

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078213.D
 Acq On : 14 Jun 2023 18:09
 Operator : JC\MD
 Sample : 03231-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-02S-06132023

Quant Time: Jun 15 02:47:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

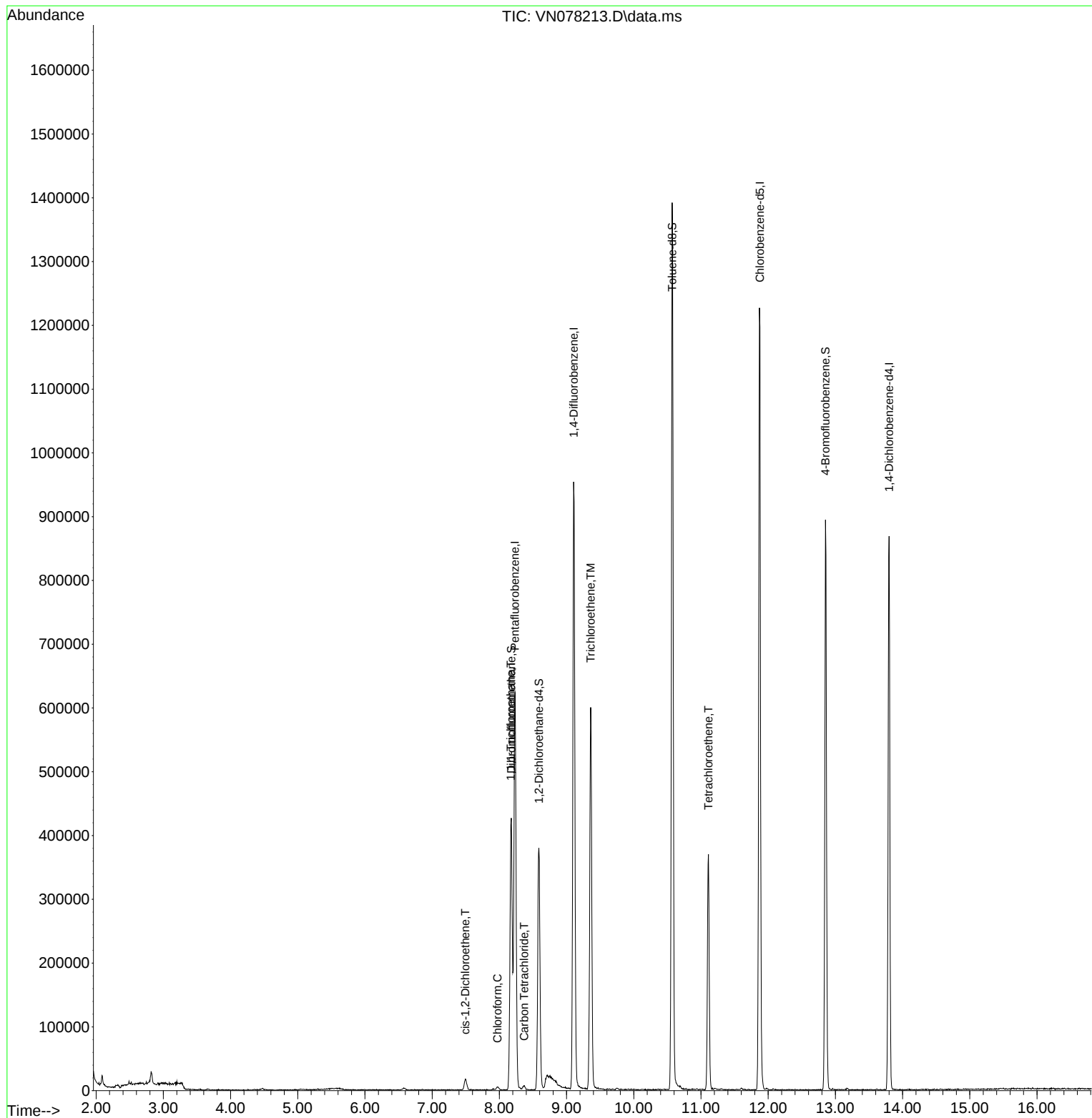
Internal Standards						
1) Pentafluorobenzene	8.230	168	453554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	855323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	739692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	322026	53.252	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.500%		
35) Dibromofluoromethane	8.177	113	289224	53.480	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.960%		
50) Toluene-d8	10.571	98	992219	47.591	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.180%		
62) 4-Bromofluorobenzene	12.853	95	315513	48.680	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.360%		
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.494	96	10886	1.708	ug/l	93
30) Chloroform	7.971	83	4542	0.450	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	24379	2.749	ug/l	94
38) Carbon Tetrachloride	8.371	117	4200	0.513	ug/l #	77
44) Trichloroethene	9.359	130	216364	35.377	ug/l	96
64) Tetrachloroethene	11.112	164	80635	16.340	ug/l	98

