

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079903.D
 Acq On : 04 Nov 2023 19:16
 Operator : JC\MD
 Sample : 05223-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-25-20231031DL

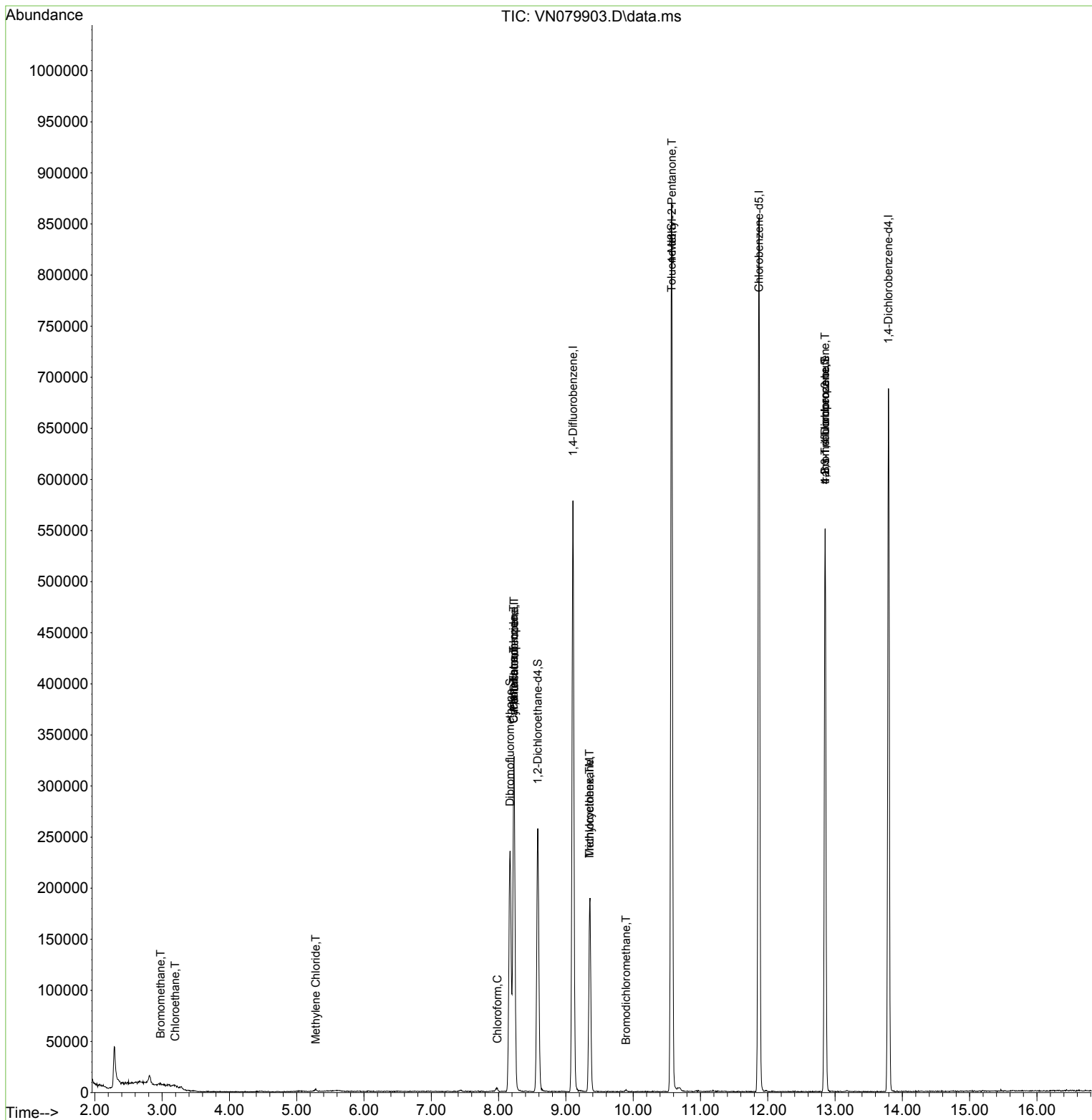
Quant Time: Nov 06 02:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

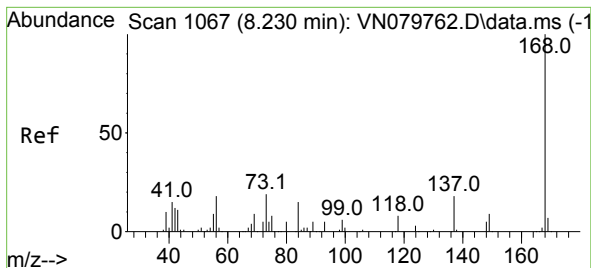
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	230641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206408	58.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.480%			
35) Dibromofluoromethane	8.171	113	170902	51.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	10.571	98	580253	47.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.240%			
62) 4-Bromofluorobenzene	12.853	95	186358	46.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.220%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1348	Below Cal	#	85
5) Bromomethane	2.977	94	635	0.287	ug/l #	13
6) Chloroethane	3.195	64	2751	0.957	ug/l #	43
20) Methylene Chloride	5.283	84	1121	0.360	ug/l #	88
30) Chloroform	7.983	83	3708	0.637	ug/l #	80
31) Cyclohexane	8.224	56	5747	1.238	ug/l #	42
36) 1,1-Dichloropropene	8.230	75	21823	4.617	ug/l #	46
38) Carbon Tetrachloride	8.224	117	25226	5.296	ug/l #	15
39) Methylcyclohexane	9.353	83	1208	0.272	ug/l #	1
44) Trichloroethene	9.353	130	64968	18.496	ug/l	100
47) Bromodichloromethane	9.894	83	1515	0.288	ug/l #	83
51) 4-Methyl-2-Pentanone	10.576	43	3313	0.774	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	102824	25.057	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102824	68.174	ug/l #	15

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

Quant Time: Nov 06 02:18:24 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: VN079903.D

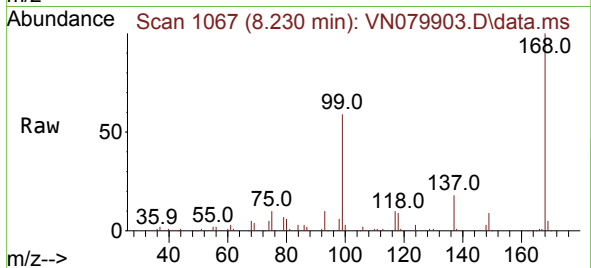
Acq: 04 Nov 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-25-20231031DL

