

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068868.D
 Acq On : 12 Oct 2021 17:33
 Operator : JC/MD
 Sample : VN1012WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Quant Time: Oct 13 05:50:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	490631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	806972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	706198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	260239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	301237	46.568	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.140%
35) Dibromofluoromethane	8.021	113	244582	52.094	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.180%
50) Toluene-d8	10.443	98	979552	52.144	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.734	95	341551	48.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.380%

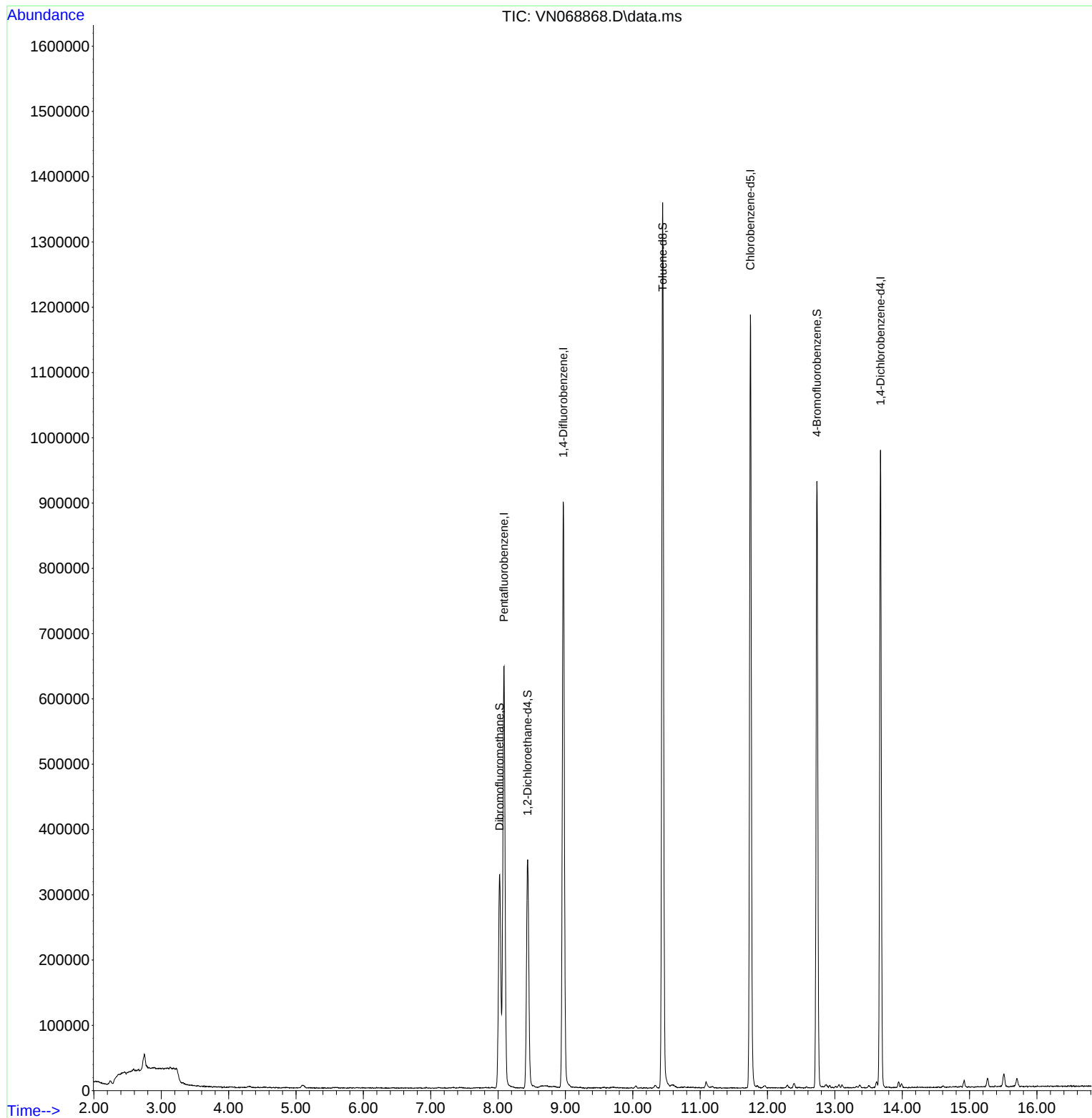
Target Compounds	Qvalue

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

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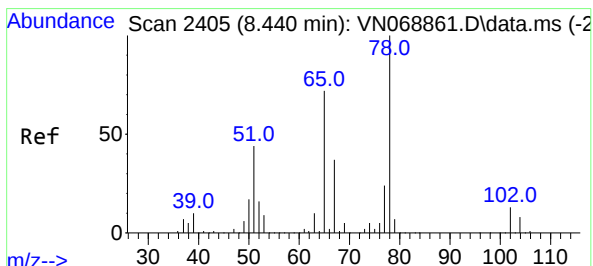
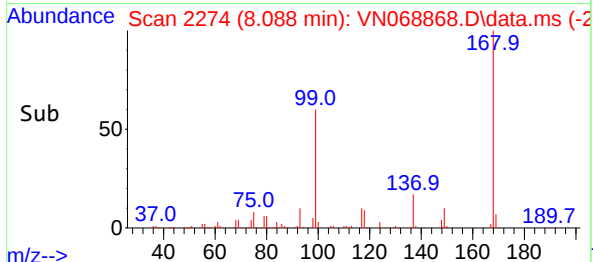
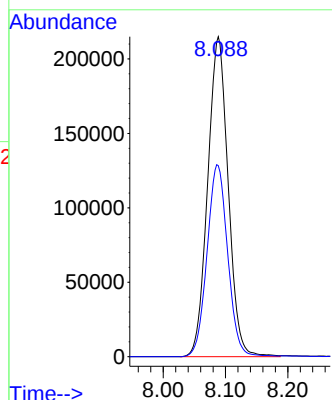
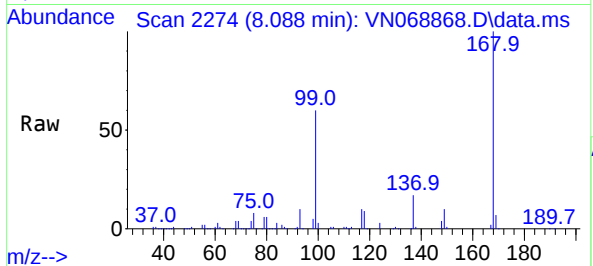




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

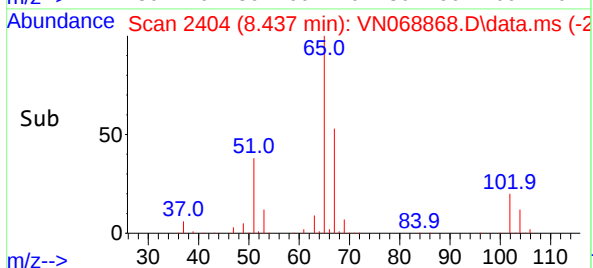
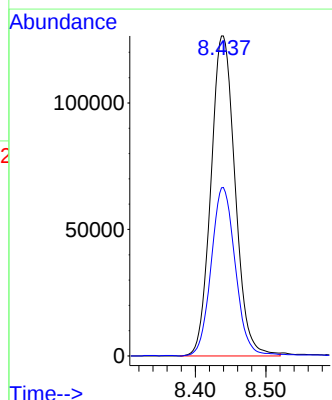
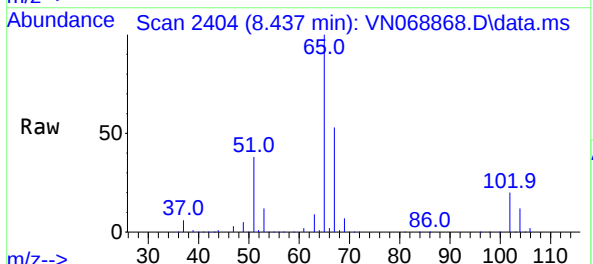
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

