

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079881.D
 Acq On : 04 Nov 2023 06:43
 Operator : JC\MD
 Sample : 05223-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-12R-20231031

Quant Time: Nov 06 00:28:00 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)

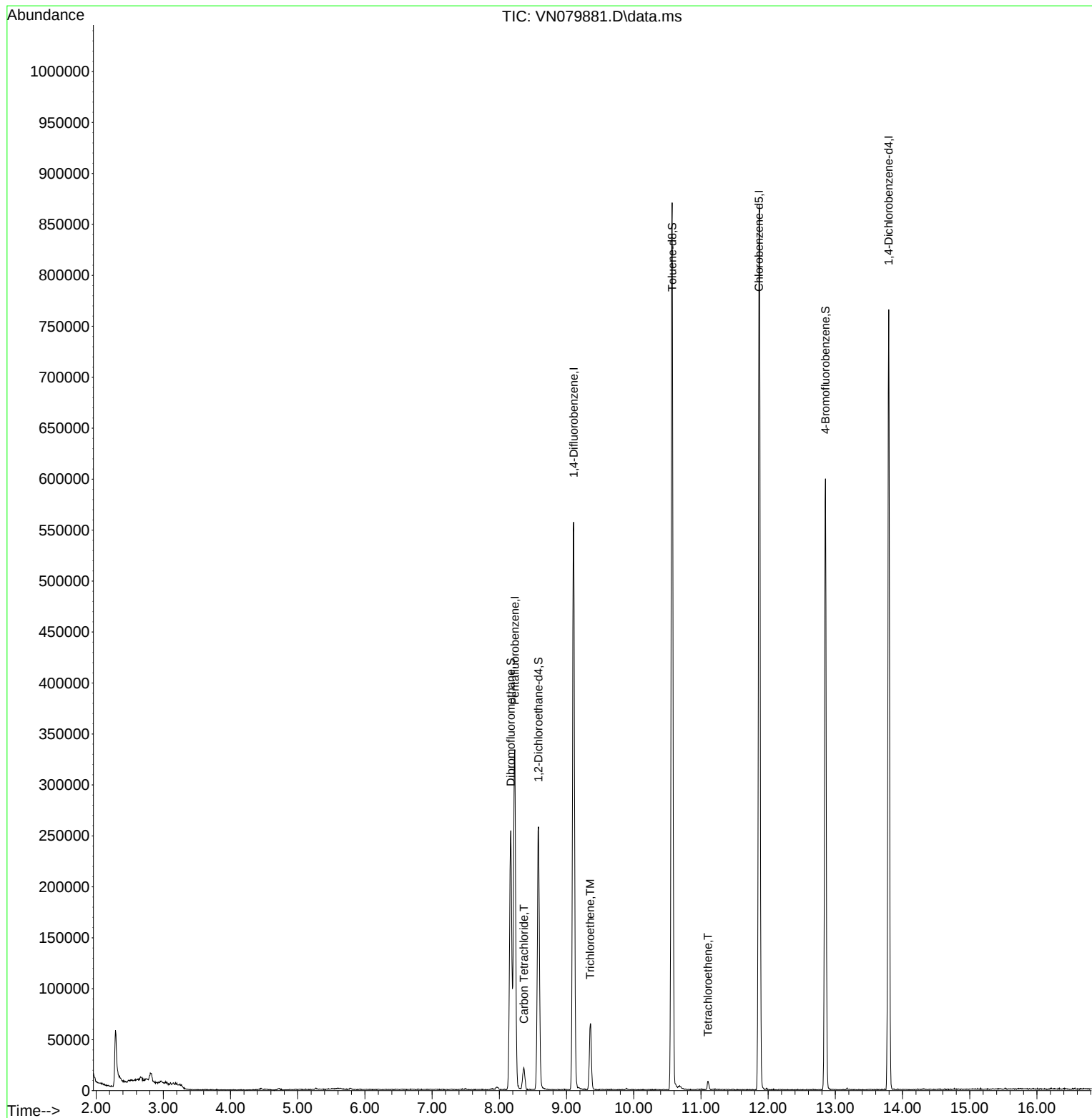
Internal Standards						
1) Pentafluorobenzene	8.230	168	234194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	493765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210209	58.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.820%			
35) Dibromofluoromethane	8.171	113	171860	51.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.340%			
50) Toluene-d8	10.571	98	595714	48.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.853	95	199400	49.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.200%			
Target Compounds						Qvalue
38) Carbon Tetrachloride	8.365	117	15649	3.269	ug/l	99
44) Trichloroethene	9.353	130	23052	6.531	ug/l	93
64) Tetrachloroethene	11.106	164	2092	0.654	ug/l #	79

