

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069259.D
 Acq On : 28 Oct 2021 19:19
 Operator : JC/MD
 Sample : M4357-01
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-102521

Quant Time: Oct 28 19:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	317215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	557179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	497507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	214160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	213919	46.716	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.440%
35) Dibromofluoromethane	8.019	113	158182	45.543	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.080%
50) Toluene-d8	10.440	98	677353	48.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.734	95	236790	45.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.380%

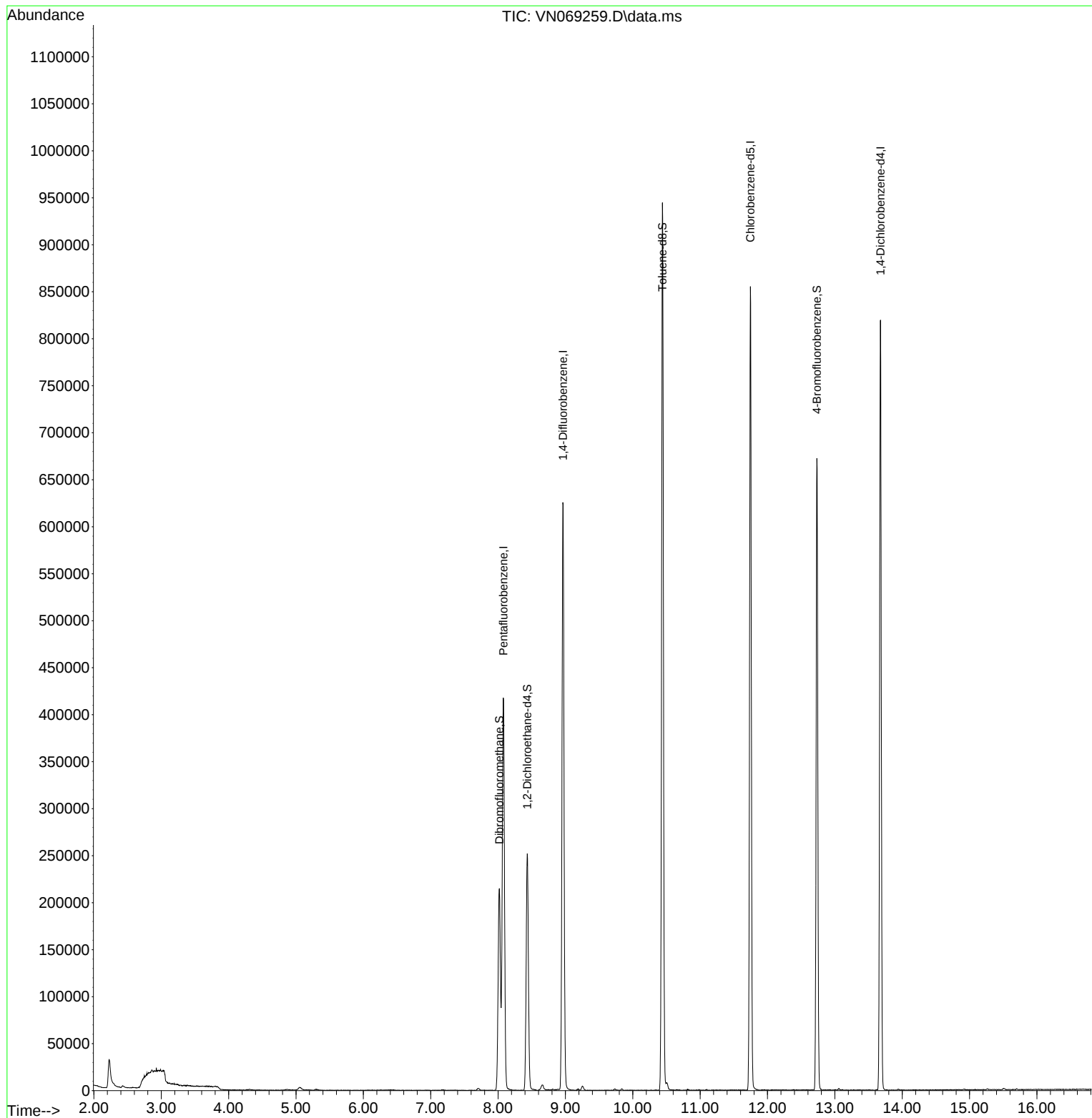
Target Compounds	Qvalue

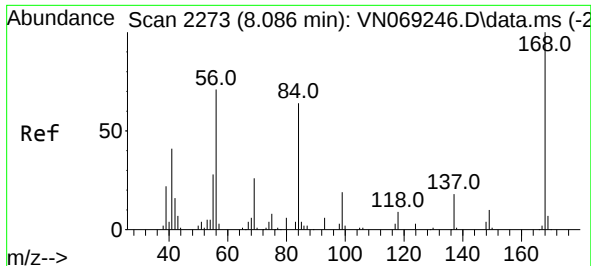
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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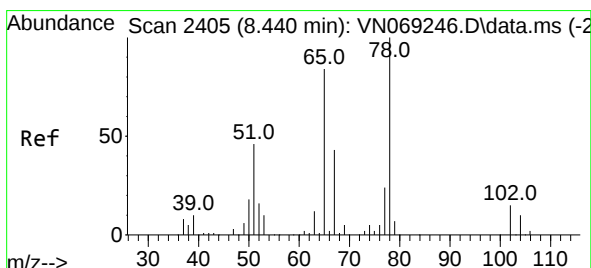
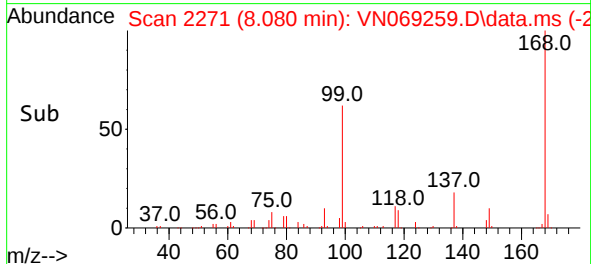
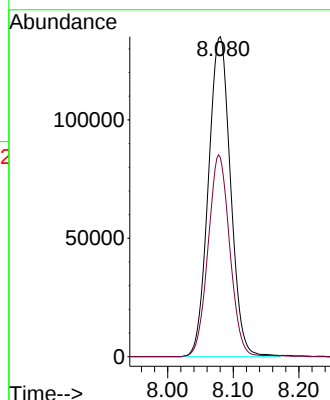
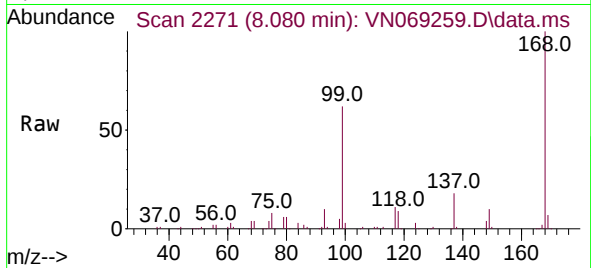




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

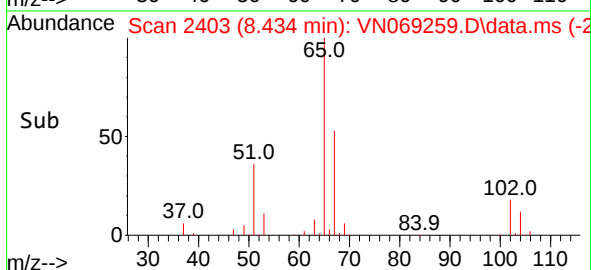
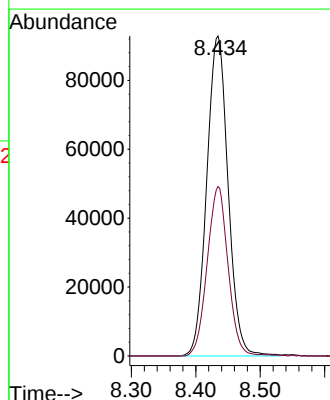
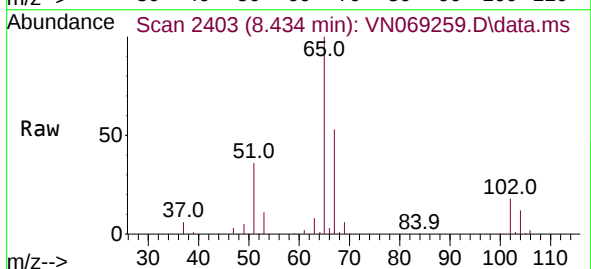
Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

