

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077098.D
 Acq On : 22 Mar 2023 11:04
 Operator : JC\MD
 Sample : VN0322WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBL01

Quant Time: Mar 22 23:19:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	357760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	667956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	581936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	224342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	294404	51.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.040%
35) Dibromofluoromethane	8.172	113	213244	45.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	10.572	98	813981	48.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.854	95	265336	44.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.880%

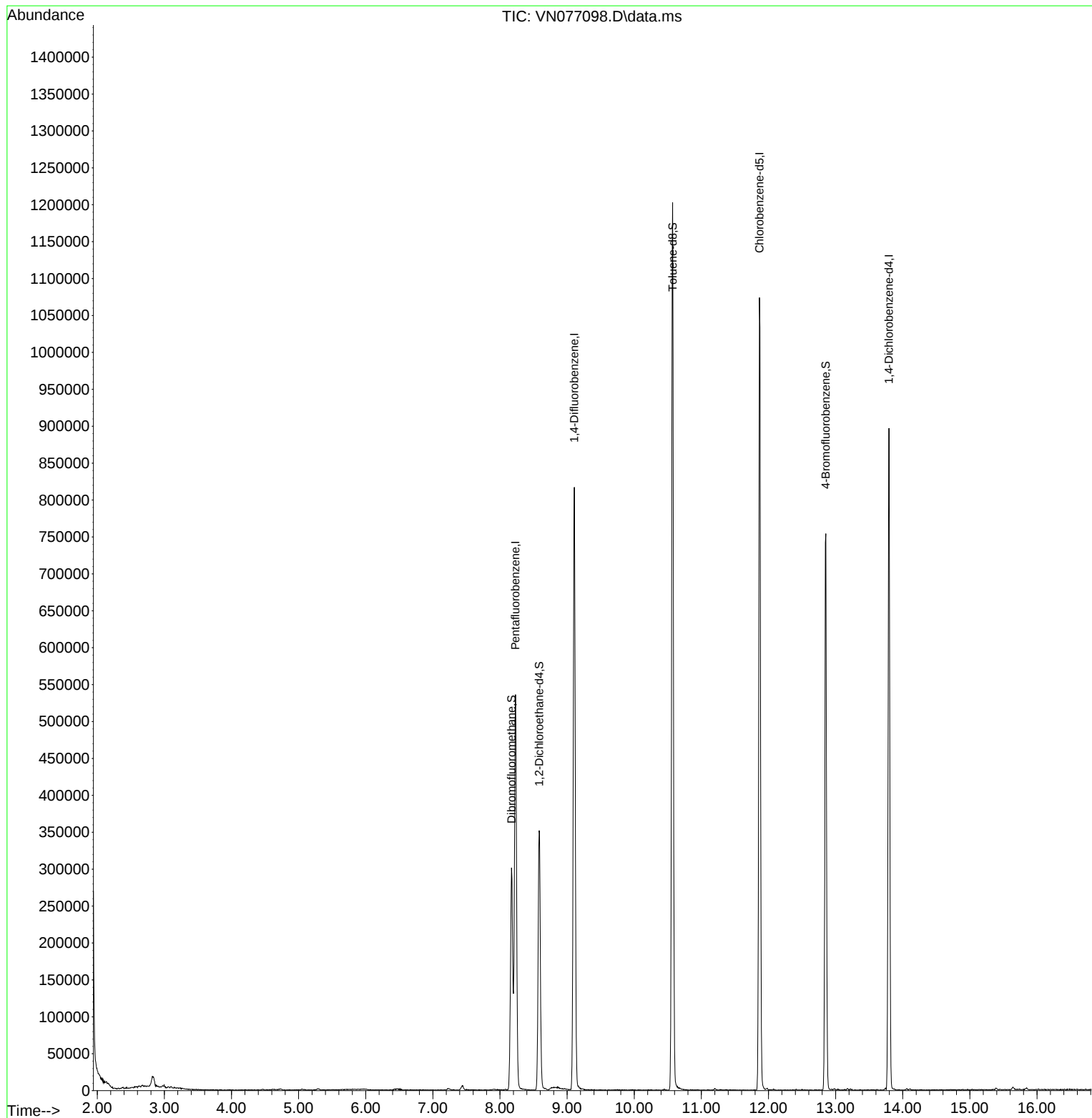
Target Compounds	Qvalue

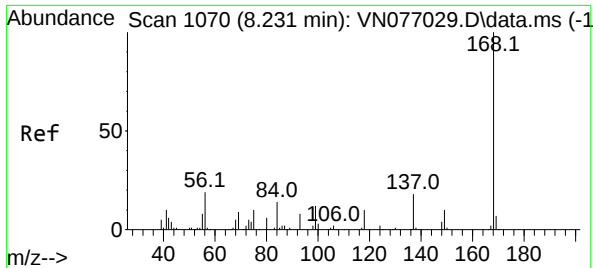
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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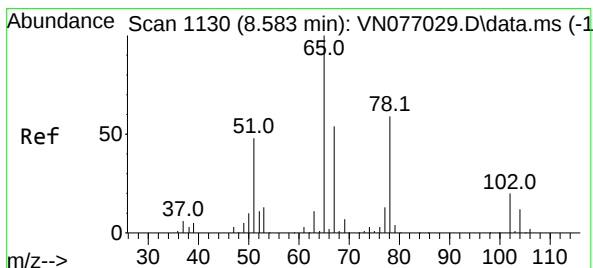
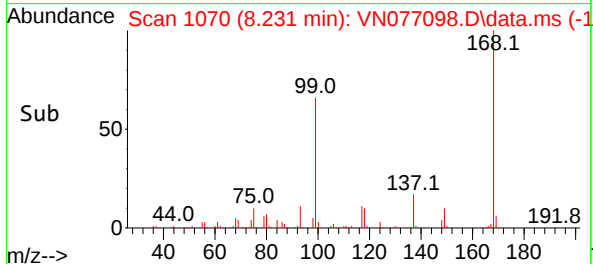
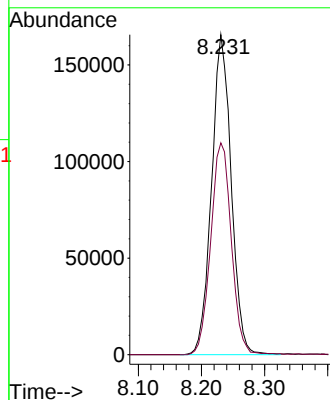
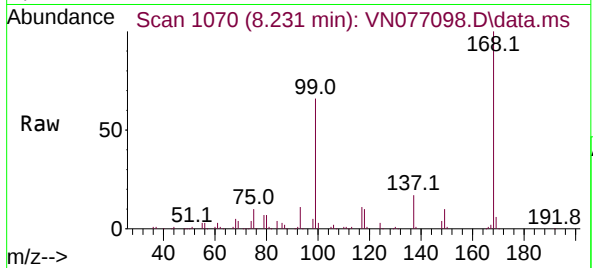




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

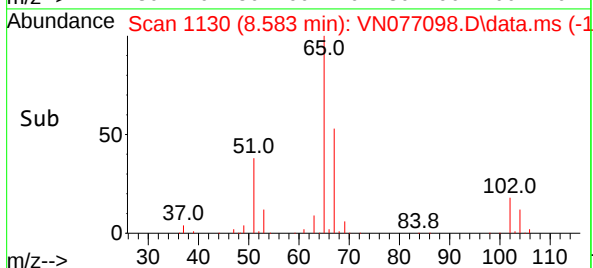
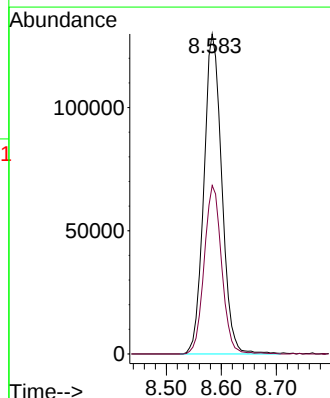
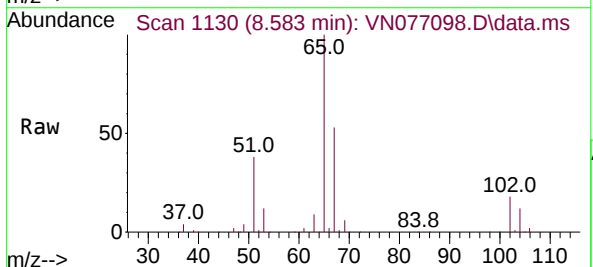
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