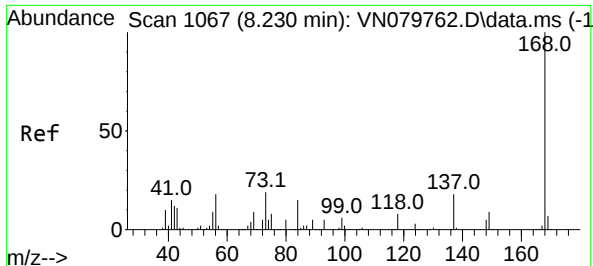
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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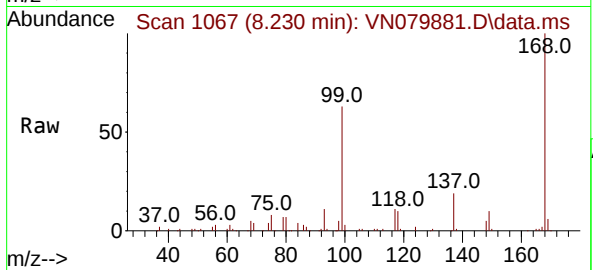
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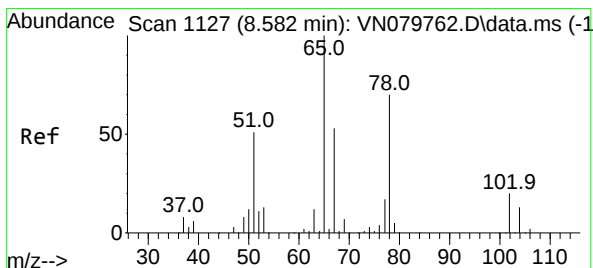
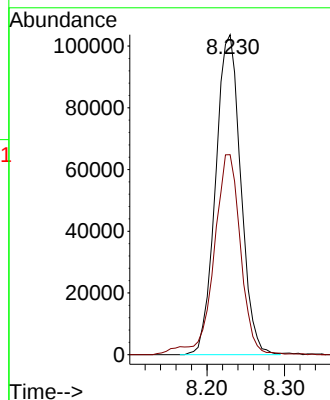
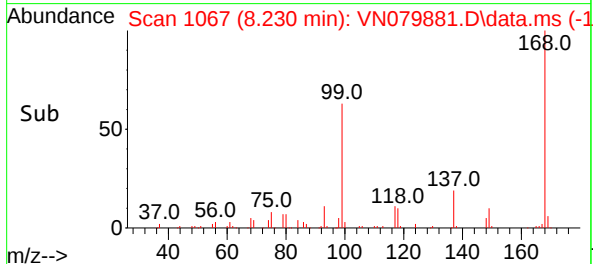


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

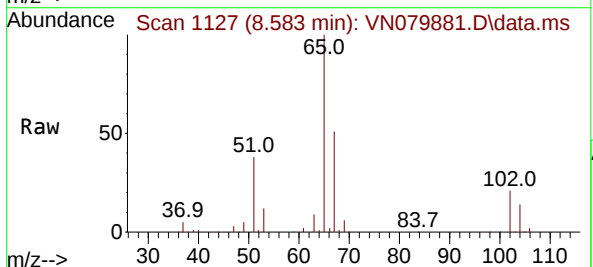
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20231031



