

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079831.D
 Acq On : 03 Nov 2023 07:32
 Operator : JC\MD
 Sample : 05222-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-04D-20231101

Quant Time: Nov 03 08:53:08 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)

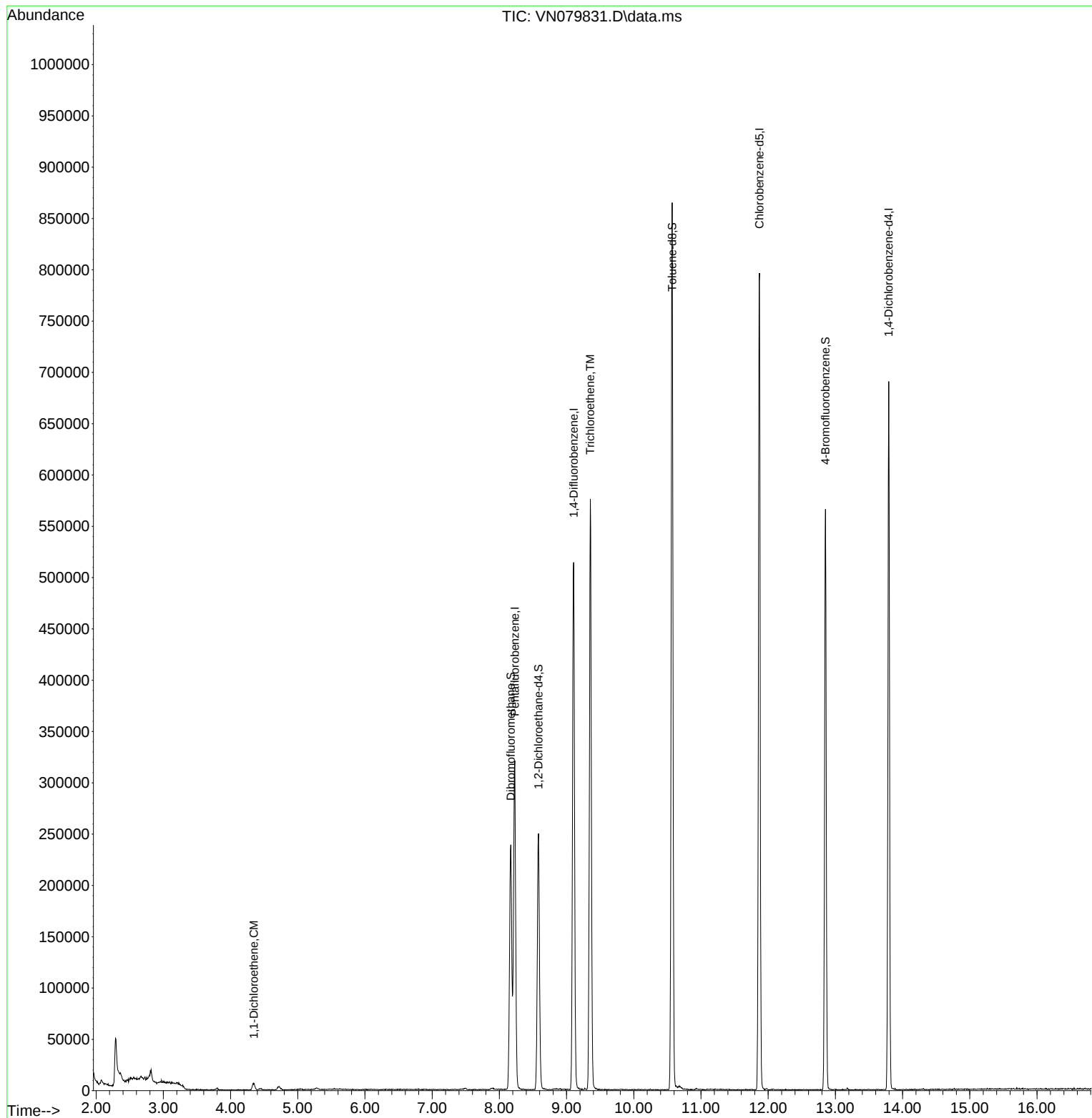
Internal Standards						
1) Pentafluorobenzene	8.230	168	222059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	452708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199797	59.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.120%
35) Dibromofluoromethane	8.171	113	169601	55.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.560%
50) Toluene-d8	10.571	98	573782	50.801	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.853	95	191713	51.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.360%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.347	96	3784	1.583	ug/l	# 65
44) Trichloroethene	9.353	130	196984	60.502	ug/l	98

