

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069094.D
 Acq On : 21 Oct 2021 17:43
 Operator : JC/MD
 Sample : M4299-06 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1694-1696

Quant Time: Oct 22 01:34:20 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	336144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	586644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	554112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	223679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	218774	49.363	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.720%
35) Dibromofluoromethane	8.027	113	172527	50.548	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.100%
50) Toluene-d8	10.443	98	732864	53.664	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.734	95	267648	51.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.900%

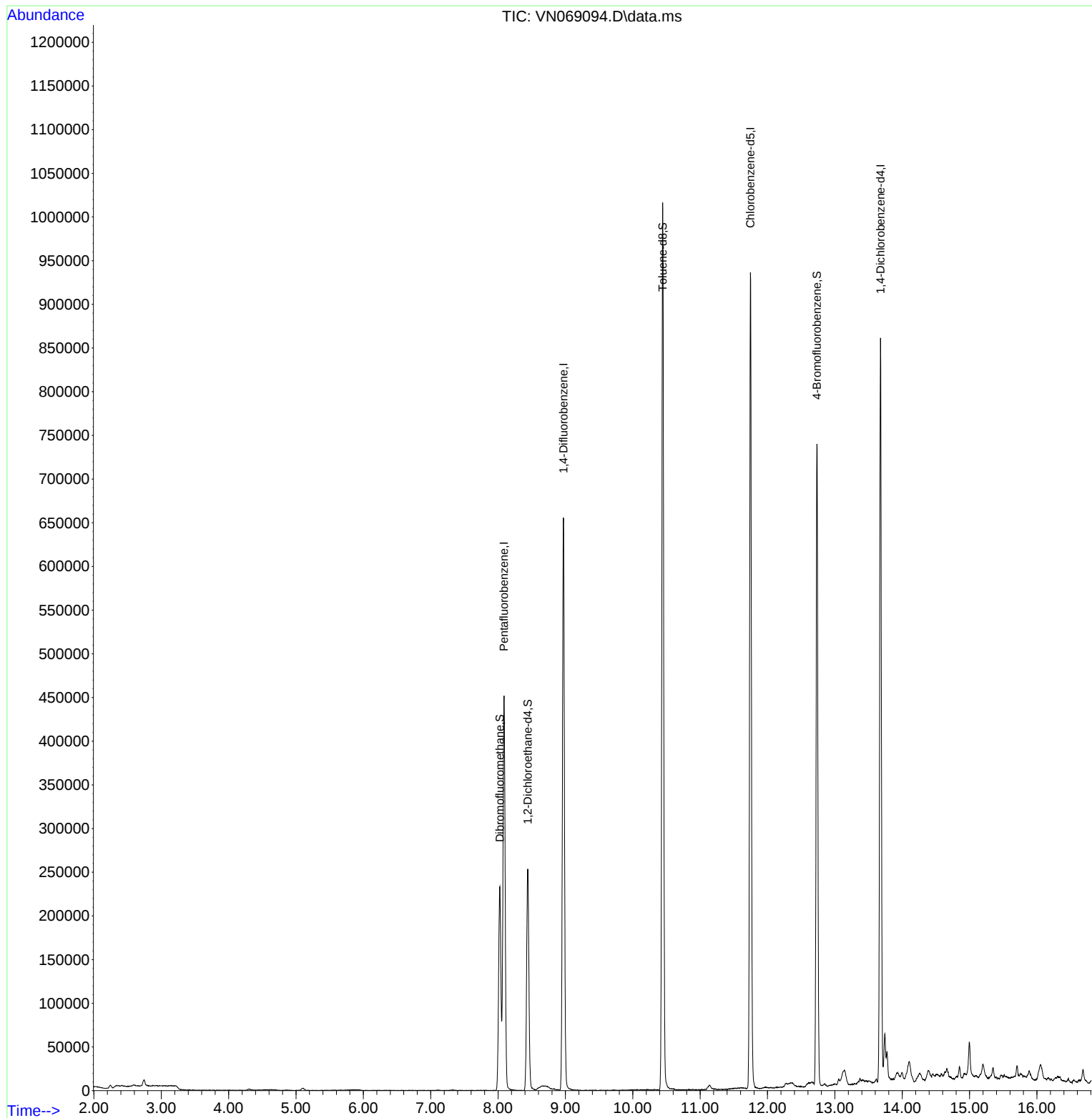
Target Compounds	Qvalue

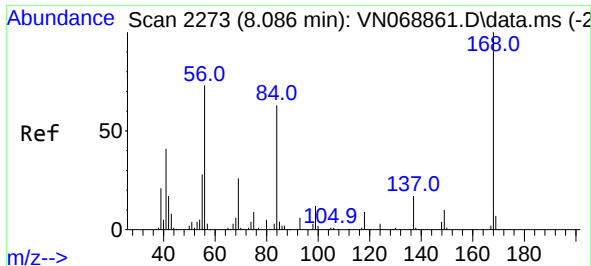
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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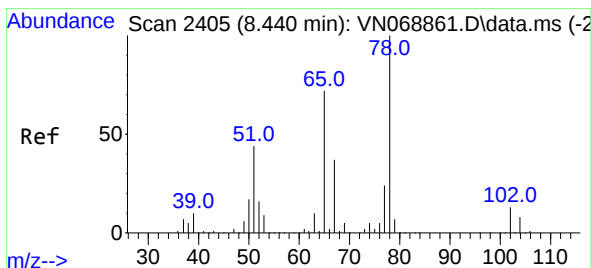
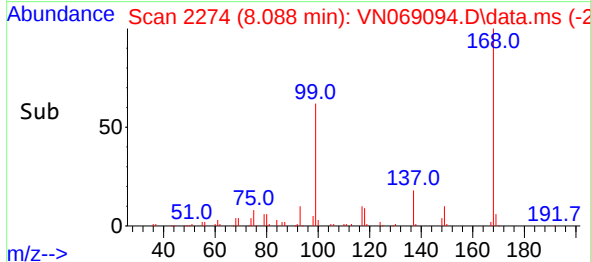
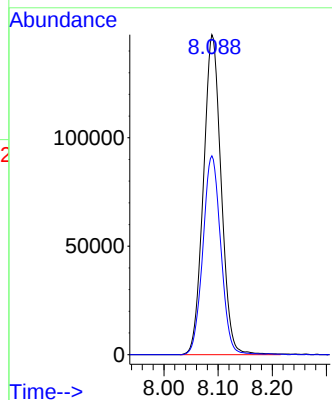
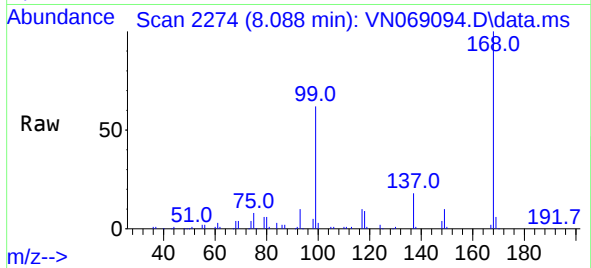




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

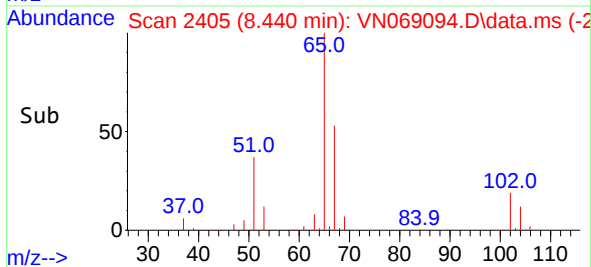
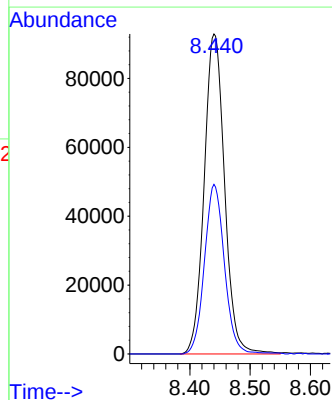
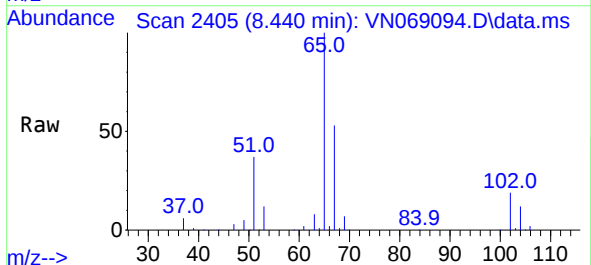
Instrument :
MSVOA_N
ClientSampleId :
1694-1696