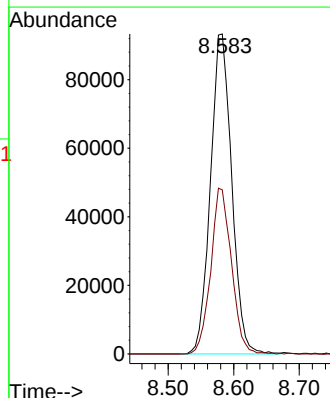
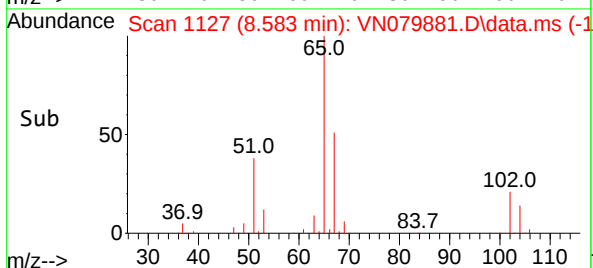
Tgt Ion:168 Resp: 234194
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6

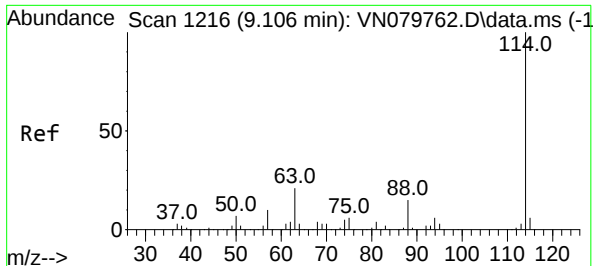


#33
1,2-Dichloroethane-d4
Concen: 58.915 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43



Tgt Ion: 65 Resp: 210209
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079881.D

Acq: 04 Nov 2023 06:43

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-12R-20231031

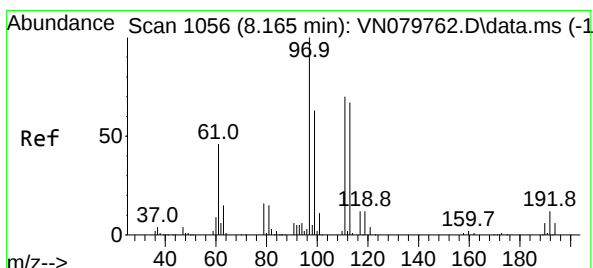
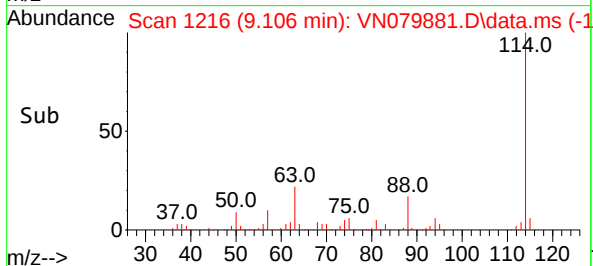
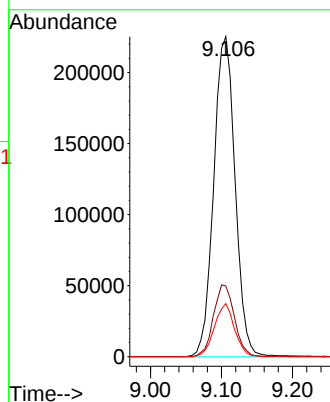
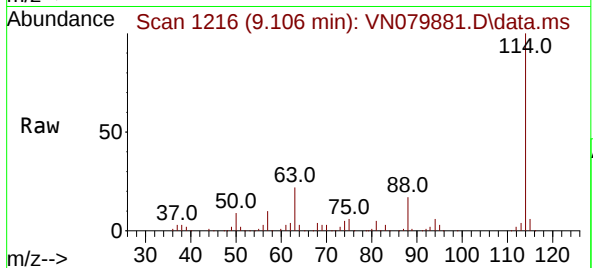
Tgt Ion:114 Resp: 469961

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.669 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079881.D

