

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077928.D
 Acq On : 26 May 2023 15:29
 Operator : JC\MD
 Sample : 02955-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 29 00:29:45 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	8.235	168	396290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	716574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	617032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272983	46.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.171	113	231566	49.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	10.576	98	890431	49.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.859	95	291327	45.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%

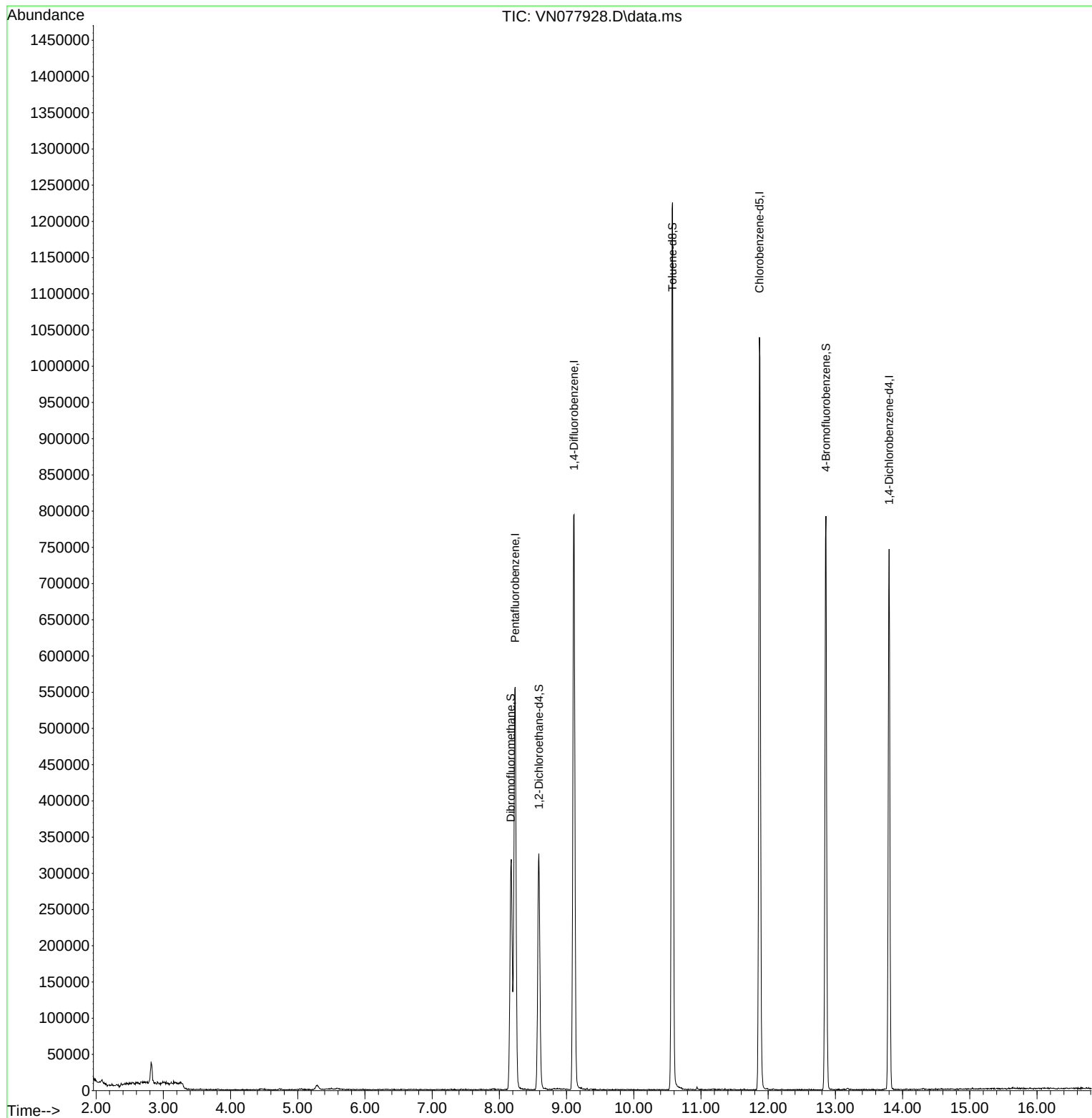
Target Compounds	Qvalue