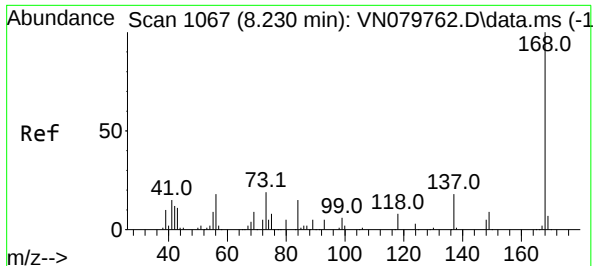
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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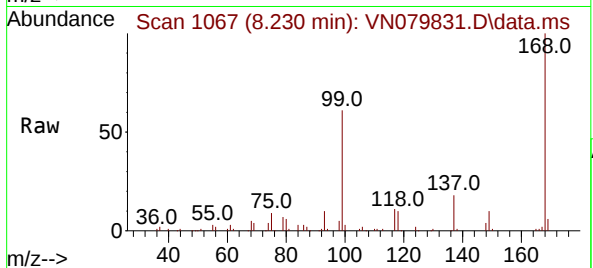
Quant Time: Nov 03 08:53:08 2023
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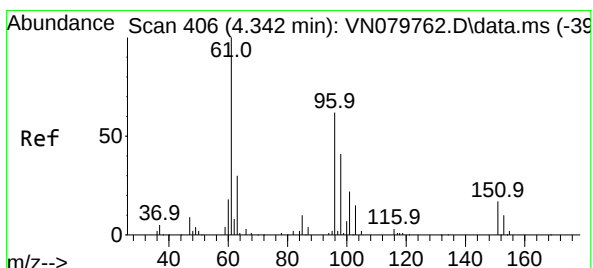
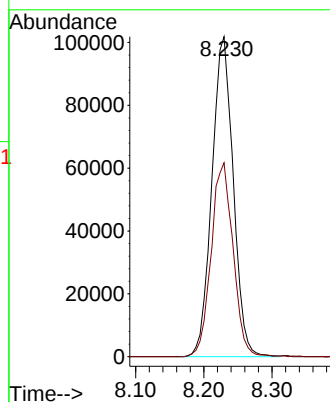
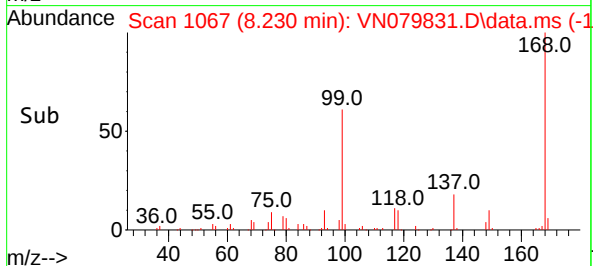


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-04D-20231101

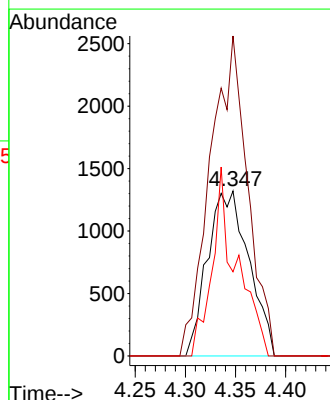
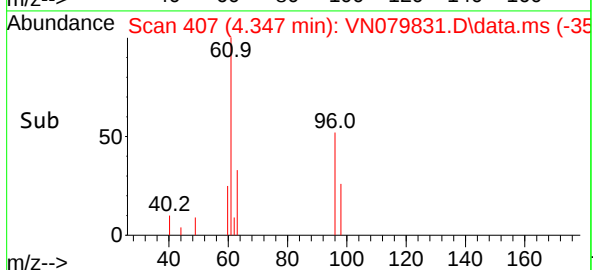
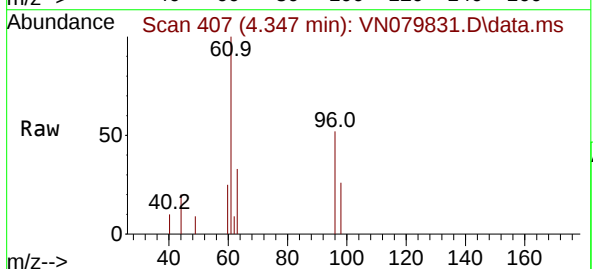