Acq: 04 Nov 2023 06:43

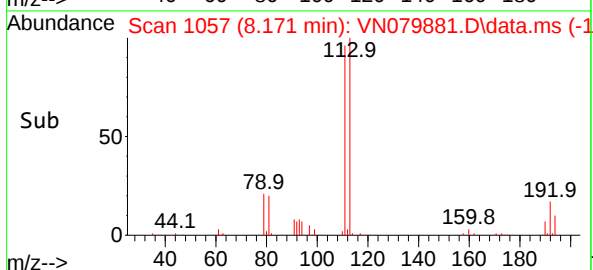
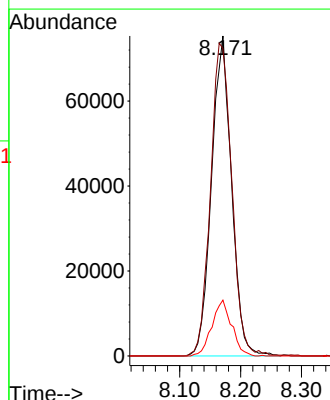
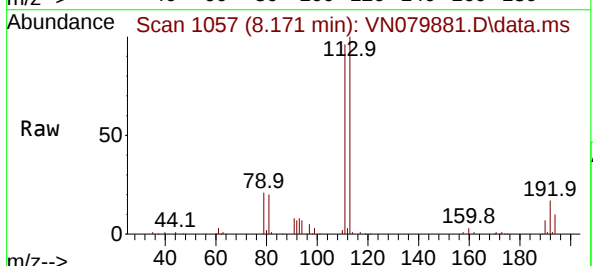
Tgt Ion:113 Resp: 171860

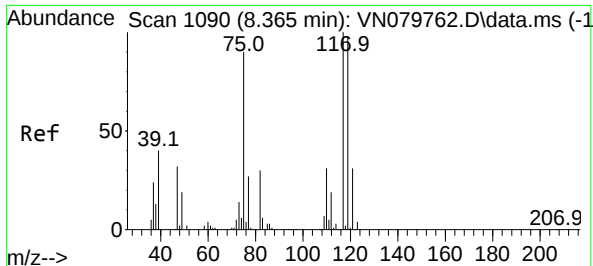
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.2 12.7 19.1

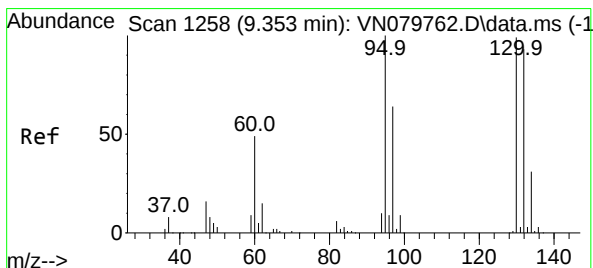
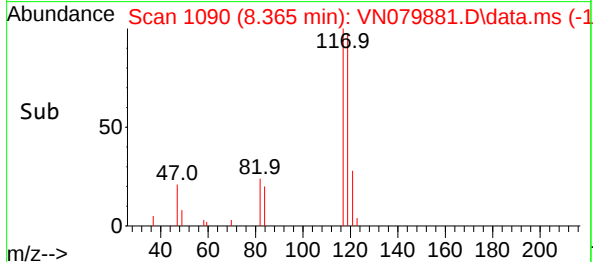
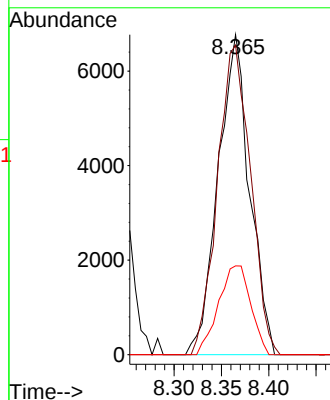
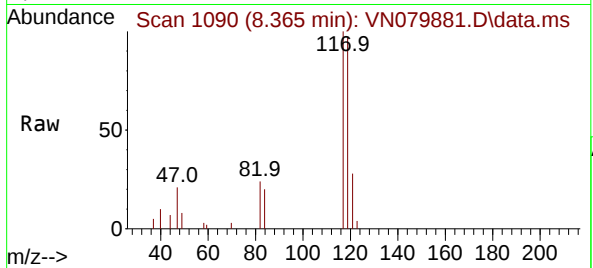




