

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079821.D
 Acq On : 03 Nov 2023 03:35
 Operator : JC\MD
 Sample : 05222-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-RB-2-20231031

Quant Time: Nov 03 05:35:37 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)

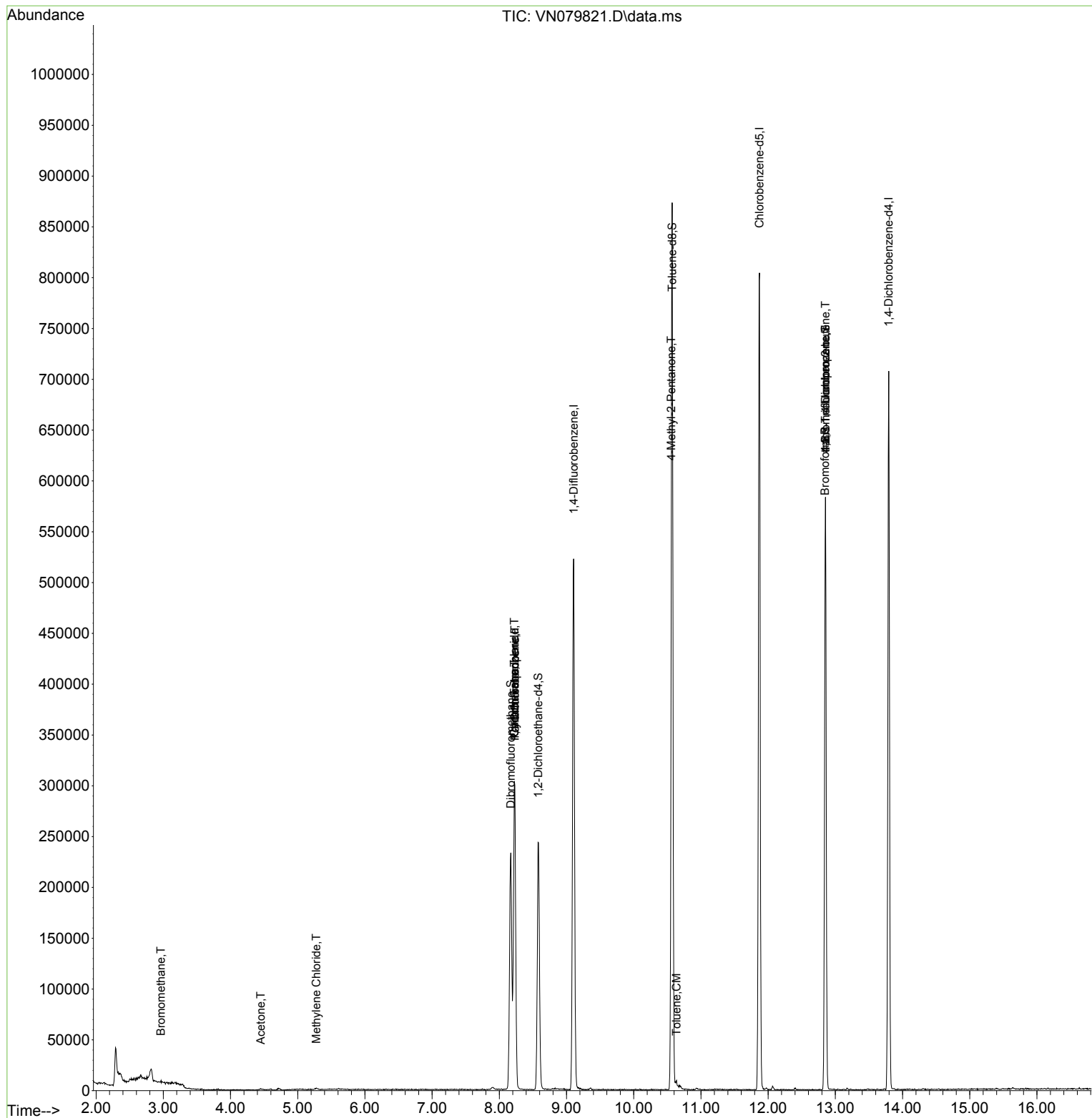
Internal Standards						
1) Pentafluorobenzene	8.230	168	217371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	440277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	448815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196547	59.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.700%
35) Dibromofluoromethane	8.171	113	165034	52.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	10.571	98	578199	50.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.853	95	192218	50.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1972	Below Cal	#	86
5) Bromomethane	2.965	94	687	0.330	ug/l	96
16) Acetone	4.448	43	1731	1.488	ug/l #	74
20) Methylene Chloride	5.277	84	715	0.244	ug/l #	89
31) Cyclohexane	8.224	56	5947	1.359	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	19369	4.353	ug/l #	46
38) Carbon Tetrachloride	8.224	117	23954	5.342	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	2918	0.724	ug/l #	1
52) Toluene	10.635	92	2733	0.346	ug/l	87
71) Bromoform	12.847	173	1514	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	106446	24.992	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106446	67.997	ug/l #	15