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

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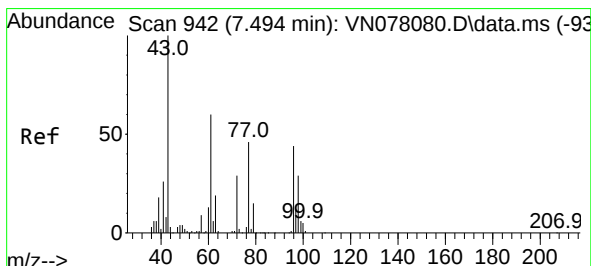
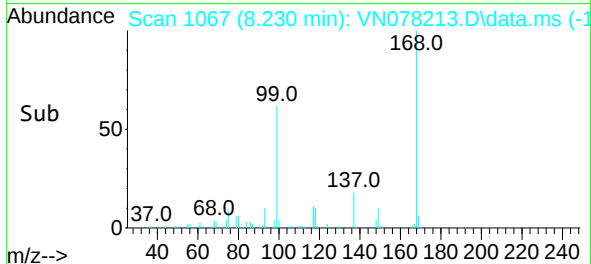
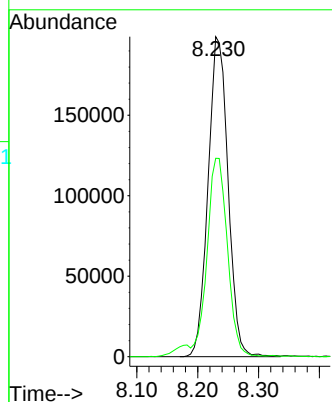
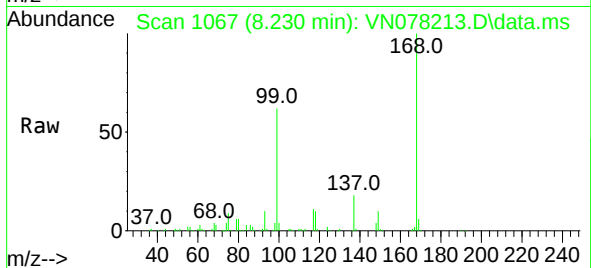




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

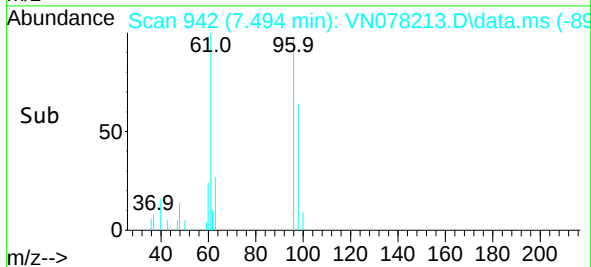
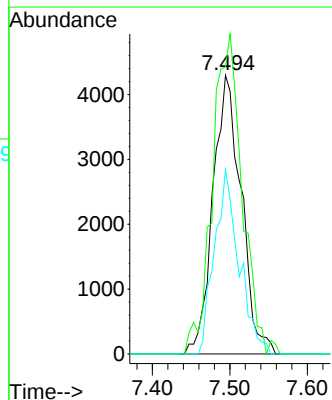
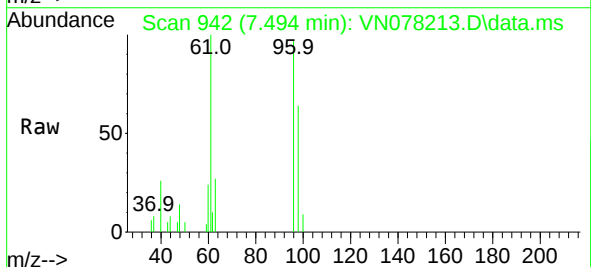
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-06132023