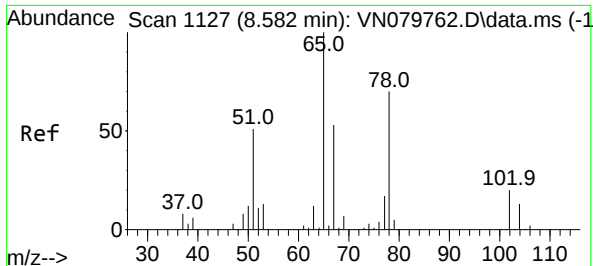
Tgt Ion:168 Resp: 222059
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#12
1,1-Dichloroethene
Concen: 1.583 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

Tgt Ion: 96 Resp: 3784
Ion Ratio Lower Upper
96 100
61 193.9 112.7 169.1#
98 51.0 51.2 76.8#





#33

1,2-Dichloroethane-d4

Concen: 59.057 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079831.D

Acq: 03 Nov 2023 07:32

Instrument :

MSVOA_N

ClientSampleId :

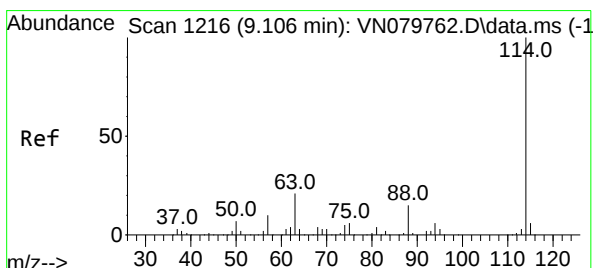
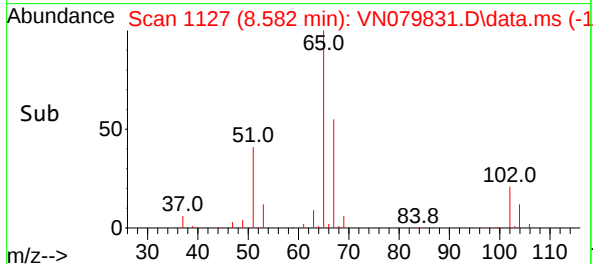
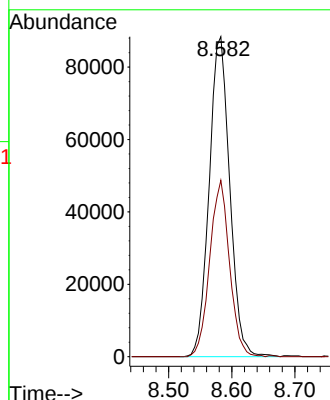
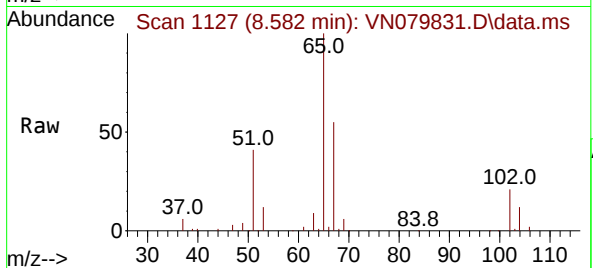
FSND-MW-EVAL-04D-20231101