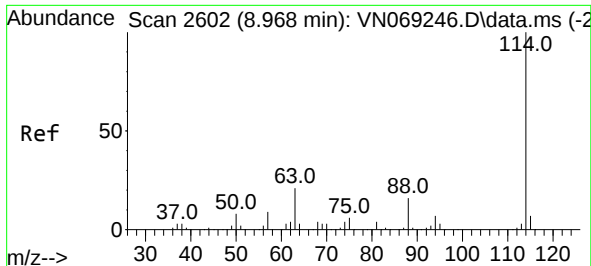
Tgt Ion:168 Resp: 317215
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.716 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 65 Resp: 213919
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN069259.D

Acq: 28 Oct 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

CL-01-102521

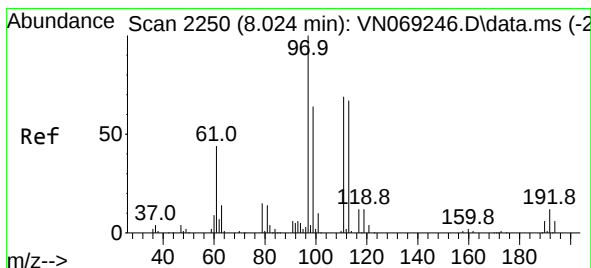
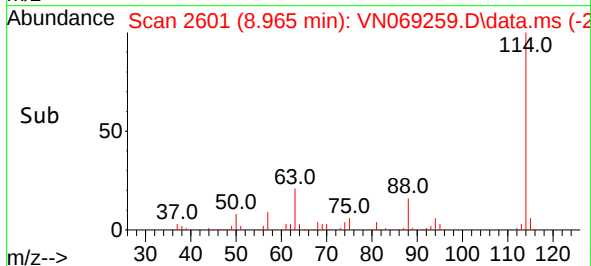
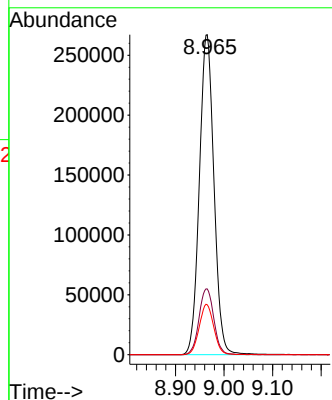
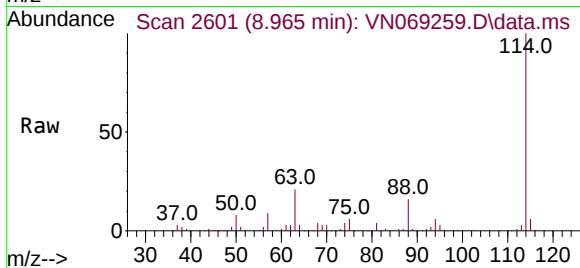
Tgt Ion:114 Resp: 557179

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 45.543 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.005 min