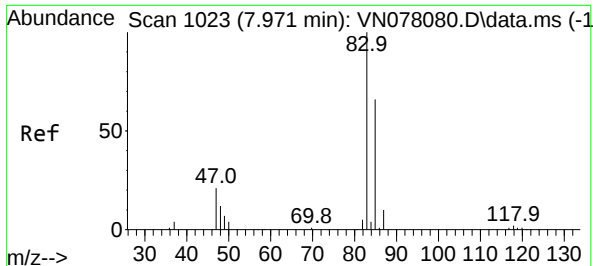
Tgt Ion:168 Resp: 453554
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 1.708 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Tgt Ion: 96 Resp: 10886
Ion Ratio Lower Upper
96 100
61 120.0 0.0 255.2
98 57.7 0.0 128.8

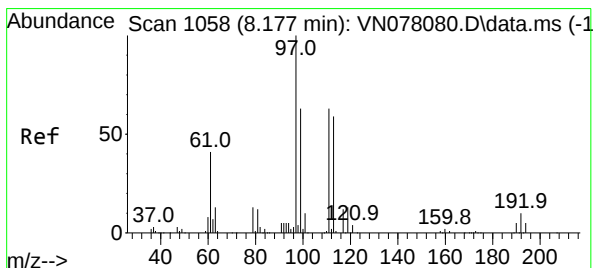
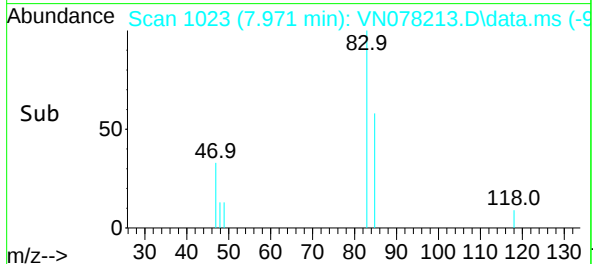
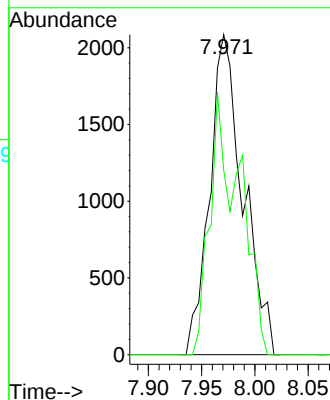
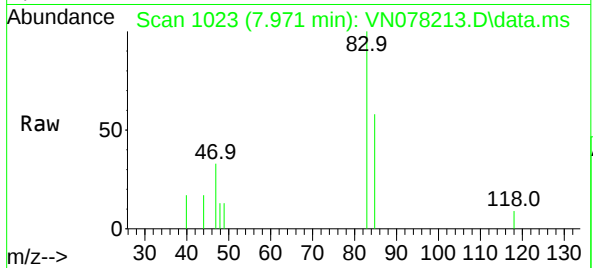




#30
Chloroform
Concen: 0.450 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

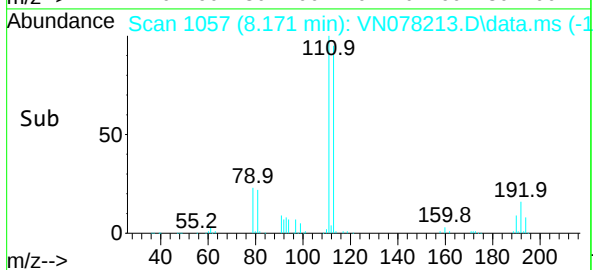
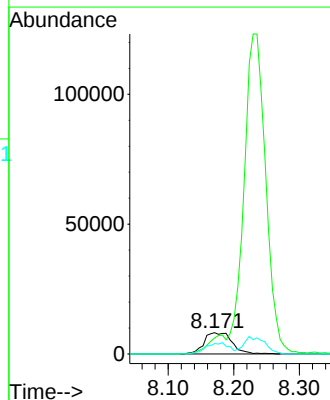
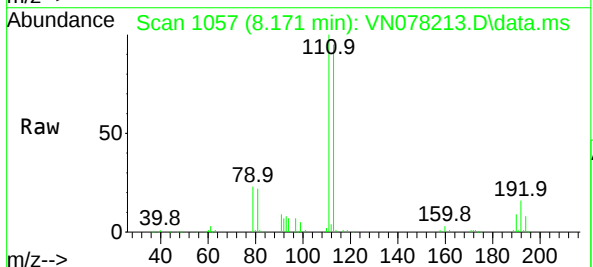
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-06132023

