

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079822.D
 Acq On : 03 Nov 2023 03:58
 Operator : JC\MD
 Sample : 05222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-FD-3-20231101

Quant Time: Nov 03 05:39:52 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)

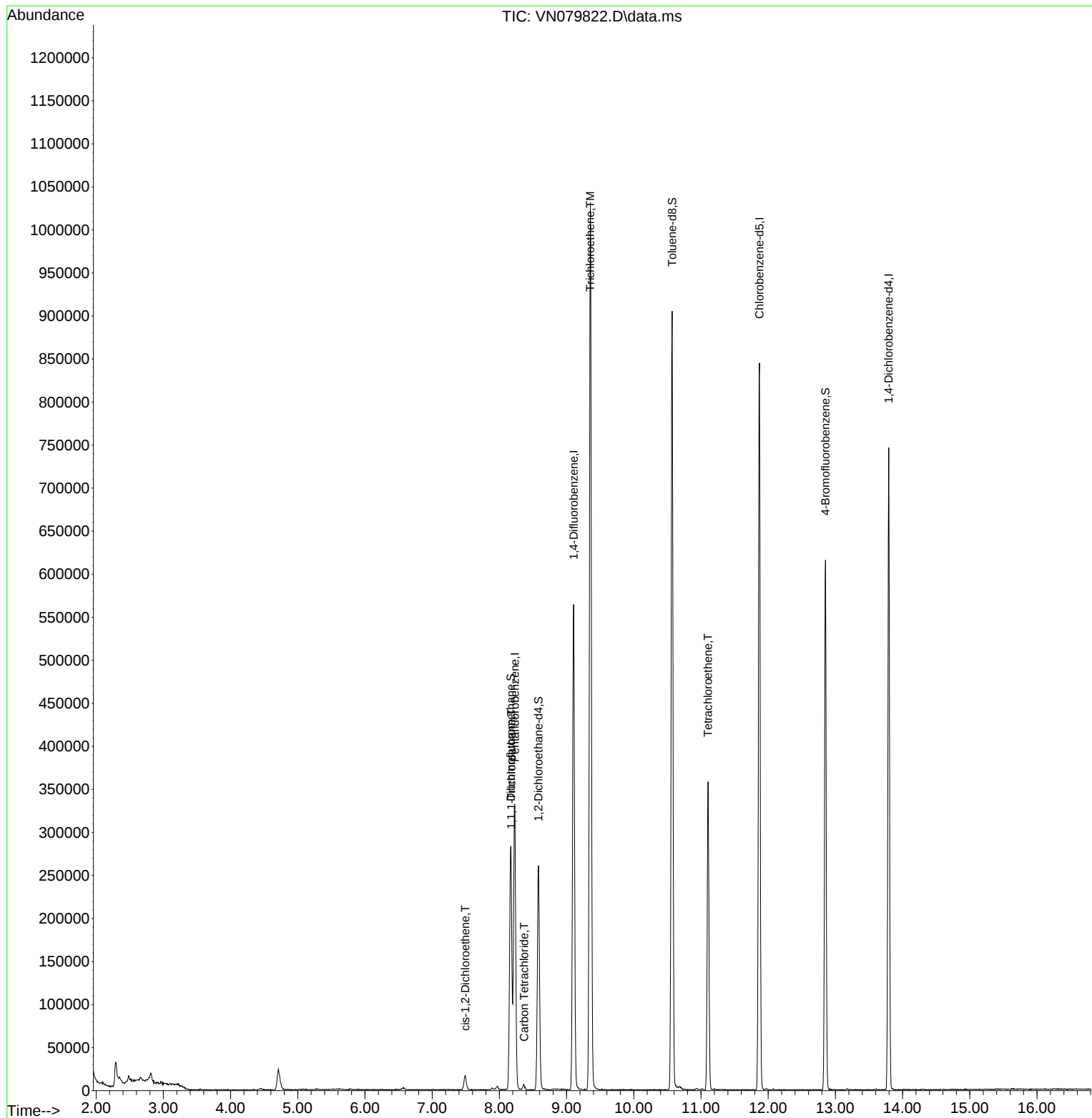
Internal Standards						
1) Pentafluorobenzene	8.230	168	233270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	465759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	476026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212098	59.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.360%
35) Dibromofluoromethane	8.171	113	176311	53.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.980%
50) Toluene-d8	10.571	98	614512	50.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.853	95	203171	50.481	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.960%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.494	96	8900	2.657	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	27127	5.658	ug/l	93
38) Carbon Tetrachloride	8.371	117	3834	0.808	ug/l #	85
44) Trichloroethene	9.353	130	362034	103.491	ug/l	98
64) Tetrachloroethene	11.106	164	75723	24.561	ug/l	97