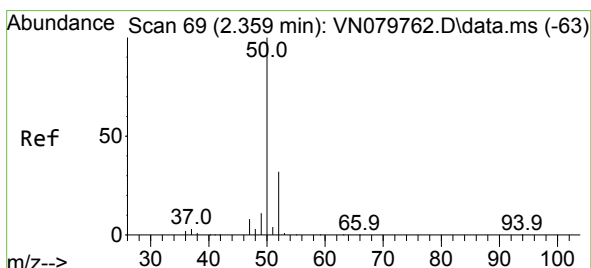
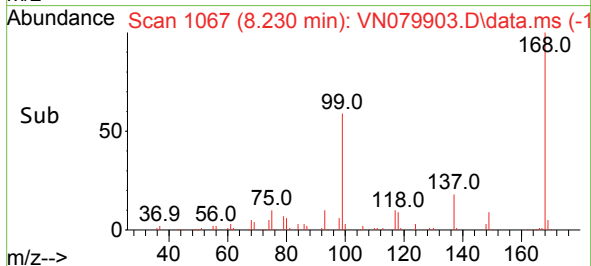
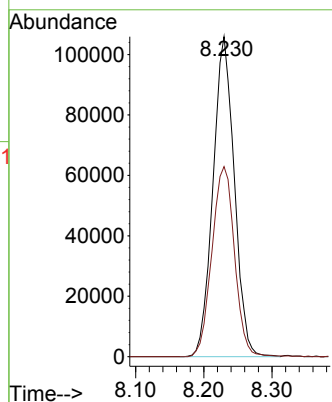


Tgt Ion:168 Resp: 230641

Ion Ratio Lower Upper

168 100

99 59.4 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079903.D

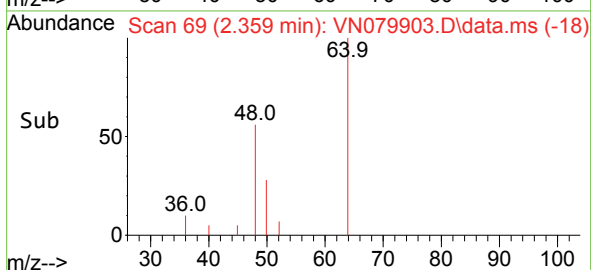
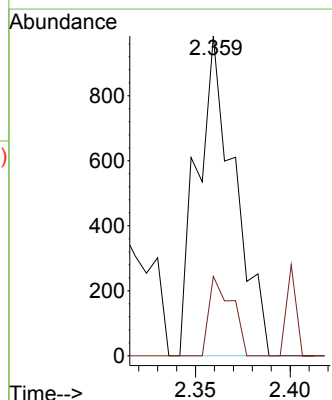
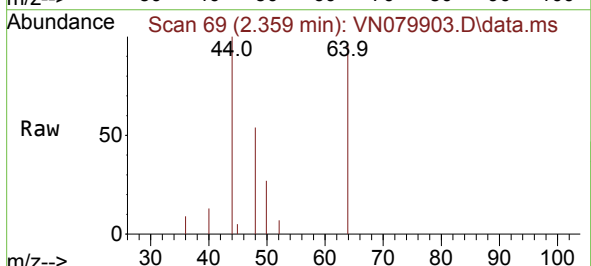
Acq: 04 Nov 2023 19:16

Tgt Ion: 50 Resp: 1348

Ion Ratio Lower Upper

50 100

52 24.8 26.5 39.7#

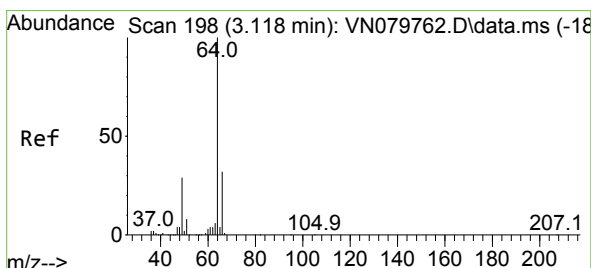
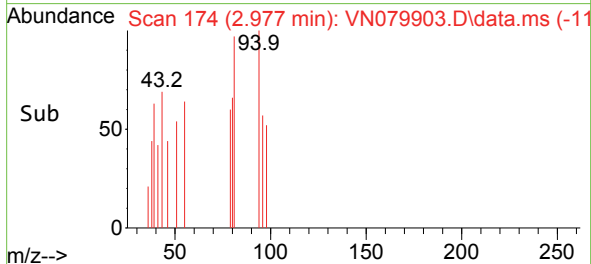
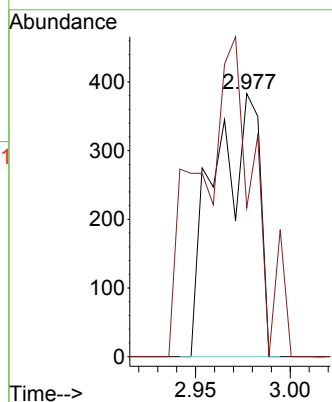
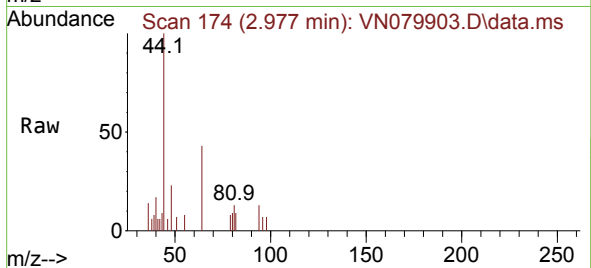




#5
Bromomethane
Concen: 0.287 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

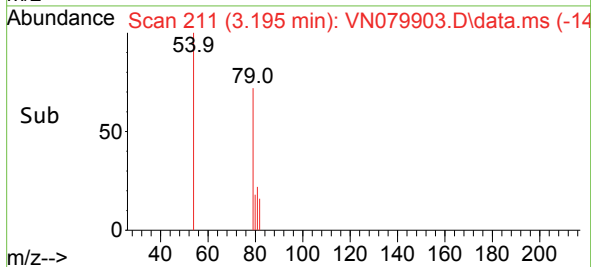
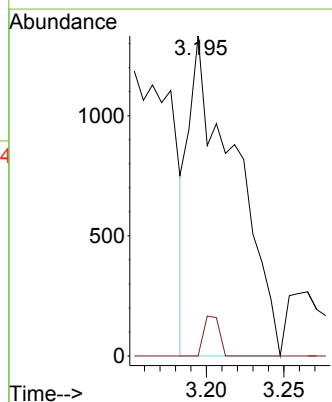
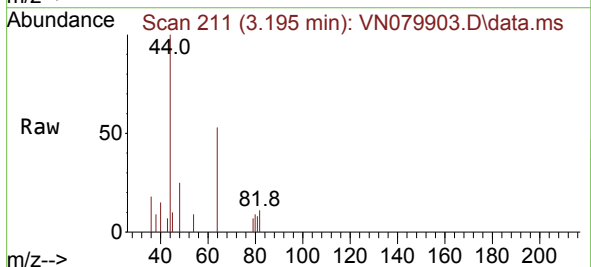
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