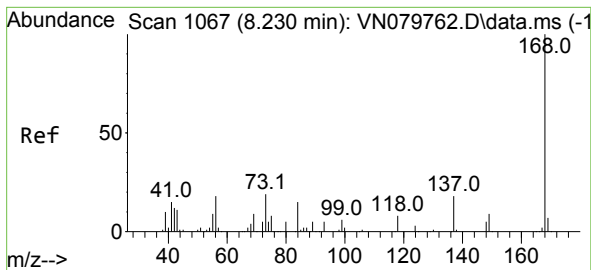
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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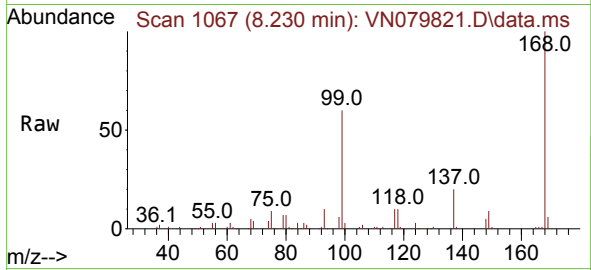
Quant Time: Nov 03 05:35:37 2023
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QLast Update : Thu Nov 02 05:49:08 2023
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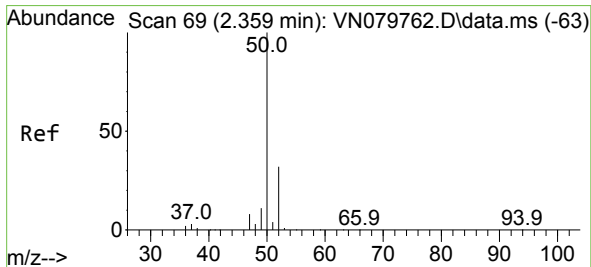
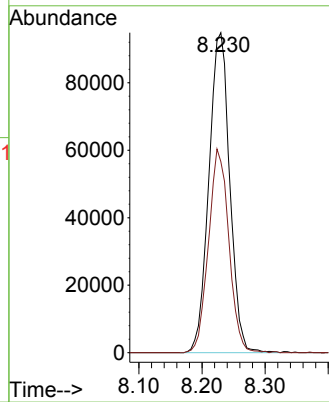
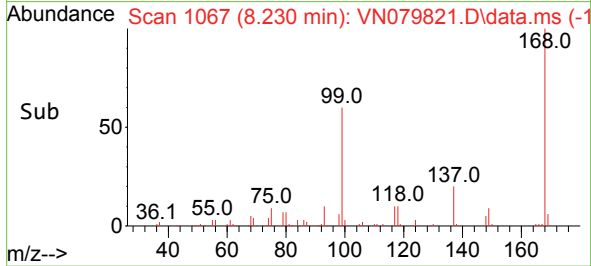


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-2-20231031

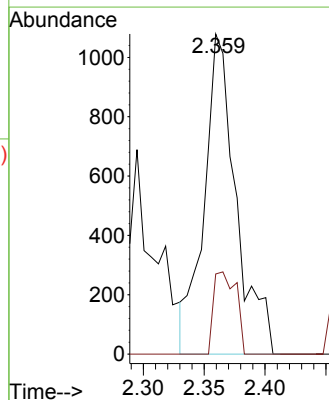
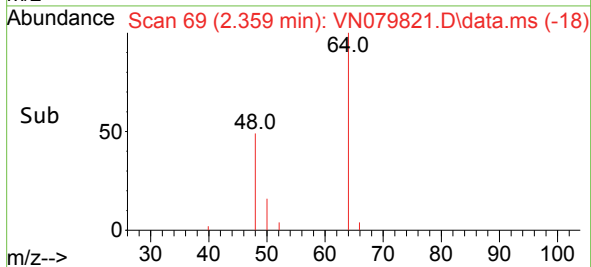
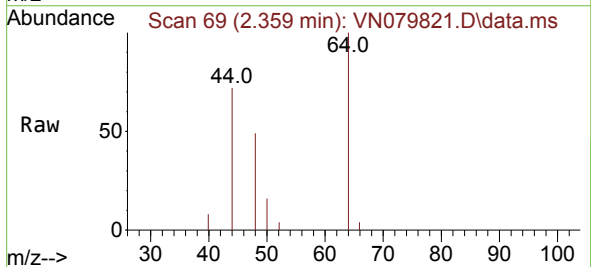


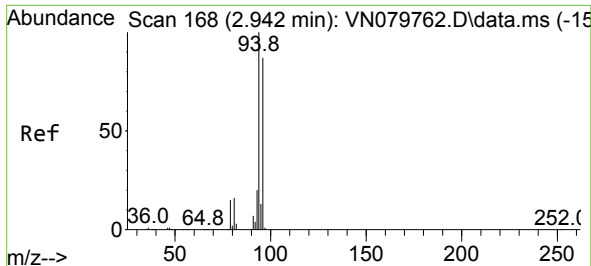
Tgt Ion:168 Resp: 217371
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion: 50 Resp: 1972
Ion Ratio Lower Upper
50 100
52 25.0 26.5 39.7#

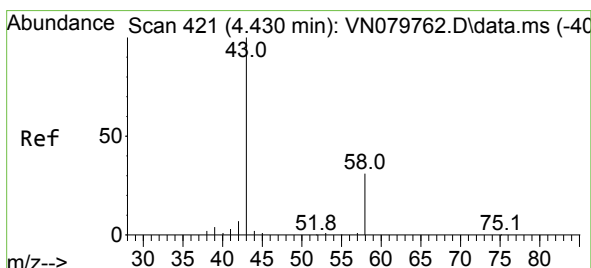
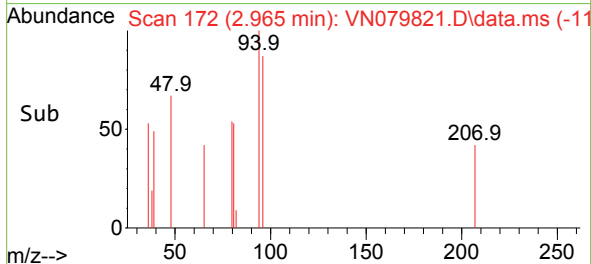
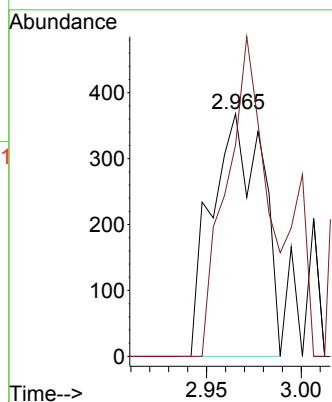
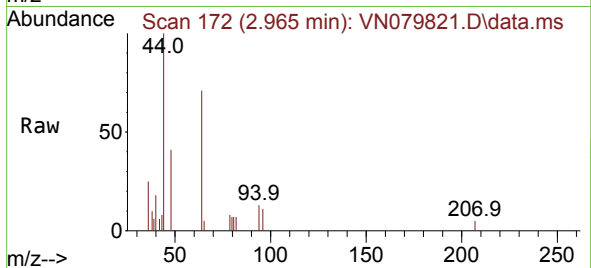