#38
Carbon Tetrachloride
Concen: 3.269 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

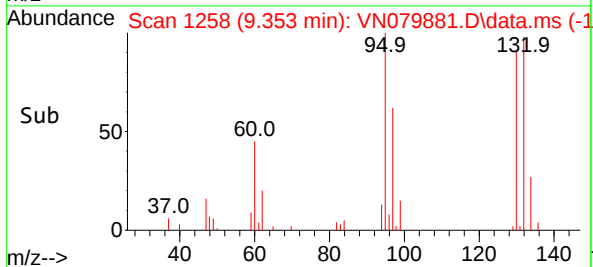
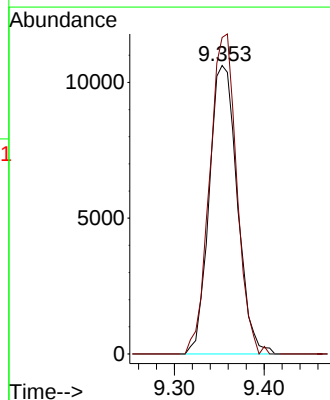
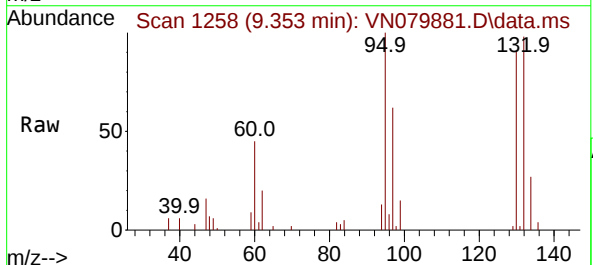
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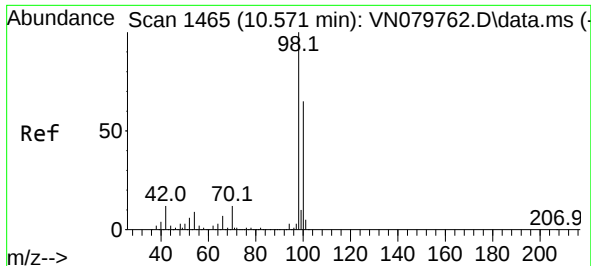
Tgt Ion:117 Resp: 15649
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
121 27.8 23.3 34.9



#44
Trichloroethene
Concen: 6.531 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

Tgt Ion:130 Resp: 23052
Ion Ratio Lower Upper
130 100
95 109.7 0.0 204.6

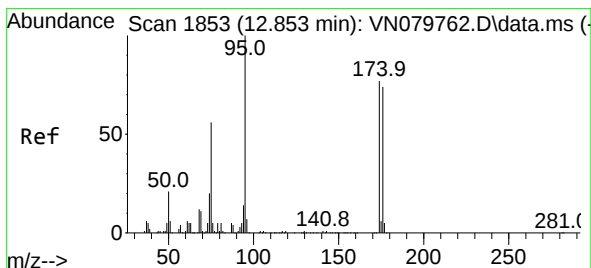
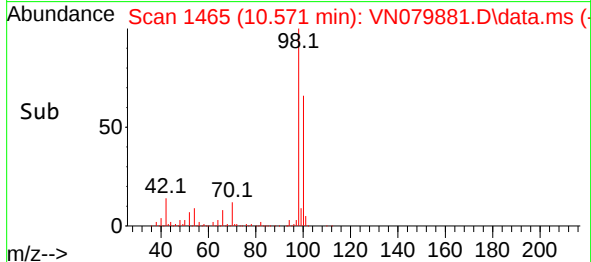
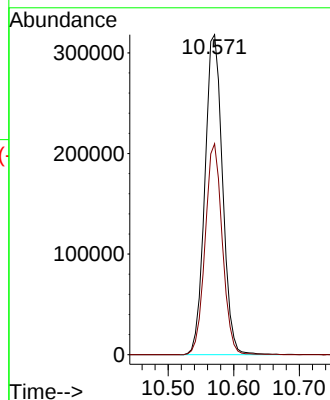
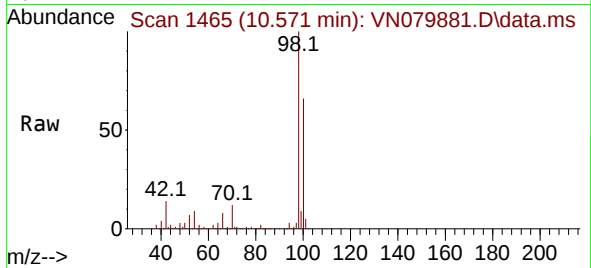