Lab File: VN069259.D

Acq: 28 Oct 2021 19:19

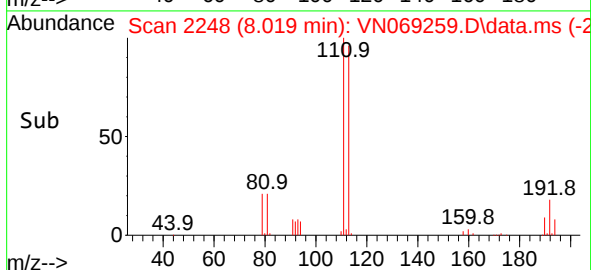
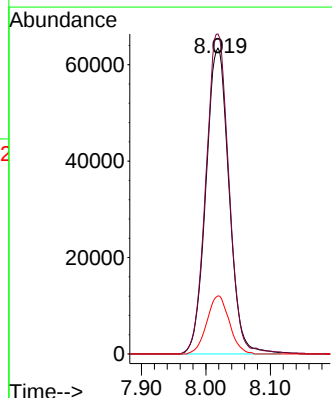
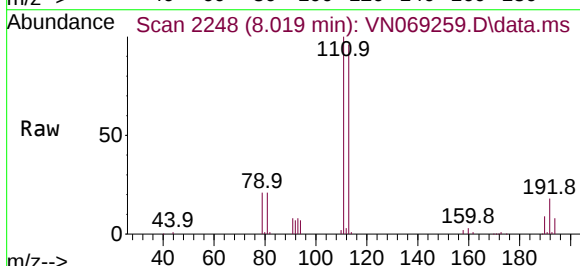
Tgt Ion:113 Resp: 158182

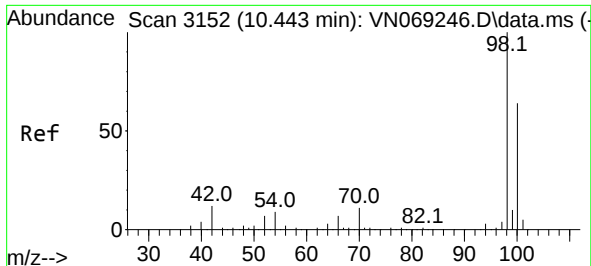
Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 18.4 15.0 22.4

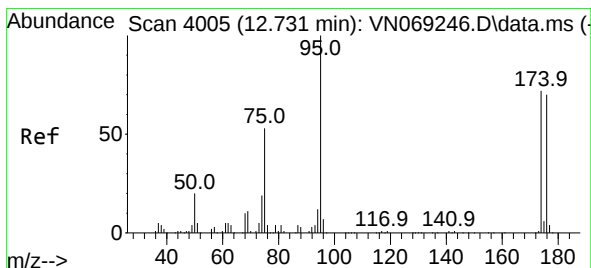
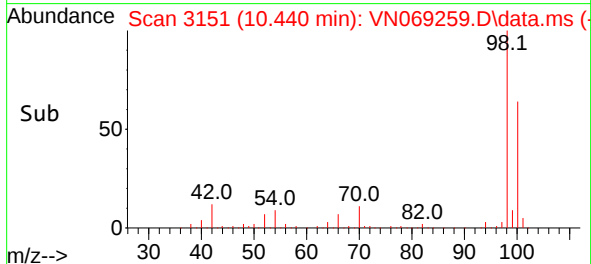
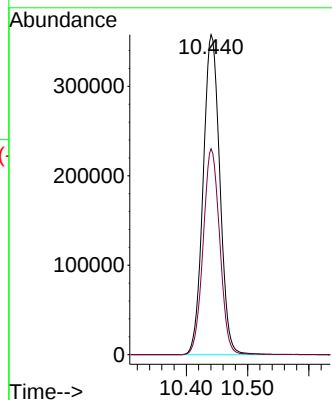
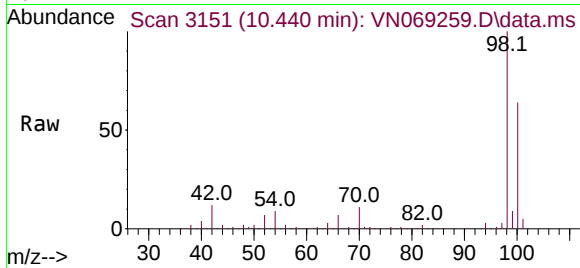




