

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077546.D
 Acq On : 01 May 2023 16:48
 Operator : JC\MD
 Sample : 02547-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20230426

Quant Time: May 01 22:04:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	613033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1138747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	996960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	351564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	400358	50.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.100%
35) Dibromofluoromethane	8.172	113	354865	51.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	10.566	98	1361815	51.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.854	95	422901	49.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%

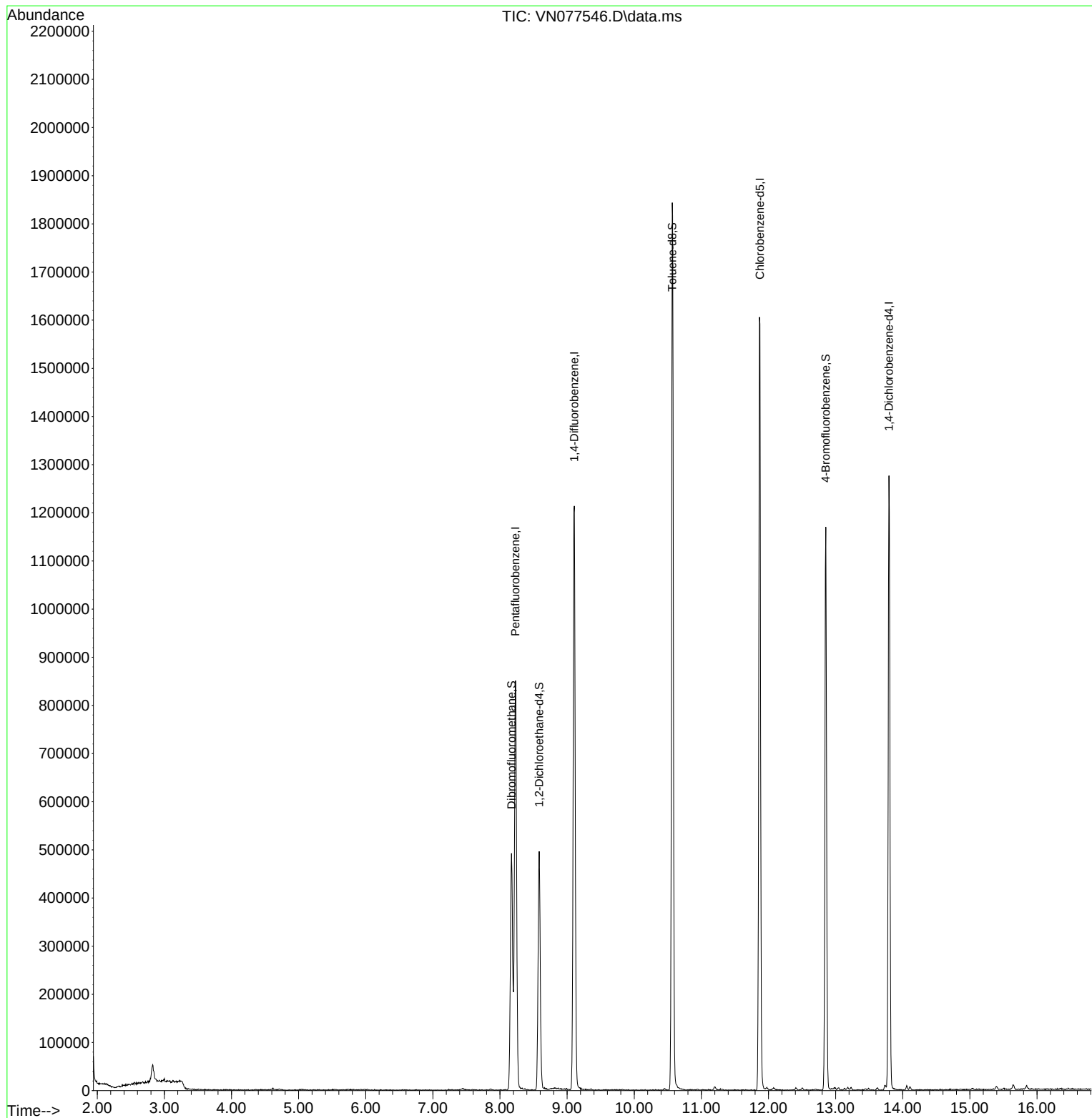
Target Compounds	Qvalue

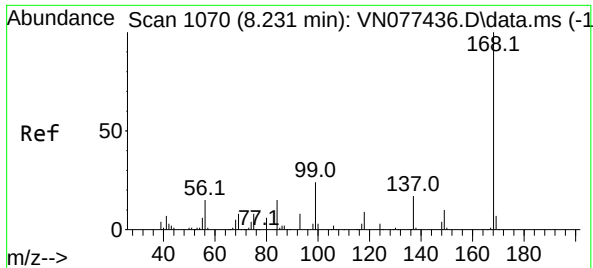
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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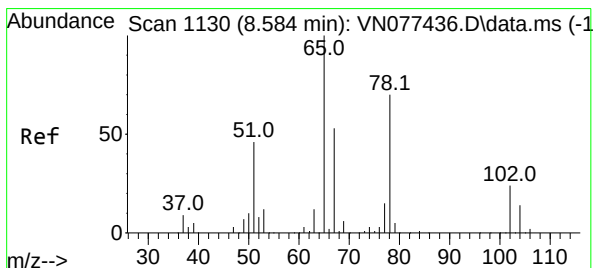
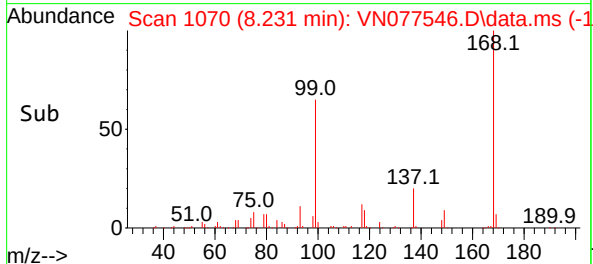
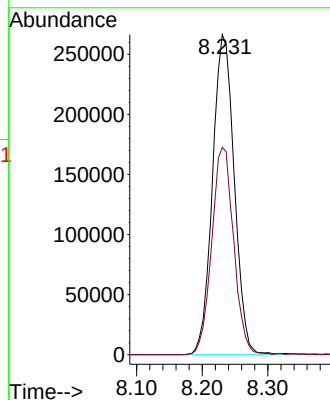
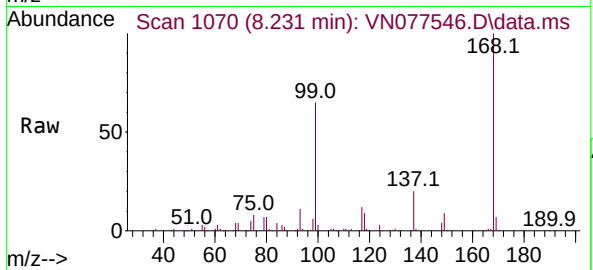




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

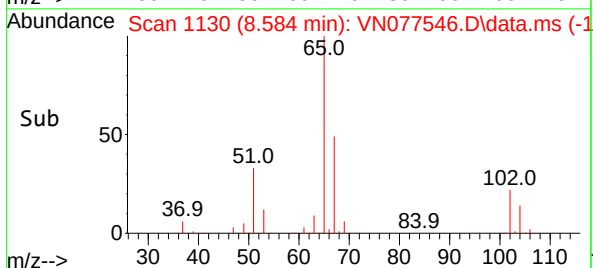
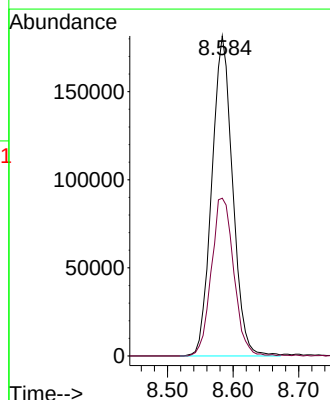
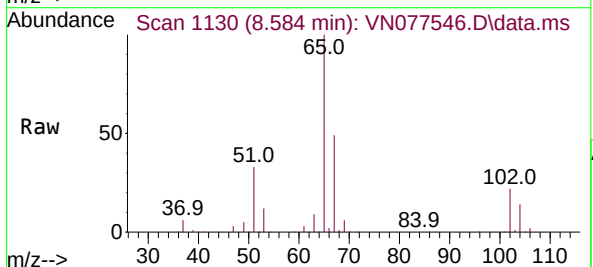
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230426