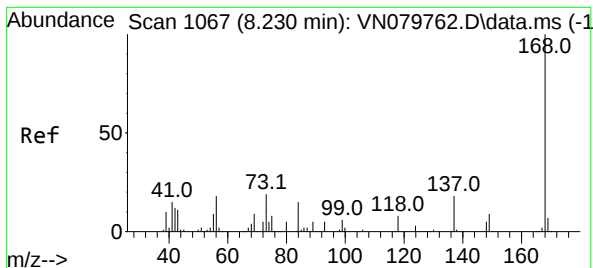
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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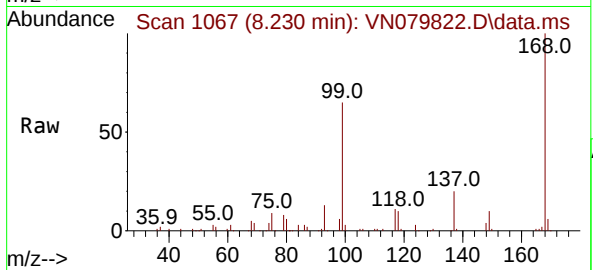
Quant Time: Nov 03 05:39:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
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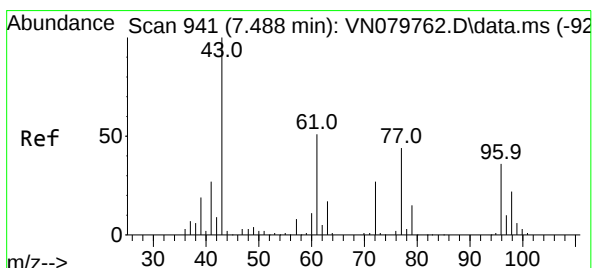
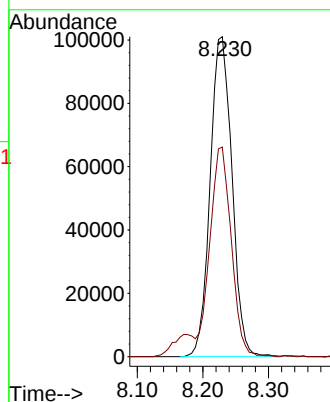
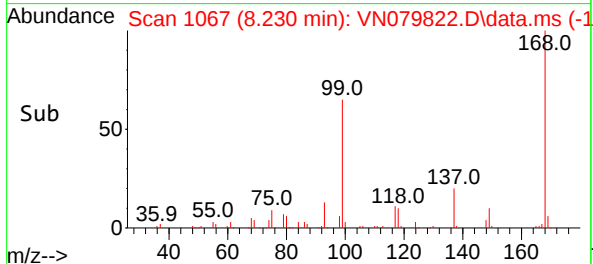


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-3-20231101

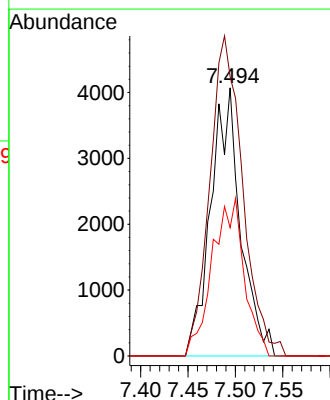
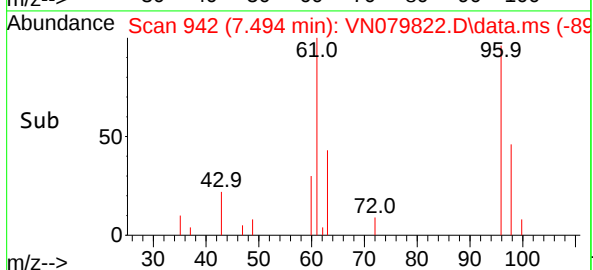
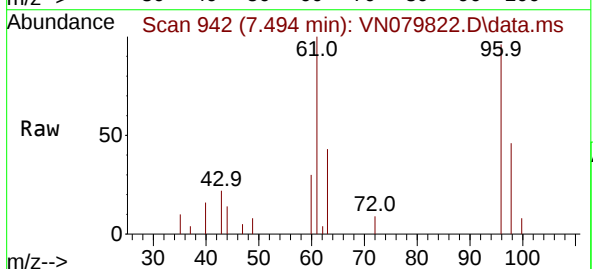


