

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069508.D
 Acq On : 16 Nov 2021 15:03
 Operator : JC/MD
 Sample : M4660-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM655

Quant Time: Nov 16 16:19:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1390430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2420480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2381927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	903320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1020941	50.641	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.280%
35) Dibromofluoromethane	8.021	113	703995	48.494	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.980%
50) Toluene-d8	10.443	98	3083518	54.007	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.733	95	1074999	51.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.500%

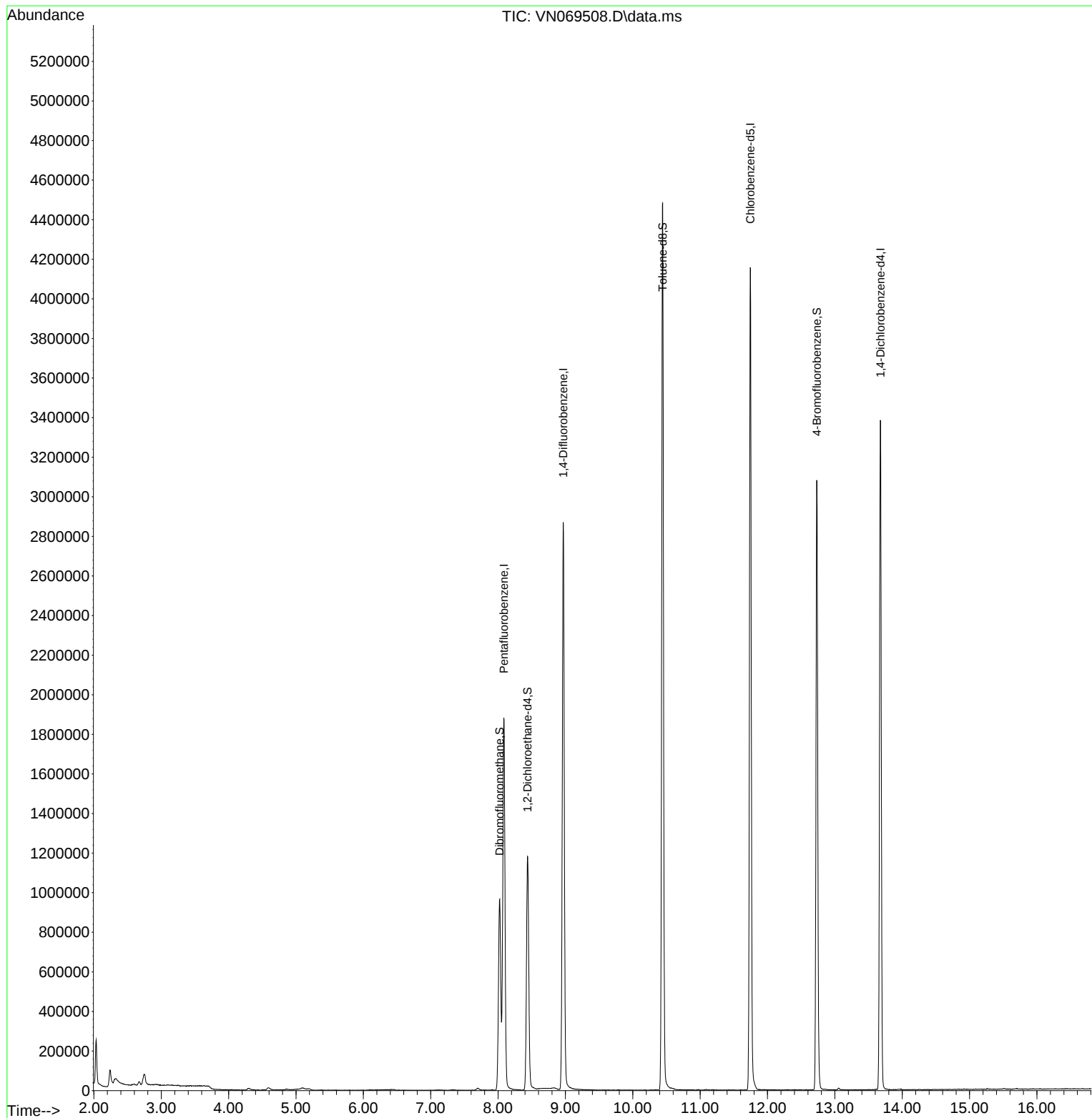
Target Compounds	Qvalue

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

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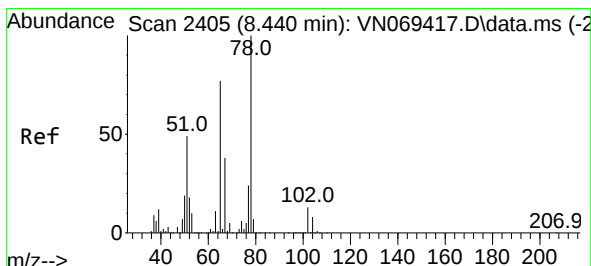
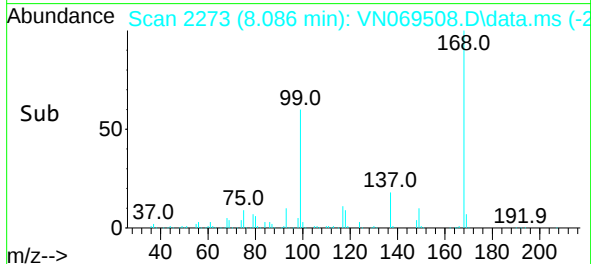
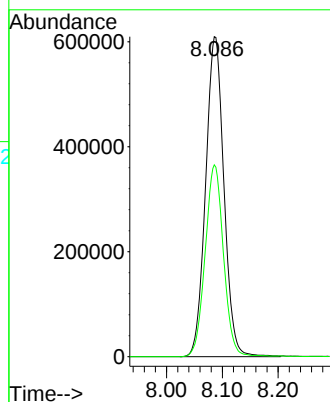
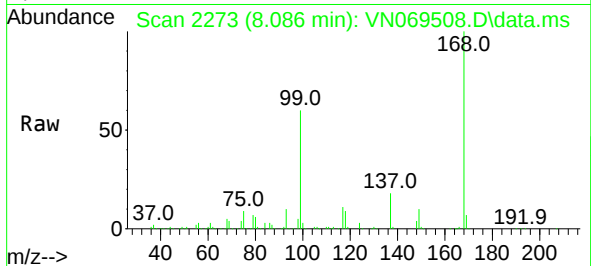




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069508.D
Acq: 16 Nov 2021 15:03

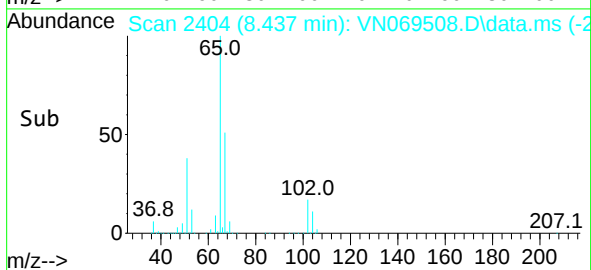
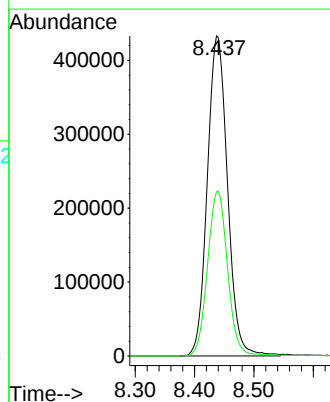
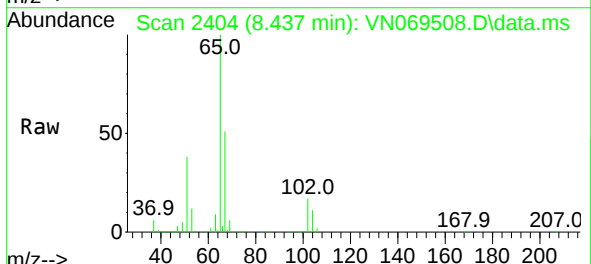
Instrument :
MSVOA_N
ClientSampleId :
FM655

