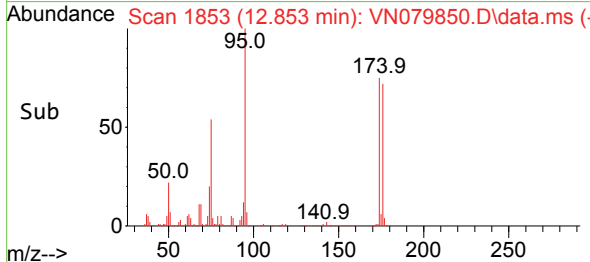
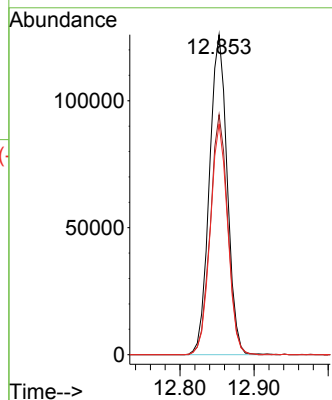
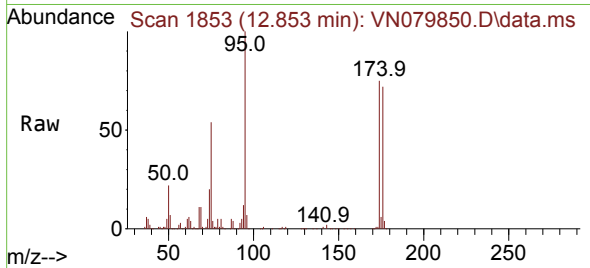




#62
4-Bromofluorobenzene
Concen: 47.983 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

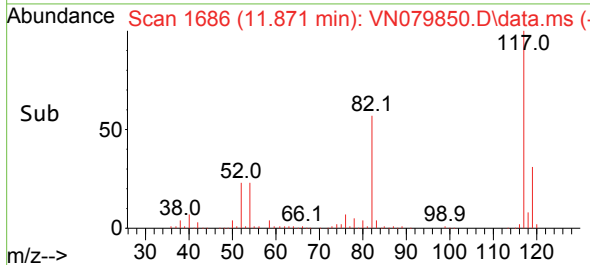
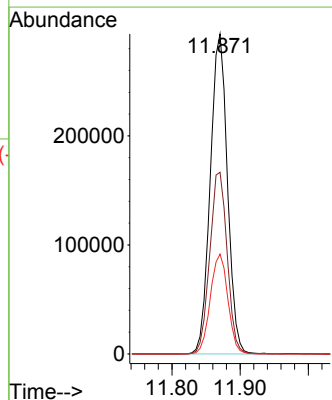
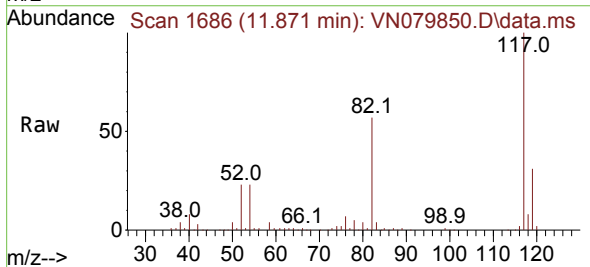
Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

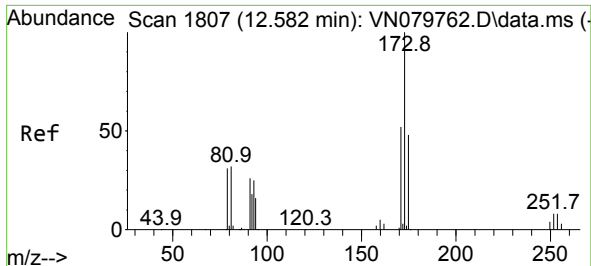
Tgt Ion: 95 Resp: 209669
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Tgt Ion: 117 Resp: 514403
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 31.2 25.6 38.4

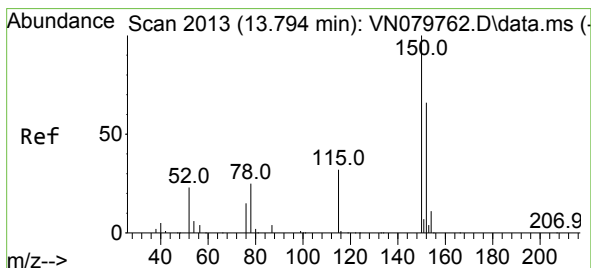
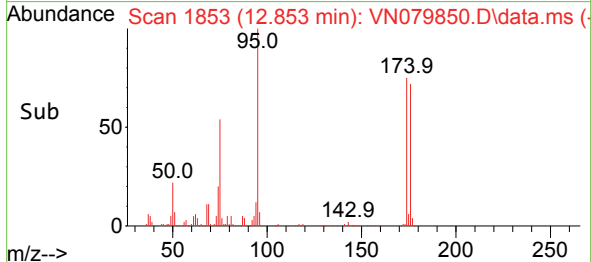
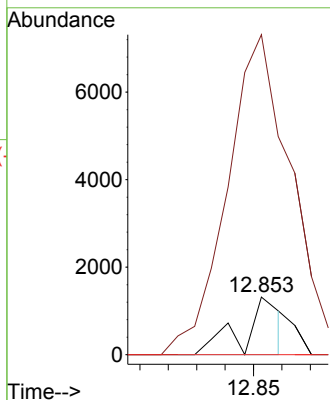
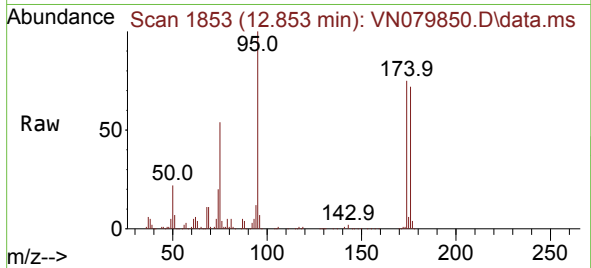




