

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079819.D
 Acq On : 03 Nov 2023 02:47
 Operator : JC\MD
 Sample : 05222-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-29-20231101

Quant Time: Nov 03 05:34:47 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)

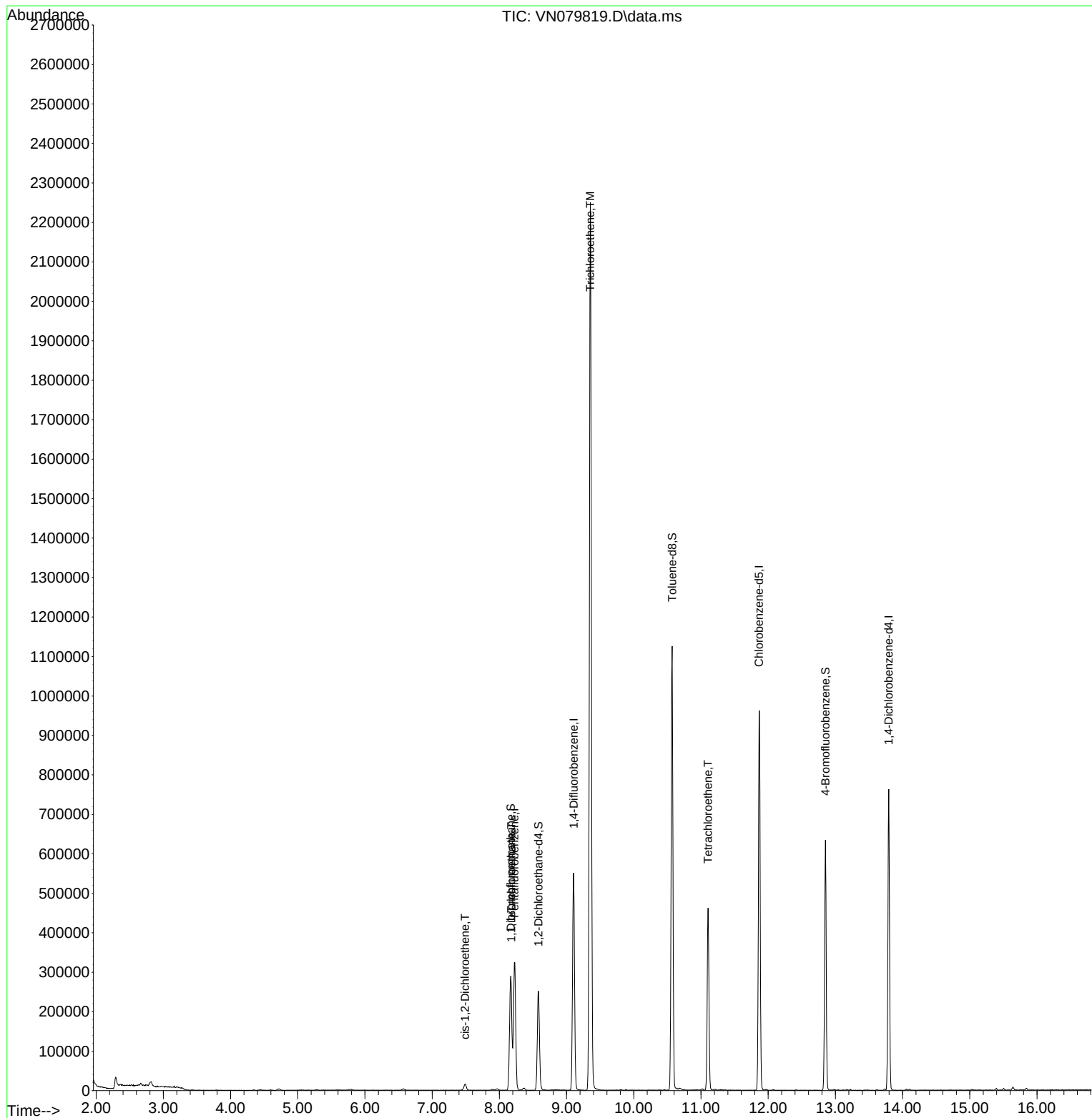
Internal Standards						
1) Pentafluorobenzene	8.224	168	231886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	460957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	559364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	202934	57.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.880%			
35) Dibromofluoromethane	8.171	113	171233	52.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	10.571	98	766962	63.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 127.720%#			
62) 4-Bromofluorobenzene	12.853	95	203919	51.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.380%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.488	96	8919	2.678	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	40911	8.584	ug/l	93
44) Trichloroethene	9.353	130	786662	227.218	ug/l	96
64) Tetrachloroethene	11.106	164	100252	27.673	ug/l	94