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

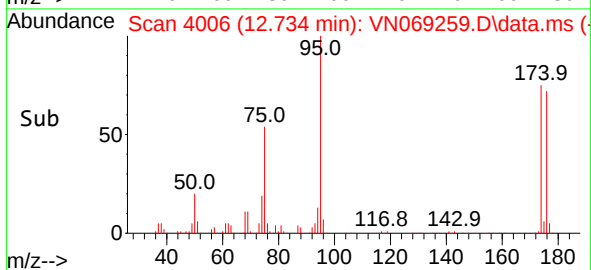
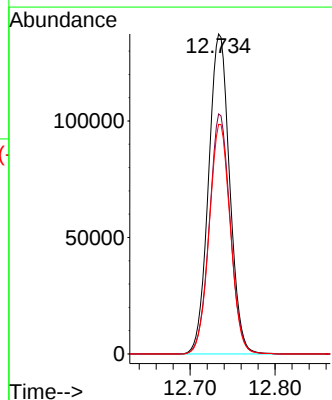
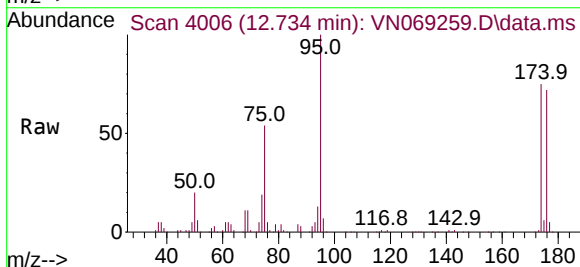
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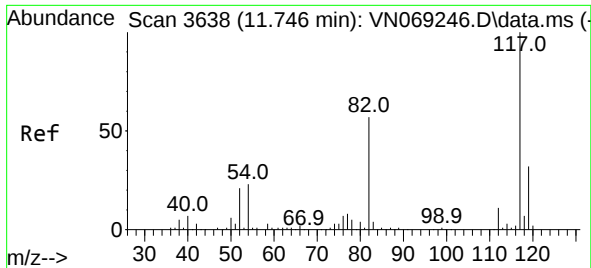
Tgt Ion: 98 Resp: 677353
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.186 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion: 95 Resp: 236790
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.8
176 71.7 0.0 140.0

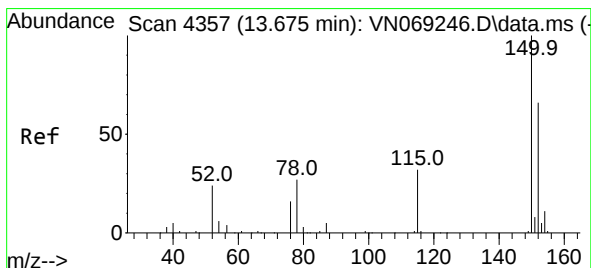
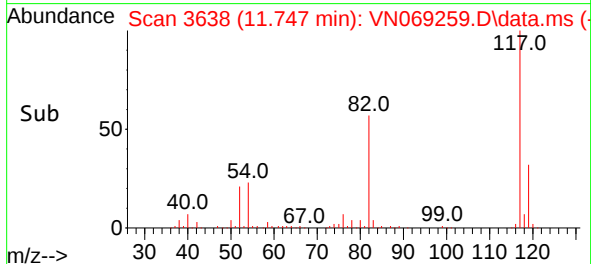
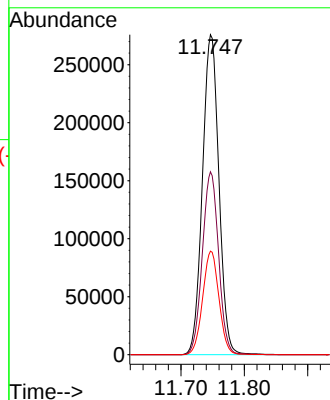
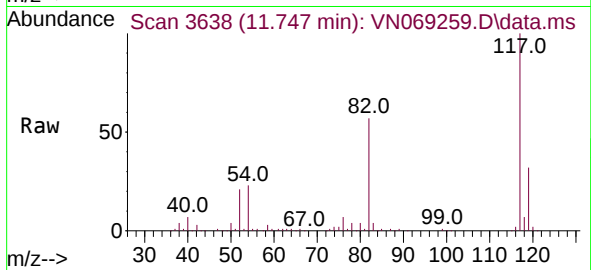




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069259.D
Acq: 28 Oct 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CL-01-102521

Tgt Ion:117 Resp: 497507
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.4 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: VN069259.D
Acq: 28 Oct 2021 19:19

Tgt Ion:152 Resp: 214160
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.3
150 157.6 0.0 351.0

