

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077952.D
 Acq On : 27 May 2023 03:15
 Operator : JC\MD
 Sample : 02970-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 29 01:42:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

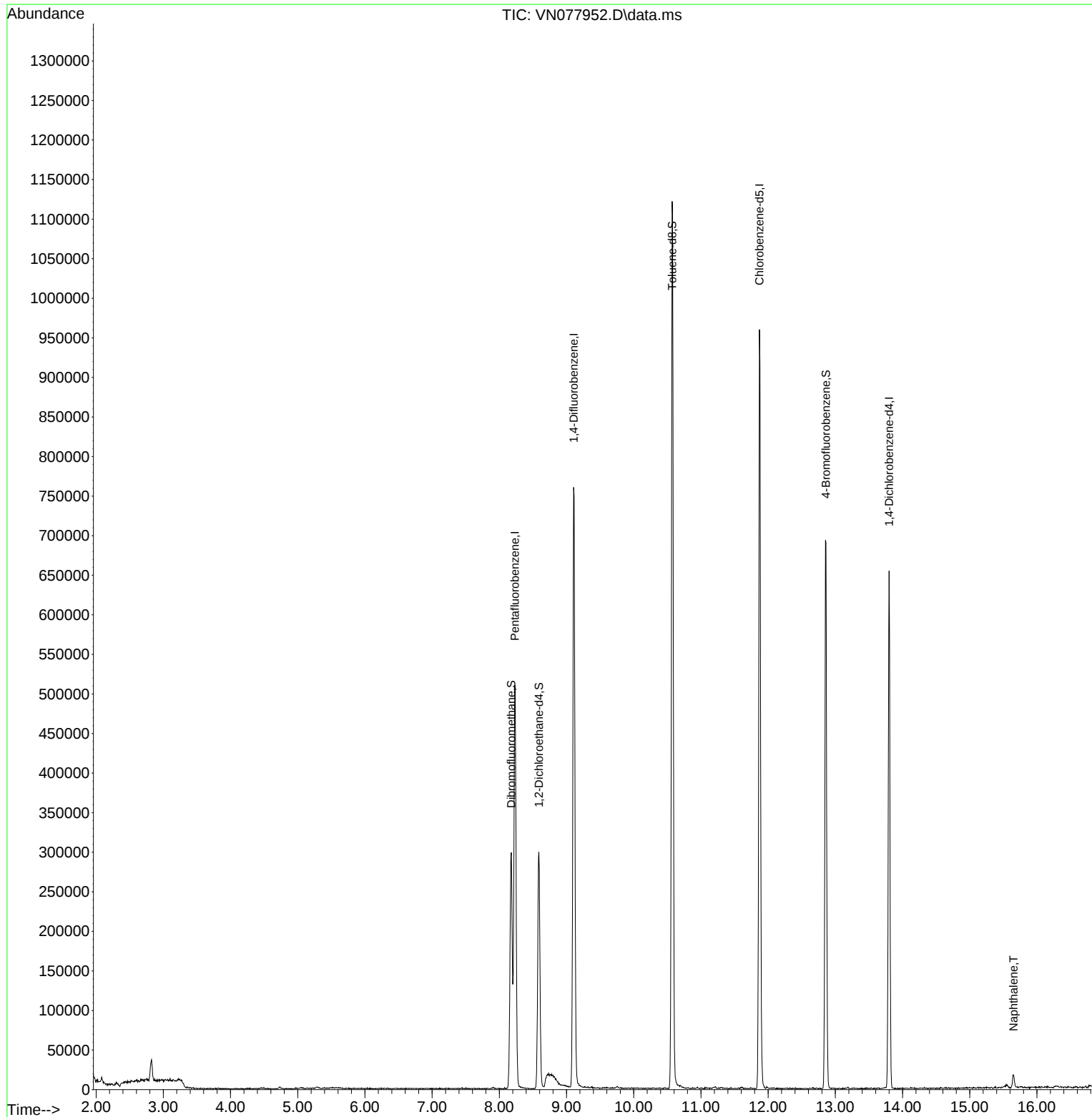
Internal Standards						
1) Pentafluorobenzene	8.230	168	372204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	677772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	176971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249349	44.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.540%
35) Dibromofluoromethane	8.177	113	222941	50.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	10.571	98	822174	48.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.859	95	259595	43.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%
Target Compounds						
95) Naphthalene	15.653	128	15732	1.300	ug/l	Qvalue 98