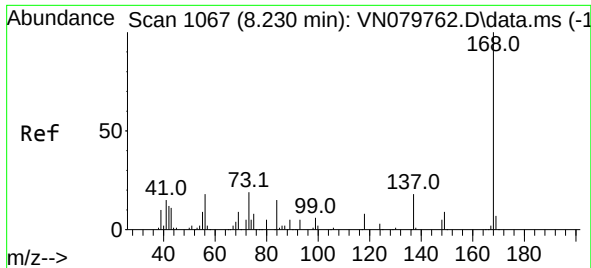
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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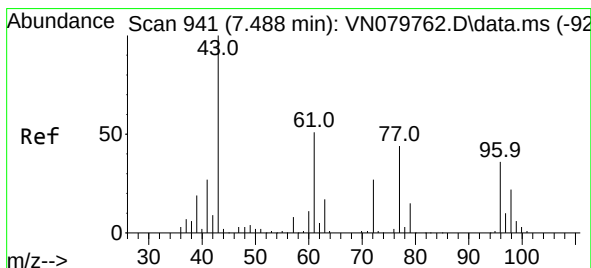
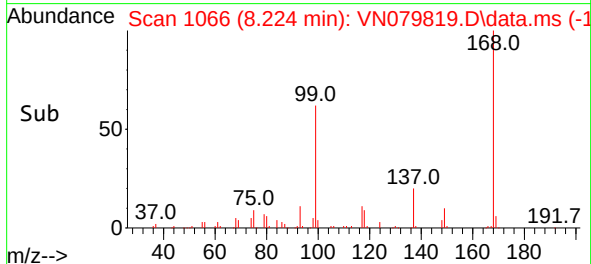
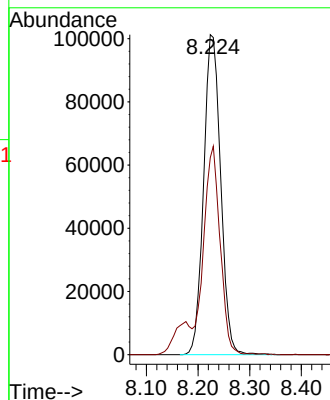
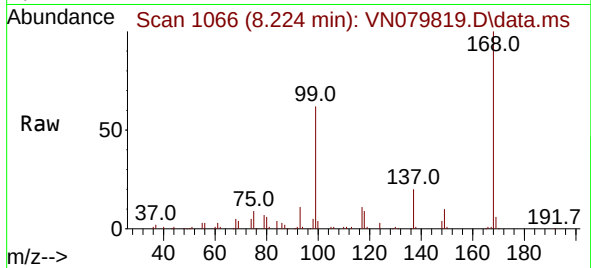




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN079819.D
Acq: 03 Nov 2023 02:47

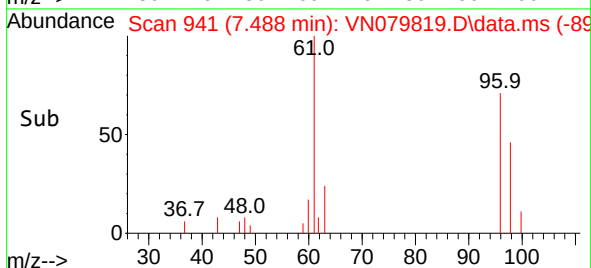
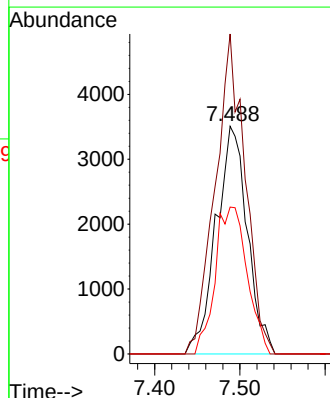
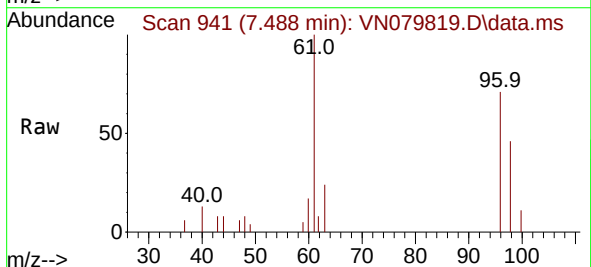
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-29-20231101