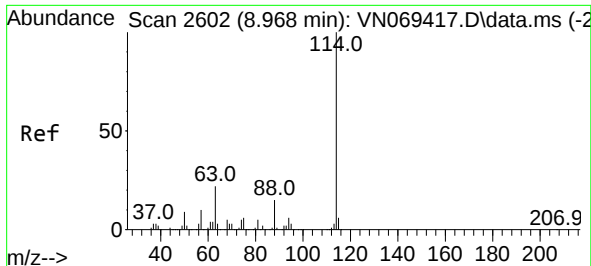
Tgt Ion:168 Resp: 1390430
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.641 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069508.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 65 Resp: 1020941
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

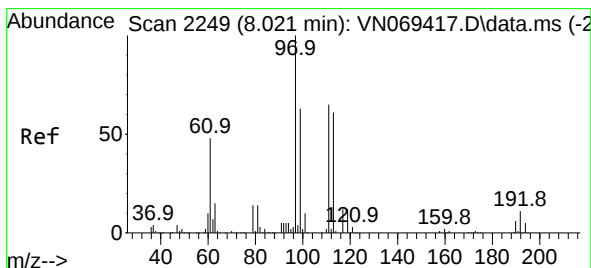
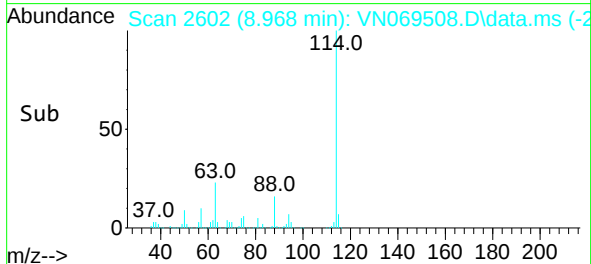
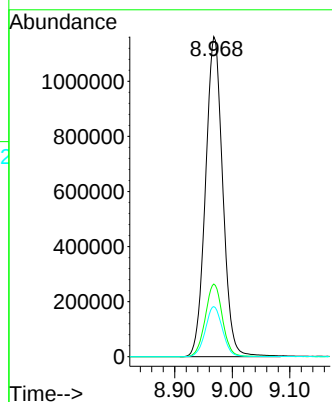
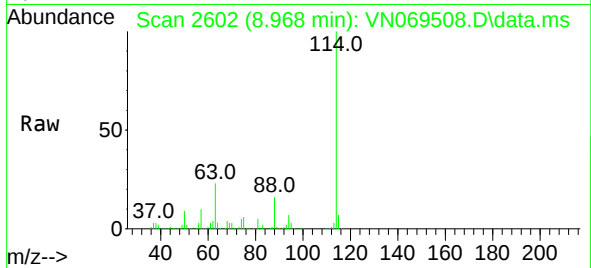




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069508.D
Acq: 16 Nov 2021 15:03

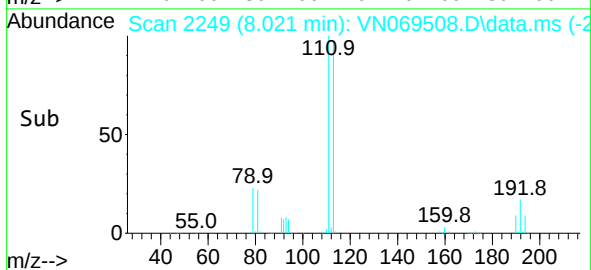
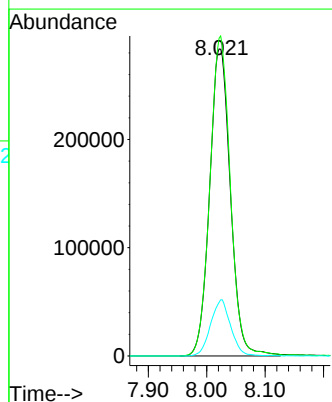
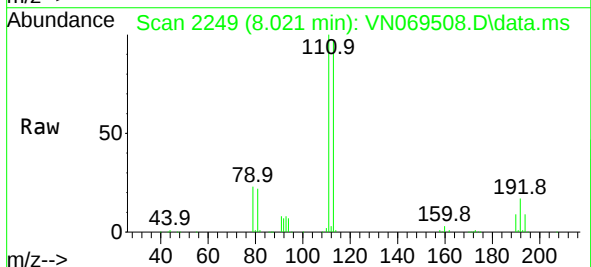
Instrument :
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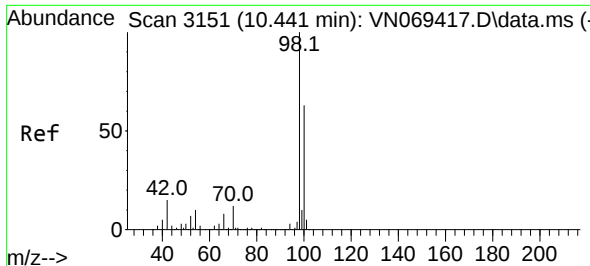
Tgt Ion:114 Resp: 2420480
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.494 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069508.D
Acq: 16 Nov 2021 15:03

