

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079884.D
 Acq On : 04 Nov 2023 07:54
 Operator : JC\MD
 Sample : 05223-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

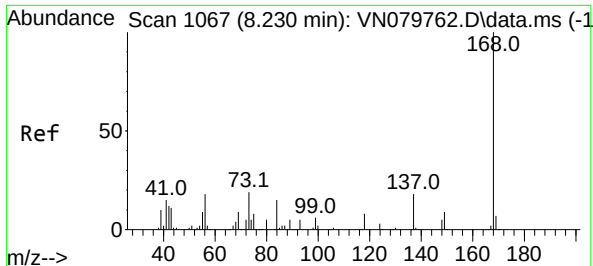
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-18-20231030

Quant Time: Nov 06 00:29:06 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	8.229	168	237886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	498474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204894	56.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	8.171	113	173759	51.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.570	98	599157	48.098	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.200%			
62) 4-Bromofluorobenzene	12.853	95	197748	47.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.740%			
Target Compounds						
32) 1,1,1-Trichloroethane	8.171	97	12312	2.518	ug/l #	86
44) Trichloroethene	9.353	130	321282	89.472	ug/l	99
64) Tetrachloroethene	11.106	164	4667	1.446	ug/l #	79

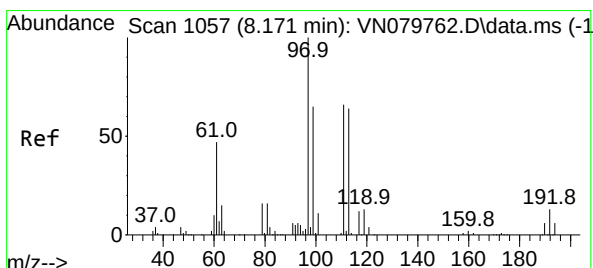
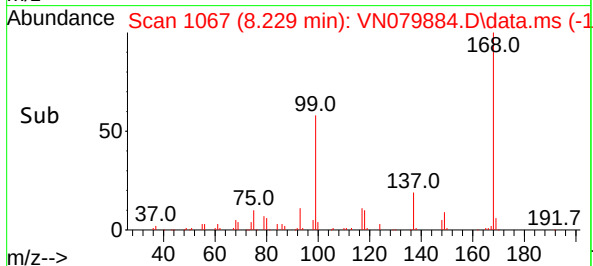
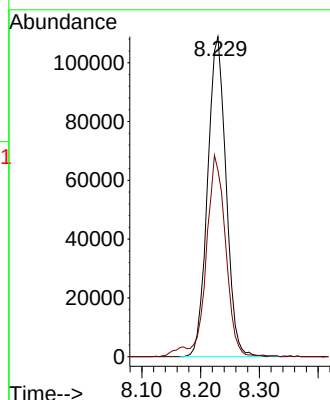
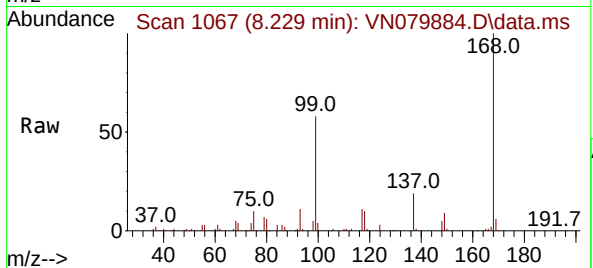
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079884.D
Acq: 04 Nov 2023 07:54