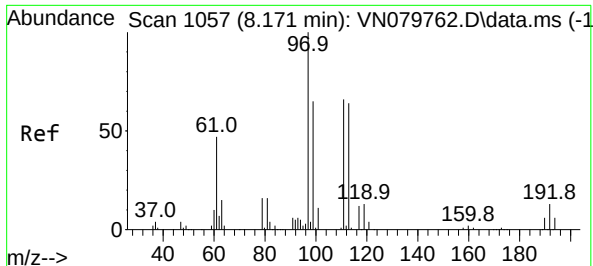
Tgt Ion:168 Resp: 231886
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 2.678 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079819.D
Acq: 03 Nov 2023 02:47

Tgt Ion: 96 Resp: 8919
Ion Ratio Lower Upper
96 100
61 135.0 0.0 255.2
98 66.1 0.0 128.8





#32

1,1,1-Trichloroethane

Concen: 8.584 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-29-20231101

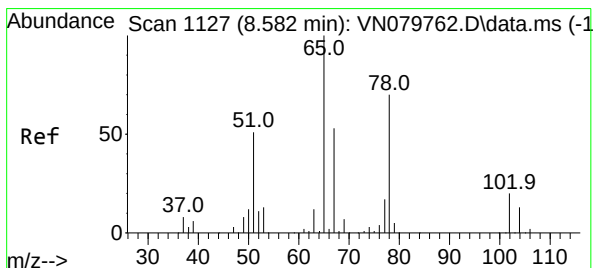
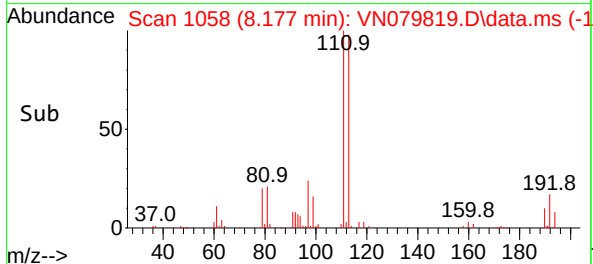
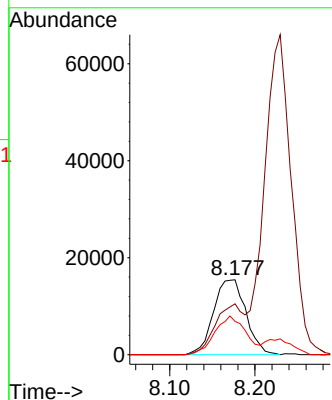
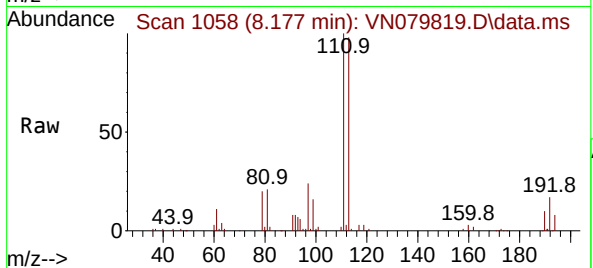
Tgt Ion: 97 Resp: 40911

Ion Ratio Lower Upper

97 100

99 59.5 50.3 75.5

61 49.7 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 57.442 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079819.D

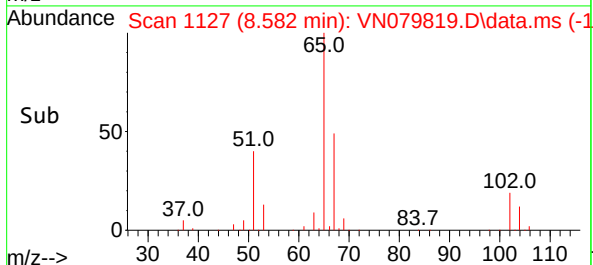
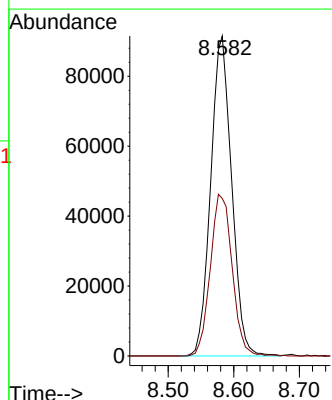
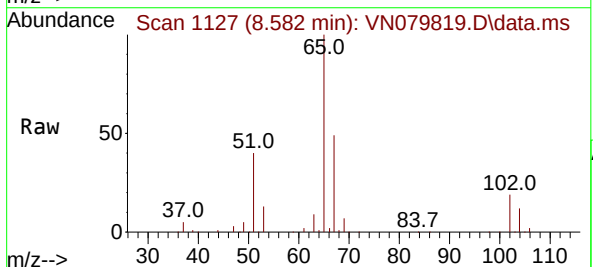
Acq: 03 Nov 2023 02:47