#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

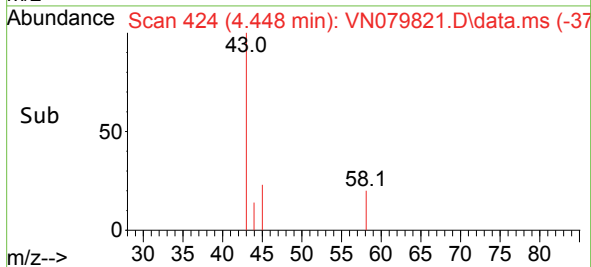
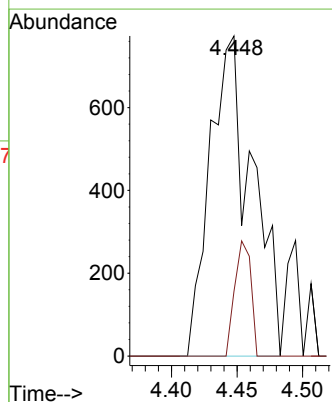
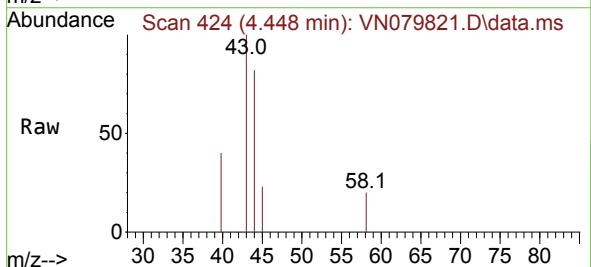
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-2-20231031

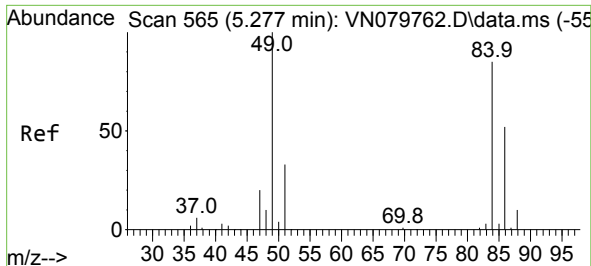
Tgt Ion: 94 Resp: 687
Ion Ratio Lower Upper
94 100
96 87.2 73.1 109.7



#16
Acetone
Concen: 1.488 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
58 20.2 28.0 42.0#

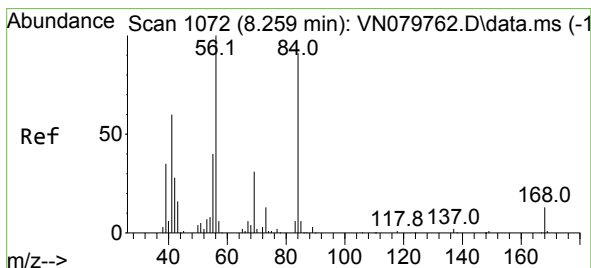
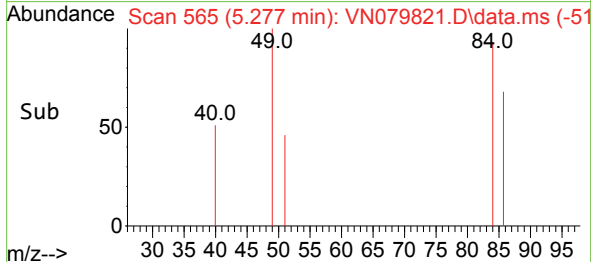
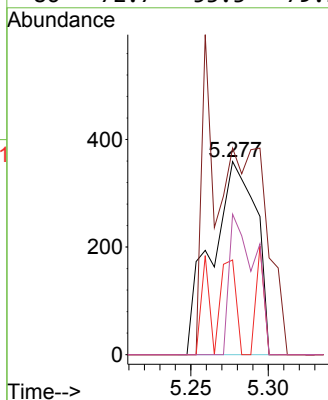
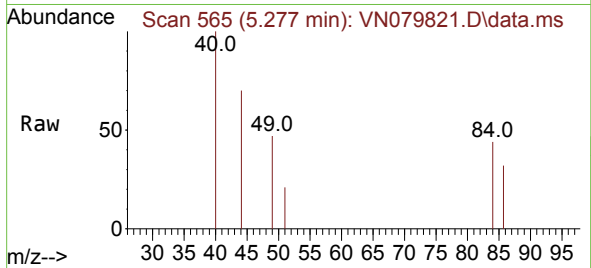




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

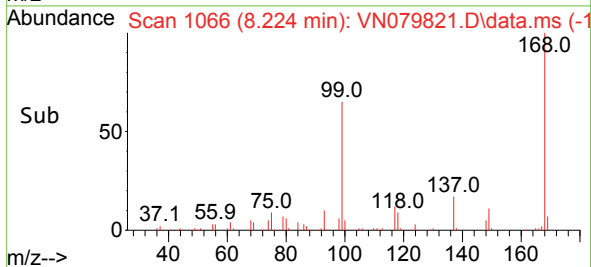
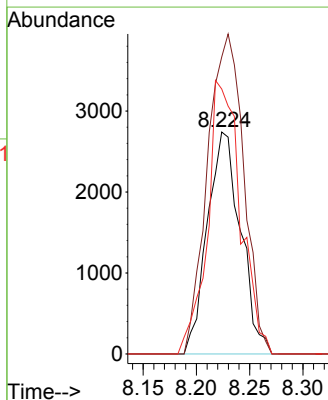
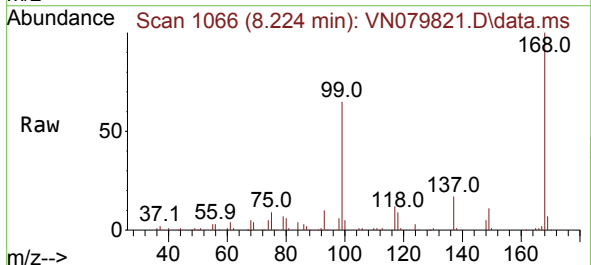
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-2-20231031