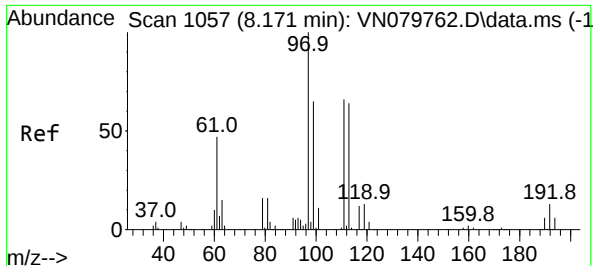
Tgt Ion:168 Resp: 233270
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 2.657 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

Tgt Ion: 96 Resp: 8900
Ion Ratio Lower Upper
96 100
61 131.6 0.0 255.2
98 63.0 0.0 128.8





#32

1,1,1-Trichloroethane

Concen: 5.658 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079822.D

Acq: 03 Nov 2023 03:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-FD-3-20231101

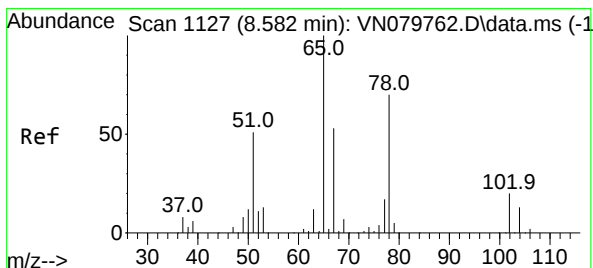
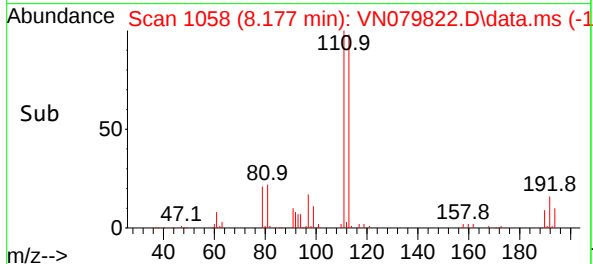
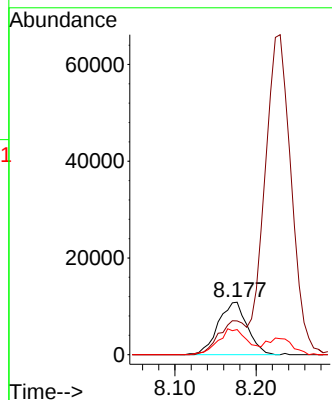
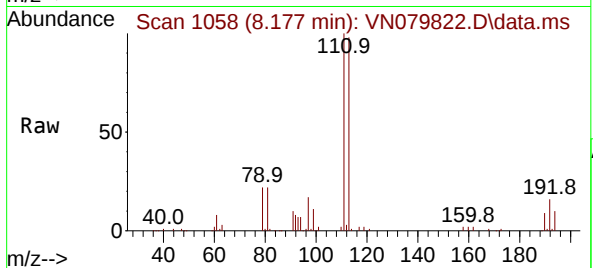
Tgt Ion: 97 Resp: 27127