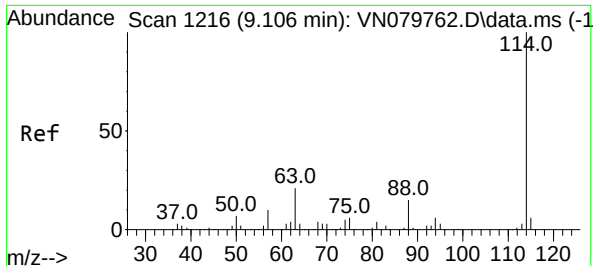
Tgt Ion: 65 Resp: 202934

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-29-20231101

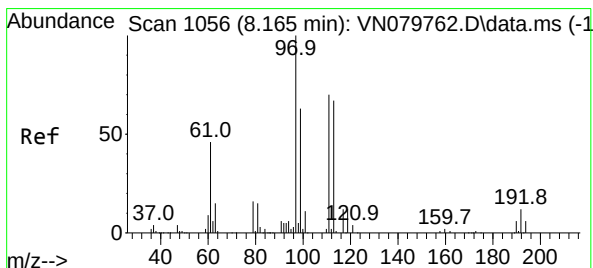
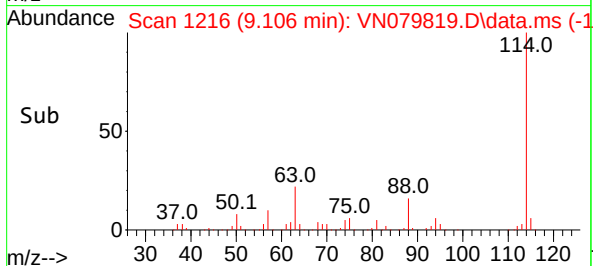
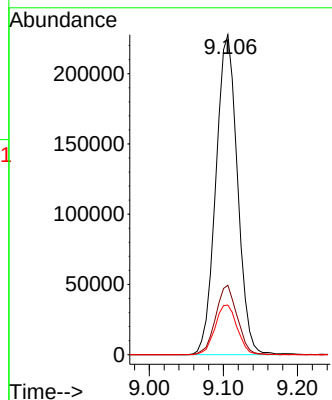
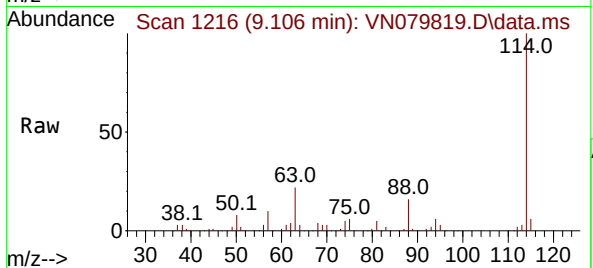
Tgt Ion:114 Resp: 460957

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.486 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

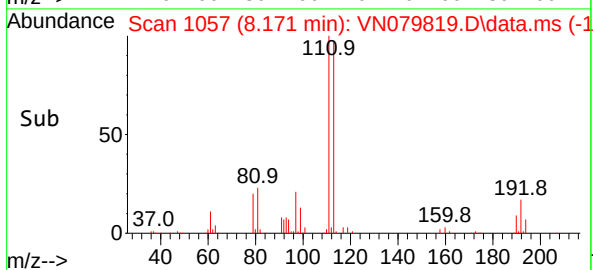
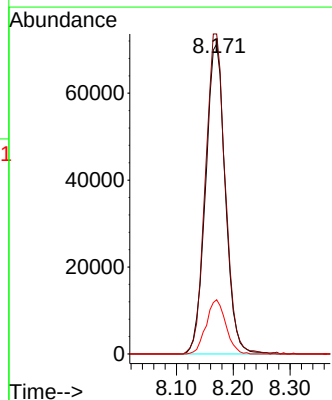
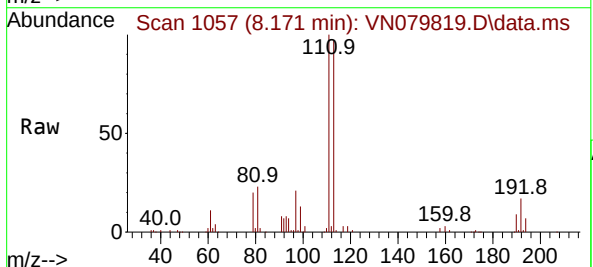
Tgt Ion:113 Resp: 171233