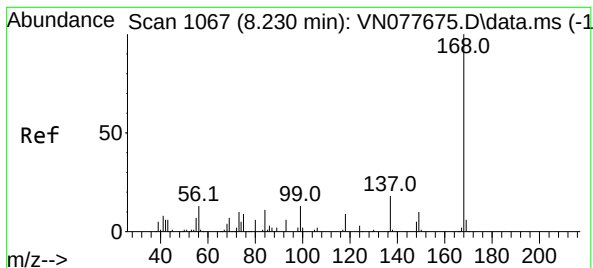
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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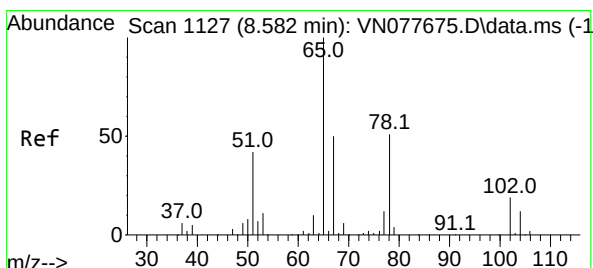
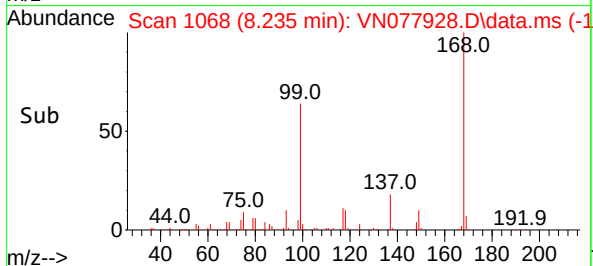
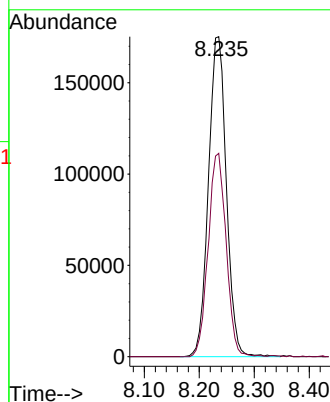
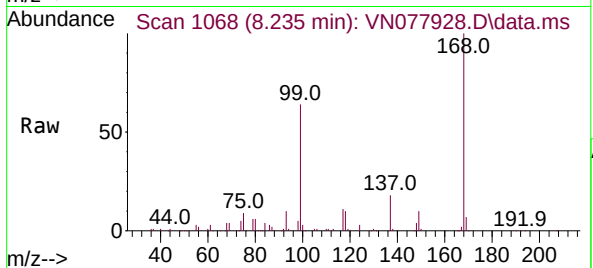




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

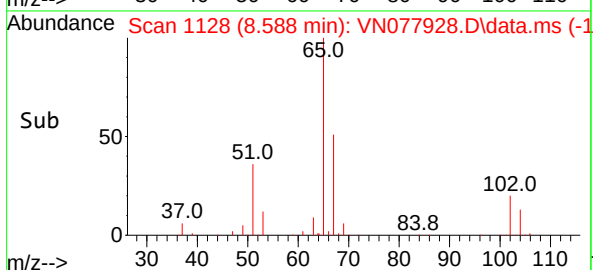
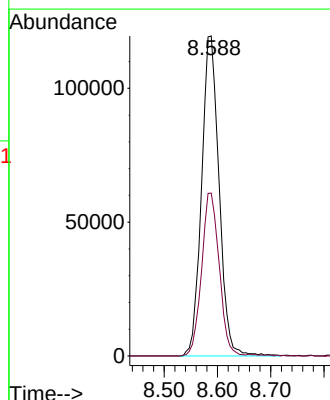
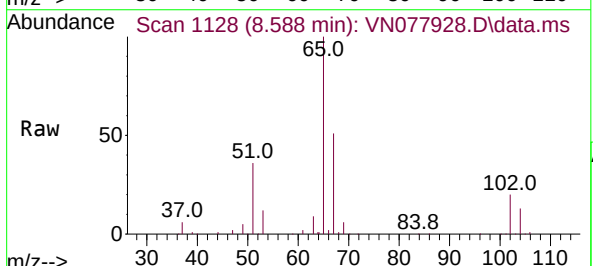
Instrument :
MSVOA_N
ClientSampleId :
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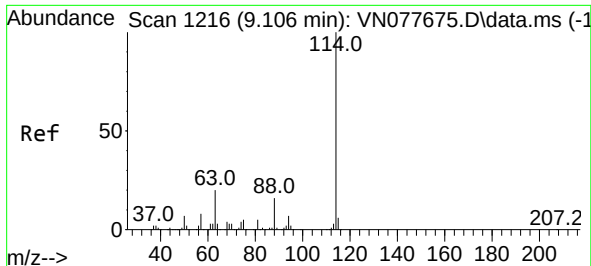
Tgt Ion:168 Resp: 396290
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.038 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