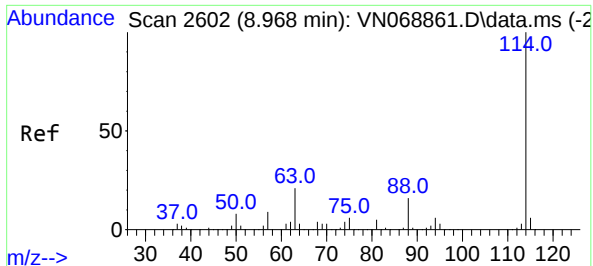
Tgt Ion:168 Resp: 490631
Ion Ratio Lower Upper
168 100
99 59.7 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.568 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.002 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

Tgt Ion: 65 Resp: 301237
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.8

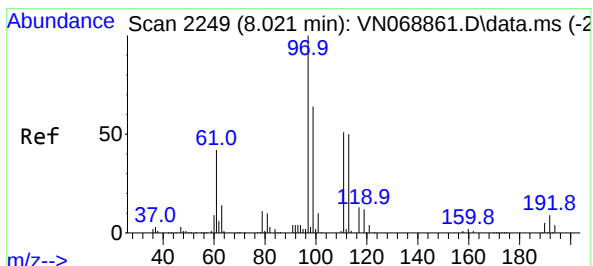
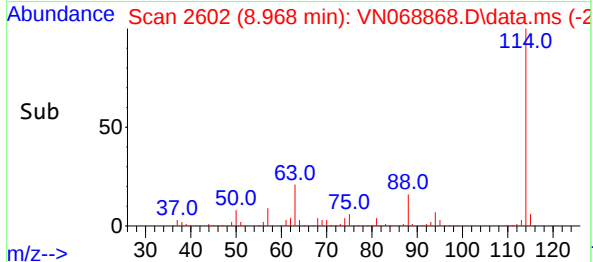
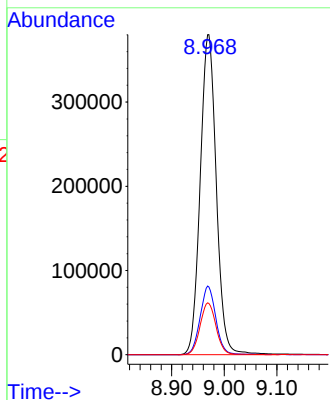
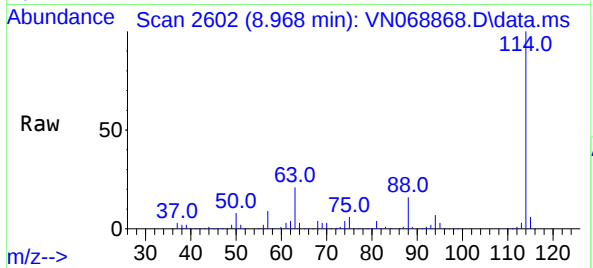




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

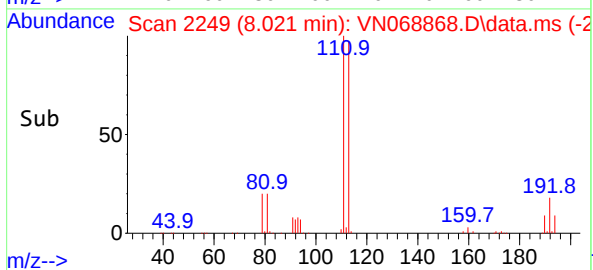
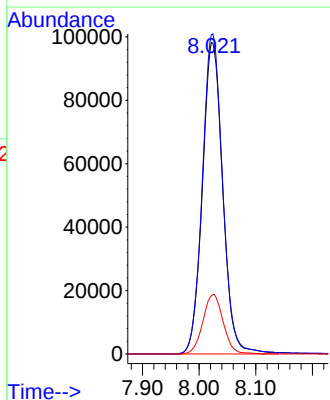
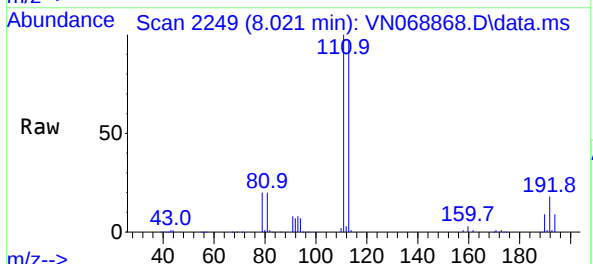
Instrument :
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VN1012WBL01