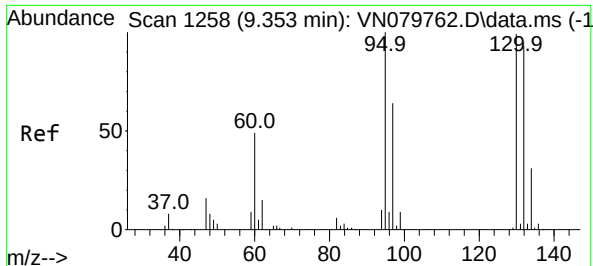
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.4 12.7 19.1

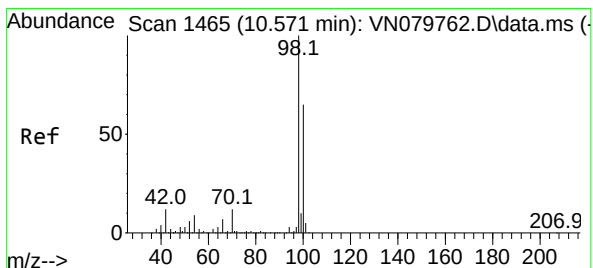
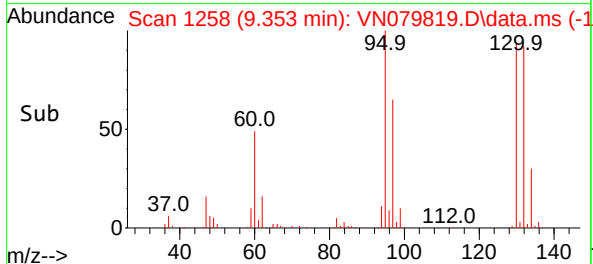
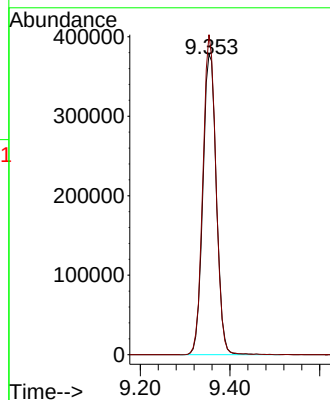
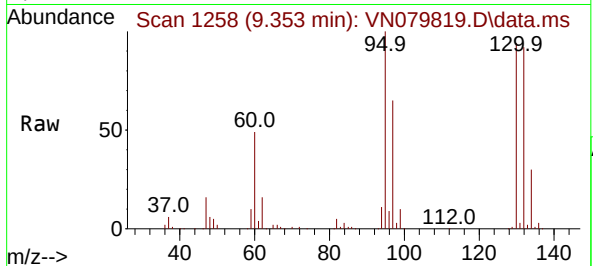




#44
Trichloroethene
Concen: 227.218 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079819.D
Acq: 03 Nov 2023 02:47