Tgt Ion: 65 Resp: 272983
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6

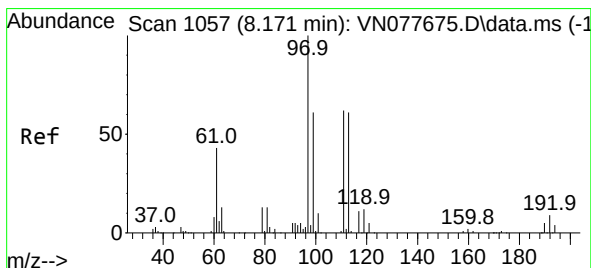
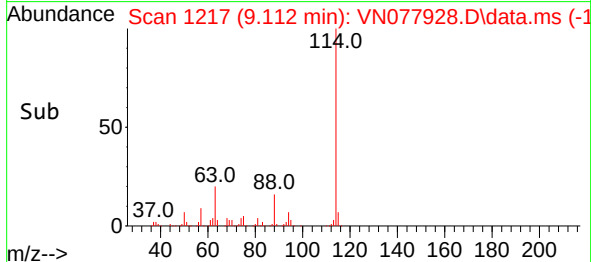
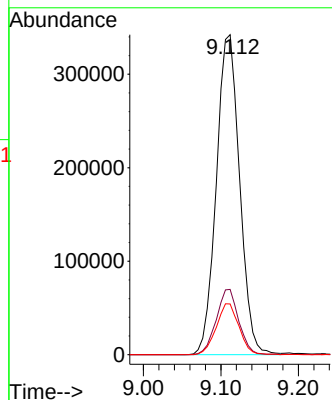
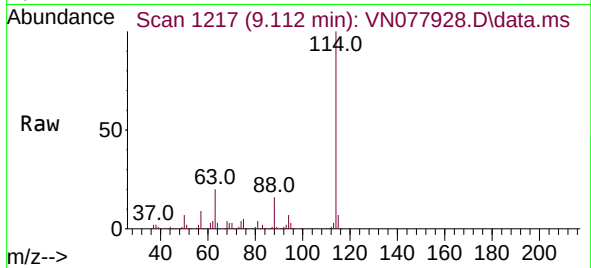