#50
Toluene-d8
Concen: 48.650 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

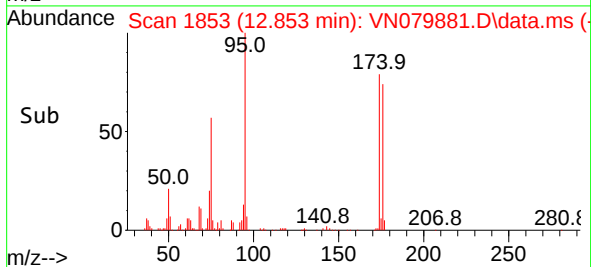
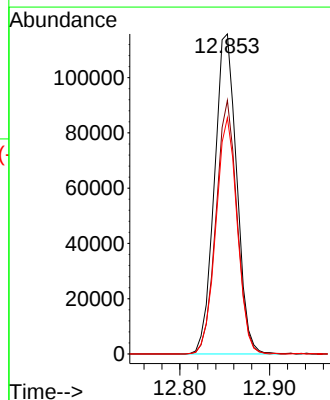
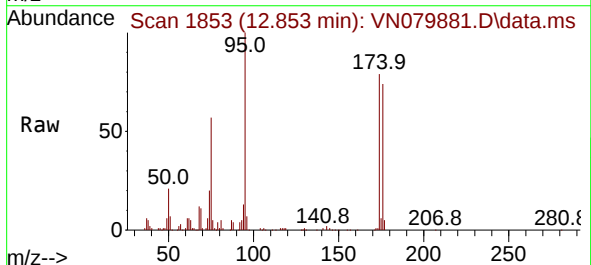
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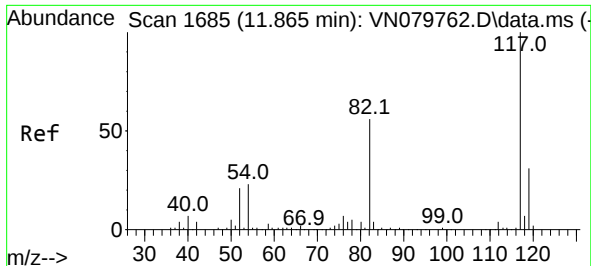
Tgt Ion: 98 Resp: 595714
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.101 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

Tgt Ion: 95 Resp: 199400
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 70.8 0.0 135.8

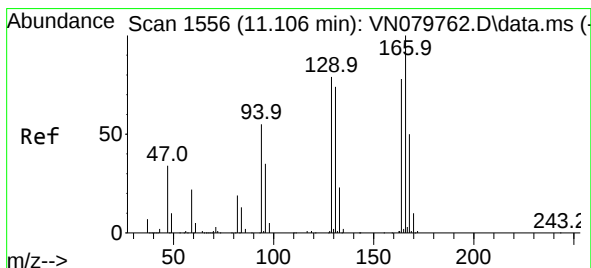
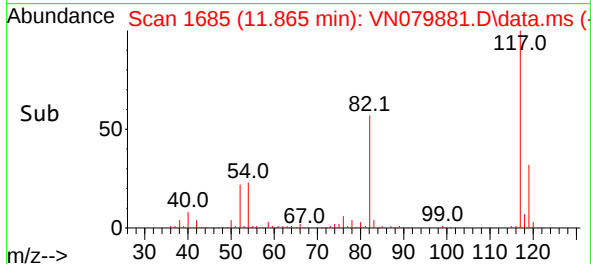
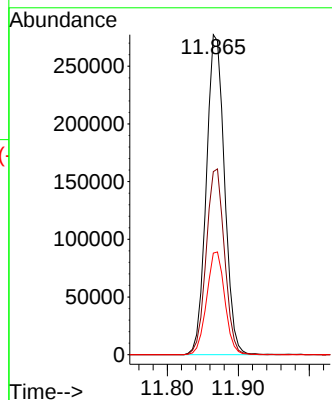
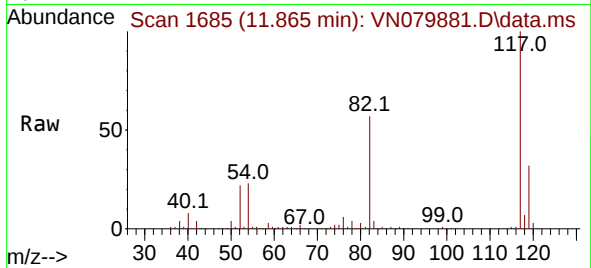