Tgt Ion: 65 Resp: 199797

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: VN079831.D

Acq: 03 Nov 2023 07:32

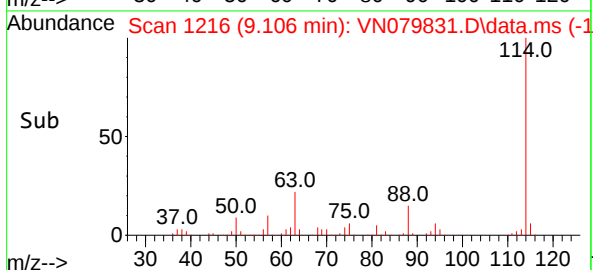
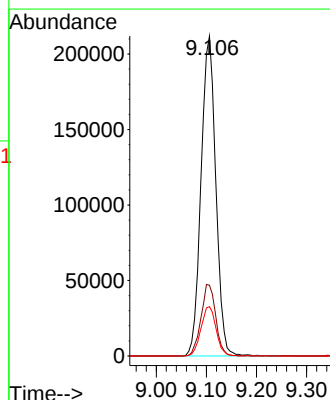
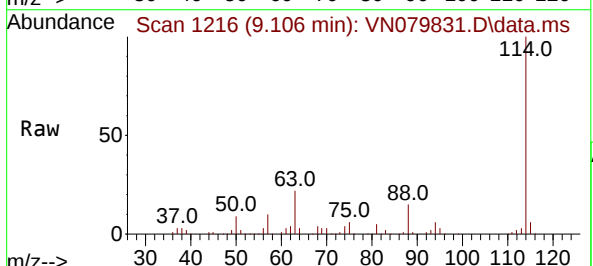
Tgt Ion: 114 Resp: 433489

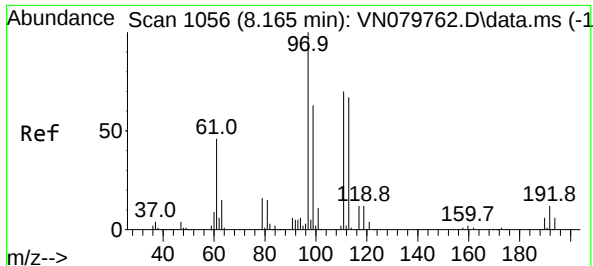
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.4 0.0 30.6

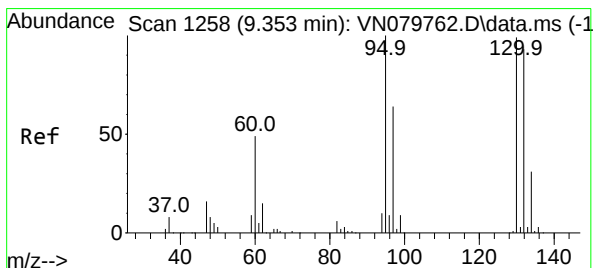
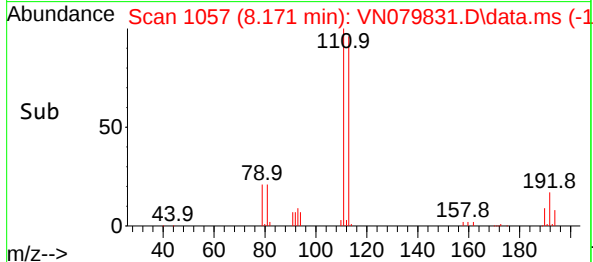
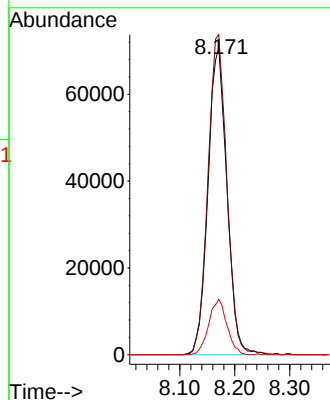
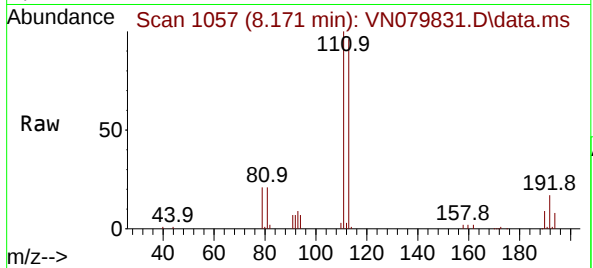




#35
Dibromofluoromethane
Concen: 55.280 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