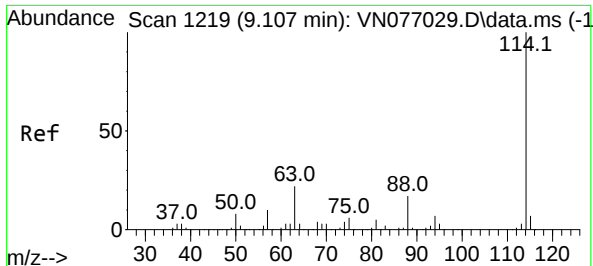
Tgt Ion:168 Resp: 357760
Ion Ratio Lower Upper
168 100
99 66.2 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 51.518 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

Tgt Ion: 65 Resp: 294404
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2

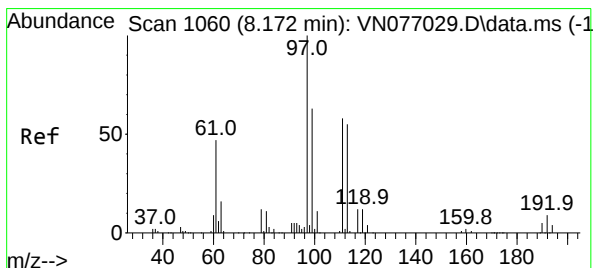
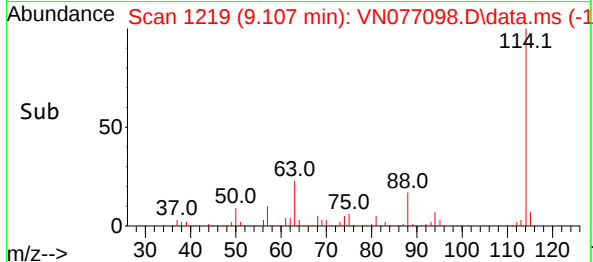
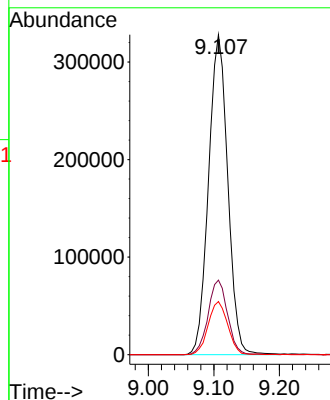
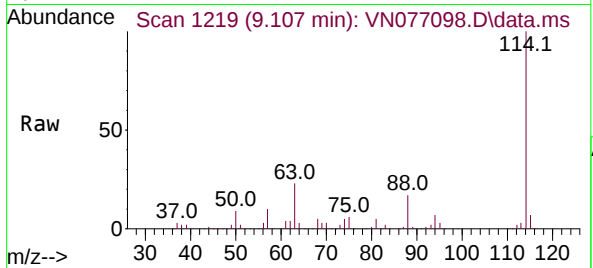




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

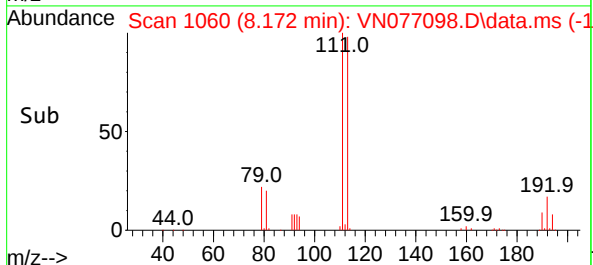
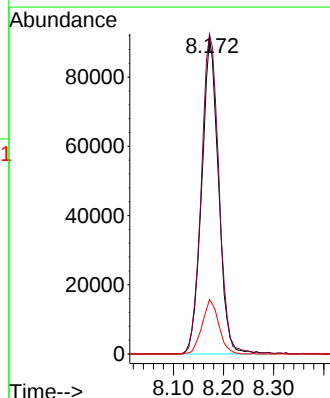
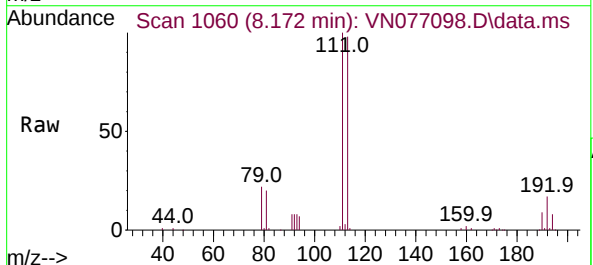
Instrument :
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VN0322WBL01