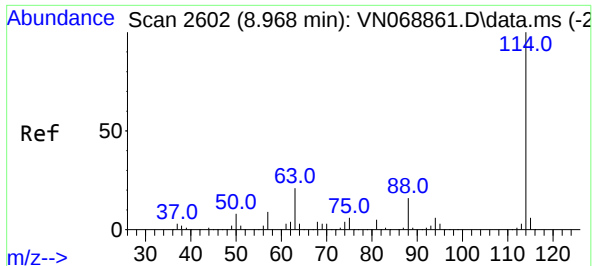
Tgt Ion:168 Resp: 336144
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 49.363 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

Tgt Ion: 65 Resp: 218774
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

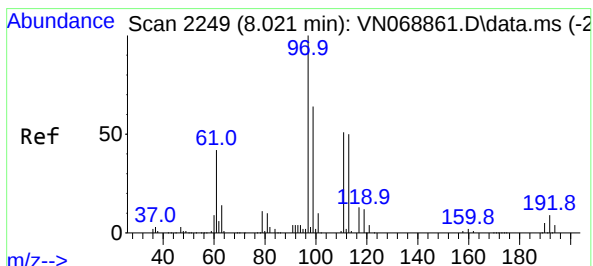
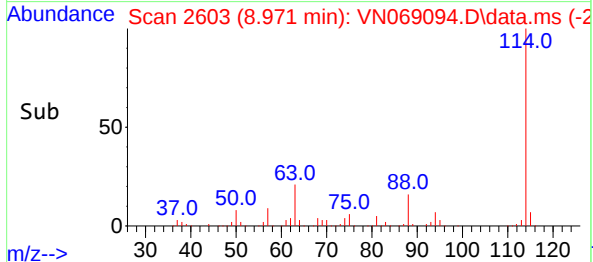
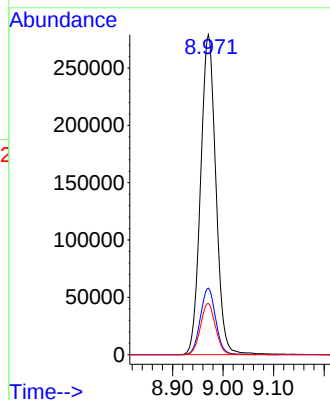
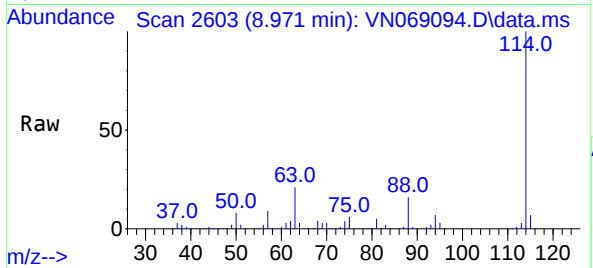




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

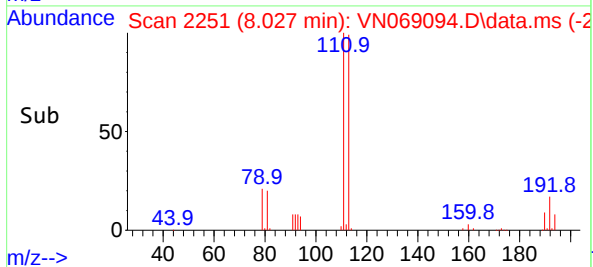
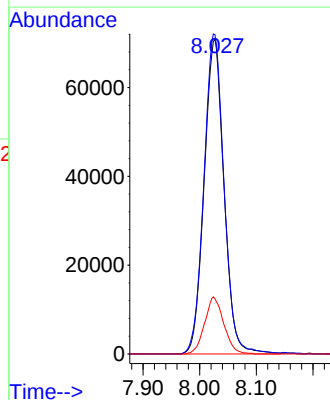
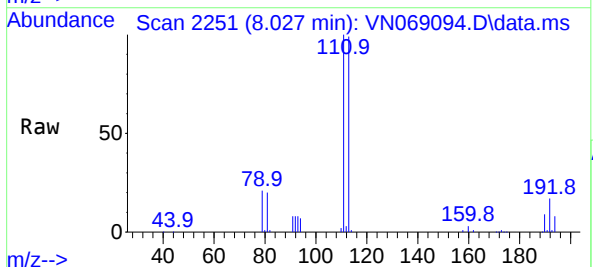
Instrument :
MSVOA_N
ClientSampleId :
1694-1696