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

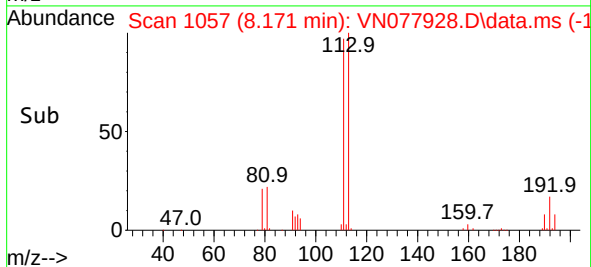
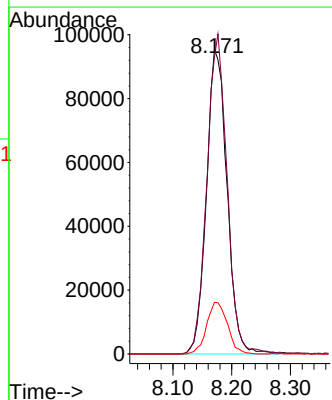
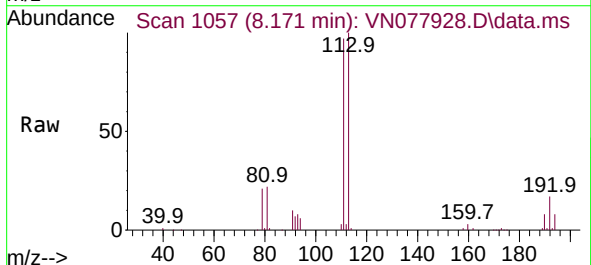
Instrument :
MSVOA_N
ClientSampleId :
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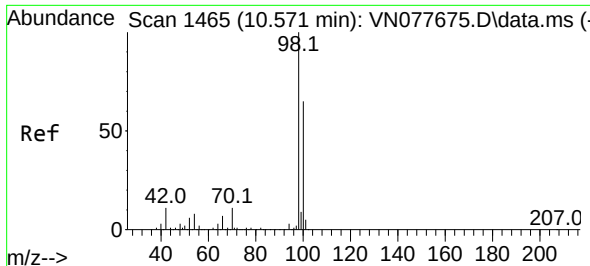
Tgt Ion:114 Resp: 716574
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

Tgt Ion:113 Resp: 231566
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.2 12.7 19.1

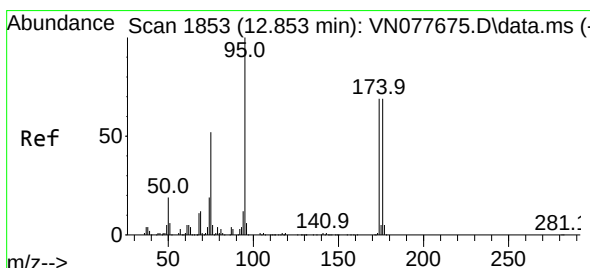
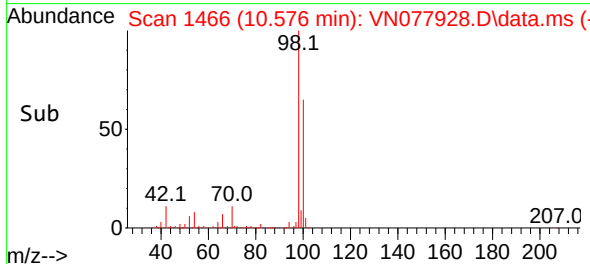
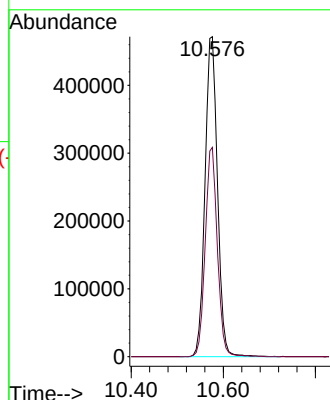
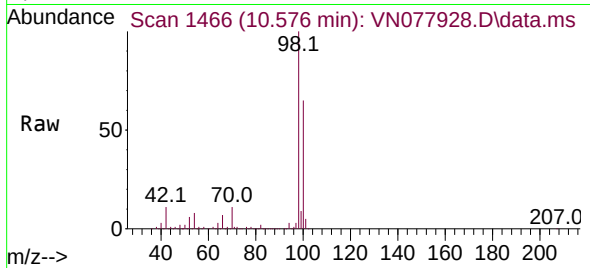