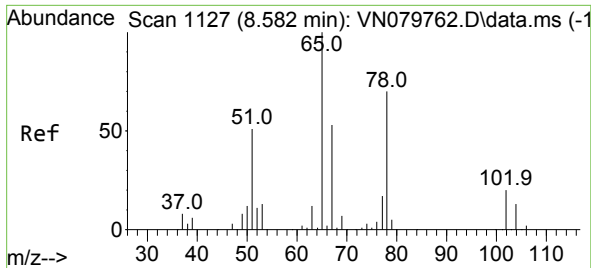
Tgt Ion:	84	Resp:	715
Ion	Ratio	Lower	Upper
84	100		
49	107.0	79.7	119.5
51	49.0	25.2	37.8#
86	72.7	53.3	79.9



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion:	56	Resp:	5947
Ion	Ratio	Lower	Upper
56	100		
69	133.9	26.8	40.2#
84	119.5	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 59.349 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

Instrument :

MSVOA_N

ClientSampleId :

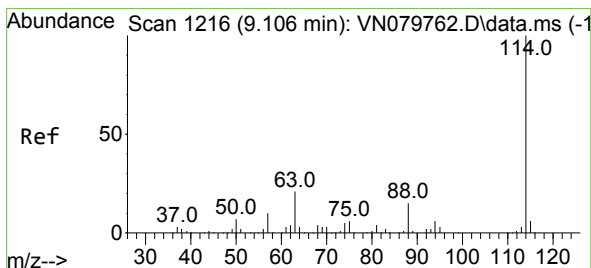
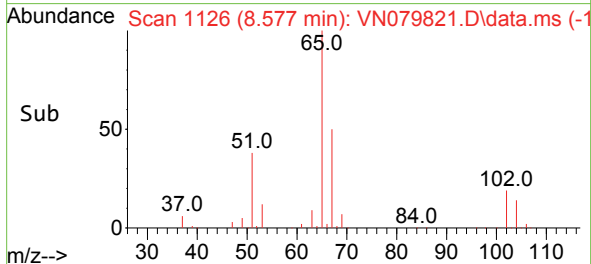
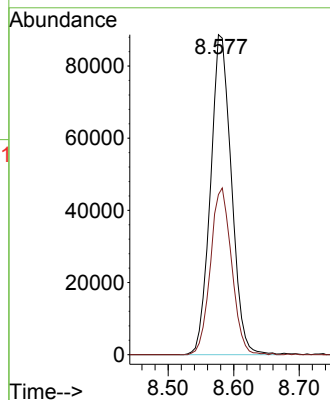
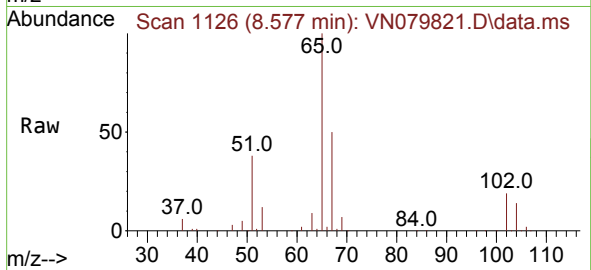
FSND-RB-2-20231031

Tgt Ion: 65 Resp: 196547

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# 1216

Delta R.T. 0.000 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

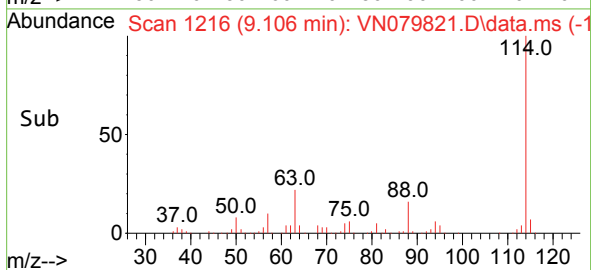
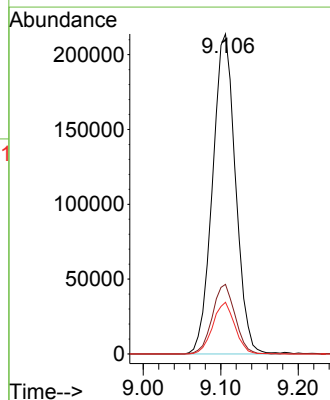
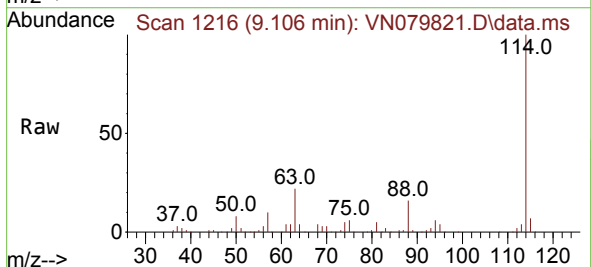
Tgt Ion: 114 Resp: 440277

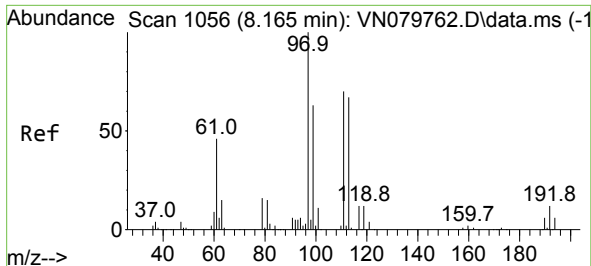
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.962 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

Instrument :