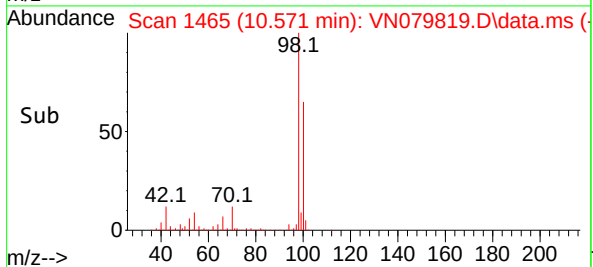
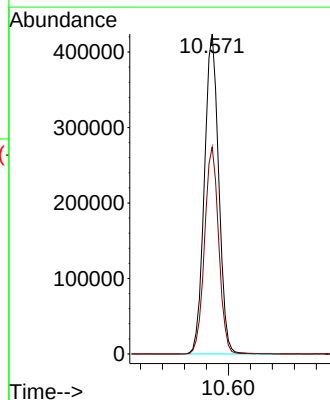
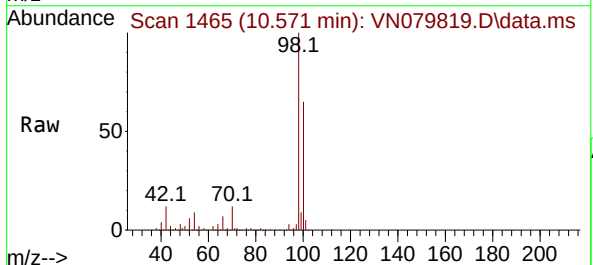
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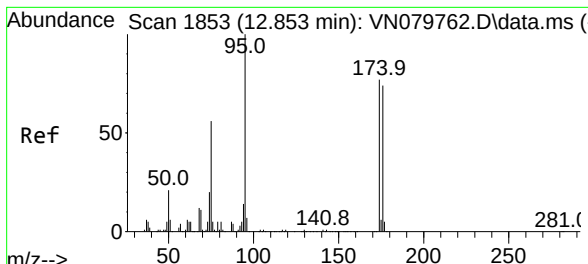
Tgt Ion:130 Resp: 786662
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.6



#50
Toluene-d8
Concen: 63.859 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079819.D
Acq: 03 Nov 2023 02:47

Tgt Ion: 98 Resp: 766962
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

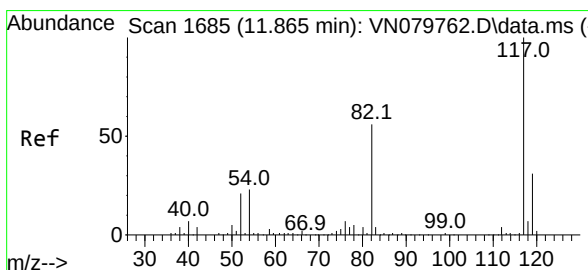
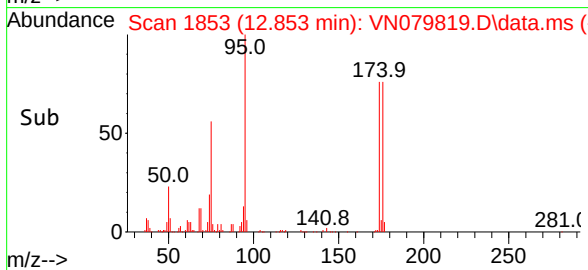
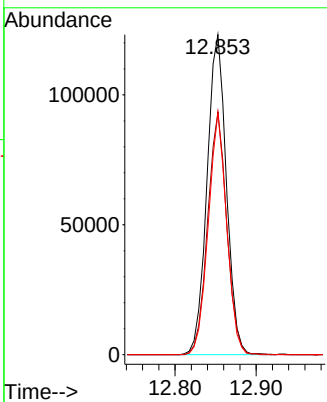
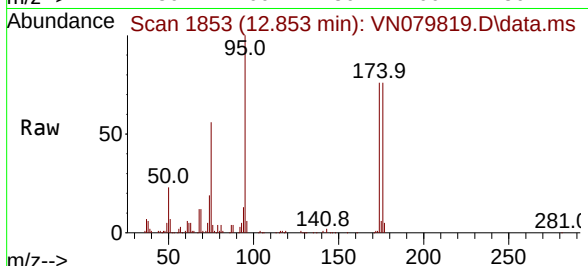




#62
4-Bromofluorobenzene
Concen: 51.194 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079819.D
Acq: 03 Nov 2023 02:47