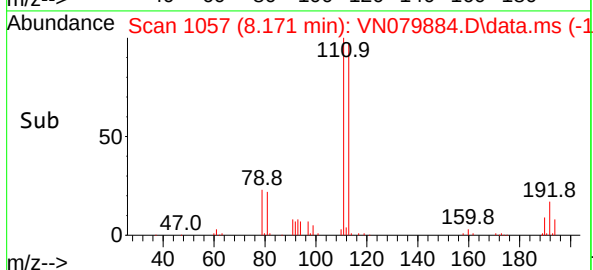
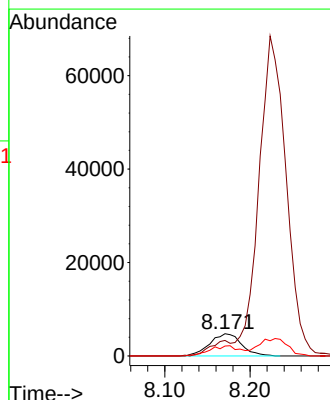
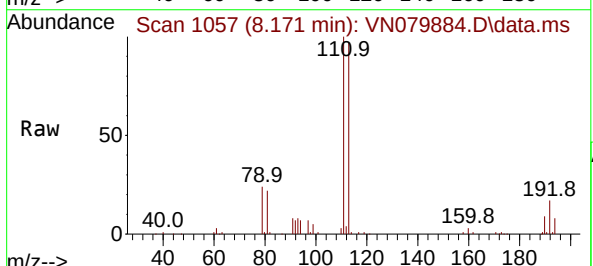
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-18-20231030

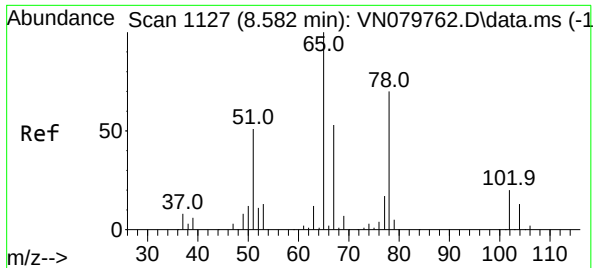
Tgt Ion:168 Resp: 237886
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#32
1,1,1-Trichloroethane
Concen: 2.518 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079884.D
Acq: 04 Nov 2023 07:54

Tgt Ion: 97 Resp: 12312
Ion Ratio Lower Upper
97 100
99 45.2 50.3 75.5#
61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.534 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079884.D

Acq: 04 Nov 2023 07:54

Instrument :

MSVOA_N

ClientSampleId :

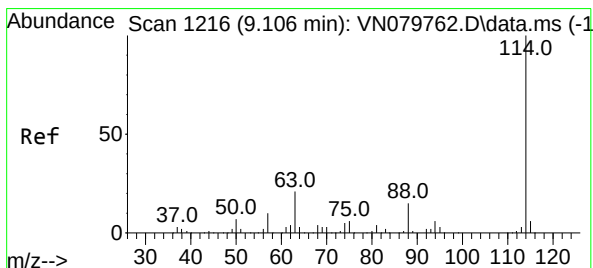
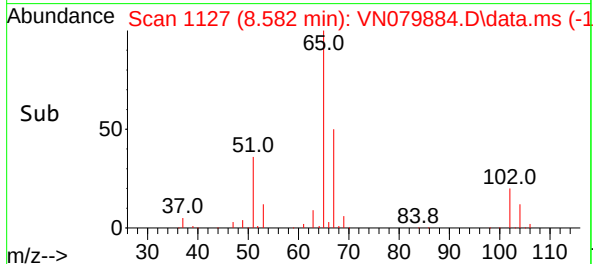
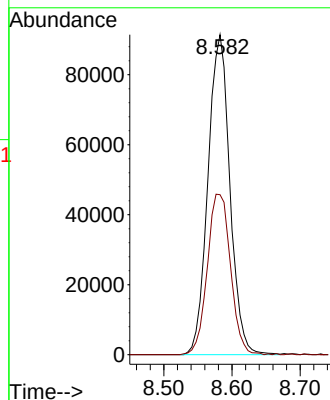
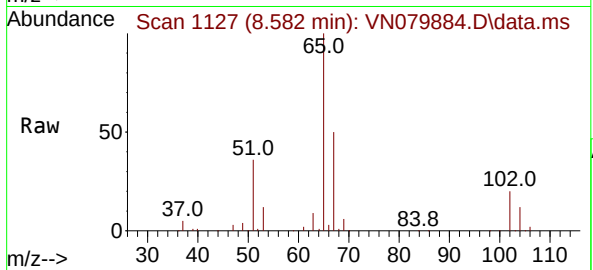
FSND-MW-18-20231030