Ion Ratio Lower Upper

97 100

99 60.0 50.3 75.5

61 50.4 34.7 52.1



#33

1,2-Dichloroethane-d4

Concen: 59.680 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079822.D

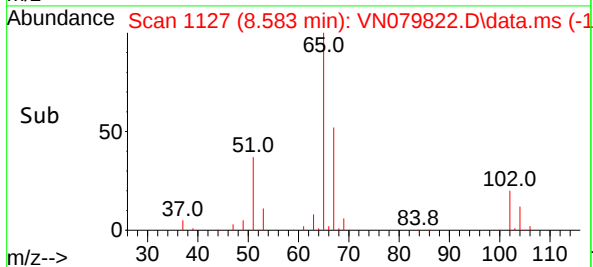
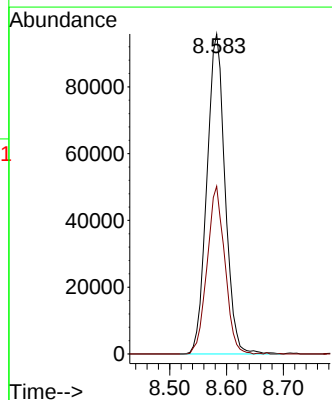
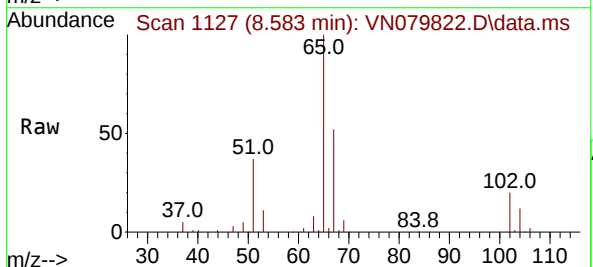
Acq: 03 Nov 2023 03:58

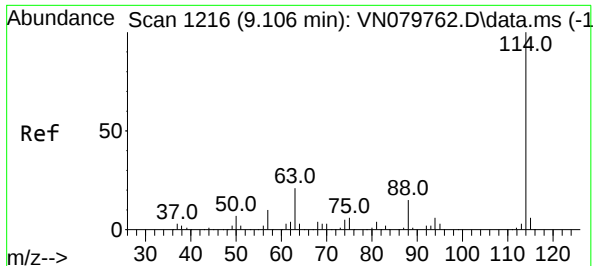
Tgt Ion: 65 Resp: 212098

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6

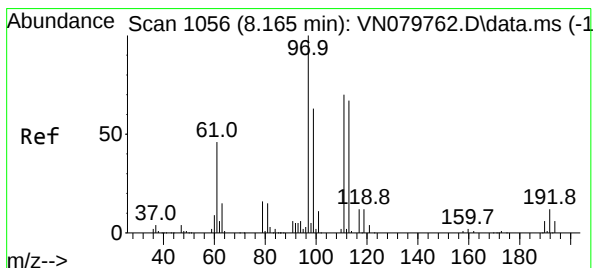
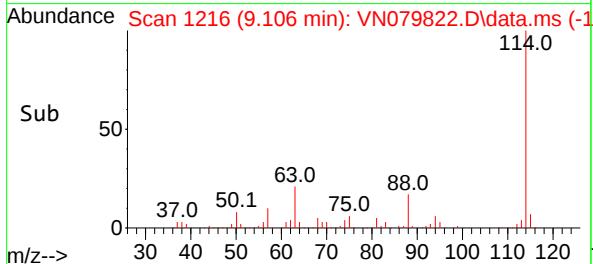
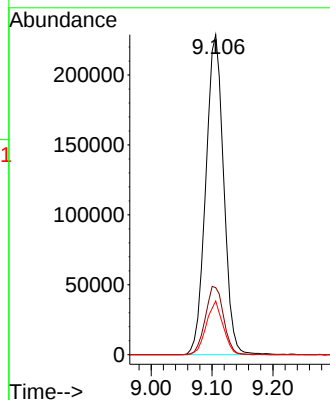
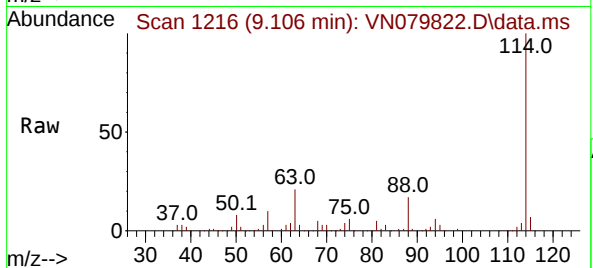