MSVOA_N

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FSND-RB-2-20231031

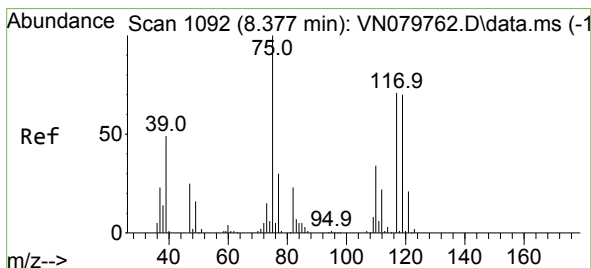
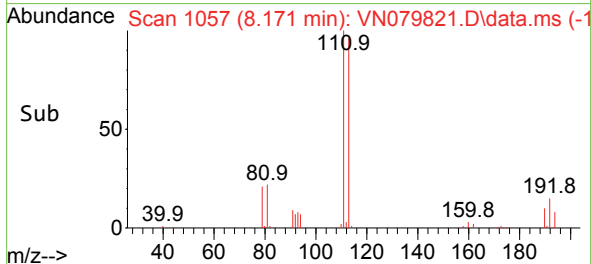
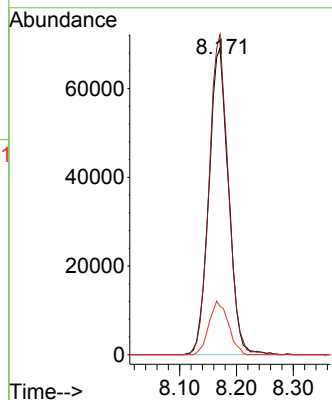
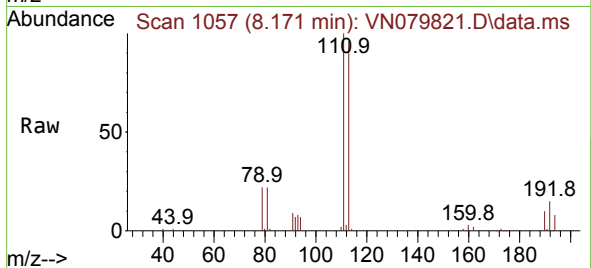
Tgt Ion:113 Resp: 165034

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.353 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

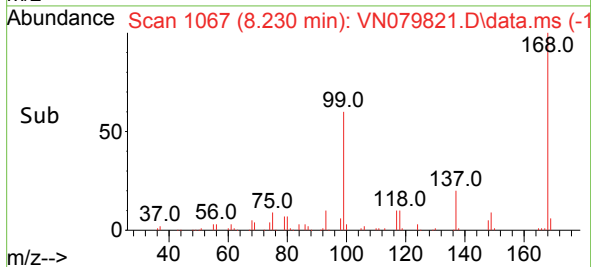
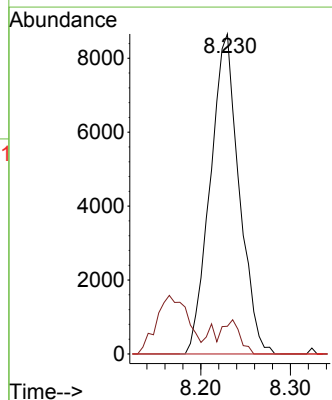
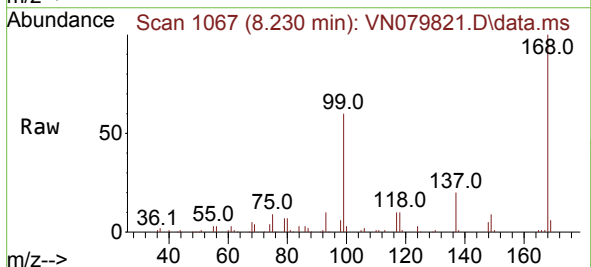
Tgt Ion: 75 Resp: 19369

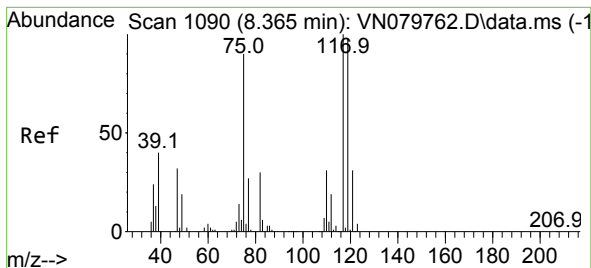
Ion Ratio Lower Upper

75 100

110 6.4 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.342 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN079821.D

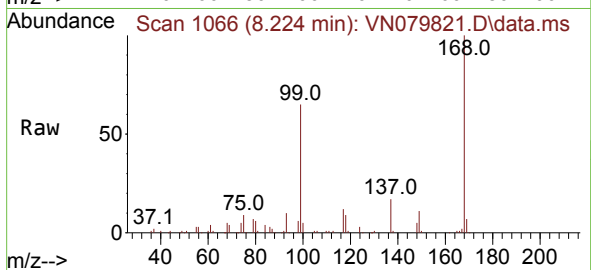
Acq: 03 Nov 2023 03:35

Instrument :

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FSND-RB-2-20231031



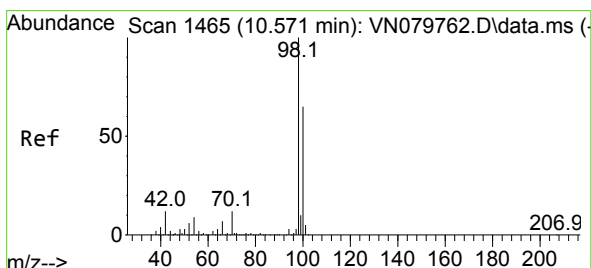
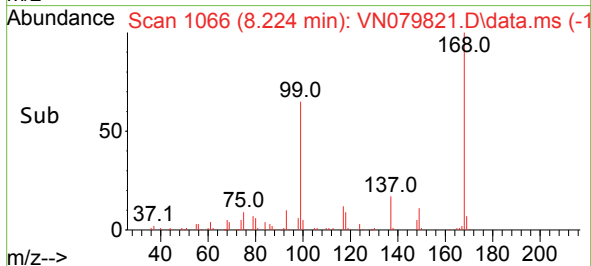
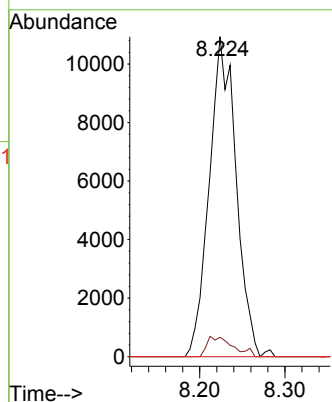
Tgt Ion:117 Resp: 23954

Ion Ratio Lower Upper

117 100

119 6.0 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.403 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079821.D