Tgt Ion: 65 Resp: 204894

Ion Ratio Lower Upper

65 100

67 53.0 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: VN079884.D

Acq: 04 Nov 2023 07:54

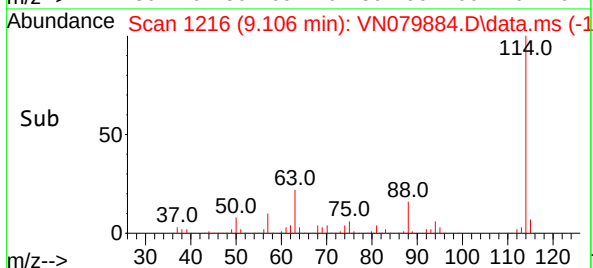
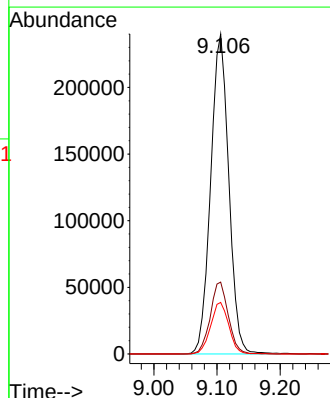
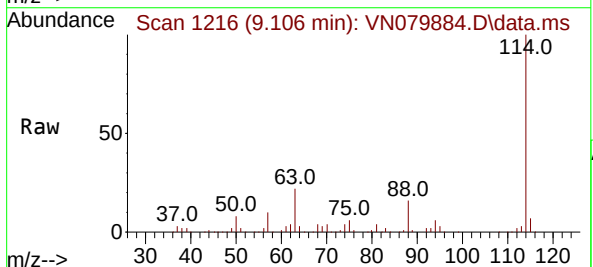
Tgt Ion: 114 Resp: 478098

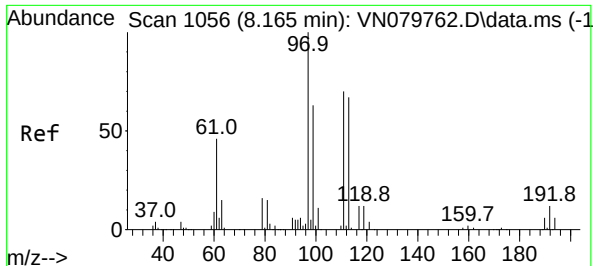
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079884.D

Acq: 04 Nov 2023 07:54

Instrument :

MSVOA_N

ClientSampleId :

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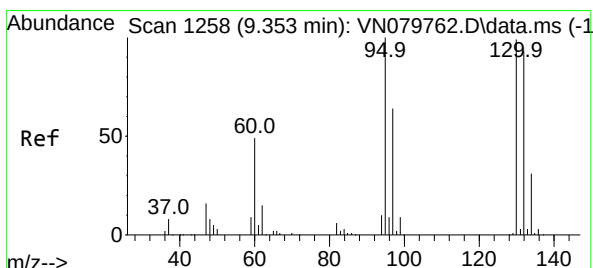
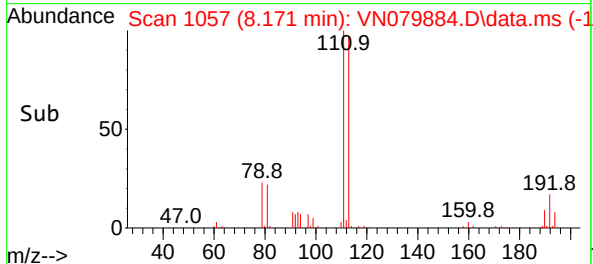
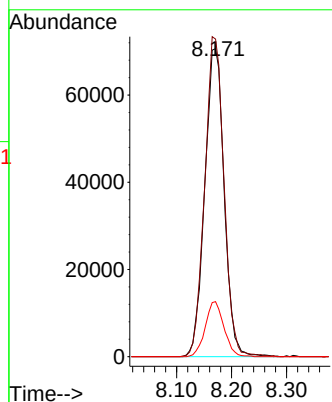
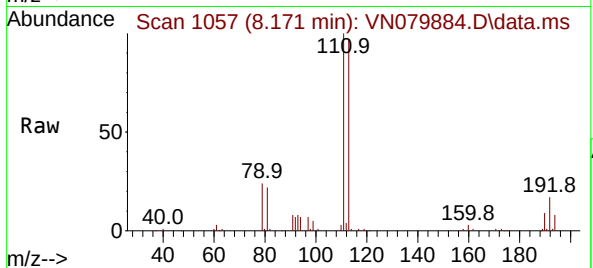
Tgt Ion:113 Resp: 173759