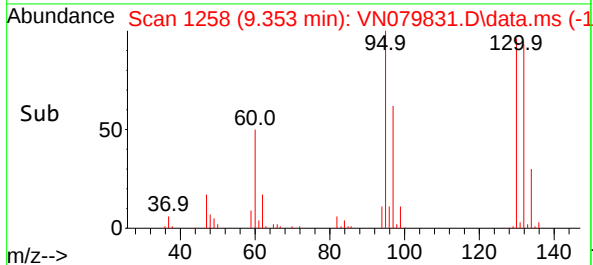
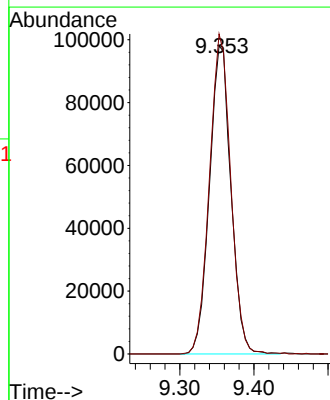
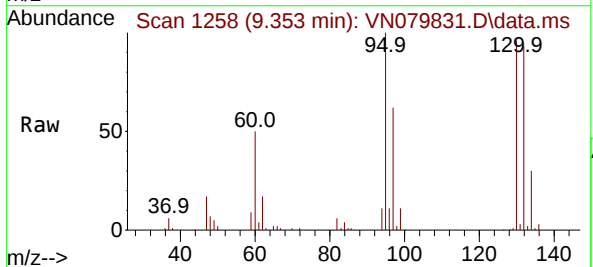
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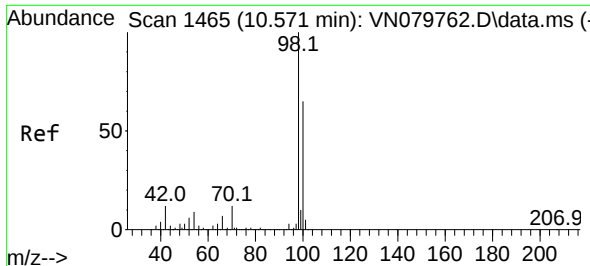
Tgt Ion:113 Resp: 169601
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 17.3 12.7 19.1



#44
Trichloroethene
Concen: 60.502 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

Tgt Ion:130 Resp: 196984
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6

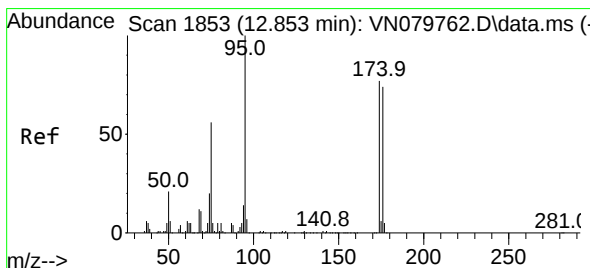
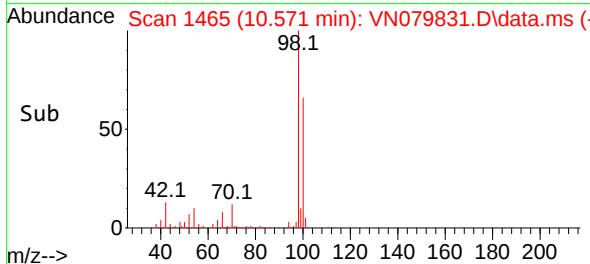
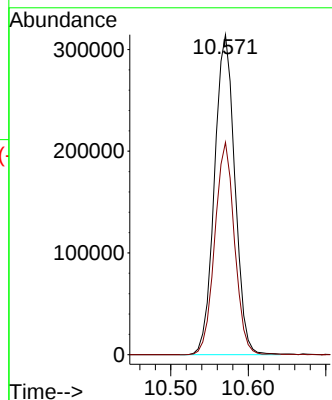
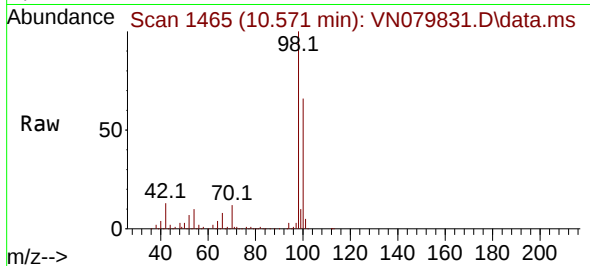




#50
Toluene-d8
Concen: 50.801 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