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

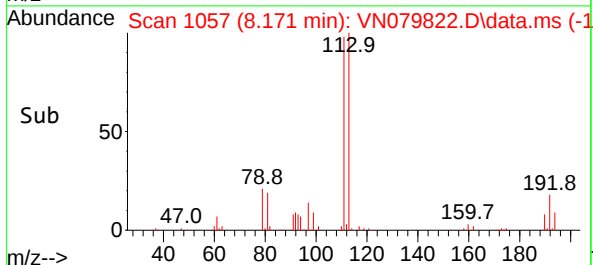
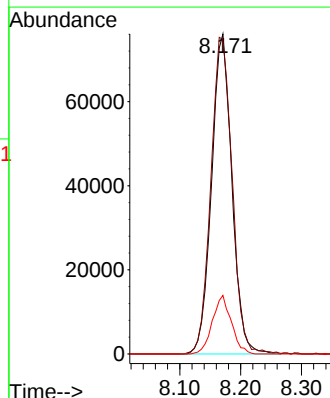
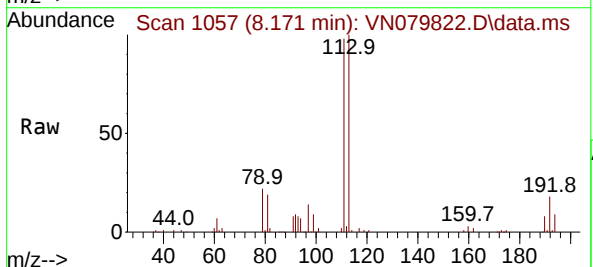
Instrument :
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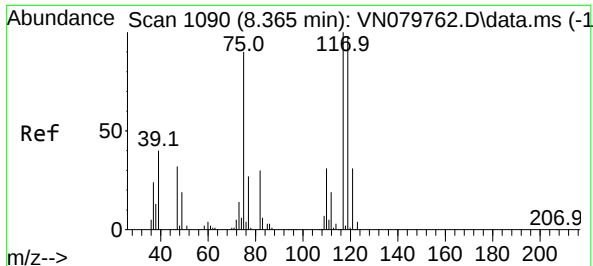
Tgt Ion:114 Resp: 465759
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.485 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

Tgt Ion:113 Resp: 176311
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.1 12.7 19.1

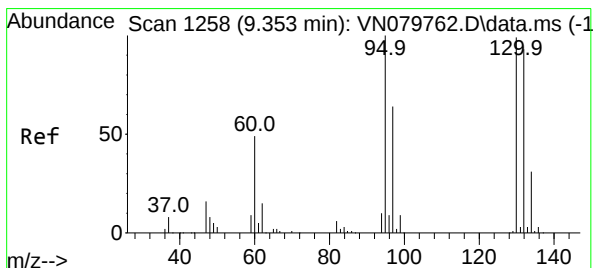
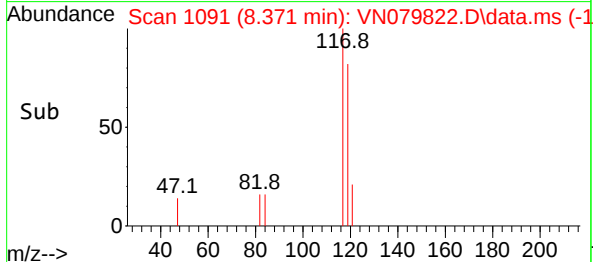
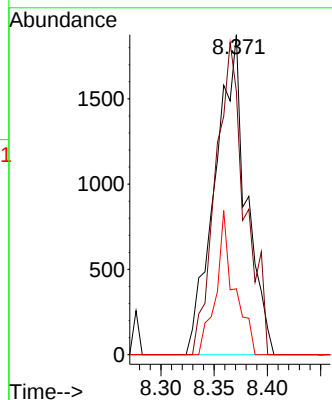
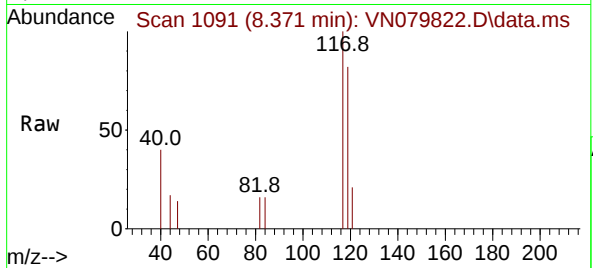




