

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079516.D
 Acq On : 11 Oct 2023 14:48
 Operator : JC\MD
 Sample : 04819-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-100923

Quant Time: Oct 12 06:09:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

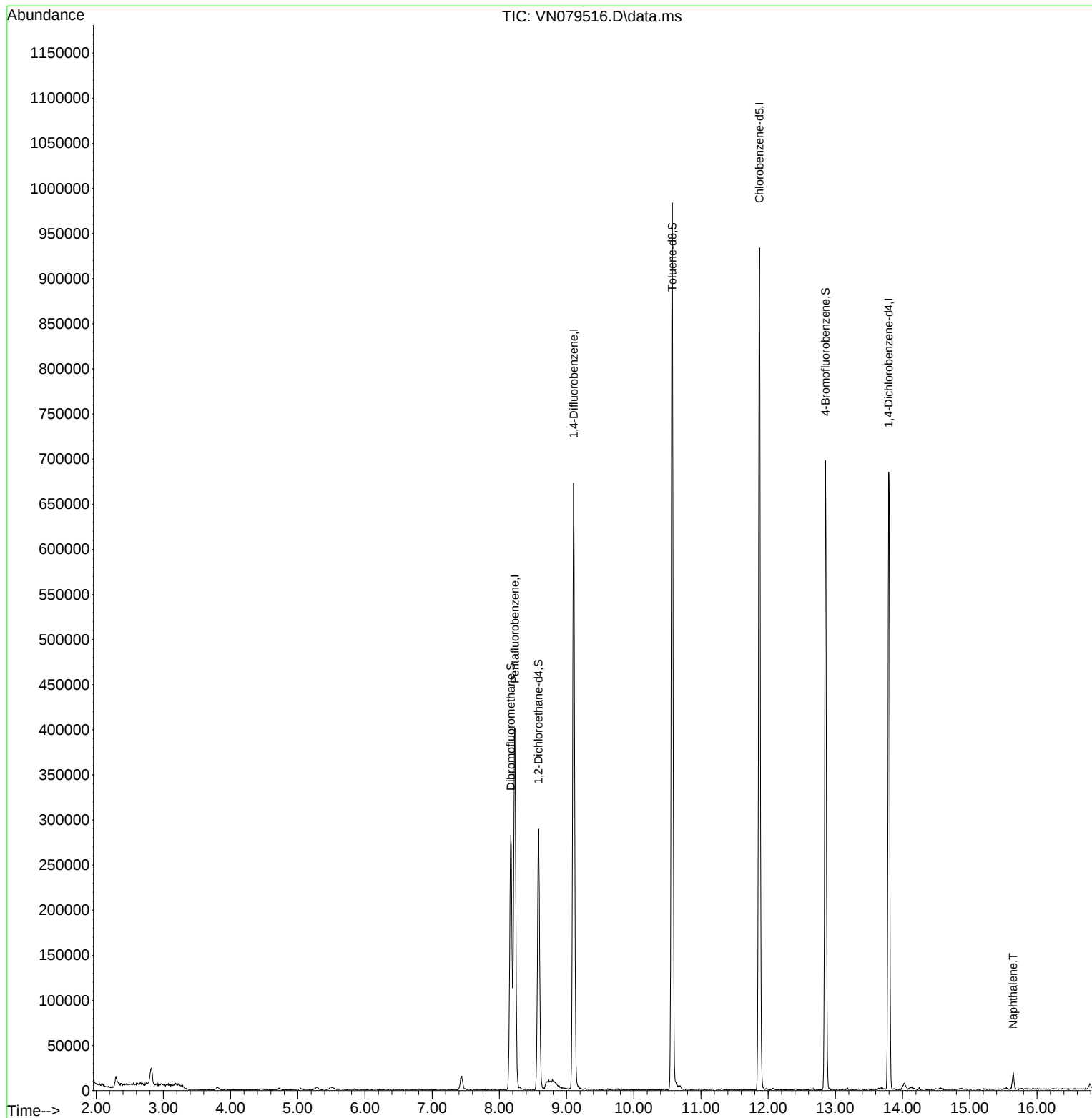
Internal Standards						
1) Pentafluorobenzene	8.230	168	284642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	538763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230236	49.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.171	113	202831	49.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.440%
50) Toluene-d8	10.571	98	664500	45.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.853	95	232296	49.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.080%
Target Compounds						
95) Naphthalene	15.647	128	16245	2.695	ug/l	Qvalue 98