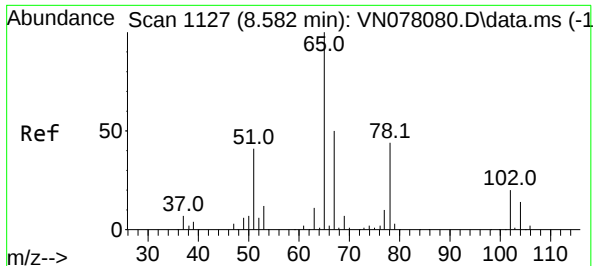
Tgt Ion: 83 Resp: 4542
Ion Ratio Lower Upper
83 100
85 57.6 55.4 83.0



#32
1,1,1-Trichloroethane
Concen: 2.749 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Tgt Ion: 97 Resp: 24379
Ion Ratio Lower Upper
97 100
99 56.2 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.252 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078213.D

Acq: 14 Jun 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

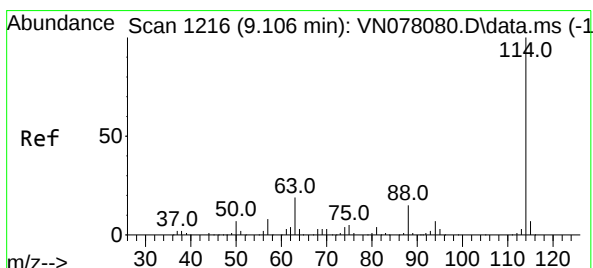
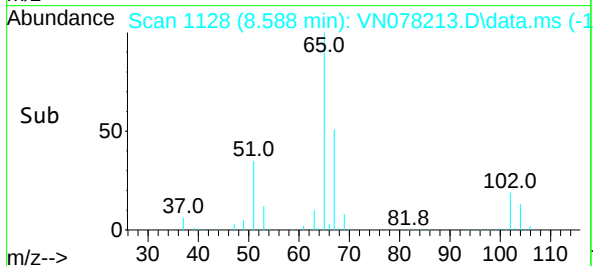
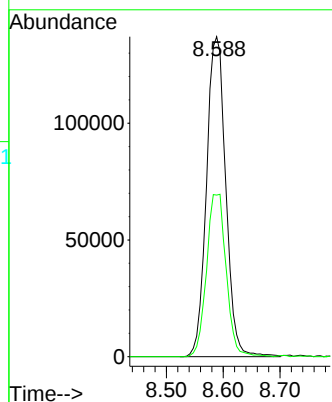
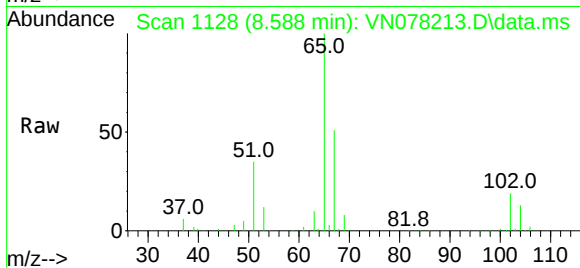
FSND-MW-EVAL-02S-06132023

Tgt Ion: 65 Resp: 322026

Ion Ratio Lower Upper

65 100

67 51.8 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: VN078213.D

Acq: 14 Jun 2023 18:09

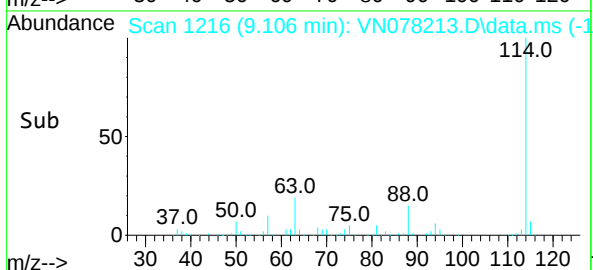
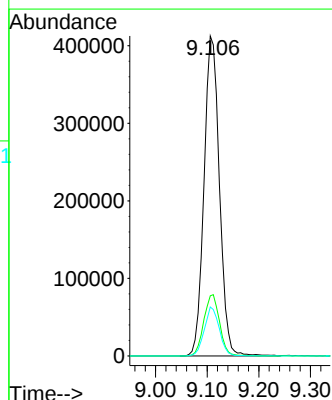
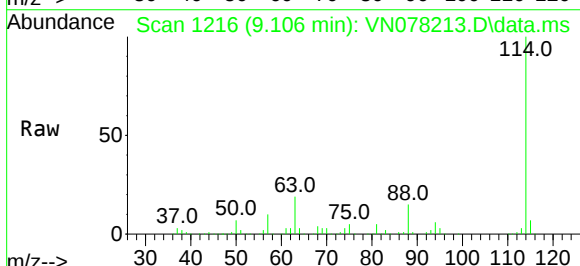
Tgt Ion: 114 Resp: 855323