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

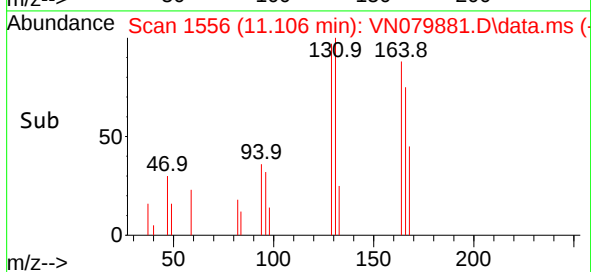
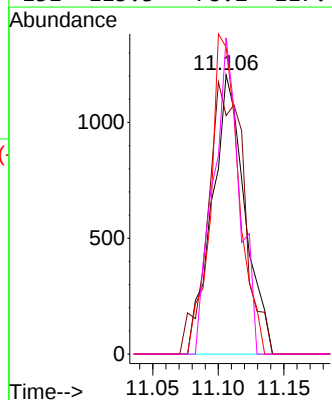
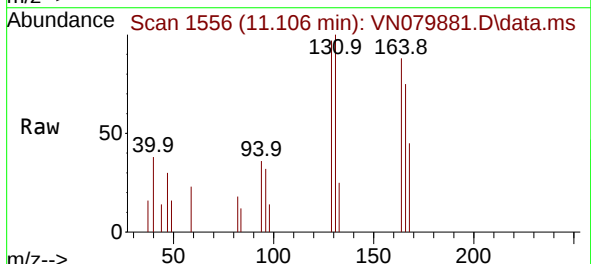
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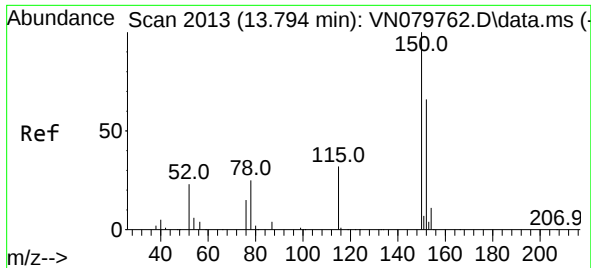
Tgt Ion:117 Resp: 493765
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 0.654 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079881.D
Acq: 04 Nov 2023 06:43

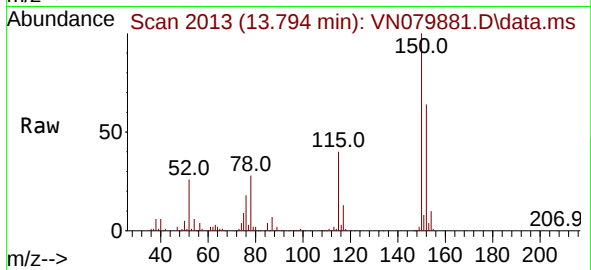
Tgt Ion:164 Resp: 2092
Ion Ratio Lower Upper
164 100
166 85.5 101.4 152.0#
129 110.0 82.4 123.6
131 113.3 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079881.D
 Acq: 04 Nov 2023 06:43

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-12R-20231031



Tgt Ion:152 Resp: 195172
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 155.8 0.0 355.8