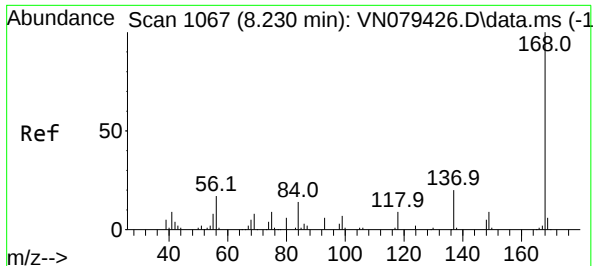
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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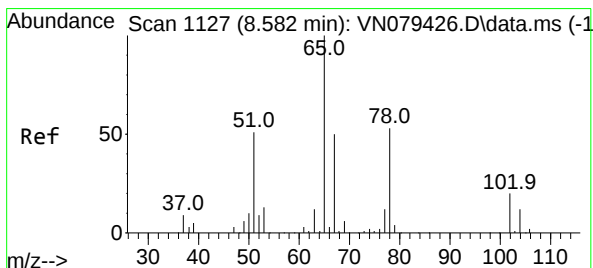
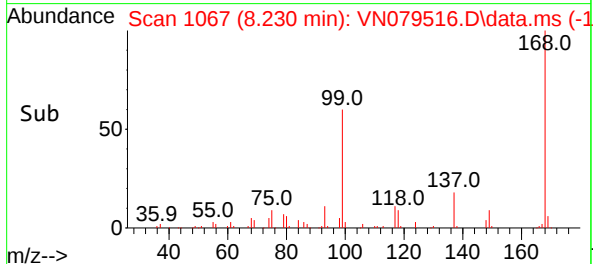
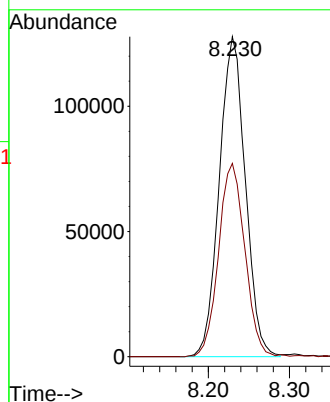
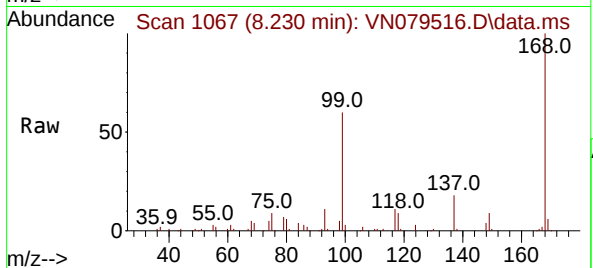




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079516.D
Acq: 11 Oct 2023 14:48