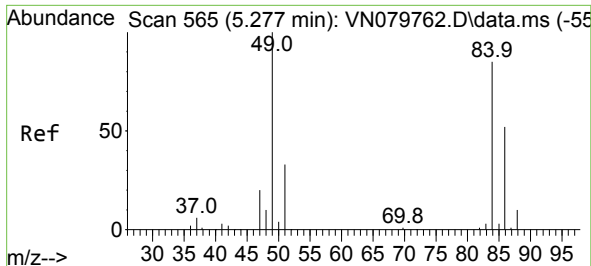
Tgt Ion: 94 Resp: 635
Ion Ratio Lower Upper
94 100
96 8.4 73.1 109.7#



#6
Chloroethane
Concen: 0.957 ug/l
RT: 3.195 min Scan# 211
Delta R.T. 0.077 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion: 64 Resp: 2751
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

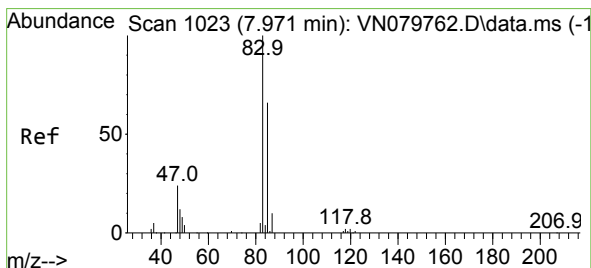
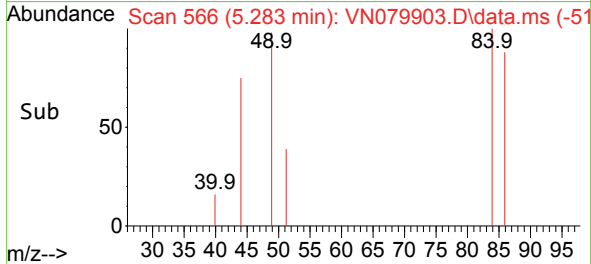
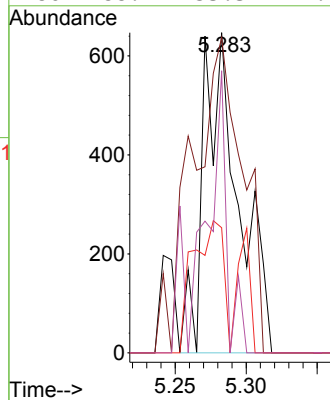
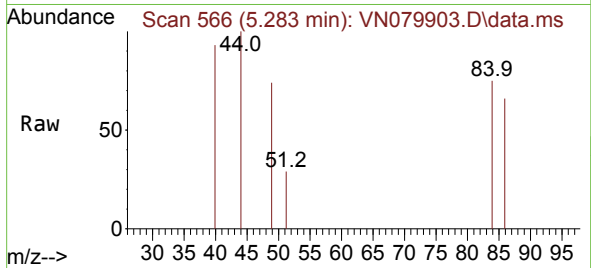




#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

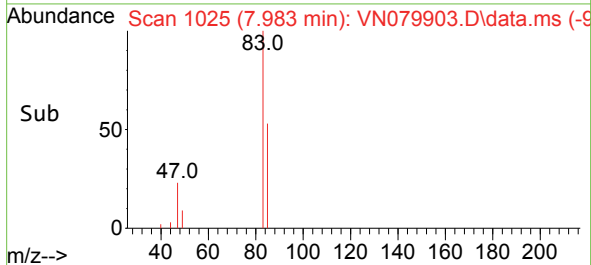
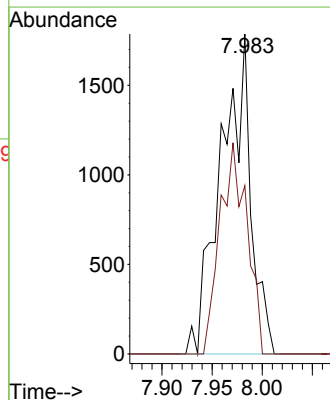
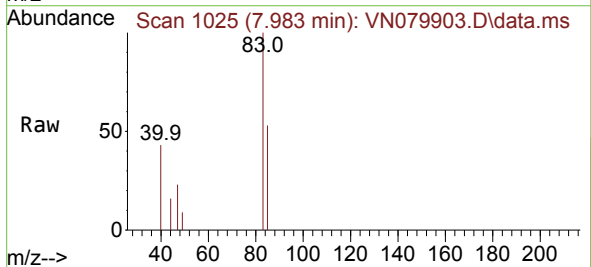
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

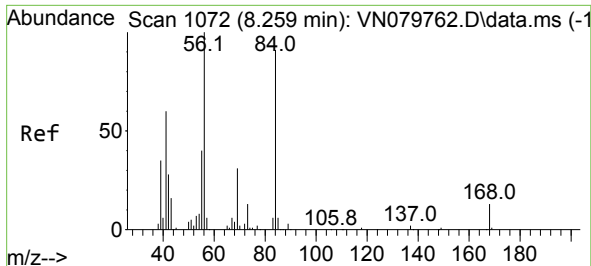
Tgt Ion:	84	Resp:	1121
Ion	Ratio	Lower	Upper
84	100		
49	98.5	79.7	119.5
51	39.1	25.2	37.8#
86	88.1	53.3	79.9#



#30
Chloroform
Concen: 0.637 ug/l
RT: 7.983 min Scan# 1025
Delta R.T. 0.012 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion:	83	Resp:	3708
Ion	Ratio	Lower	Upper
83	100		
85	52.6	55.4	83.0#