#38
Carbon Tetrachloride
Concen: 0.808 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.012 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

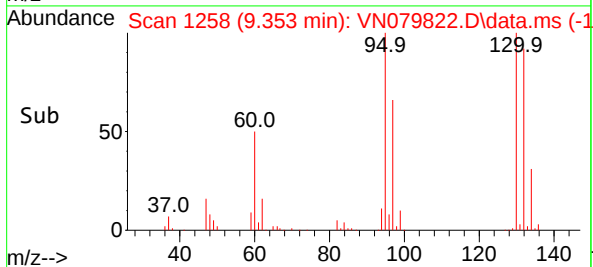
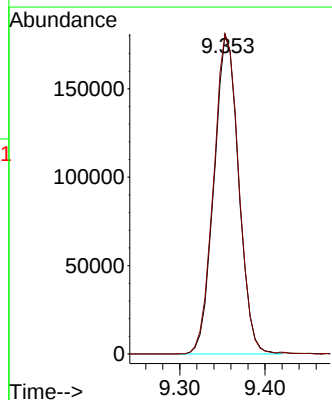
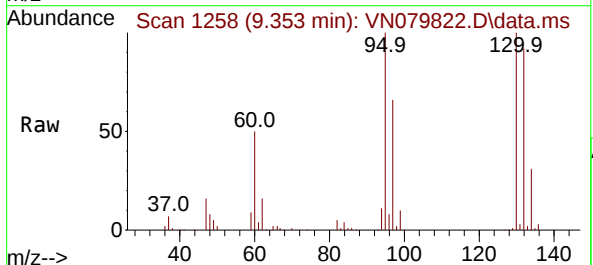
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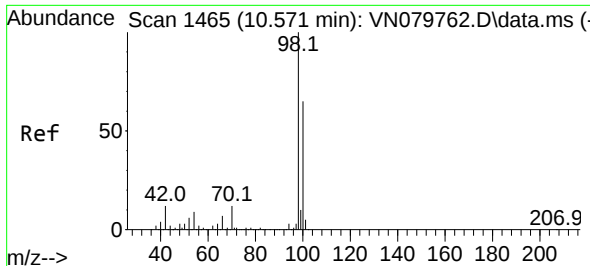
Tgt Ion:117 Resp: 3834
Ion Ratio Lower Upper
117 100
119 82.4 77.3 115.9
121 20.6 23.3 34.9#



#44
Trichloroethene
Concen: 103.491 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

Tgt Ion:130 Resp: 362034
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.6

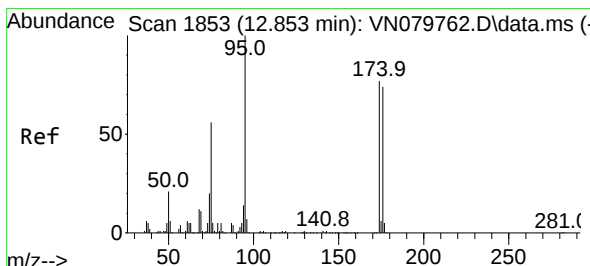
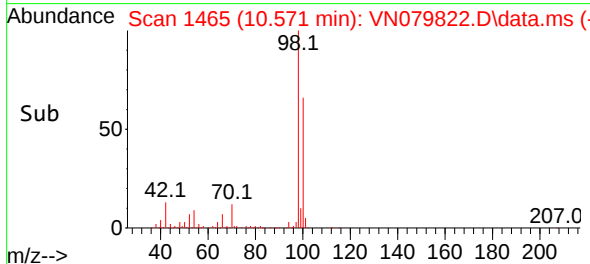
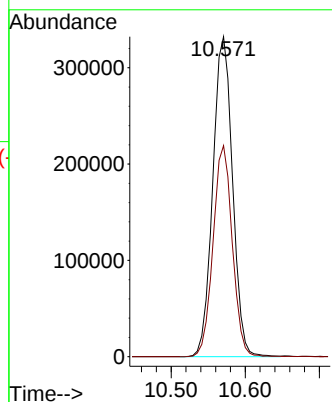
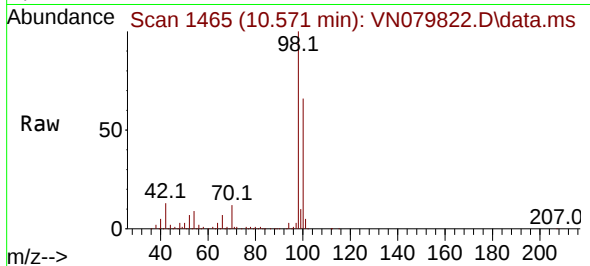