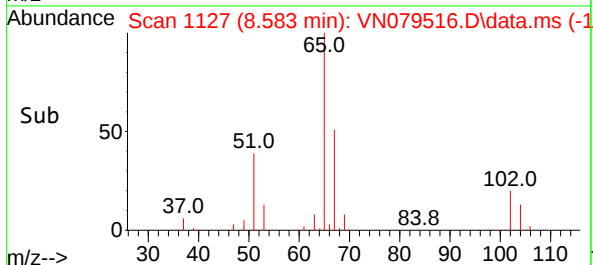
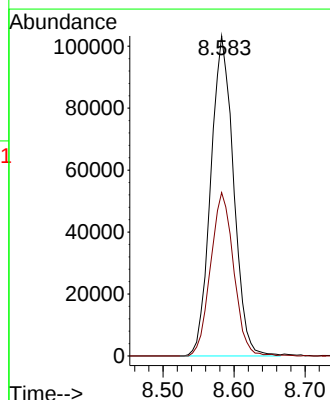
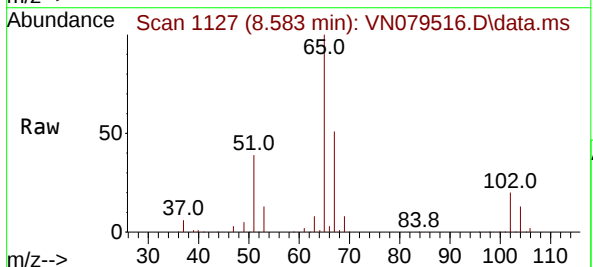
Instrument :
MSVOA_N
ClientSampleId :
TB-01-100923

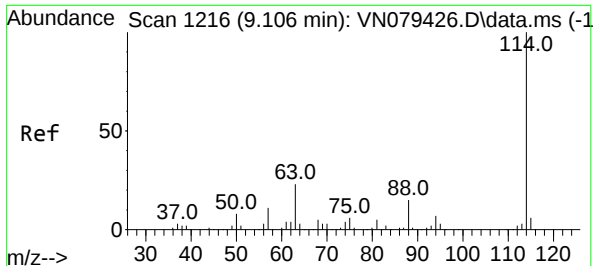
Tgt Ion:168 Resp: 284642
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.886 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079516.D
Acq: 11 Oct 2023 14:48

Tgt Ion: 65 Resp: 230236
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

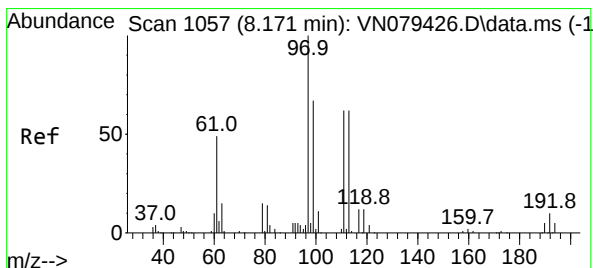
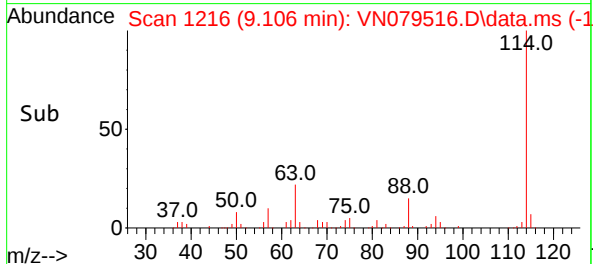
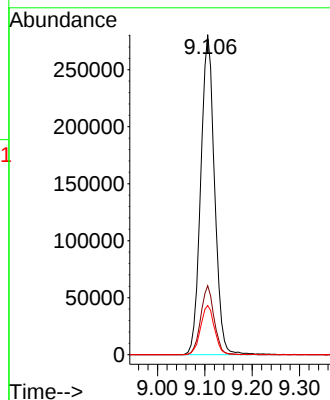
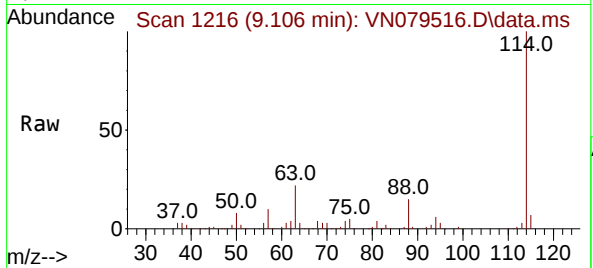




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079516.D
Acq: 11 Oct 2023 14:48