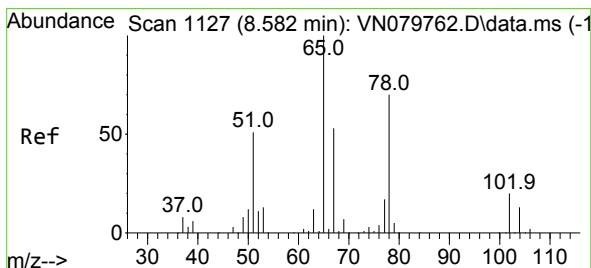
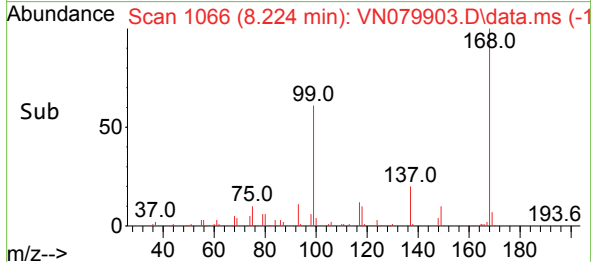
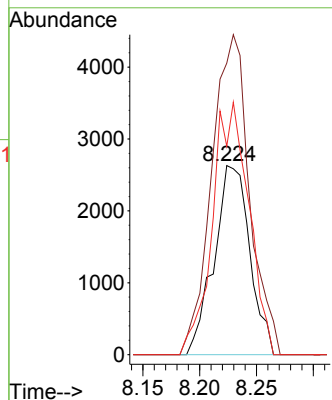
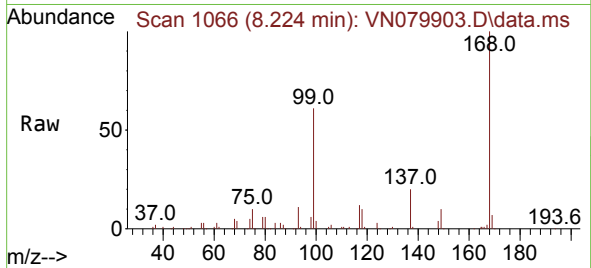




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

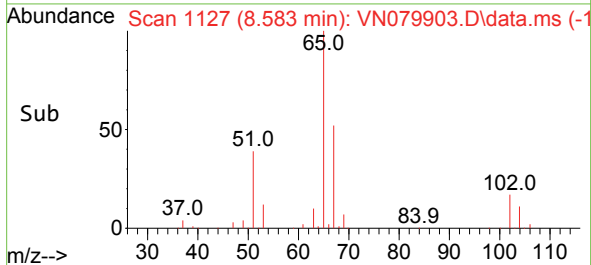
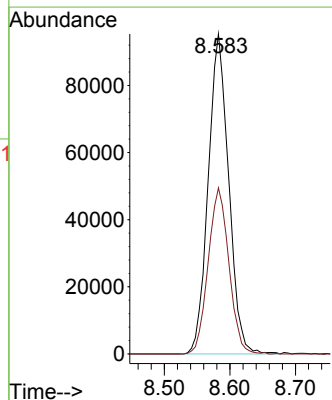
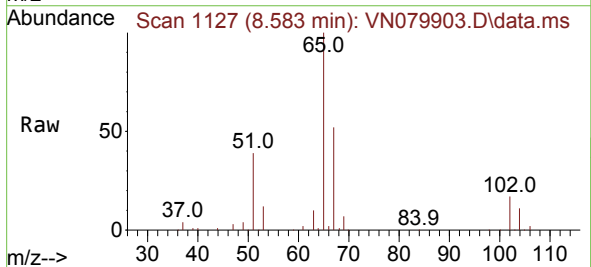
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

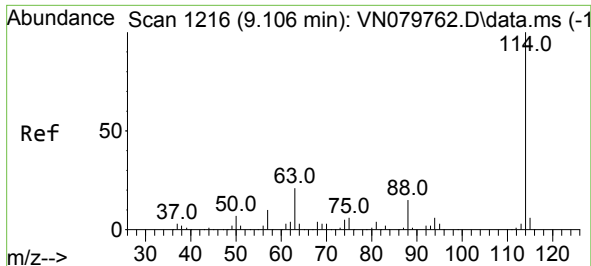
Tgt Ion: 56 Resp: 5747
Ion Ratio Lower Upper
56 100
69 154.2 26.8 40.2#
84 110.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 58.741 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion: 65 Resp: 206408
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

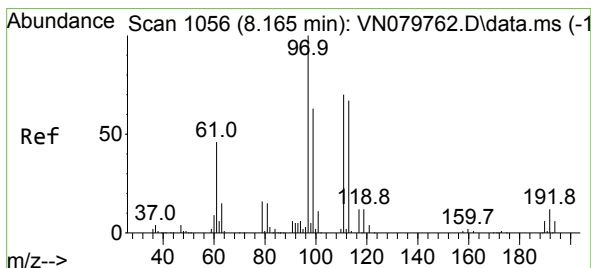
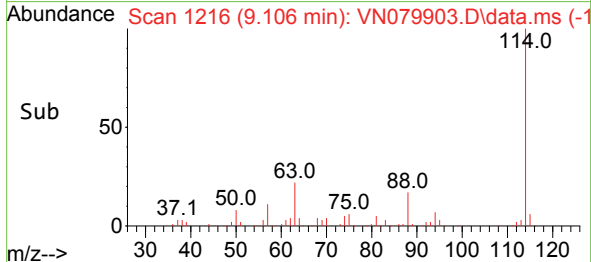
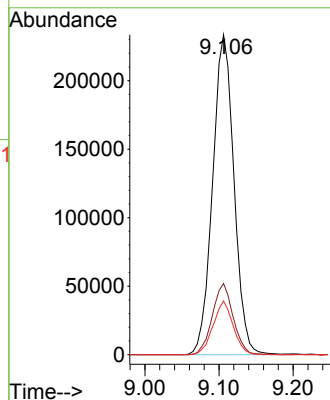
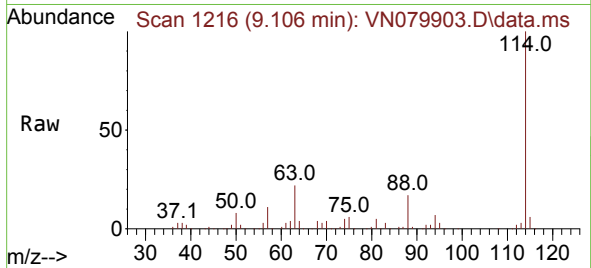




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

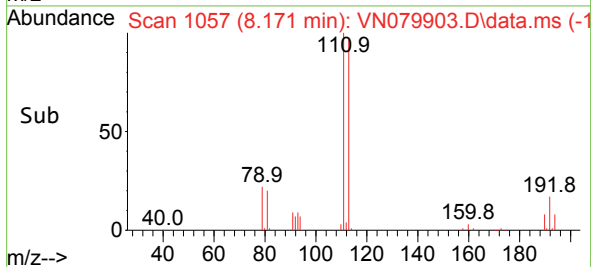
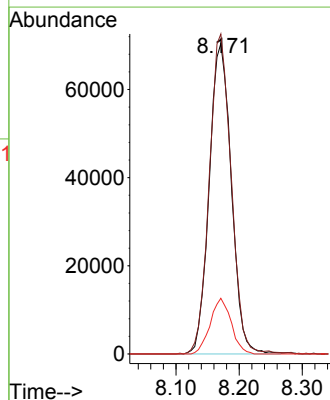
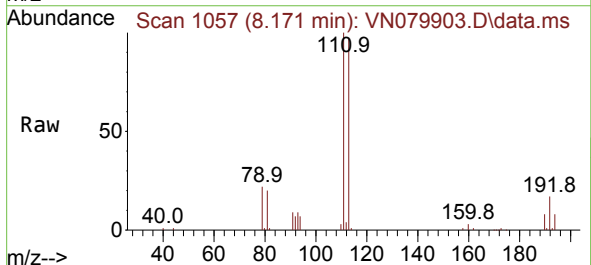
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