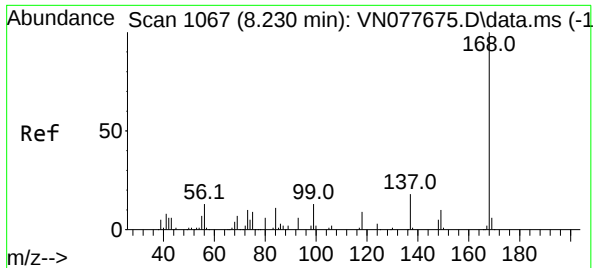
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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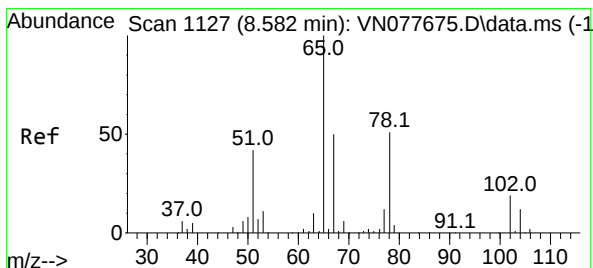
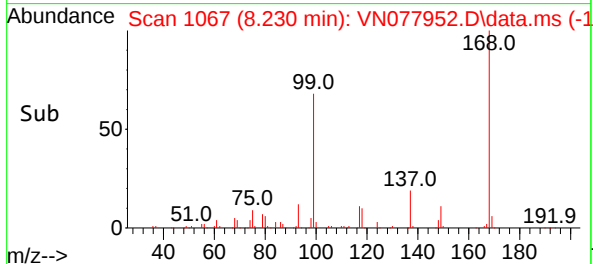
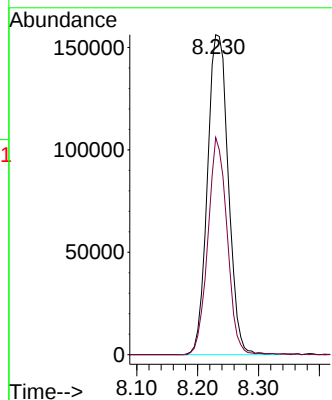
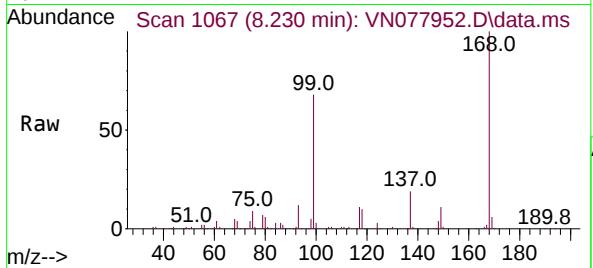




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

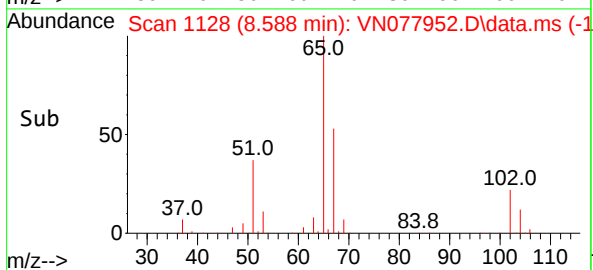
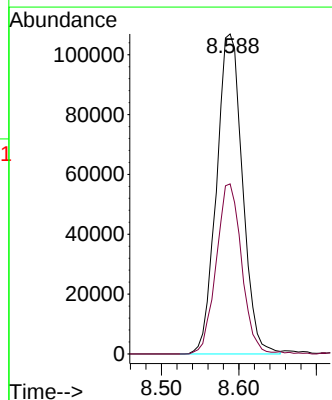
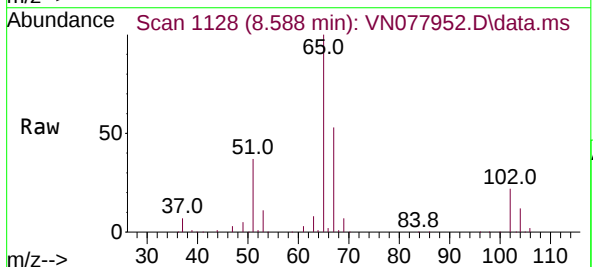
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

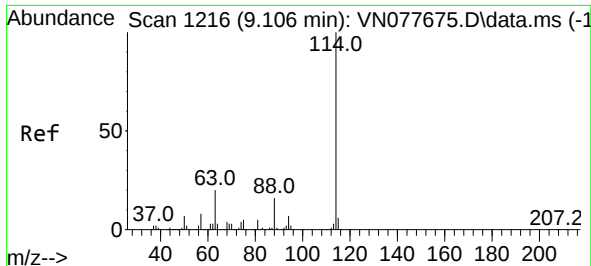
Tgt Ion:168 Resp: 372204
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.773 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion: 65 Resp: 249349
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