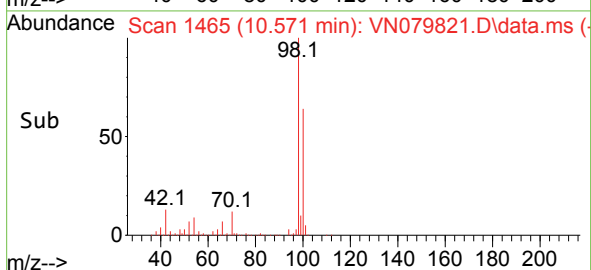
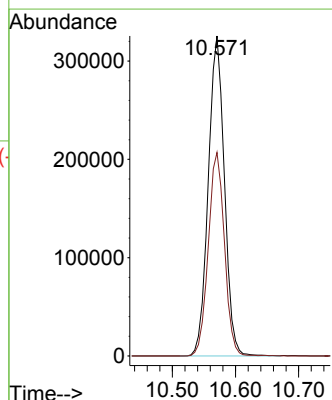
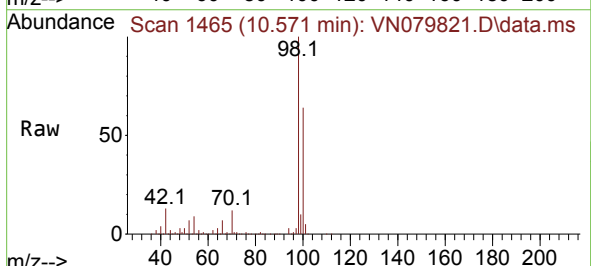
Acq: 03 Nov 2023 03:35

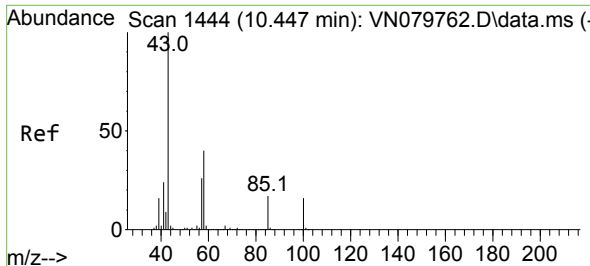
Tgt Ion: 98 Resp: 578199

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

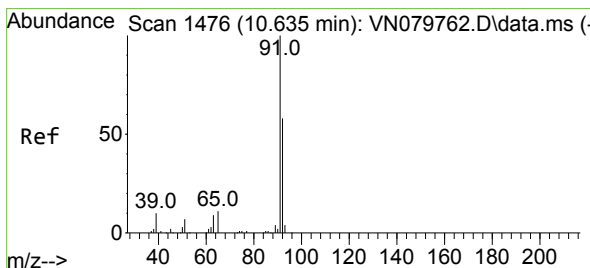
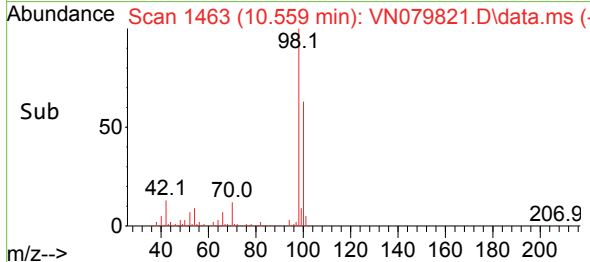
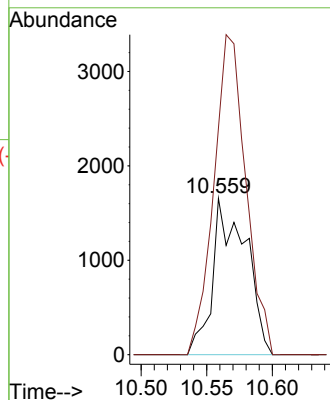
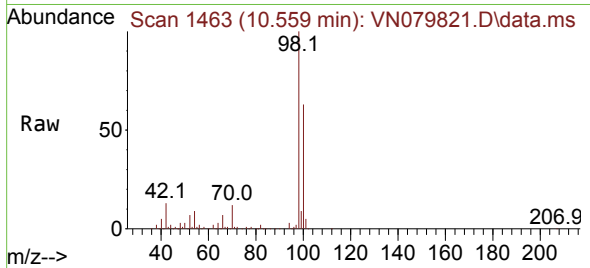




#51
4-Methyl-2-Pentanone
Concen: 0.724 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

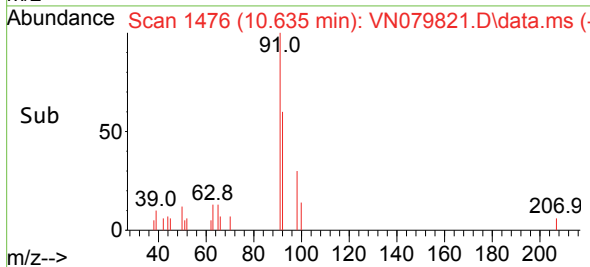
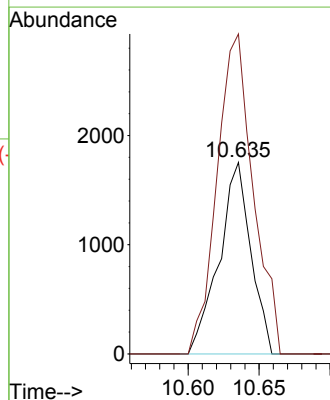
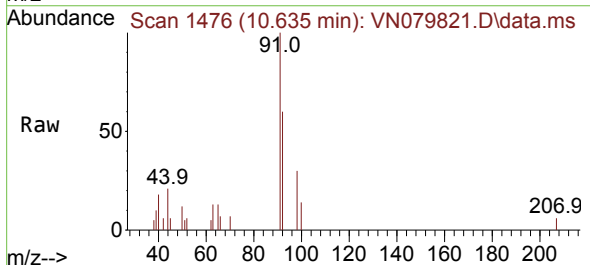
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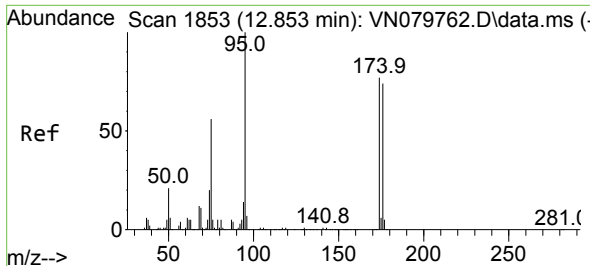
Tgt Ion: 43 Resp: 2918
Ion Ratio Lower Upper
43 100
58 197.6 36.6 54.8#