#50
Toluene-d8
Concen: 50.638 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

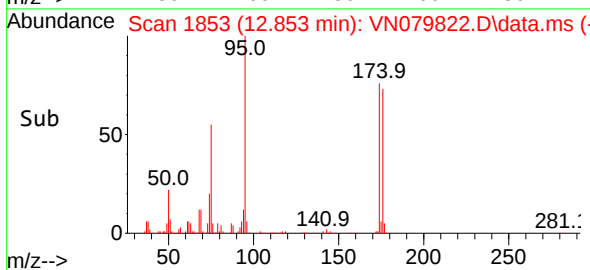
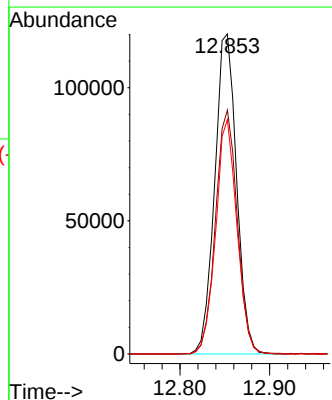
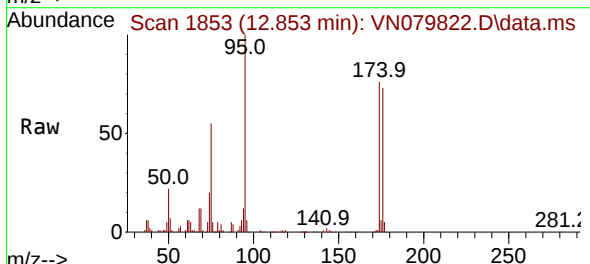
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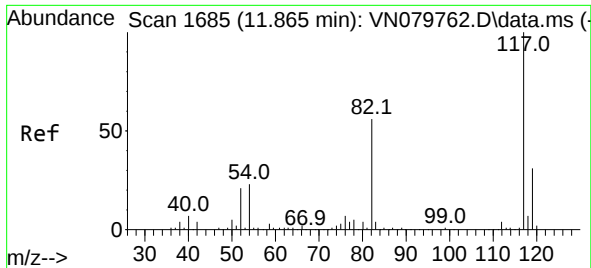
Tgt Ion: 98 Resp: 614512
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.481 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

Tgt Ion: 95 Resp: 203171
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 71.2 0.0 135.8