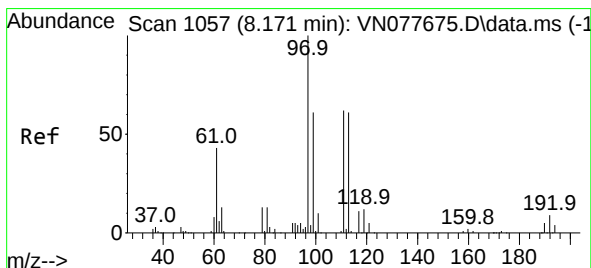
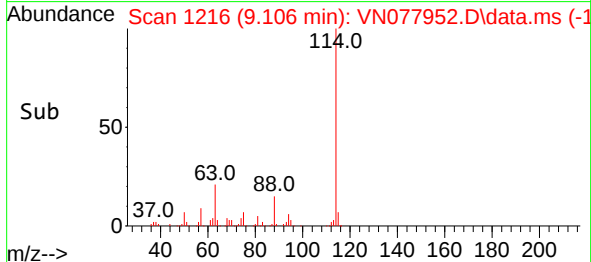
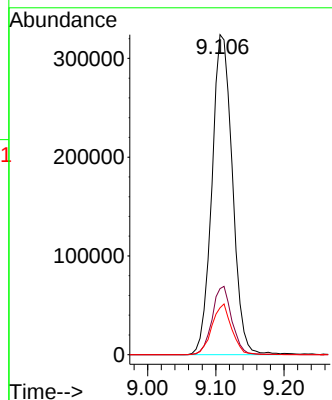
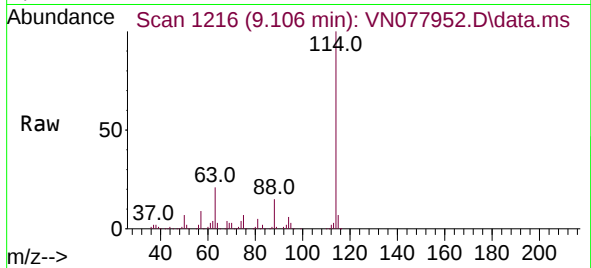




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

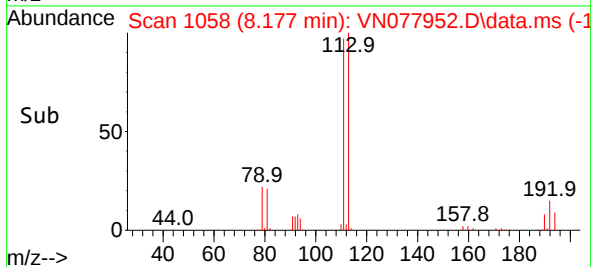
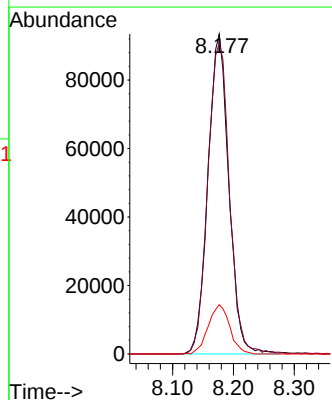
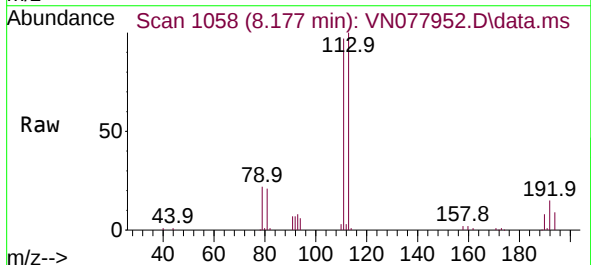
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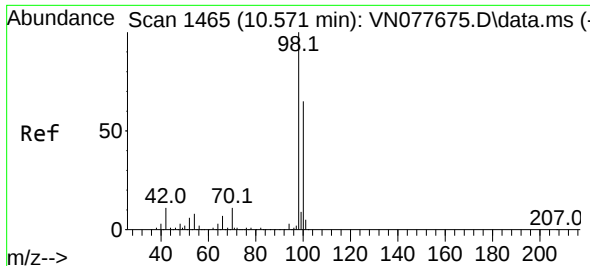
Tgt Ion:114 Resp: 677772
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.443 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion:113 Resp: 222941
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 15.8 12.7 19.1