#52
Toluene
Concen: 0.346 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion: 92 Resp: 2733
Ion Ratio Lower Upper
92 100
91 190.1 137.4 206.0

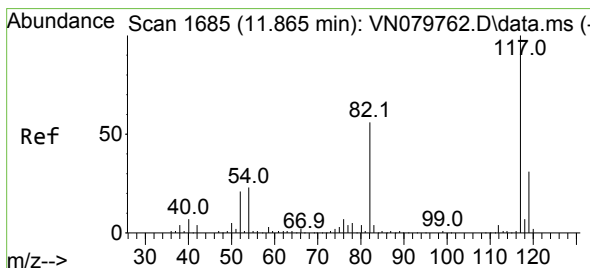
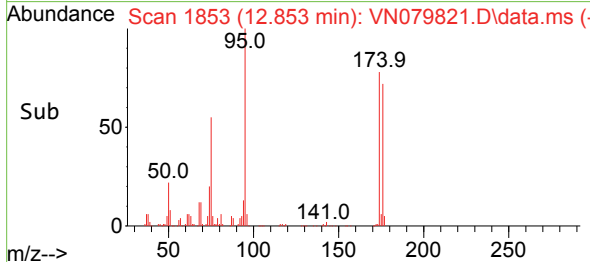
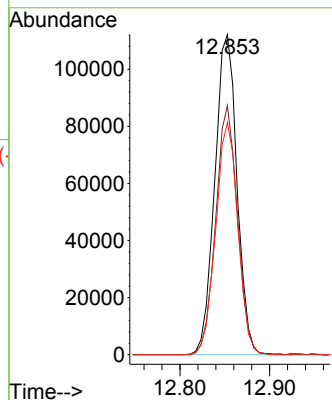
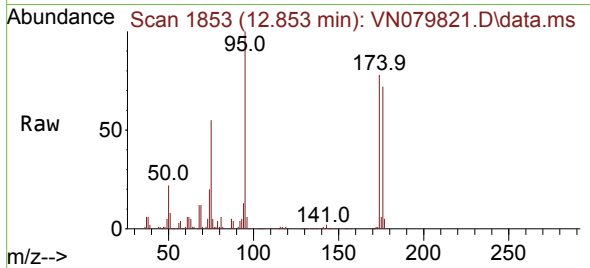




#62
4-Bromofluorobenzene
Concen: 50.524 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

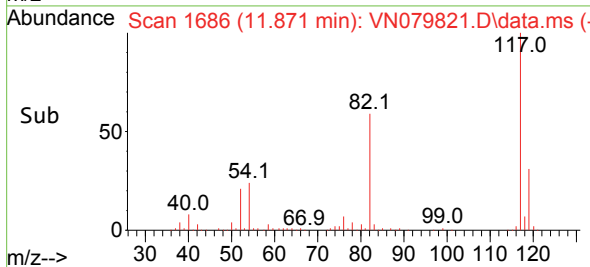
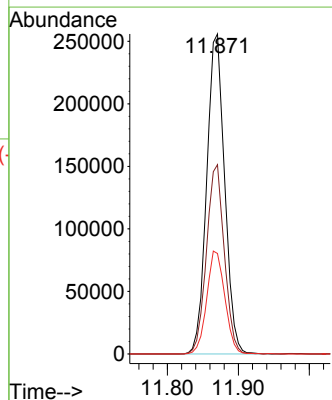
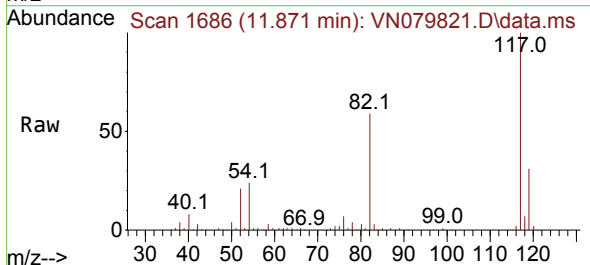
Instrument :
MSVOA_N
ClientSampleId :
FSND-RB-2-20231031

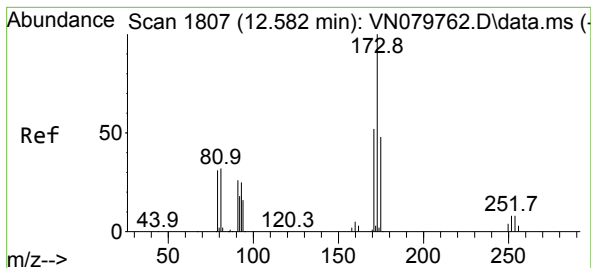
Tgt Ion:	95	Resp:	192218
Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	143.8
176	72.2	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079821.D
Acq: 03 Nov 2023 03:35

Tgt Ion:	117	Resp:	448815
Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.0	66.0
119	31.4	25.6	38.4





#71

Bromoform

Concen: 0.608 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

Instrument :

MSVOA_N

ClientSampleId :