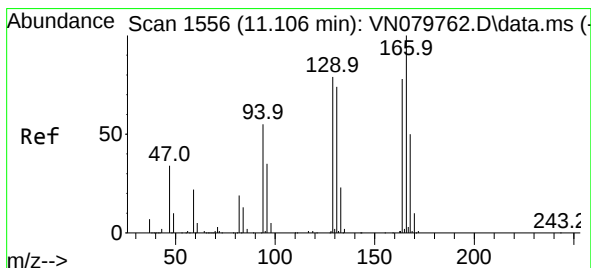
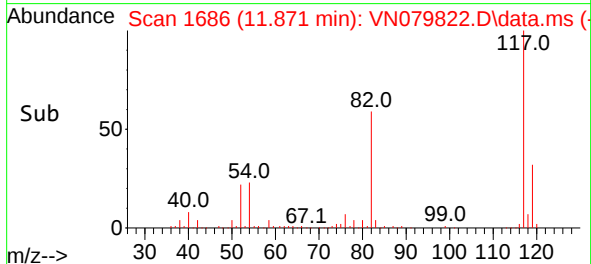
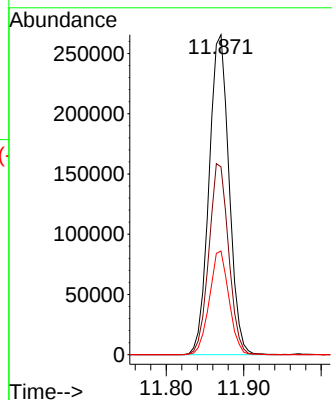
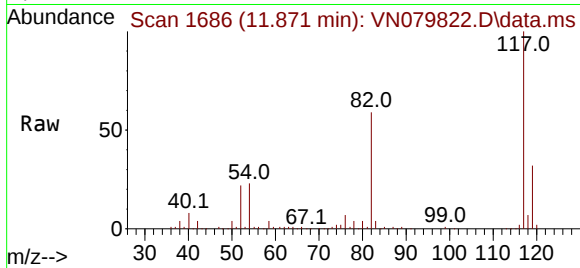




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

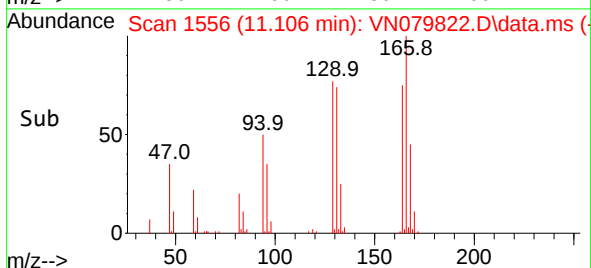
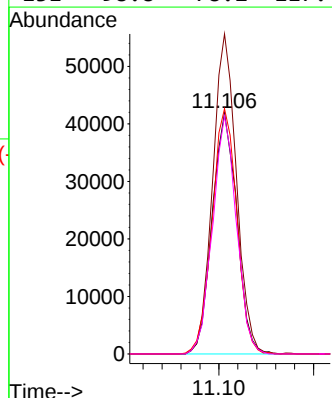
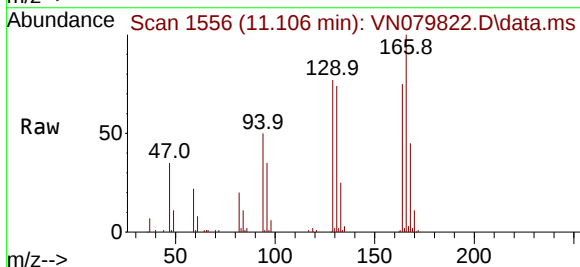
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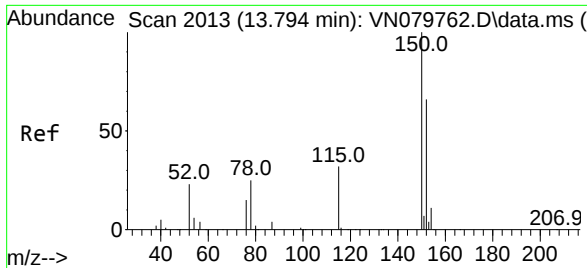
Tgt Ion:117 Resp: 476026
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 24.561 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079822.D
Acq: 03 Nov 2023 03:58

Tgt Ion:164 Resp: 75723
Ion Ratio Lower Upper
164 100
166 132.8 101.4 152.0
129 101.8 82.4 123.6
131 98.8 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: VN079822.D

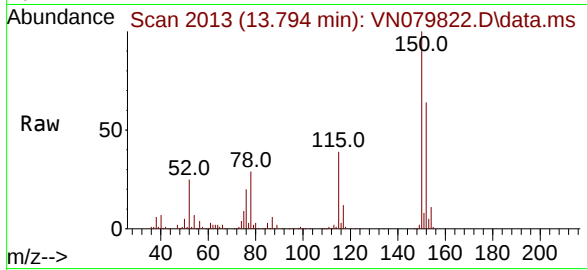
Acq: 03 Nov 2023 03:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-FD-3-20231101



Tgt Ion:152 Resp: 185969

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 157.5 0.0 355.8