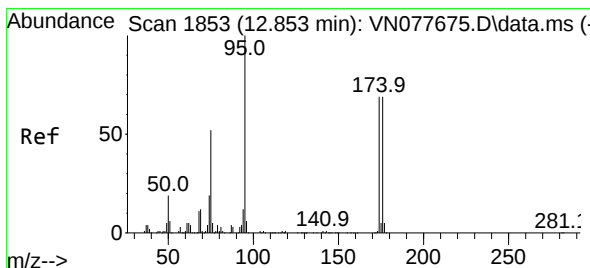
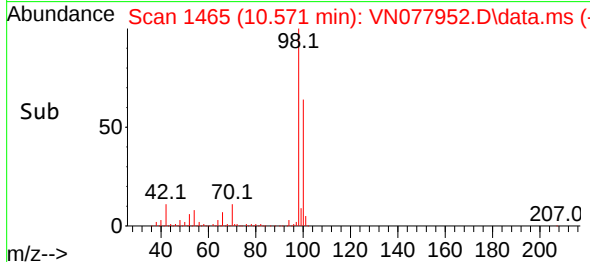
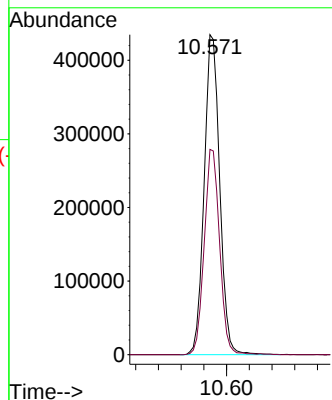
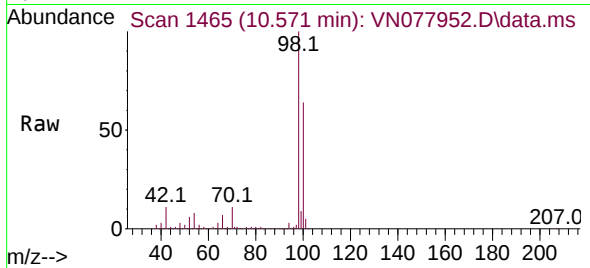




#50
Toluene-d8
Concen: 48.330 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

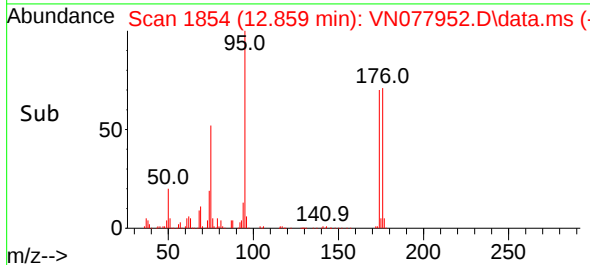
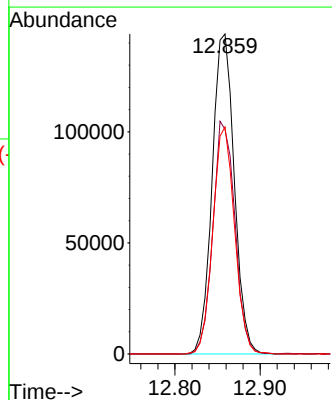
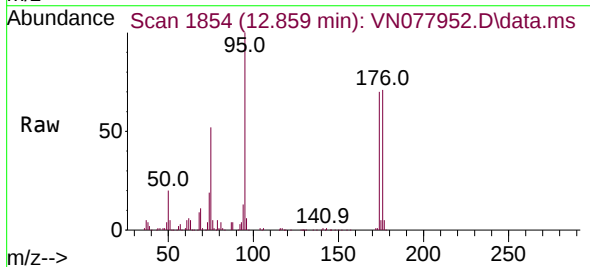
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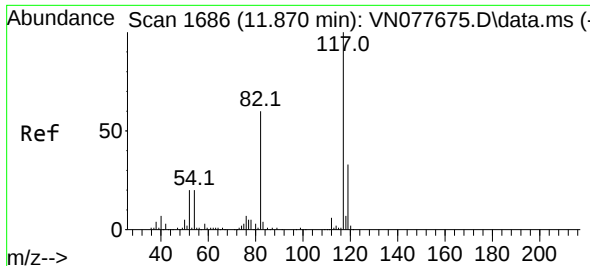
Tgt Ion: 98 Resp: 822174
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.207 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion: 95 Resp: 259595
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.0 0.0 135.8