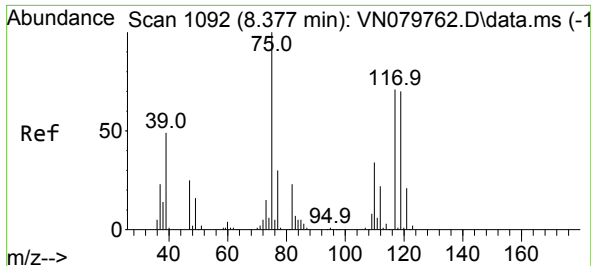
Tgt Ion:114 Resp: 467678
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.4
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.631 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion:113 Resp: 170902
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.1 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079903.D

Acq: 04 Nov 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-25-20231031DL

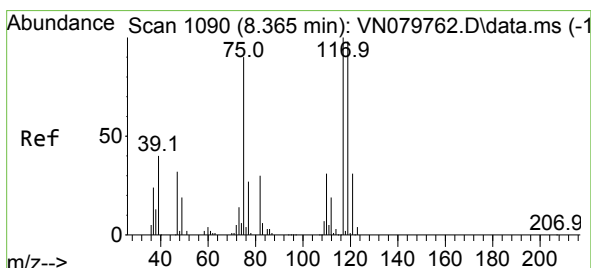
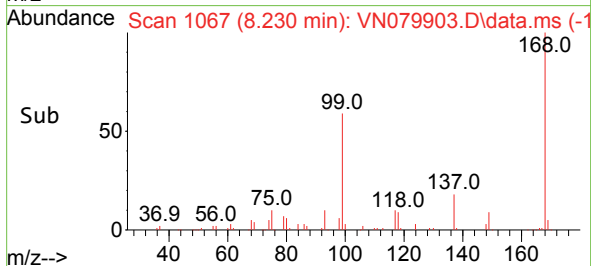
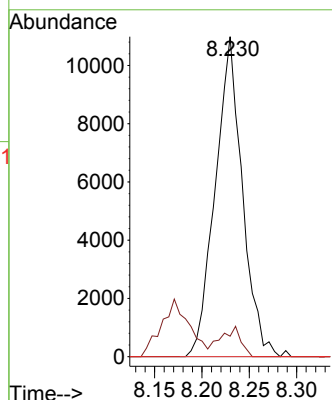
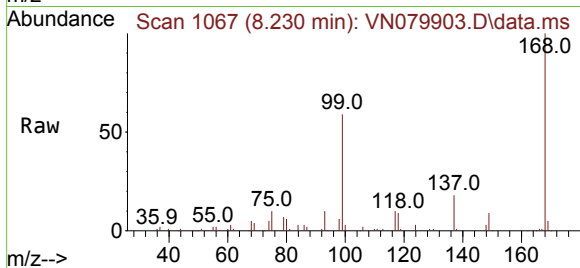
Tgt Ion: 75 Resp: 21823

Ion Ratio Lower Upper

75 100

110 7.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.296 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN079903.D

Acq: 04 Nov 2023 19:16

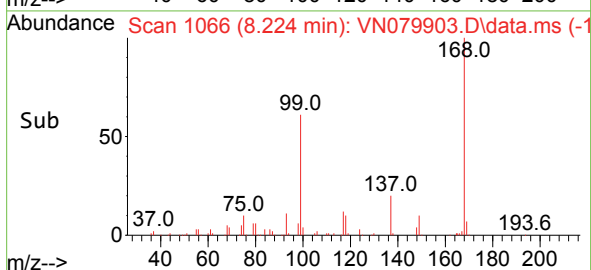
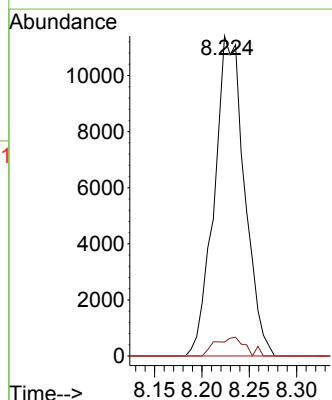
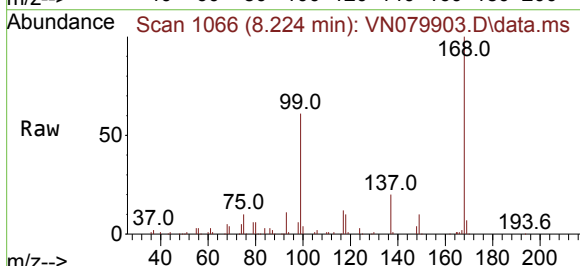
Tgt Ion: 117 Resp: 25226

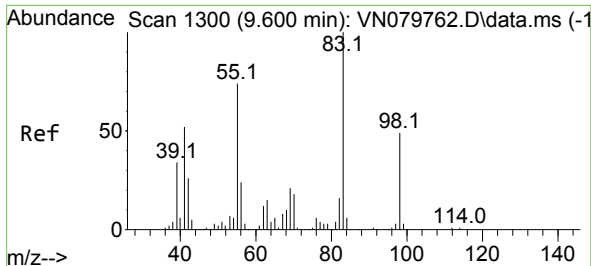
Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.272 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.253 min