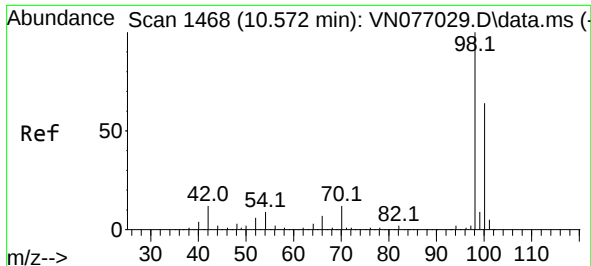
Tgt Ion:114 Resp: 667956
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.587 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

Tgt Ion:113 Resp: 213244
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.2
192 17.0 13.0 19.6

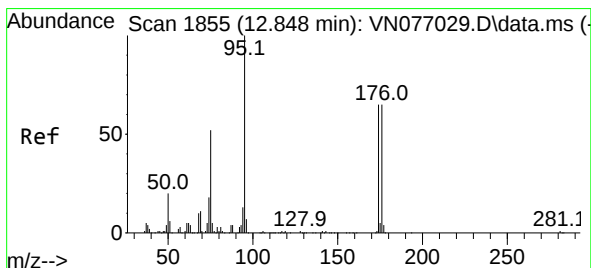
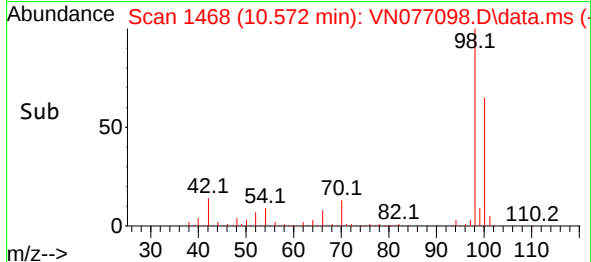
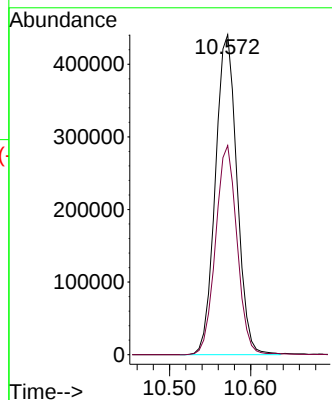
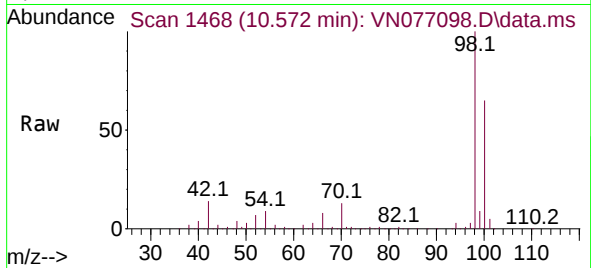




#50
Toluene-d8
Concen: 48.713 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