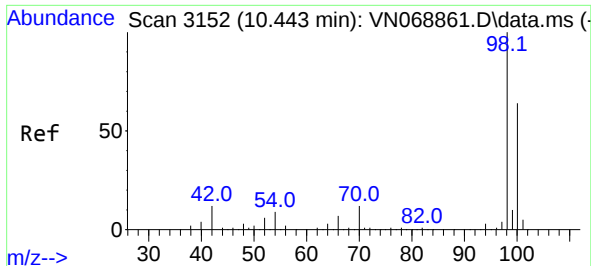
Tgt Ion:114 Resp: 806972
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 52.094 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

Tgt Ion:113 Resp: 244582
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 19.1 15.0 22.4

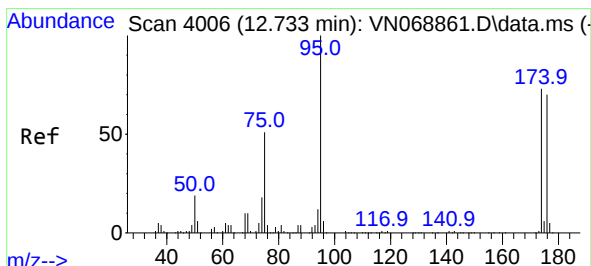
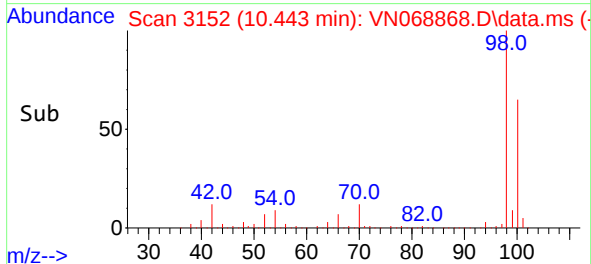
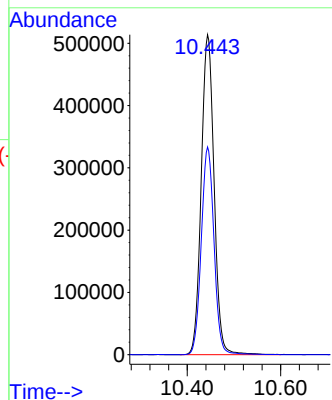
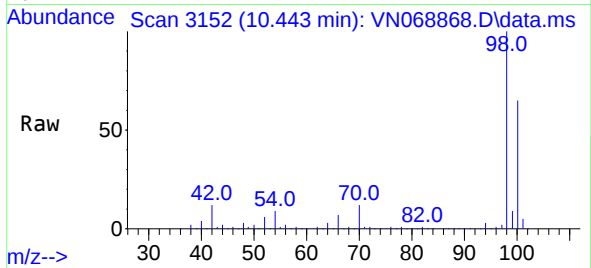




#50
Toluene-d8
Concen: 52.144 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