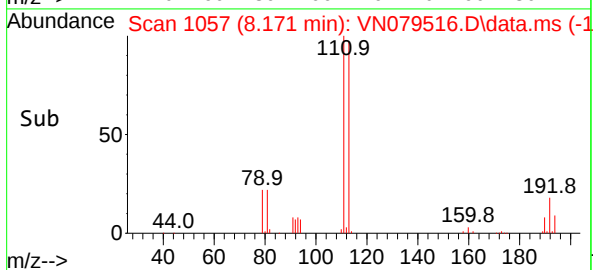
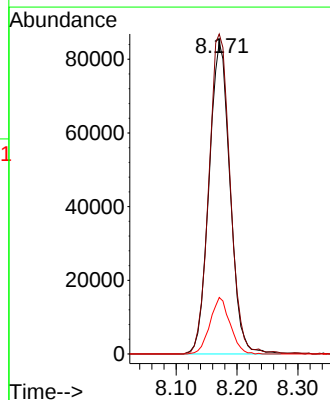
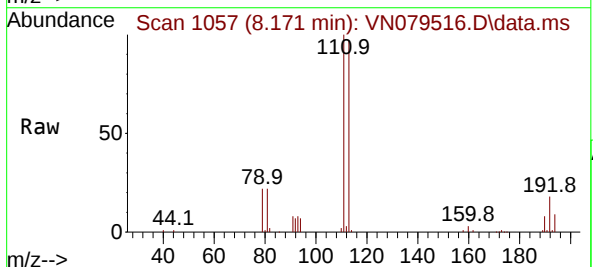
Instrument :
MSVOA_N
ClientSampleId :
TB-01-100923

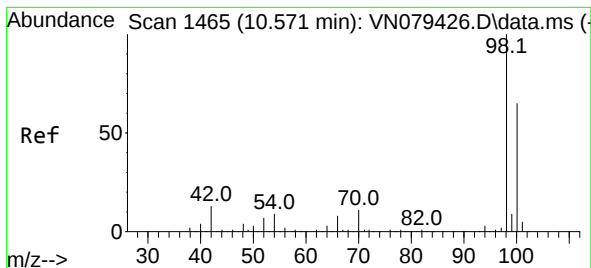
Tgt Ion:114 Resp: 567695
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.718 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079516.D
Acq: 11 Oct 2023 14:48

Tgt Ion:113 Resp: 202831
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.3 12.7 19.1





#50

Toluene-d8

Concen: 45.016 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079516.D

Acq: 11 Oct 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

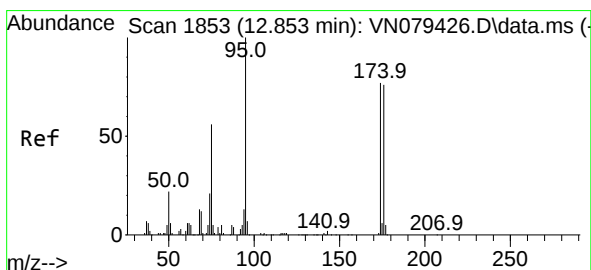
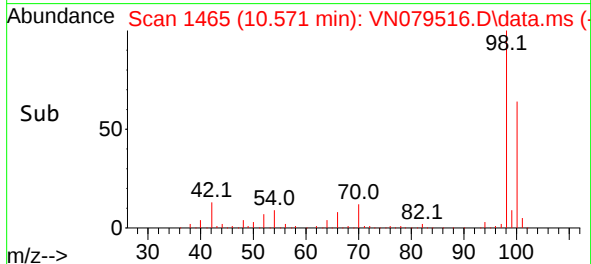
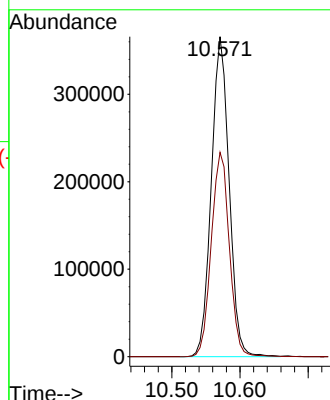
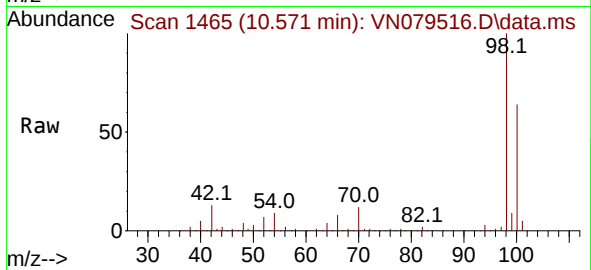
TB-01-100923