Tgt Ion:113 Resp: 703995
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 17.6 16.9 25.3

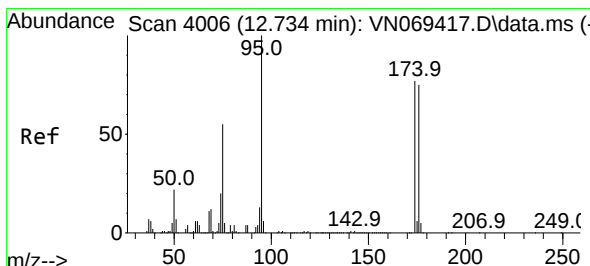
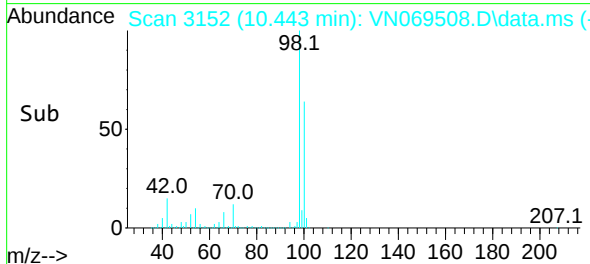
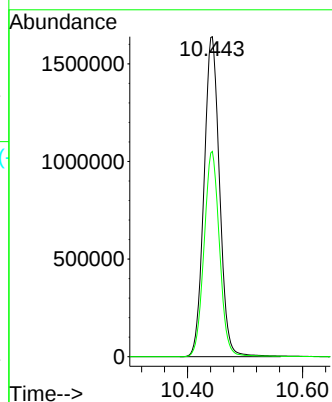
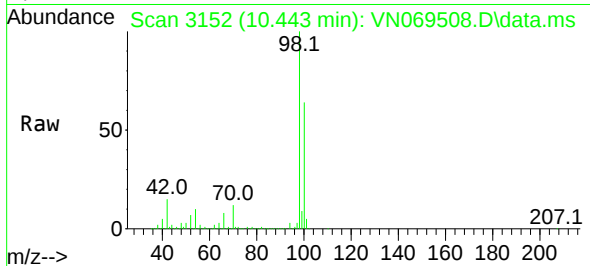




#50
Toluene-d8
Concen: 54.007 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069508.D
Acq: 16 Nov 2021 15:03