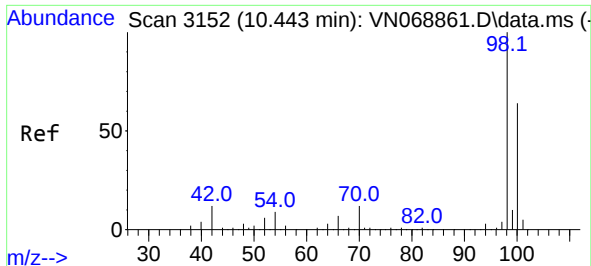
Tgt Ion:114 Resp: 586644
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.548 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

Tgt Ion:113 Resp: 172527
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.5 15.0 22.4

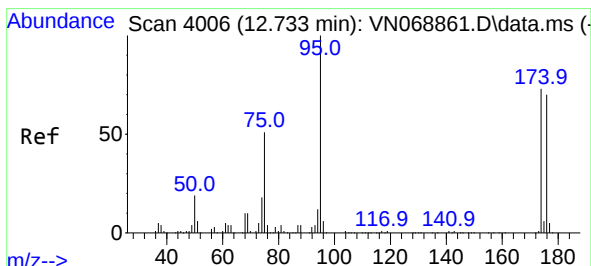
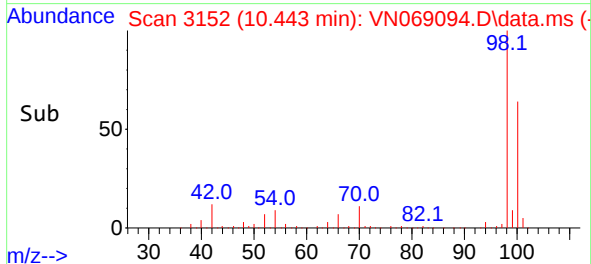
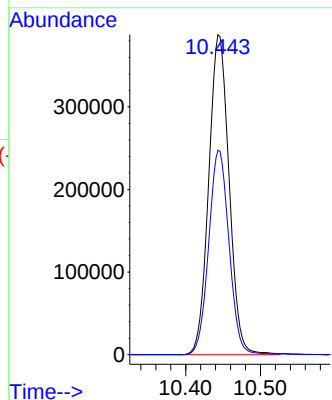
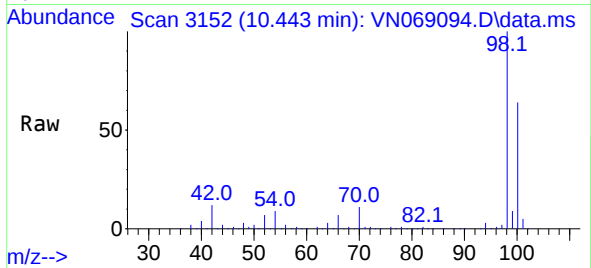




#50
Toluene-d8
Concen: 53.664 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