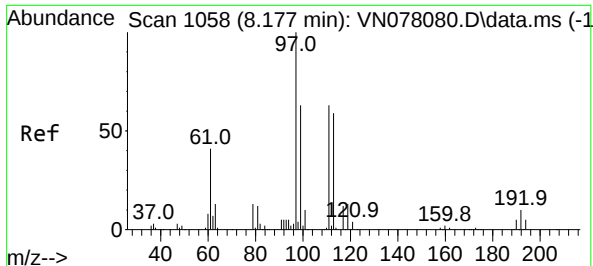
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.3 0.0 30.6

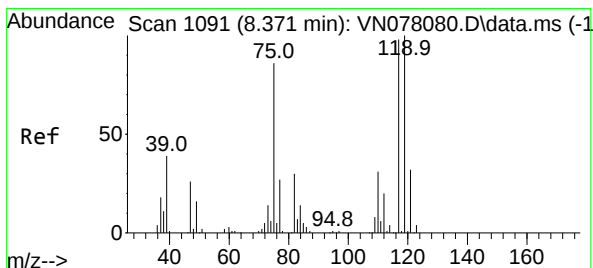
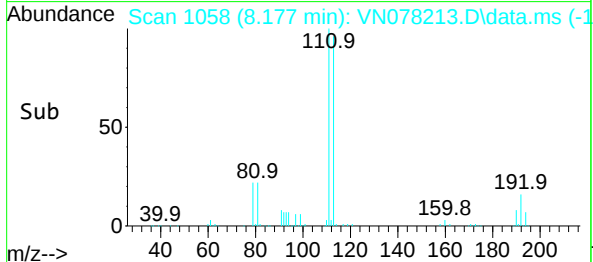
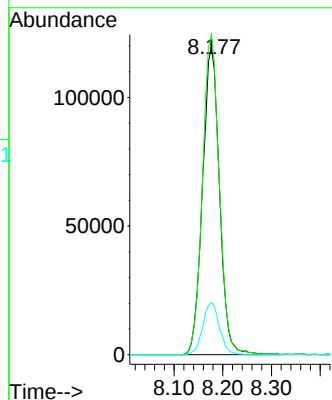
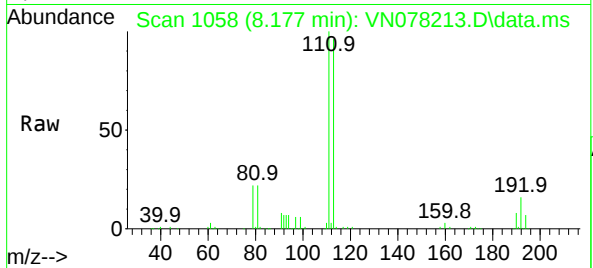




#35
Dibromofluoromethane
Concen: 53.480 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

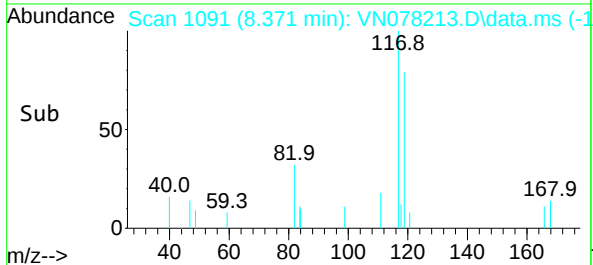
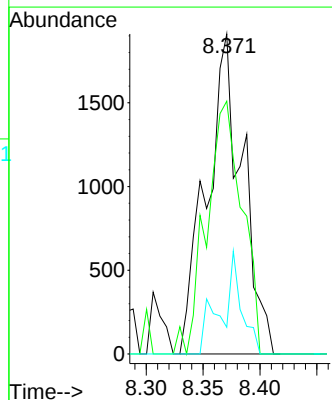
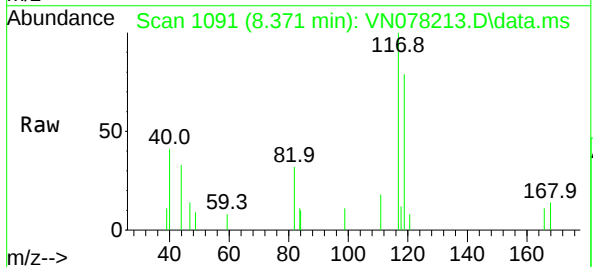
Instrument : MSVOA_N
ClientSampleId : FSND-MW-EVAL-02S-06132023