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.2 12.7 19.1



#44

Trichloroethene

Concen: 89.472 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN079884.D

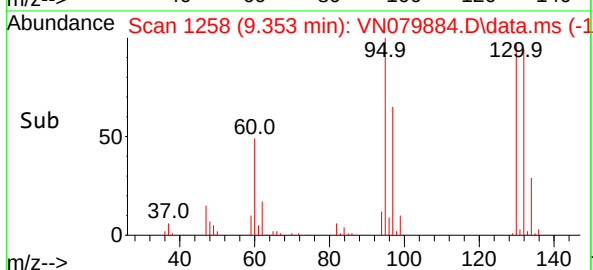
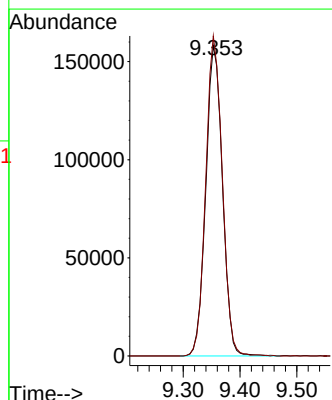
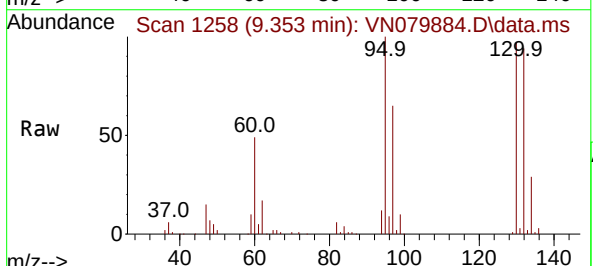
Acq: 04 Nov 2023 07:54

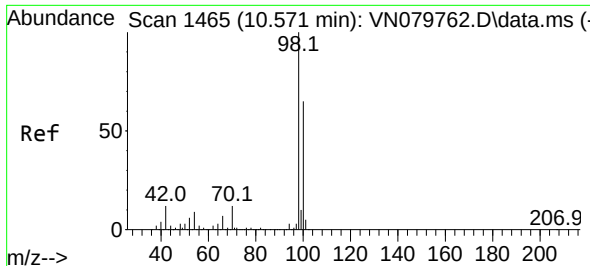
Tgt Ion:130 Resp: 321282

Ion Ratio Lower Upper

130 100

95 103.1 0.0 204.6

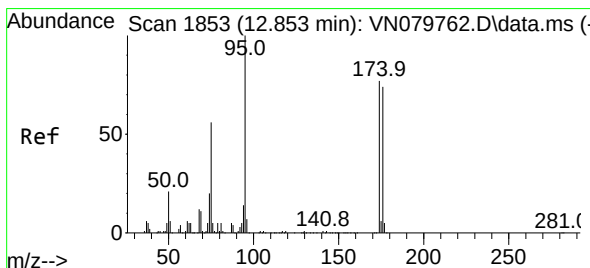
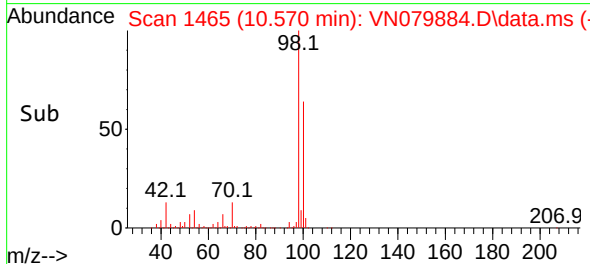
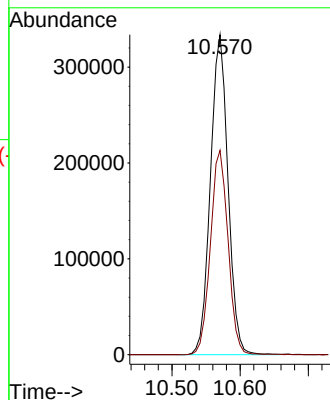
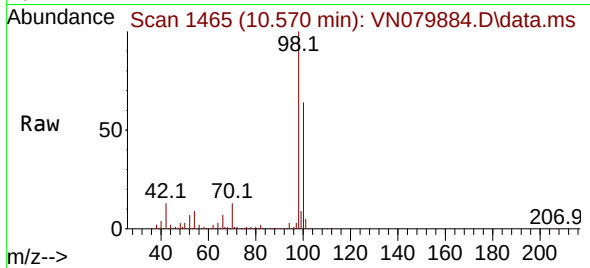