Lab File: VN079903.D

Acq: 04 Nov 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-25-20231031DL

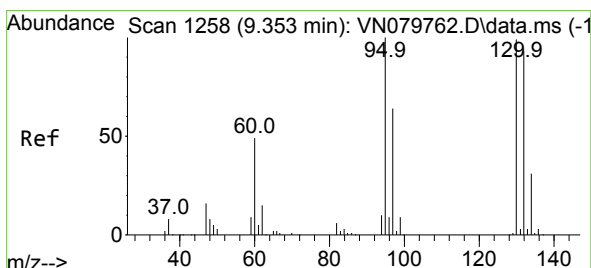
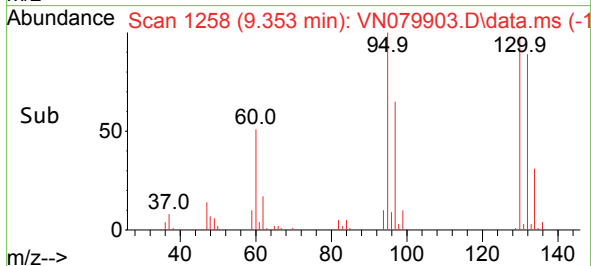
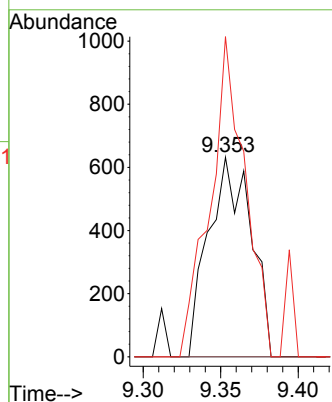
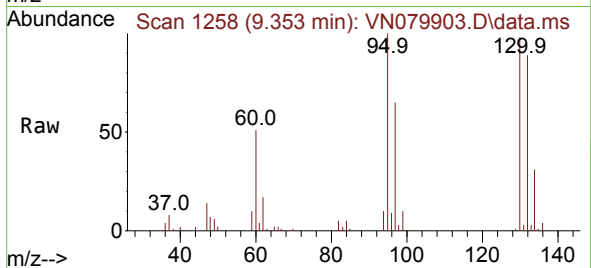
Tgt Ion: 83 Resp: 1208

Ion Ratio Lower Upper

83 100

55 0.0 49.1 73.7#

98 160.4 40.6 61.0#



#44

Trichloroethene

Concen: 18.496 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079903.D

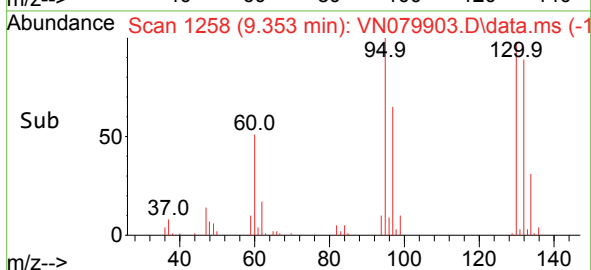
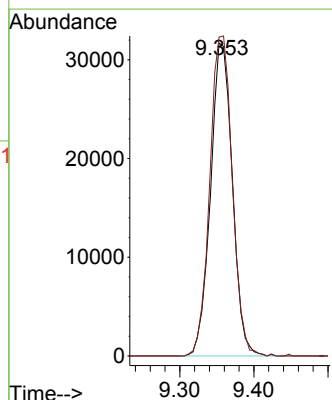
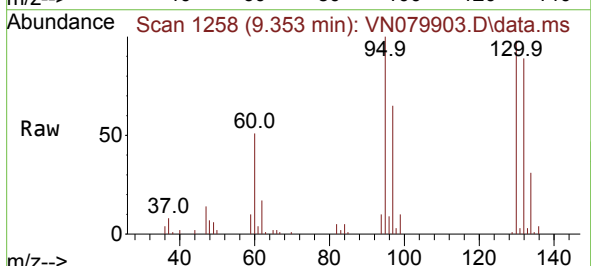
Acq: 04 Nov 2023 19:16

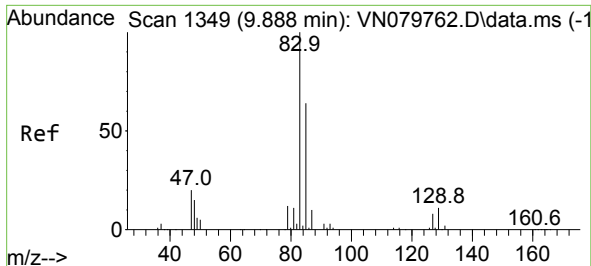
Tgt Ion:130 Resp: 64968

Ion Ratio Lower Upper

130 100

95 101.9 0.0 204.6





#47

Bromodichloromethane

Concen: 0.288 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079903.D

Acq: 04 Nov 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-25-20231031DL

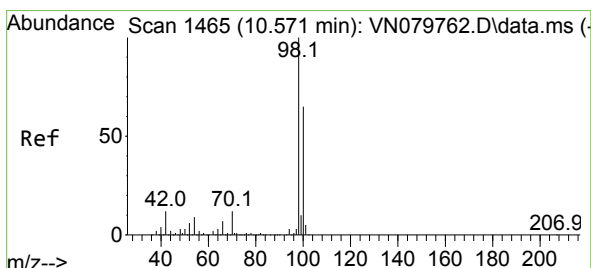
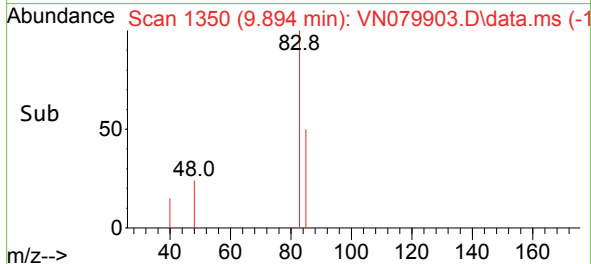
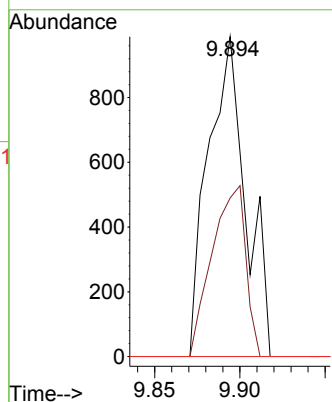
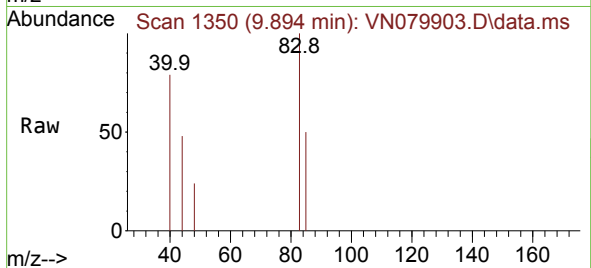
Tgt Ion: 83 Resp: 1515