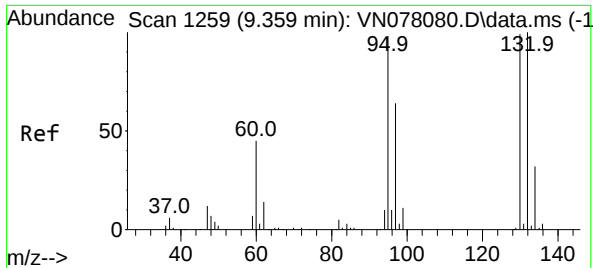
Tgt Ion:113 Resp: 289224
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.8 12.7 19.1



#38
Carbon Tetrachloride
Concen: 0.513 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Tgt Ion:117 Resp: 4200
Ion Ratio Lower Upper
117 100
119 79.0 77.3 115.9
121 8.4 23.3 34.9#

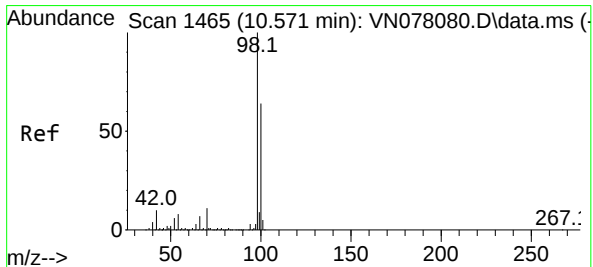
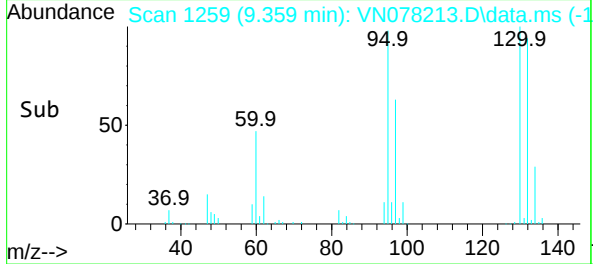
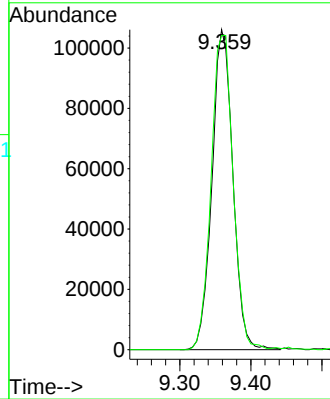
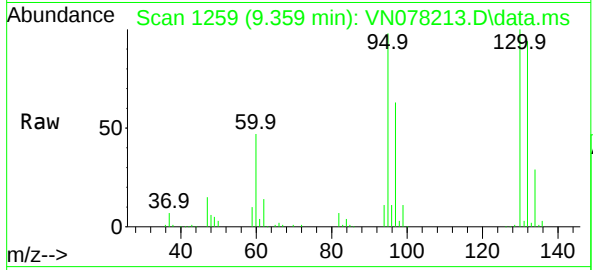




#44
Trichloroethene
Concen: 35.377 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