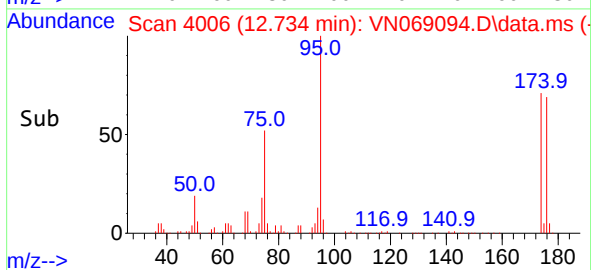
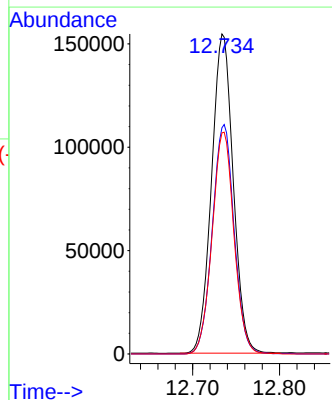
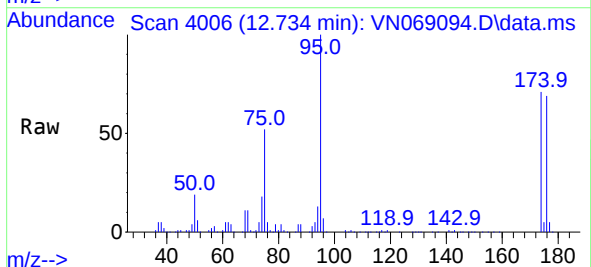
Instrument :
MSVOA_N
ClientSampled :
1694-1696

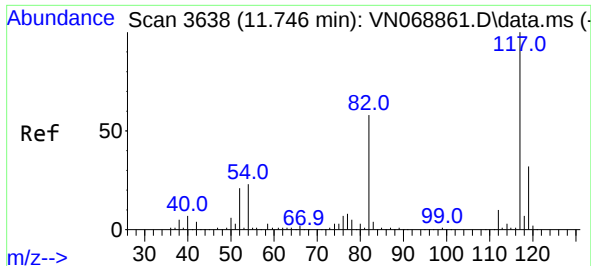
Tgt Ion: 98 Resp: 732864
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.946 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

Tgt Ion: 95 Resp: 267648
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.8
176 70.0 0.0 140.0

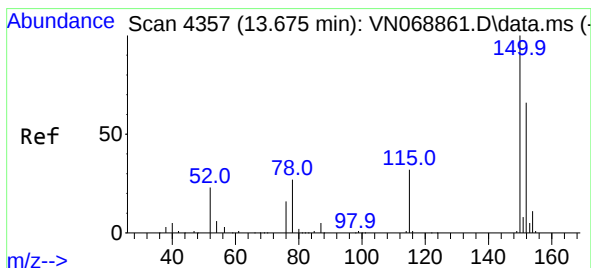
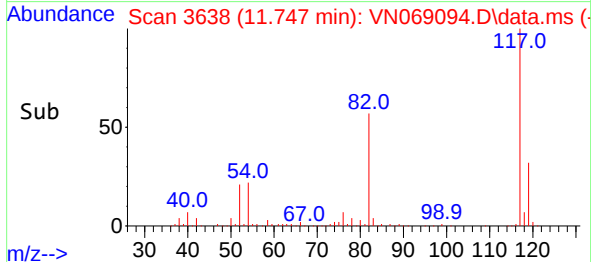
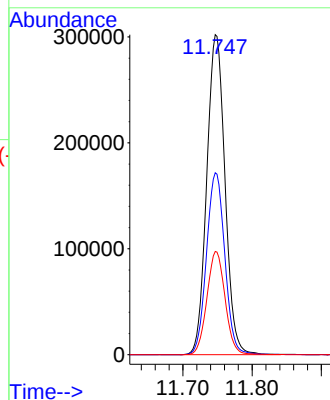
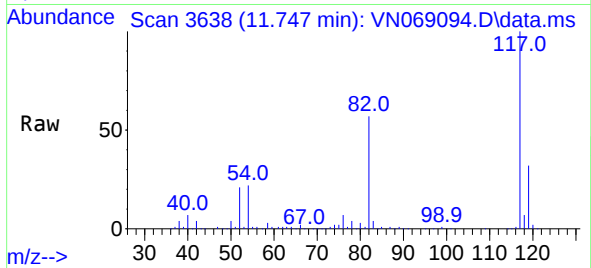




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069094.D
Acq: 21 Oct 2021 17:43

Instrument :
MSVOA_N
ClientSampleId :
1694-1696

Tgt Ion:117 Resp: 554112
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.3 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: VN069094.D
Acq: 21 Oct 2021 17:43

Tgt Ion:152 Resp: 223679
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 157.8 0.0 351.0