Tgt Ion: 98 Resp: 664500

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.036 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079516.D

Acq: 11 Oct 2023 14:48

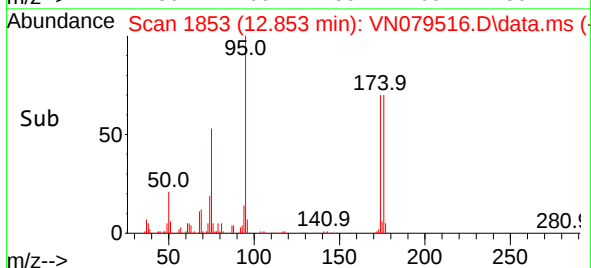
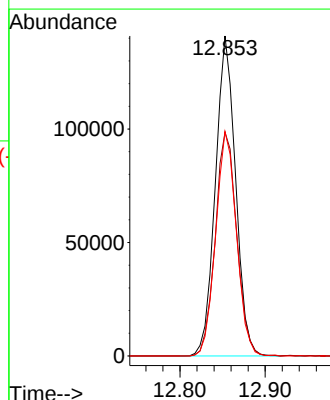
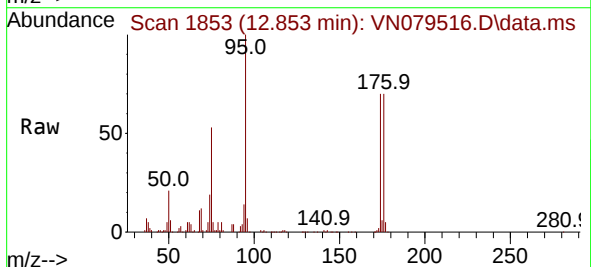
Tgt Ion: 95 Resp: 232296

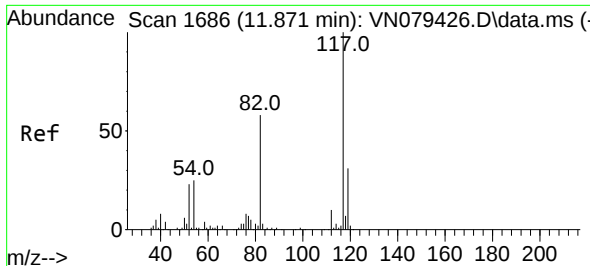
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.8

176 71.9 0.0 135.8

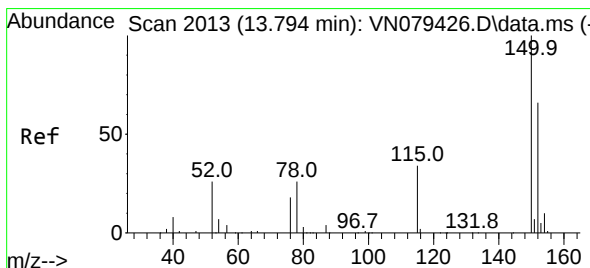
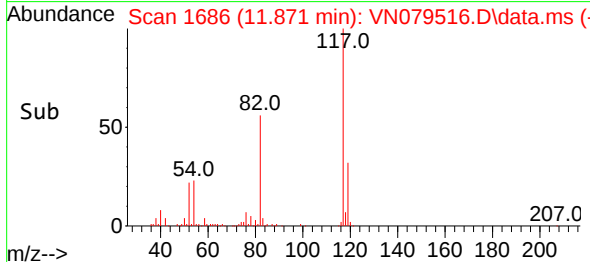
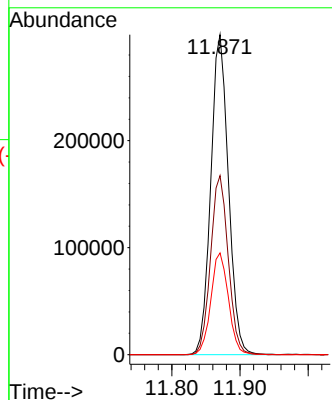
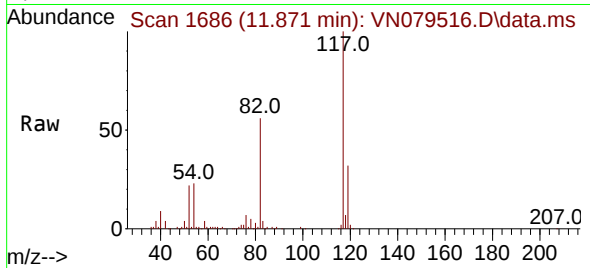