Ion Ratio Lower Upper

83 100

85 49.6 49.6 74.4#

127 0.0 7.0 10.6#



#50

Toluene-d8

Concen: 47.619 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079903.D

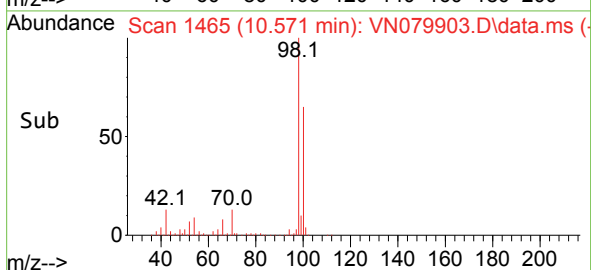
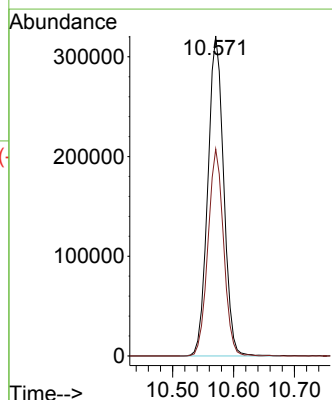
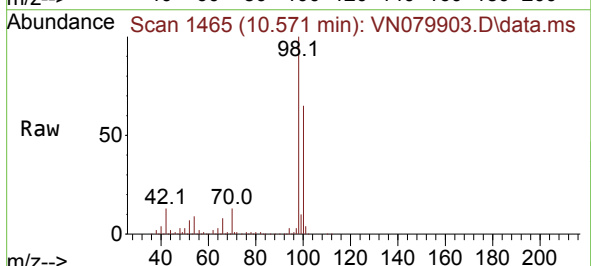
Acq: 04 Nov 2023 19:16

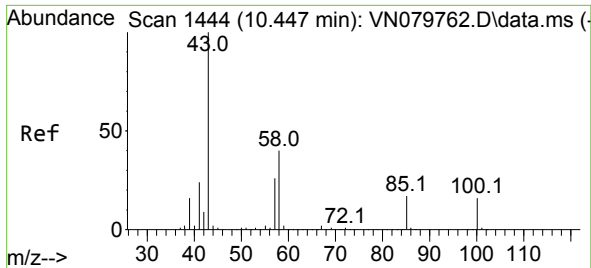
Tgt Ion: 98 Resp: 580253

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

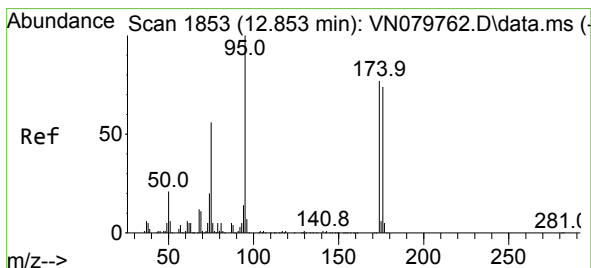
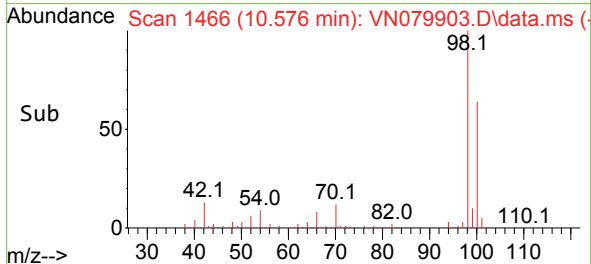
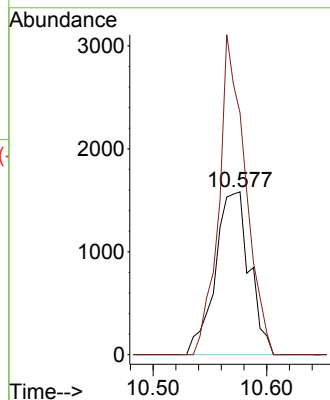
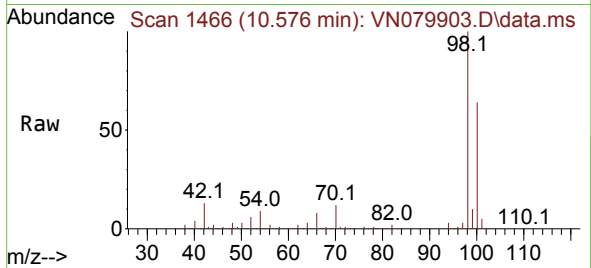




#51
4-Methyl-2-Pentanone
Concen: 0.774 ug/l
RT: 10.576 min Scan# 1444
Delta R.T. 0.130 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

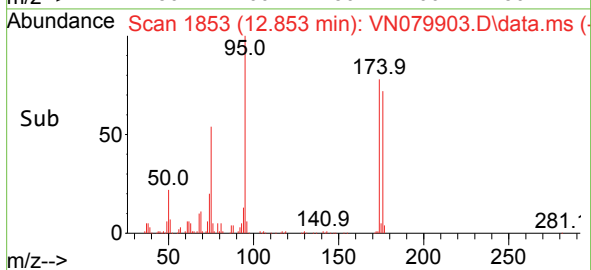
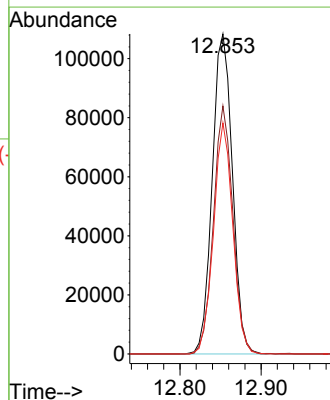
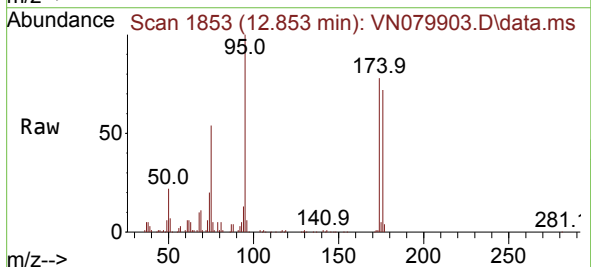
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

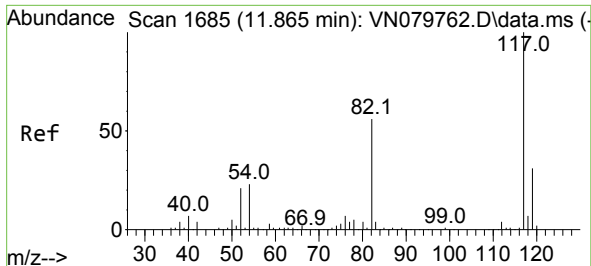
Tgt Ion: 43 Resp: 3313
Ion Ratio Lower Upper
43 100
58 153.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion: 95 Resp: 186358
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 69.4 0.0 135.8