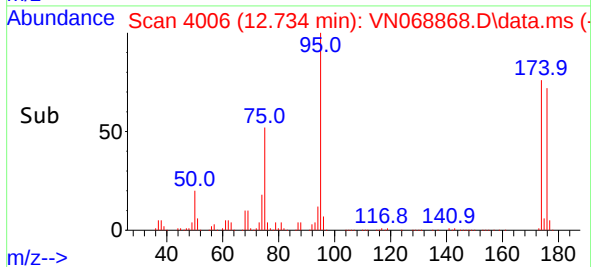
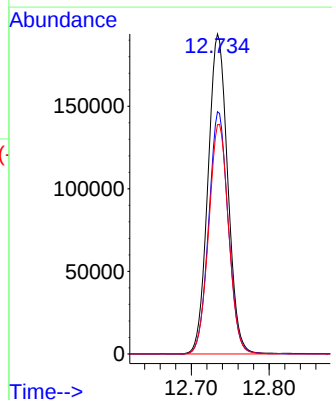
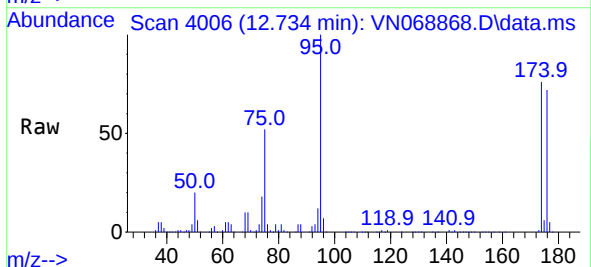
Instrument :
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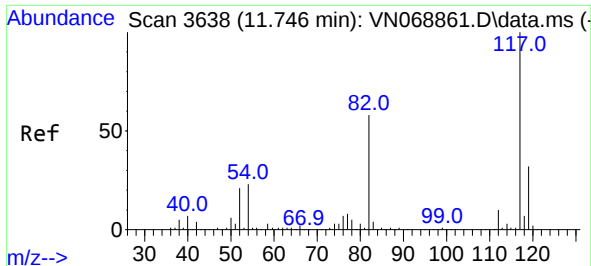
Tgt Ion: 98 Resp: 979552
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.190 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

Tgt Ion: 95 Resp: 341551
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.8
176 72.1 0.0 140.0

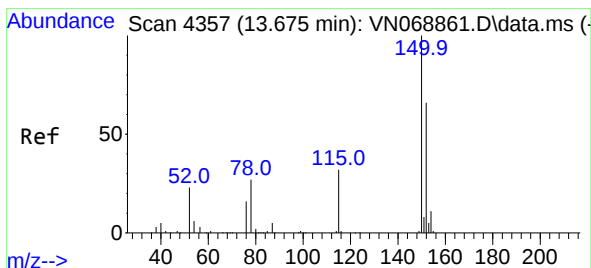
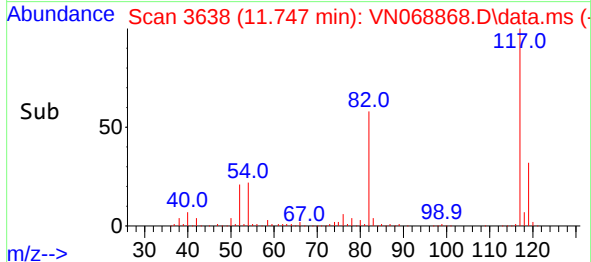
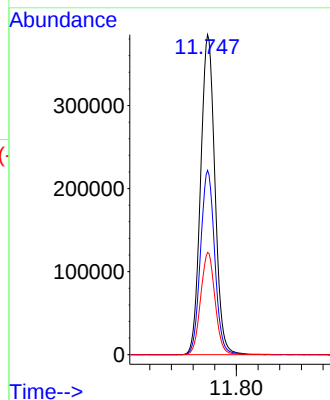
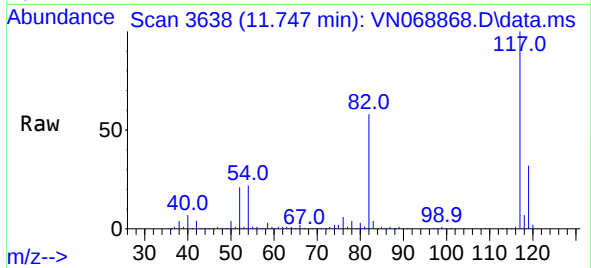




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tgt Ion:117 Resp: 706198
Ion Ratio Lower Upper
117 100
82 57.6 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068868.D
Acq: 12 Oct 2021 17:33

Tgt Ion:152 Resp: 260239
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.3
150 158.3 0.0 351.0