#50
Toluene-d8
Concen: 48.098 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079884.D
Acq: 04 Nov 2023 07:54

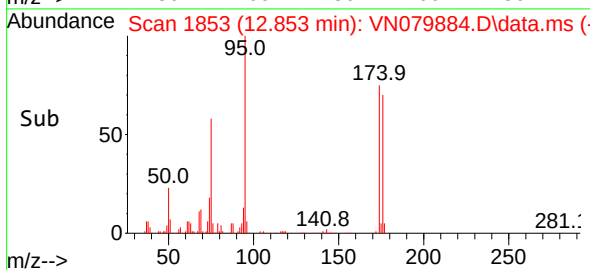
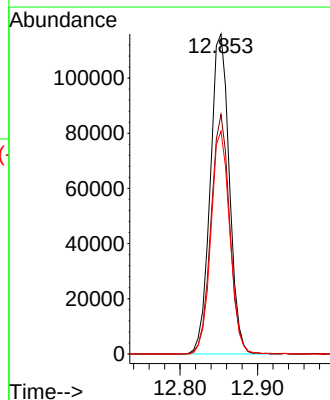
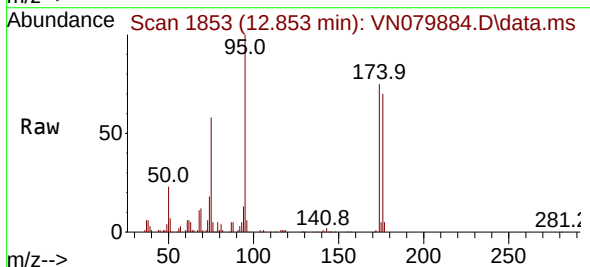
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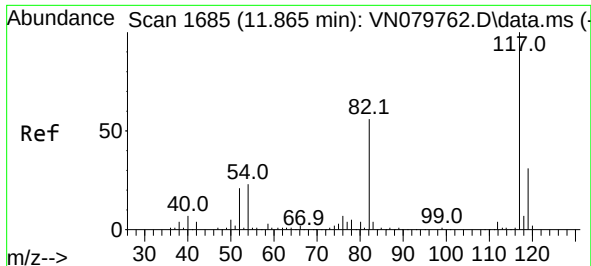
Tgt Ion: 98 Resp: 599157
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.865 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079884.D
Acq: 04 Nov 2023 07:54

Tgt Ion: 95 Resp: 197748
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 69.2 0.0 135.8

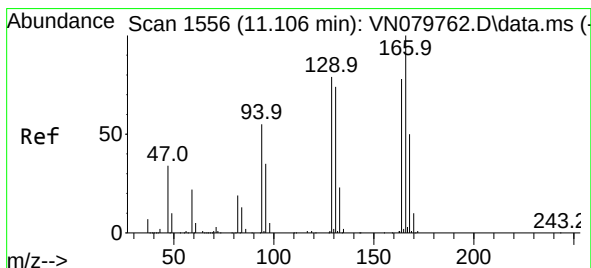
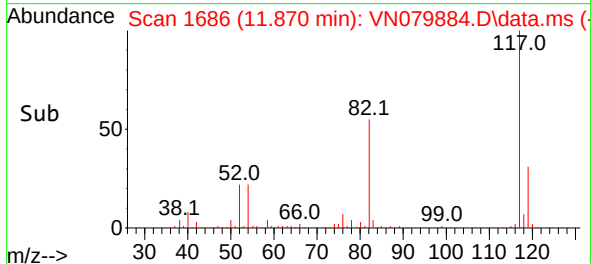
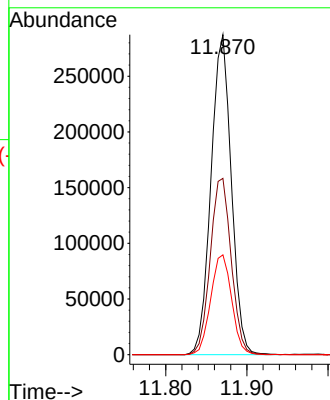
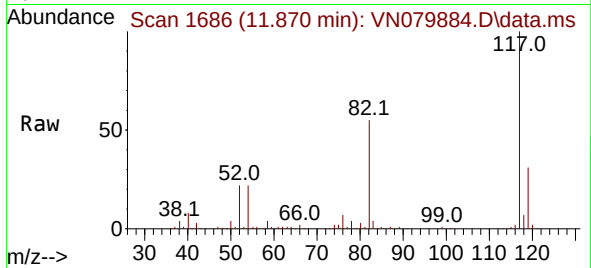