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079516.D
Acq: 11 Oct 2023 14:48

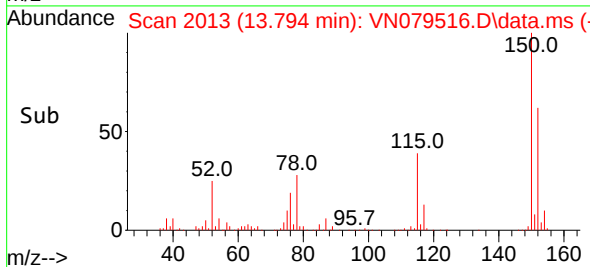
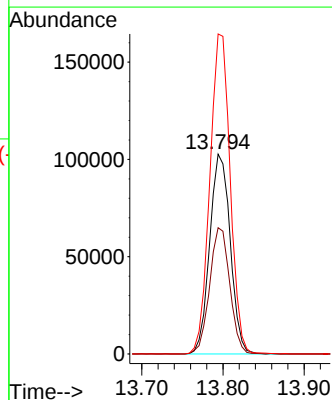
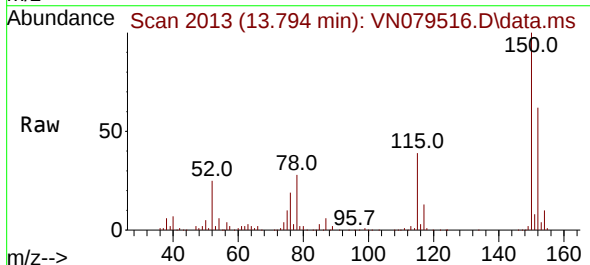
Instrument :
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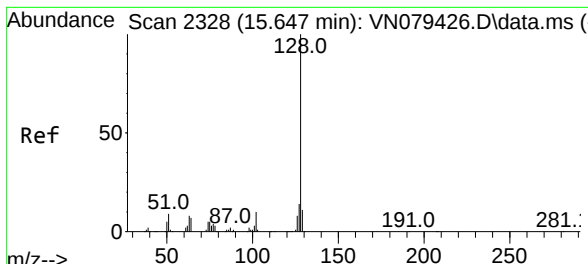
Tgt Ion:117 Resp: 538763
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079516.D
Acq: 11 Oct 2023 14:48

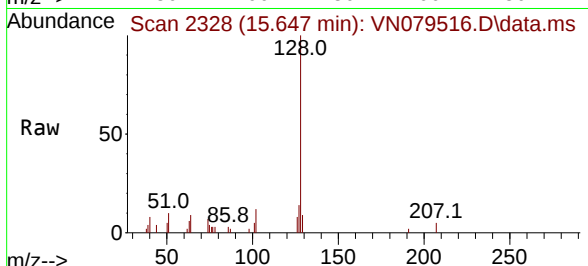
Tgt Ion:152 Resp: 180580
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.4 0.0 355.8





#95
 Naphthalene
 Concen: 2.695 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079516.D
 Acq: 11 Oct 2023 14:48

Instrument :
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Tgt Ion:	128	Resp:	16245
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	9.6	8.7	13.1