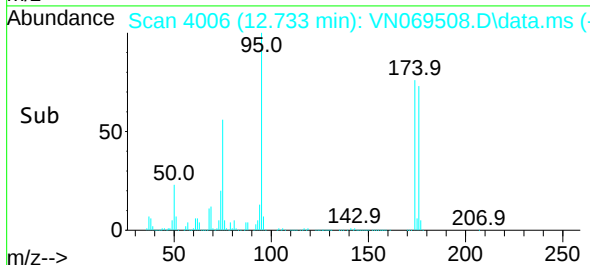
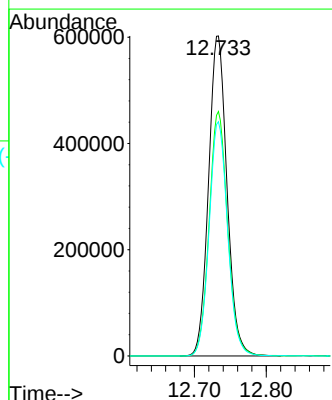
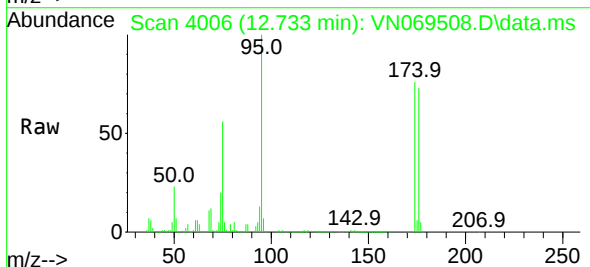
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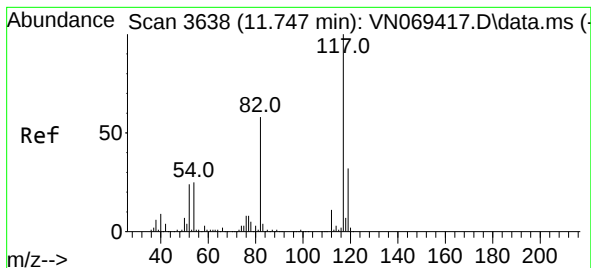
Tgt Ion: 98 Resp: 3083518
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069508.D
Acq: 16 Nov 2021 15:03

Tgt Ion: 95 Resp: 1074999
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

Delta R.T. -0.001 min

Lab File: VN069508.D

Acq: 16 Nov 2021 15:03

Instrument :

MSVOA_N

ClientSampleId :

FM655

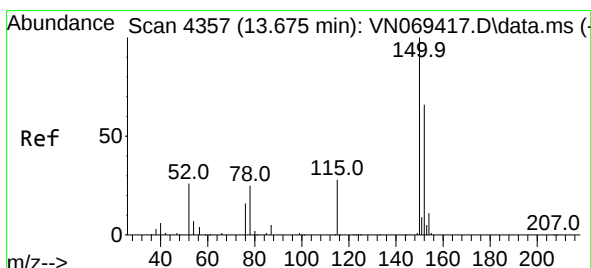
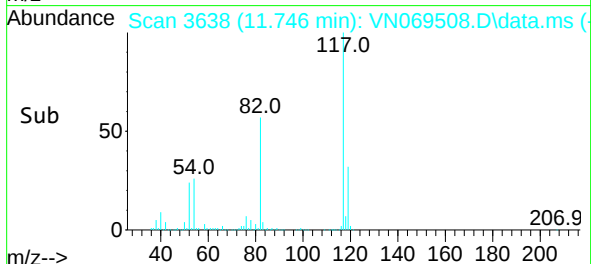
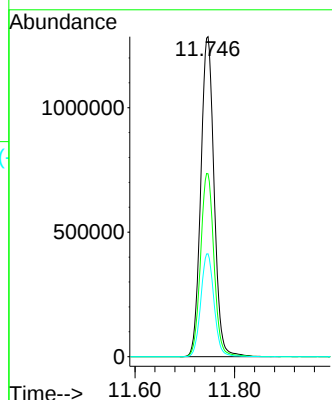
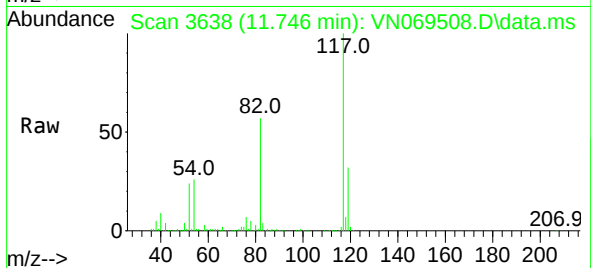
Tgt Ion:117 Resp: 2381927

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.677 min Scan# 4358

Delta R.T. 0.002 min

Lab File: VN069508.D

Acq: 16 Nov 2021 15:03

Tgt Ion:152 Resp: 903320

Ion Ratio Lower Upper

152 100

115 61.3 27.5 82.5

150 158.9 0.0 344.4