#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

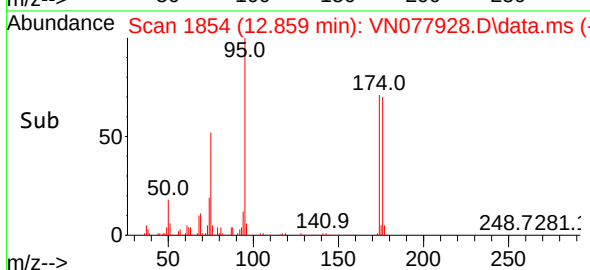
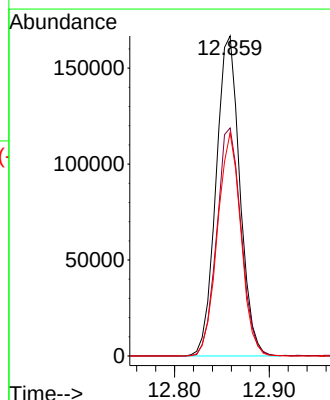
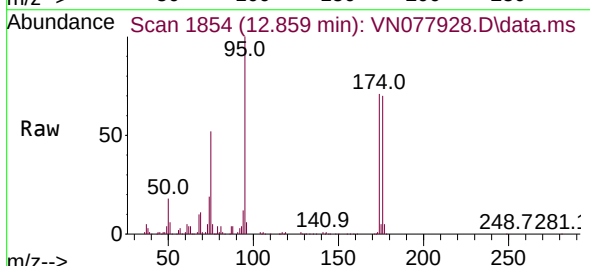
Instrument :
MSVOA_N
ClientSampleId :
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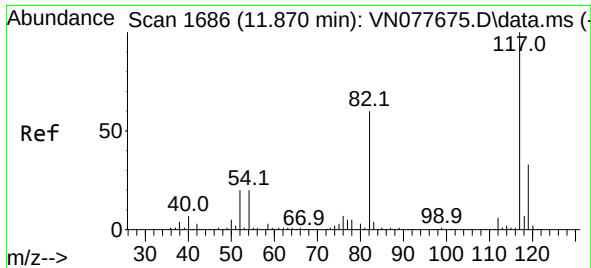
Tgt Ion: 98 Resp: 890431
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.863 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

Tgt Ion: 95 Resp: 291327
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 68.7 0.0 135.8

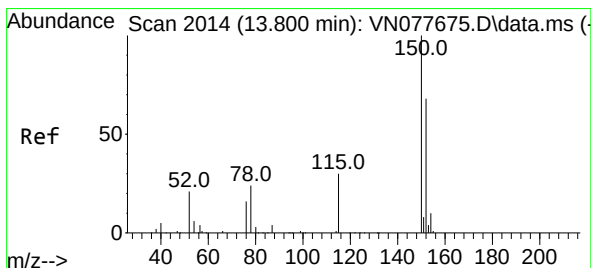
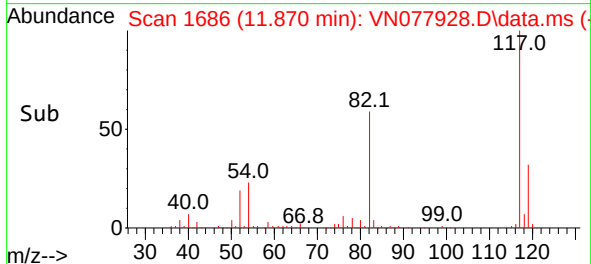
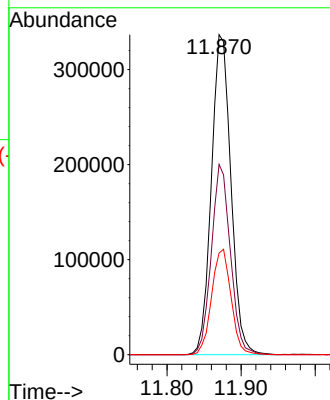
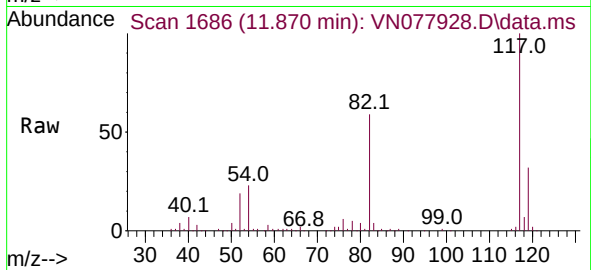




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077928.D
Acq: 26 May 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 617032
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.8 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: VN077928.D
Acq: 26 May 2023 15:29

Tgt Ion:152 Resp: 200335
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.8 0.0 355.8