FSND-RB-2-20231031

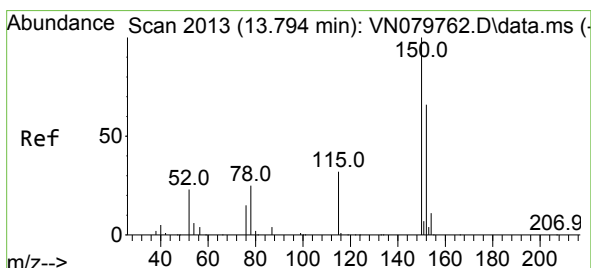
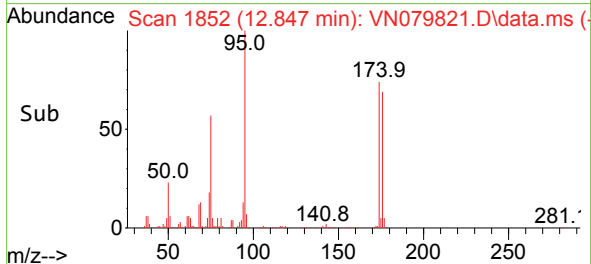
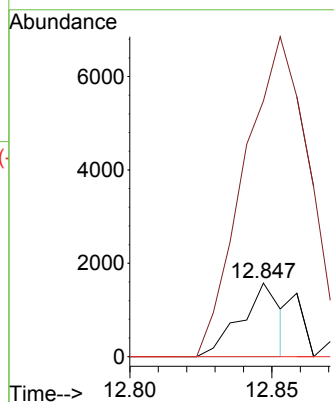
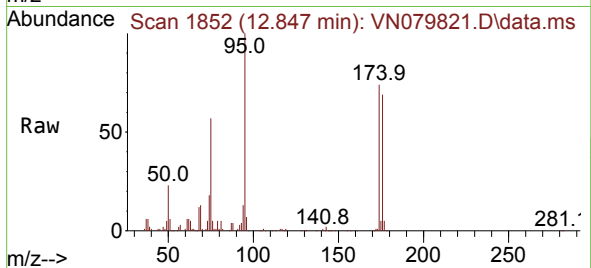
Tgt Ion:173 Resp: 1514

Ion Ratio Lower Upper

173 100

175 602.8 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: VN079821.D

Acq: 03 Nov 2023 03:35

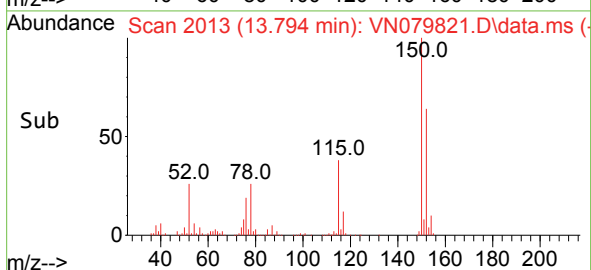
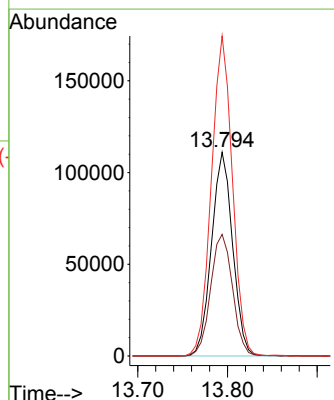
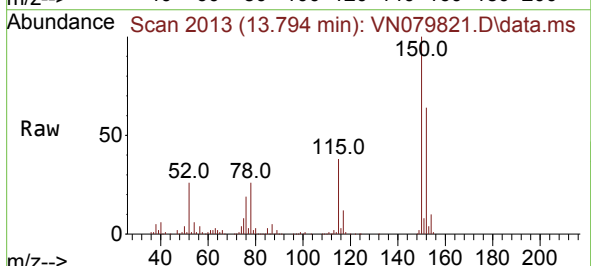
Tgt Ion:152 Resp: 181422

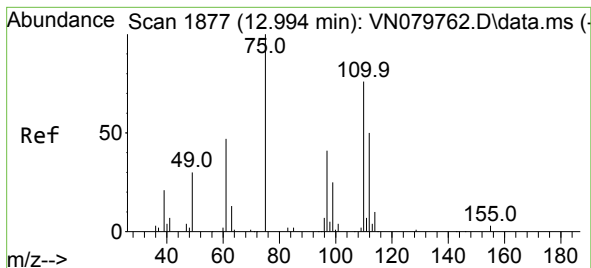
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 156.1 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 24.992 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

Instrument :

MSVOA_N

ClientSampleId :

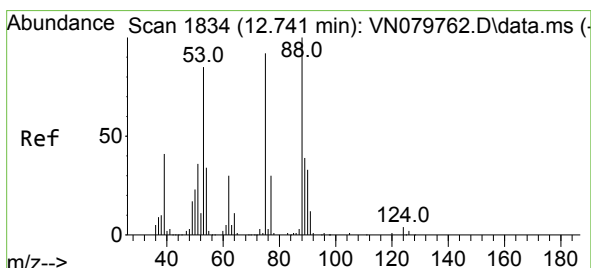
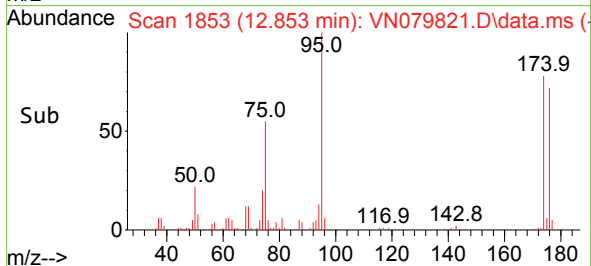
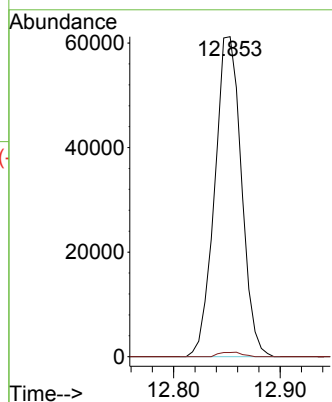
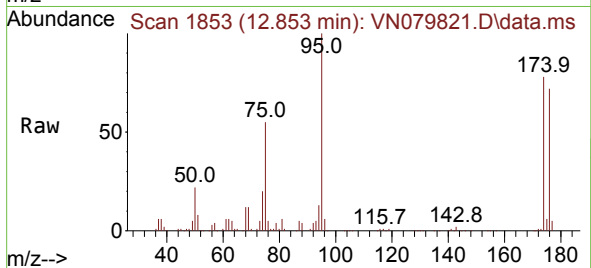
FSND-RB-2-20231031

Tgt Ion: 75 Resp: 106446

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.997 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079821.D

Acq: 03 Nov 2023 03:35

Tgt Ion: 75 Resp: 106446

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