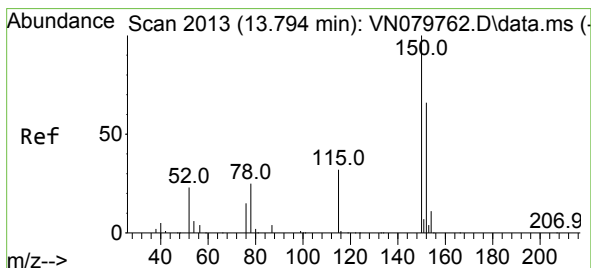
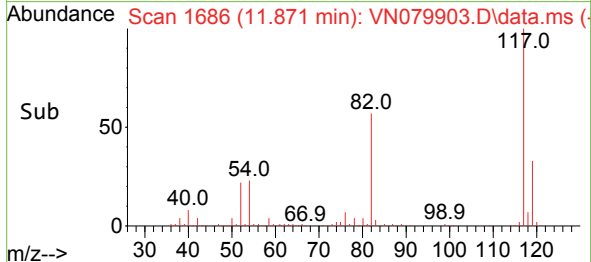
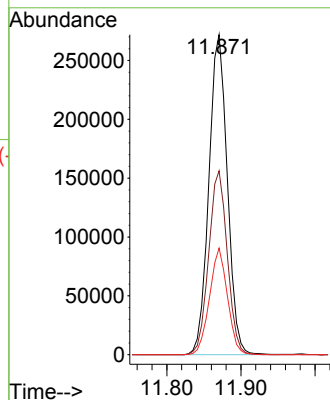
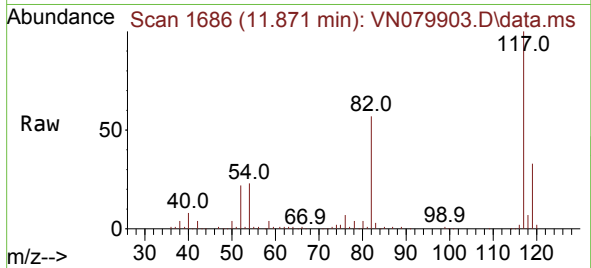




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

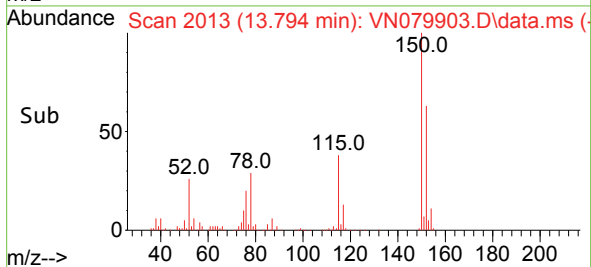
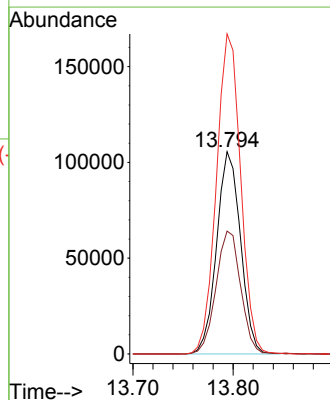
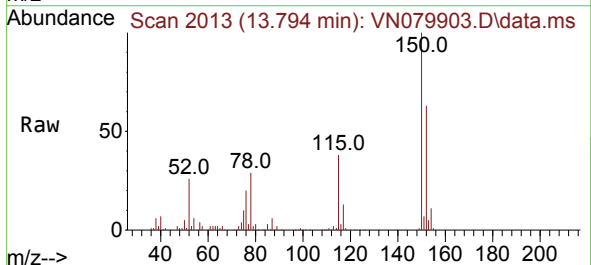
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

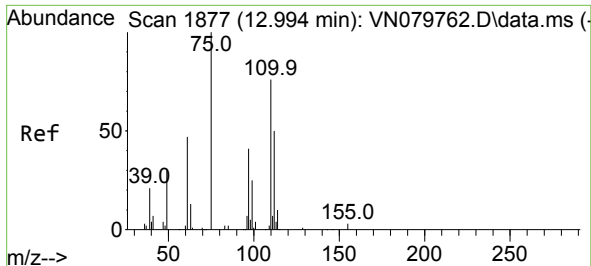
Tgt Ion:117 Resp: 469962
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion:152 Resp: 174793
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 160.7 0.0 355.8

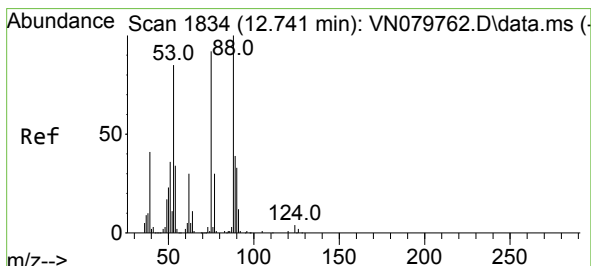
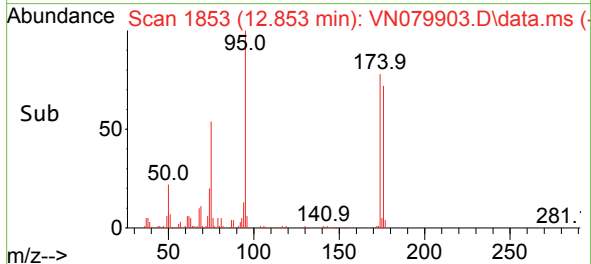
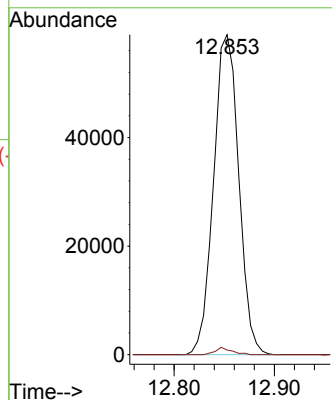
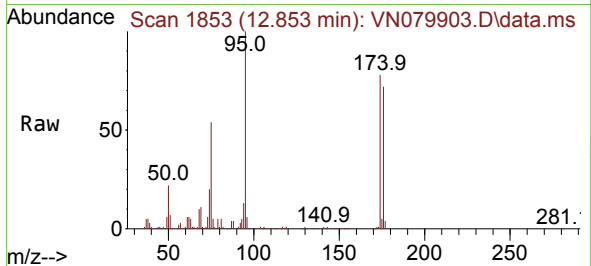




#76
1,2,3-Trichloropropane
Concen: 25.057 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-25-20231031DL

Tgt Ion: 75 Resp: 102824
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.174 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079903.D
Acq: 04 Nov 2023 19:16

Tgt Ion: 75 Resp: 102824
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