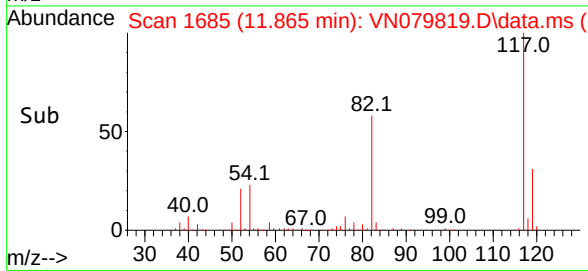
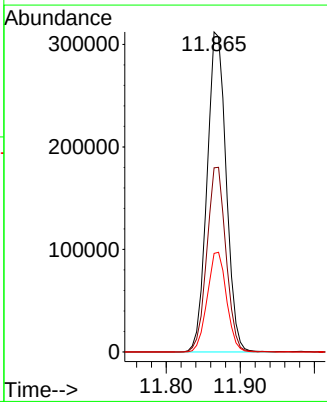
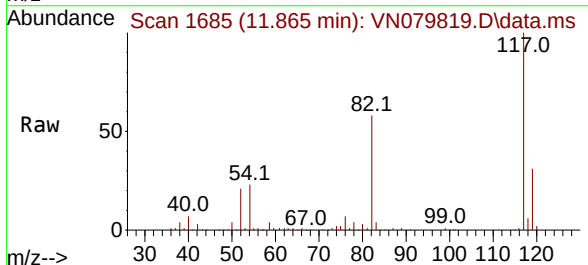
Instrument : MSVOA_N
ClientSampleId : FSND-MW-29-20231101

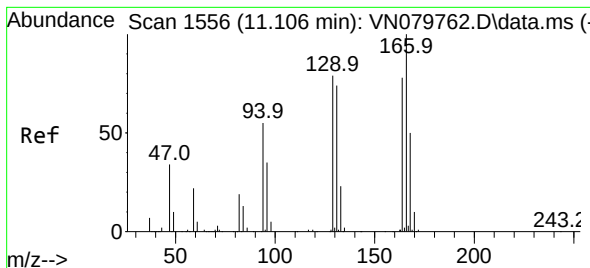
Tgt Ion:	95	Resp:	203919
Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	143.8
176	71.8	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN079819.D
Acq: 03 Nov 2023 02:47

Tgt Ion:	117	Resp:	559364
Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.0	66.0
119	30.8	25.6	38.4





#64

Tetrachloroethene

Concen: 27.673 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079819.D

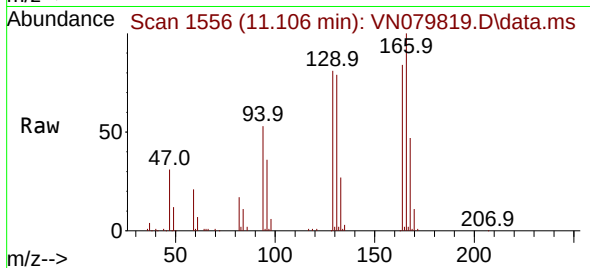
Acq: 03 Nov 2023 02:47

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-29-20231101



Tgt Ion:164 Resp: 100252

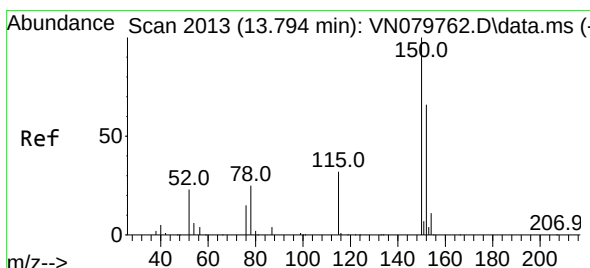
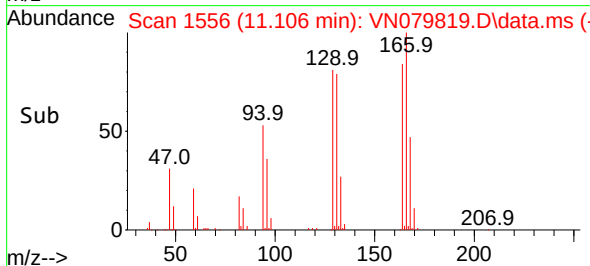
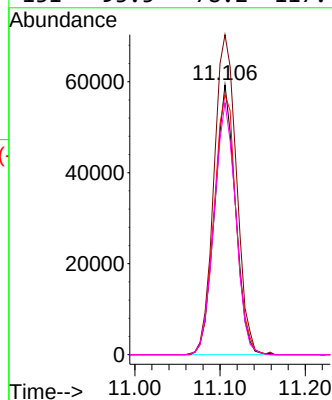
Ion Ratio Lower Upper

164 100

166 118.6 101.4 152.0

129 96.4 82.4 123.6

131 93.5 78.2 117.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079819.D

Acq: 03 Nov 2023 02:47

Tgt Ion:152 Resp: 188900

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 157.2 0.0 355.8