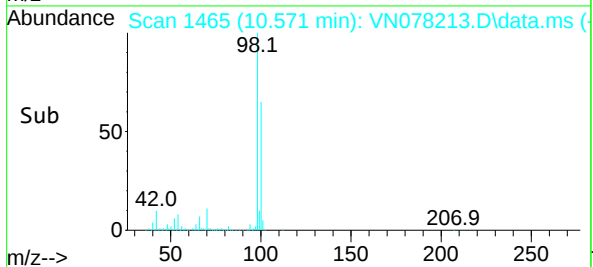
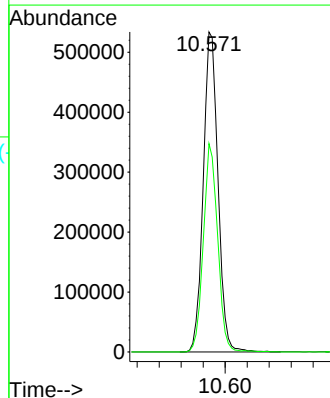
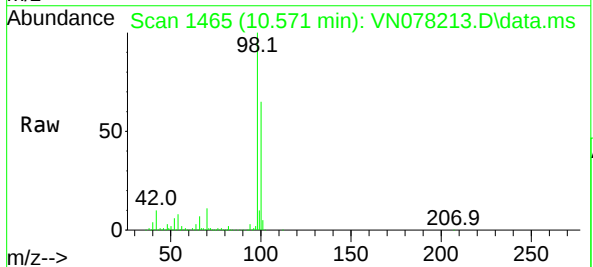
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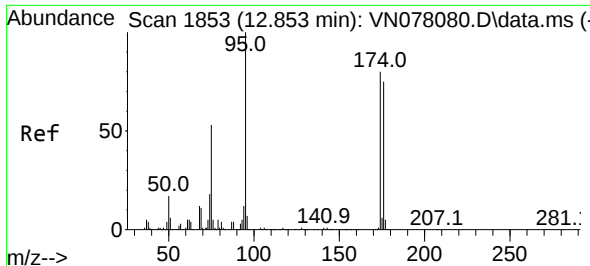
Tgt Ion:130 Resp: 216364
Ion Ratio Lower Upper
130 100
95 98.2 0.0 204.6



#50
Toluene-d8
Concen: 47.591 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Tgt Ion: 98 Resp: 992219
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

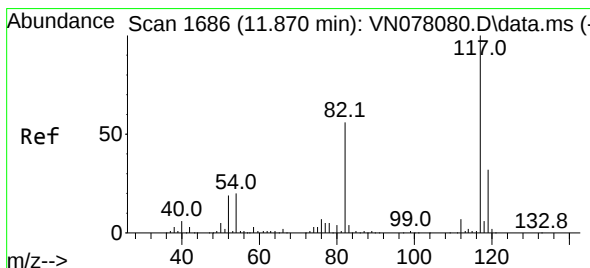
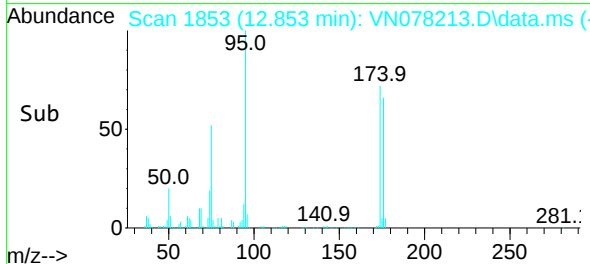
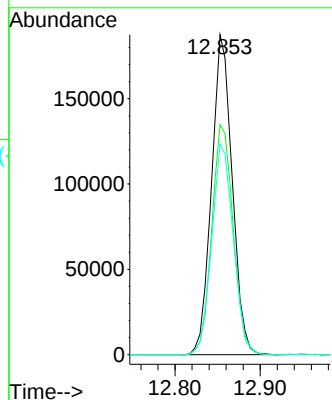
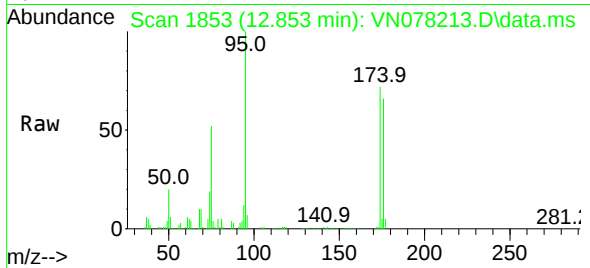




#62
4-Bromofluorobenzene
Concen: 48.680 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