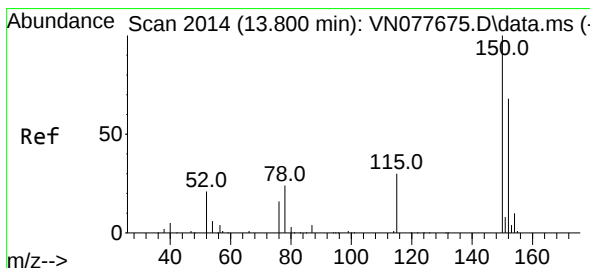
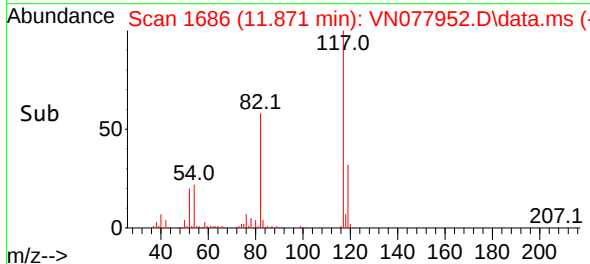
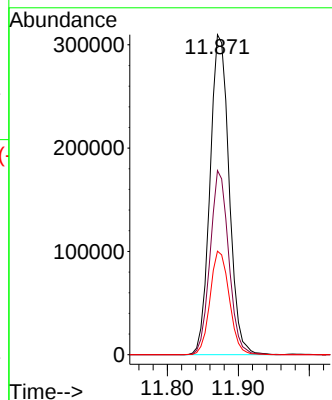
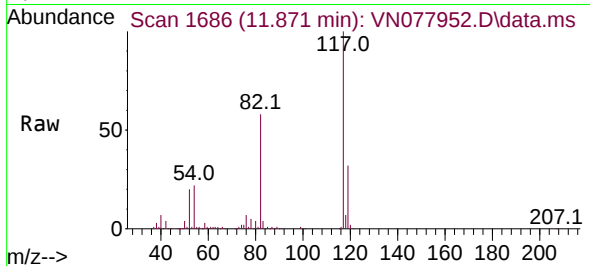




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

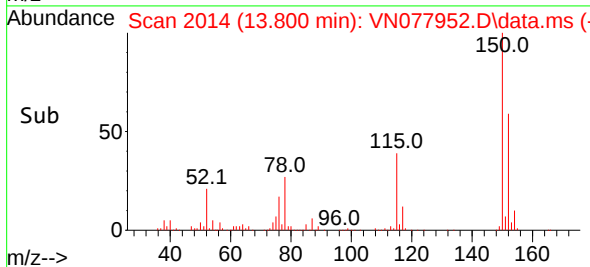
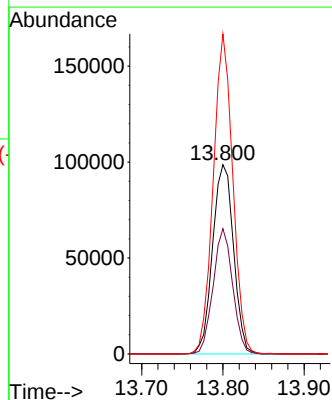
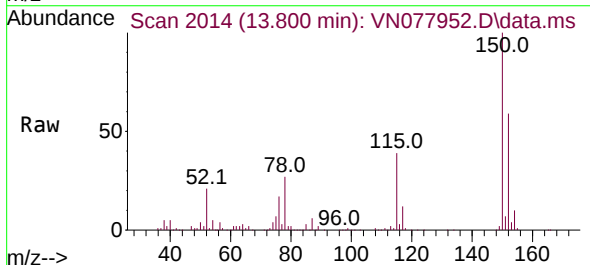
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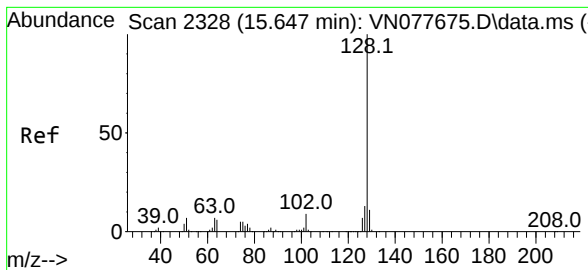
Tgt Ion:117 Resp: 577041
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077952.D
Acq: 27 May 2023 03:15

Tgt Ion:152 Resp: 176971
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.5 0.0 355.8





#95
 Naphthalene
 Concen: 1.300 ug/l
 RT: 15.653 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077952.D
 Acq: 27 May 2023 03:15

Instrument :
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 ClientSampleId :
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Tgt Ion:	128	Resp:	15732
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	12.0	8.7	13.1