#71
Bromoform
Concen: 0.420 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

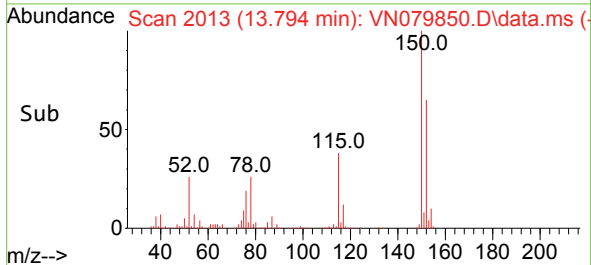
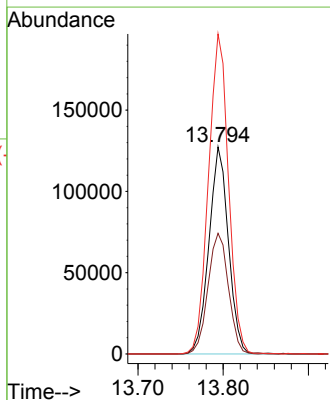
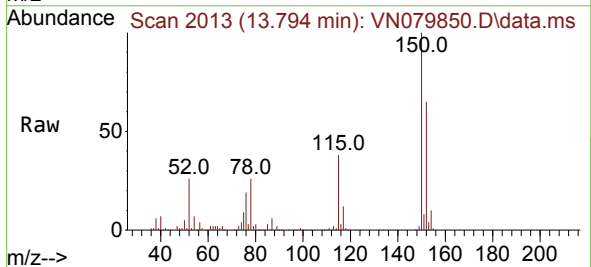
Instrument :
MSVOA_N
ClientSampleId :
FSND-TB-3

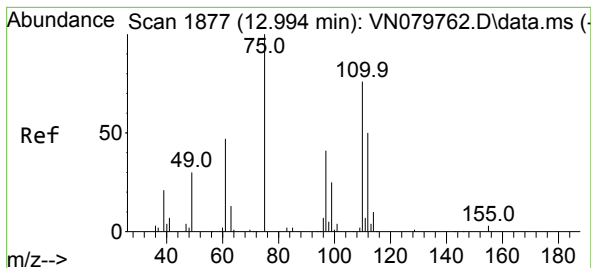
Tgt Ion:173 Resp: 1199
Ion Ratio Lower Upper
173 100
175 754.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079850.D
Acq: 03 Nov 2023 15:40

Tgt Ion:152 Resp: 202948
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 158.5 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 24.167 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079850.D

Acq: 03 Nov 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

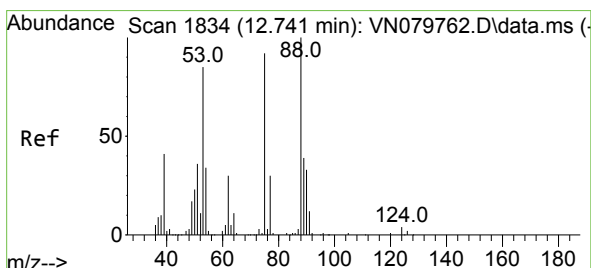
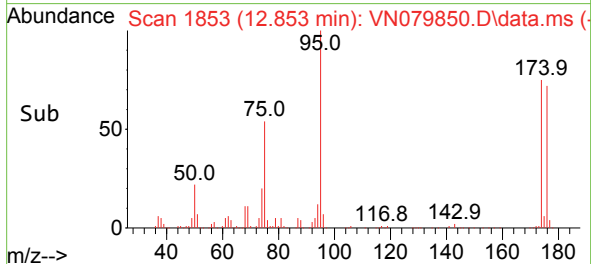
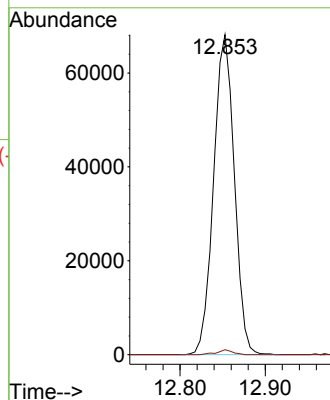
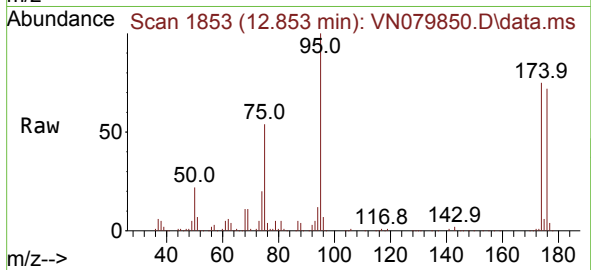
FSND-TB-3

Tgt Ion: 75 Resp: 115145

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.752 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079850.D

Acq: 03 Nov 2023 15:40

Tgt Ion: 75 Resp: 115145

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