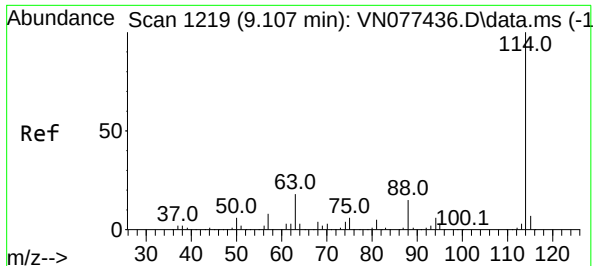
Tgt Ion:168 Resp: 613033
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.049 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

Tgt Ion: 65 Resp: 400358
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

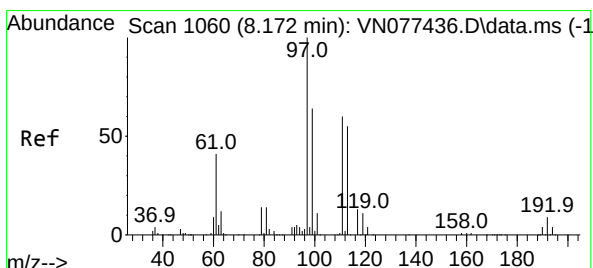
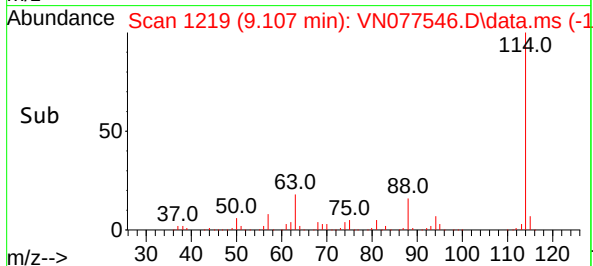
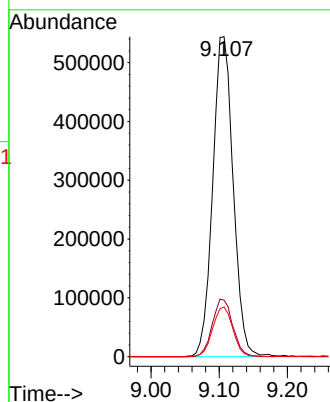
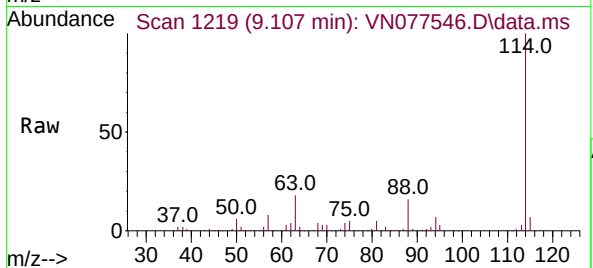