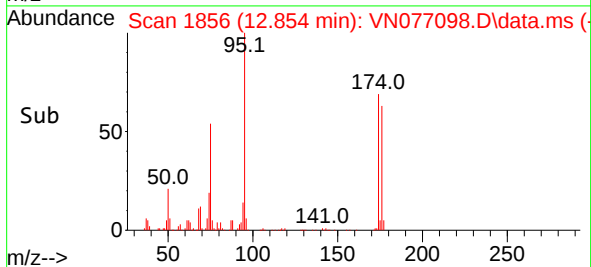
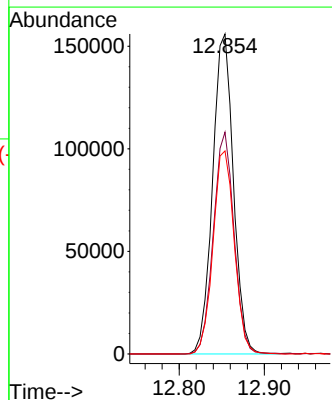
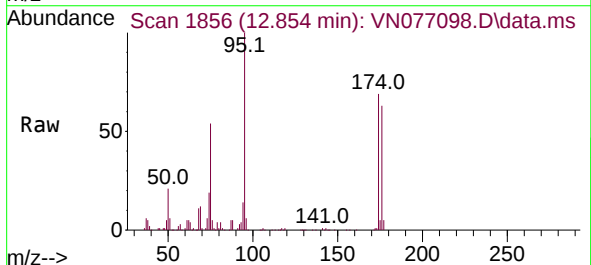
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

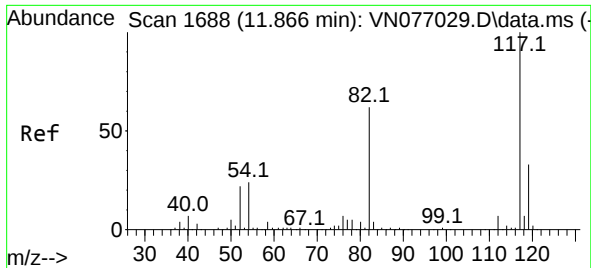
Tgt Ion: 98 Resp: 813981
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.937 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

Tgt Ion: 95 Resp: 265336
Ion Ratio Lower Upper
95 100
174 68.9 0.0 136.6
176 64.7 0.0 130.0

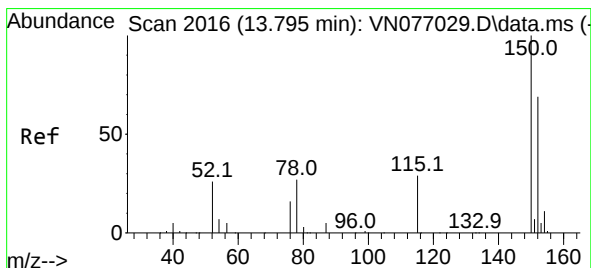
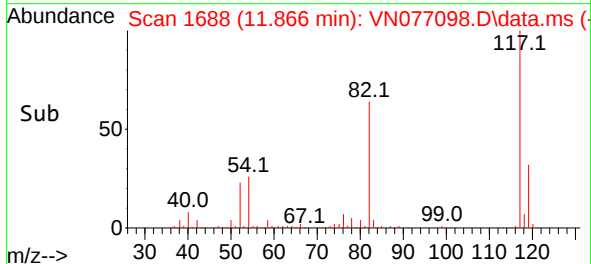
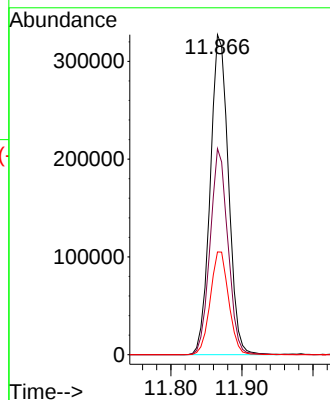
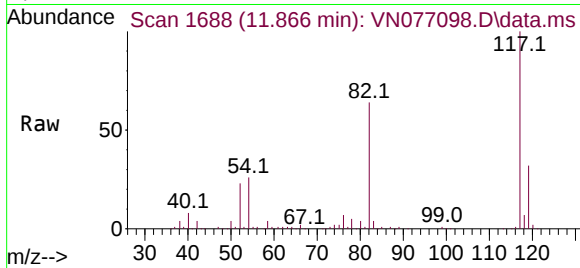




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

Tgt Ion:117 Resp: 581936
Ion Ratio Lower Upper
117 100
82 64.4 49.4 74.0
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077098.D
Acq: 22 Mar 2023 11:04

Tgt Ion:152 Resp: 224342
Ion Ratio Lower Upper
152 100
115 64.8 31.9 95.7
150 158.3 0.0 348.0