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079884.D
Acq: 04 Nov 2023 07:54

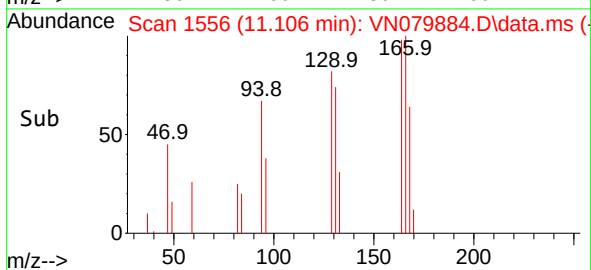
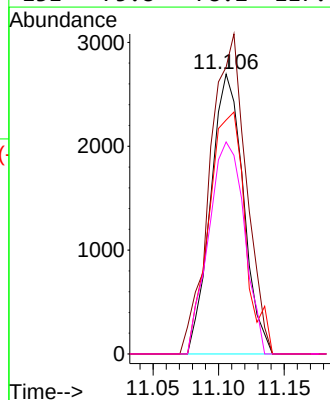
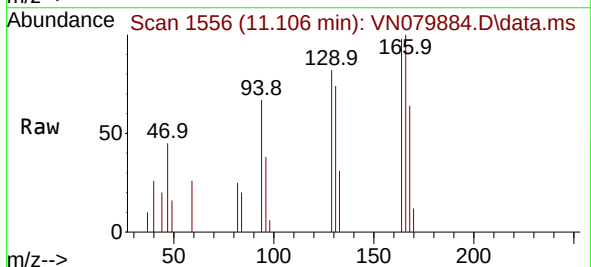
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FSND-MW-18-20231030

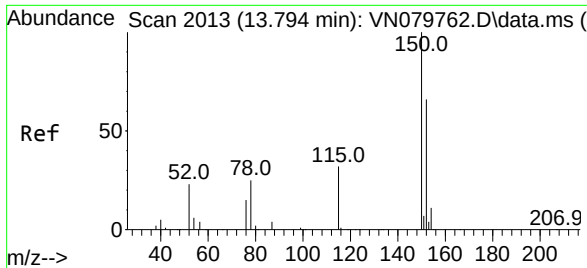
Tgt Ion:117 Resp: 498474
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 1.446 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079884.D
Acq: 04 Nov 2023 07:54

Tgt Ion:164 Resp: 4667
Ion Ratio Lower Upper
164 100
166 102.5 101.4 152.0
129 83.6 82.4 123.6
131 75.8 78.2 117.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN079884.D

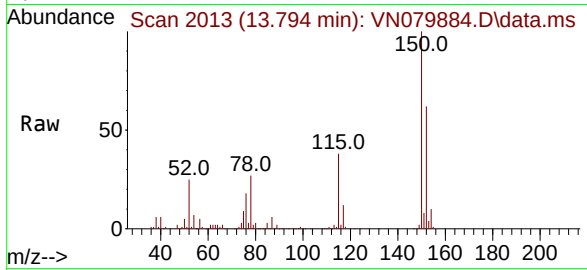
Acq: 04 Nov 2023 07:54

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 194927

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 159.1 0.0 355.8