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

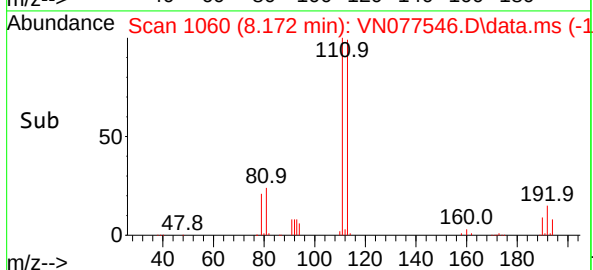
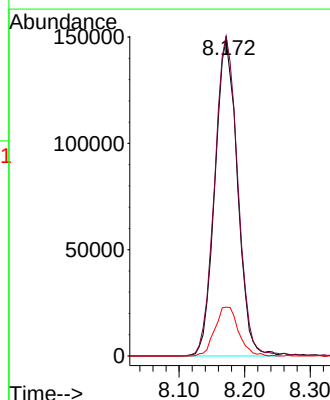
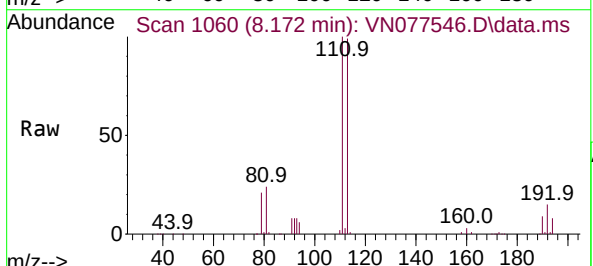
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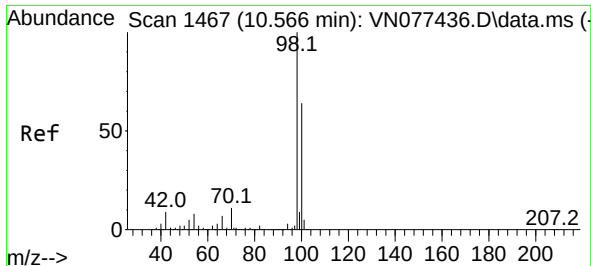
Tgt Ion:114 Resp: 1138747
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.848 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

Tgt Ion:113 Resp: 354865
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 16.2 12.7 19.1

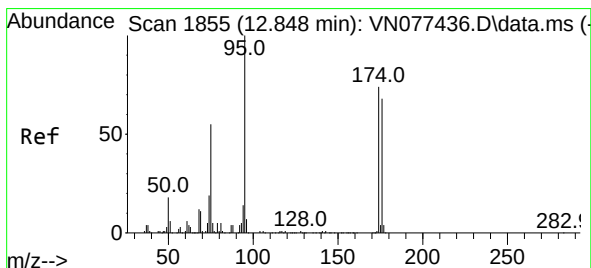
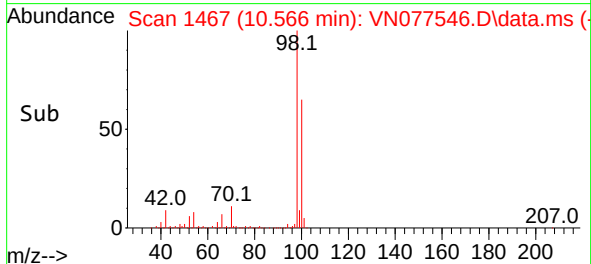
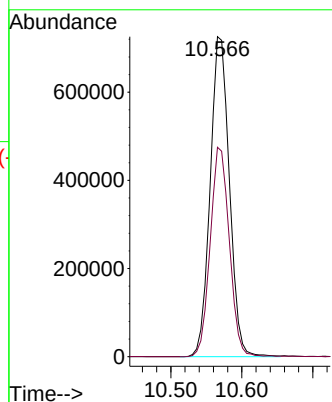
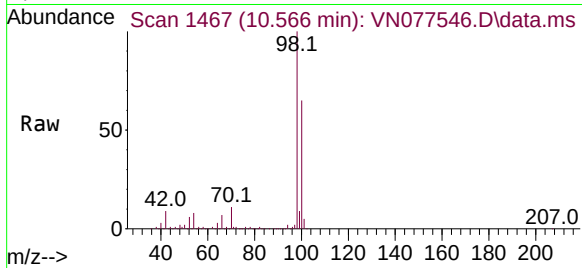




#50
Toluene-d8
Concen: 51.915 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