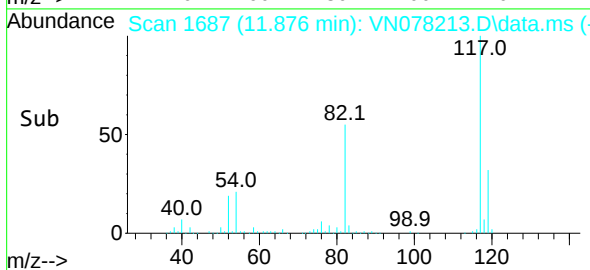
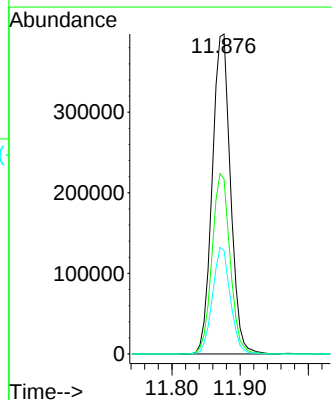
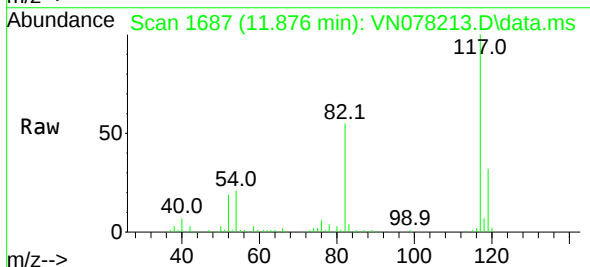
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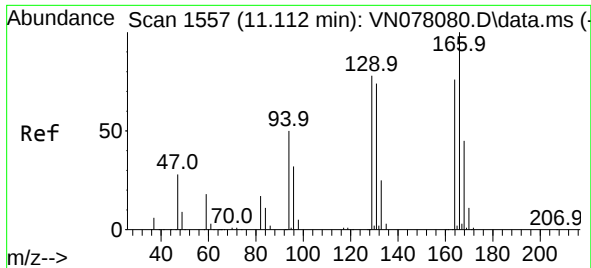
Tgt Ion: 95 Resp: 315513
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 69.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Tgt Ion: 117 Resp: 739692
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.4 25.6 38.4

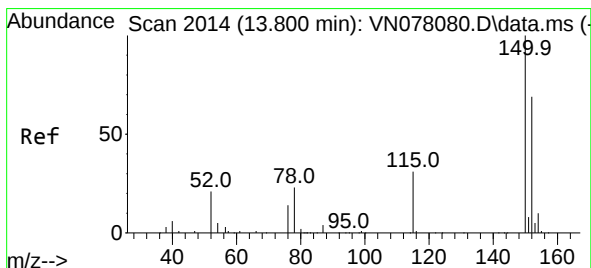
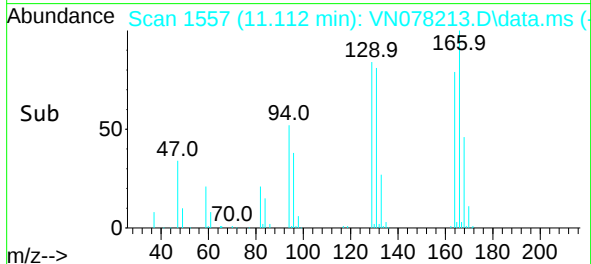
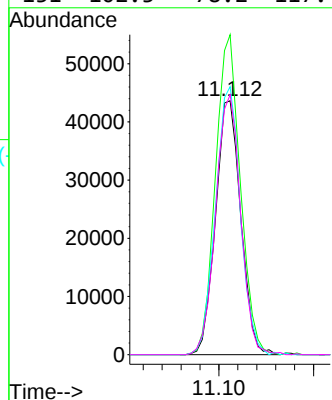
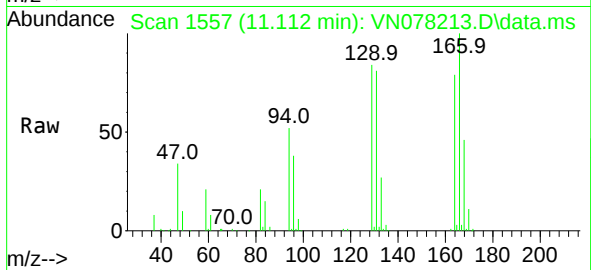




#64
Tetrachloroethene
Concen: 16.340 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-02S-06132023

Tgt Ion:164	Resp:	80635
Ion	Ratio	Lower Upper
164	100	
166	126.0	101.4 152.0
129	105.5	82.4 123.6
131	102.3	78.2 117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078213.D
Acq: 14 Jun 2023 18:09

Tgt Ion:152	Resp:	238102
Ion	Ratio	Lower Upper
152	100	
115	61.6	32.3 96.8
150	155.5	0.0 355.8