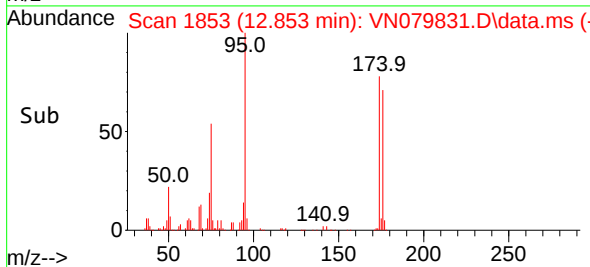
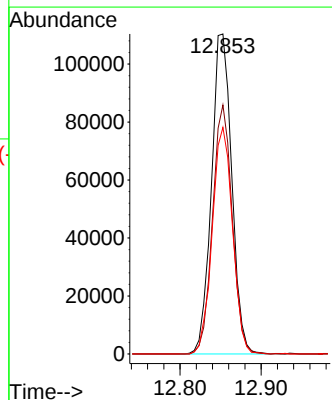
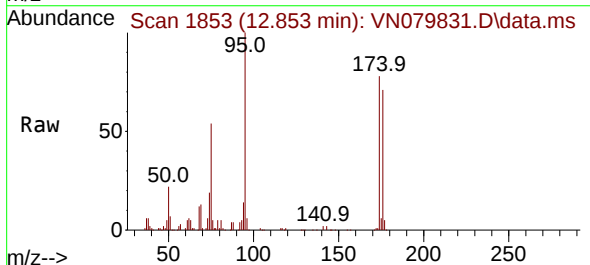
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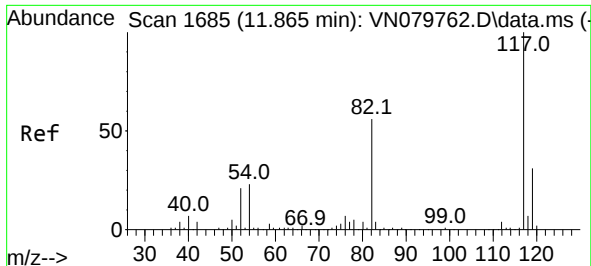
Tgt Ion: 98 Resp: 573782
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.180 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

Tgt Ion: 95 Resp: 191713
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.7 0.0 135.8

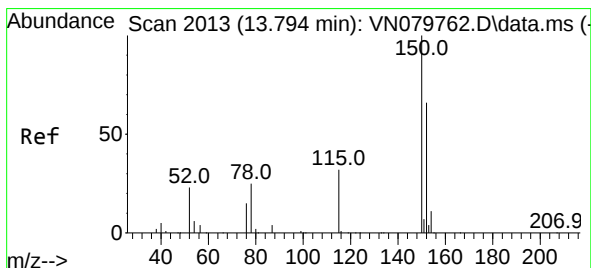
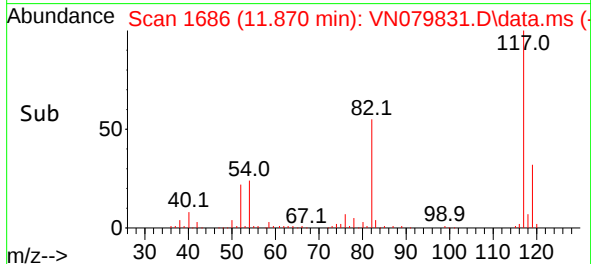
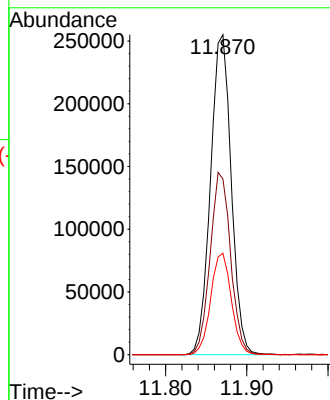
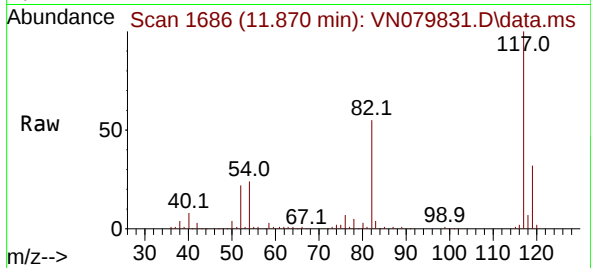




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-04D-20231101

Tgt Ion:117 Resp: 452708
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079831.D
Acq: 03 Nov 2023 07:32

Tgt Ion:152 Resp: 174278
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 157.4 0.0 355.8