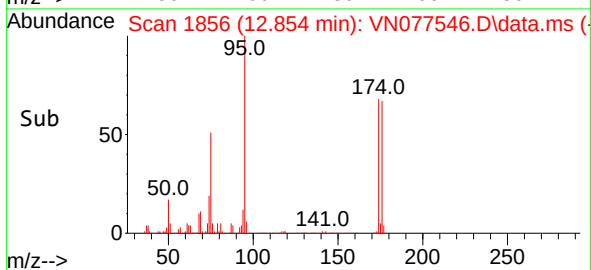
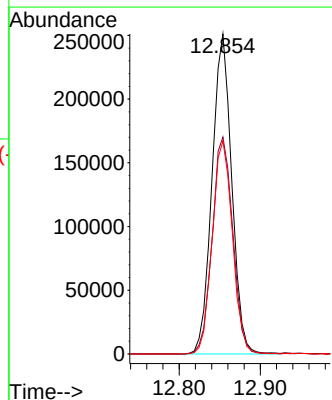
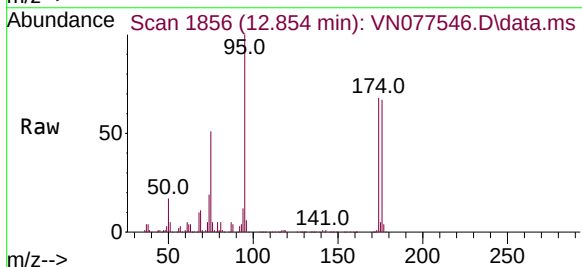
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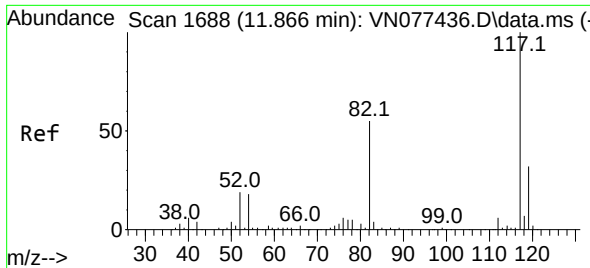
Tgt Ion: 98 Resp: 1361815
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.276 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

Tgt Ion: 95 Resp: 422901
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 68.2 0.0 135.8

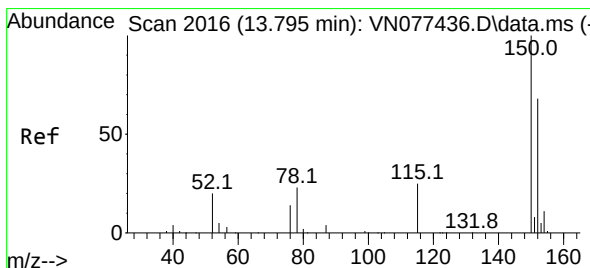
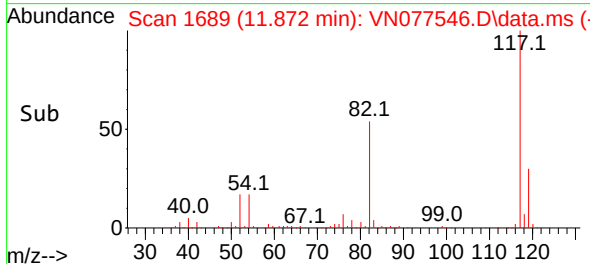
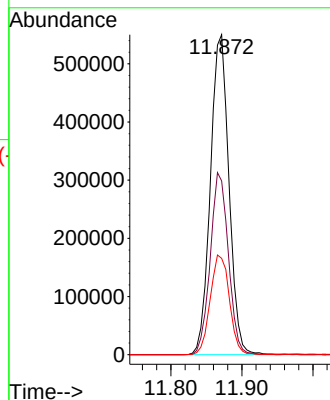
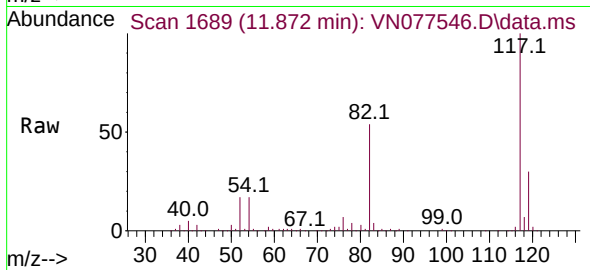




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230426

Tgt Ion:117 Resp: 996960
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 30.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077546.D
Acq: 01 May 2023 16:48

Tgt Ion:152 Resp: 351564
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 157.4 0.0 355.8

