

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069562.D
 Acq On : 18 Nov 2021 19:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 19 03:20:23 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	8.088	168	1325608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2340927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2302904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	836613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	981111	51.045	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.080%
35) Dibromofluoromethane	8.027	113	674274	48.026	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.060%
50) Toluene-d8	10.443	98	2969318	53.774	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.540%
62) 4-Bromofluorobenzene	12.733	95	1031132	50.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.660%

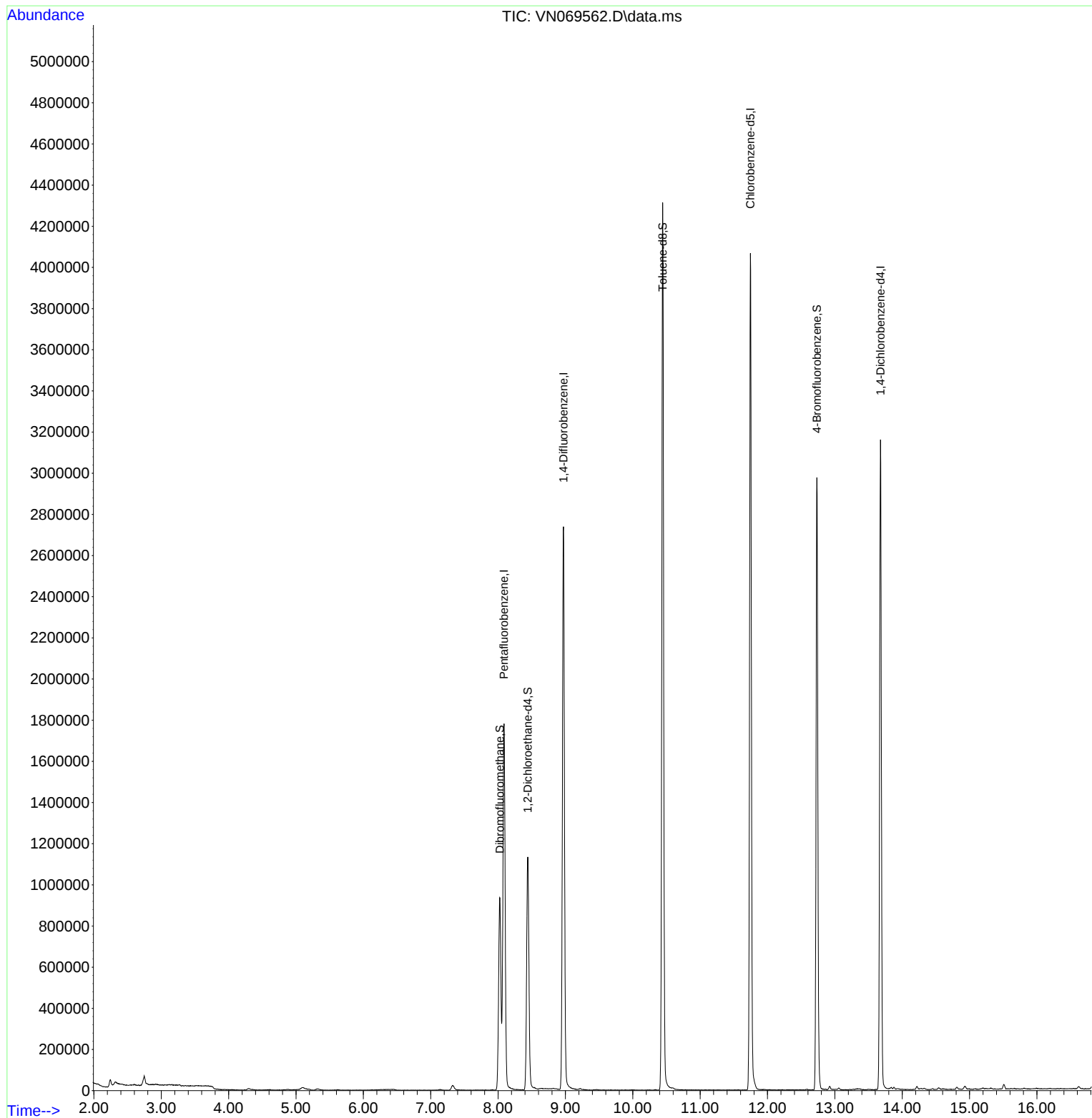
Target Compounds	Qvalue

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

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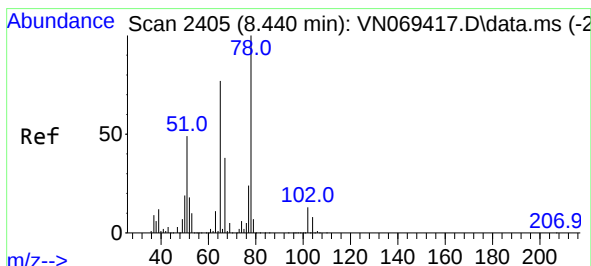
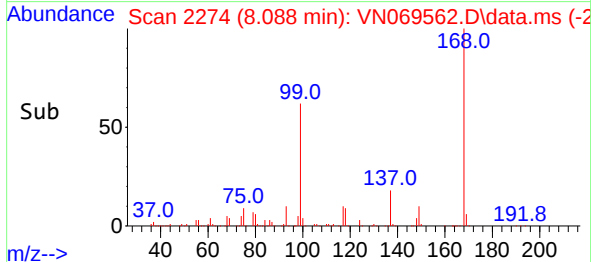
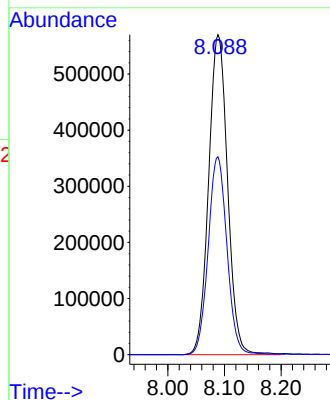
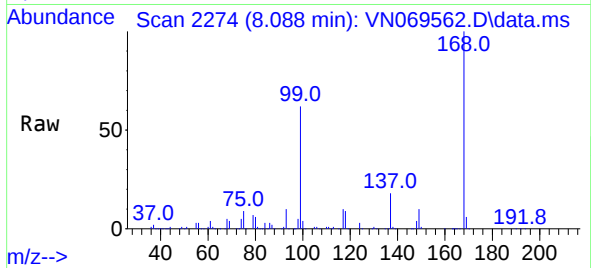




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069562.D
Acq: 18 Nov 2021 19:08

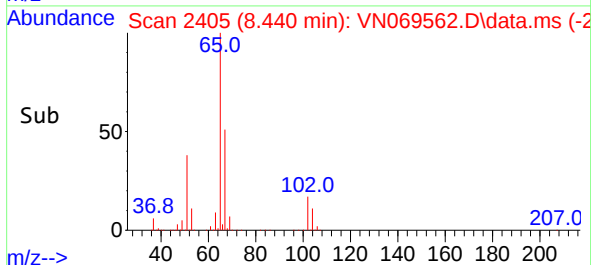
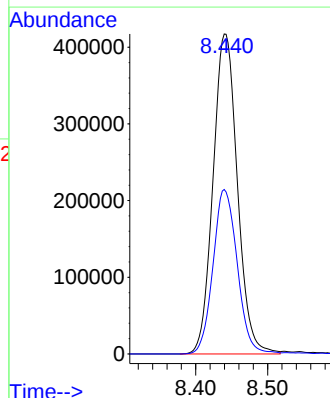
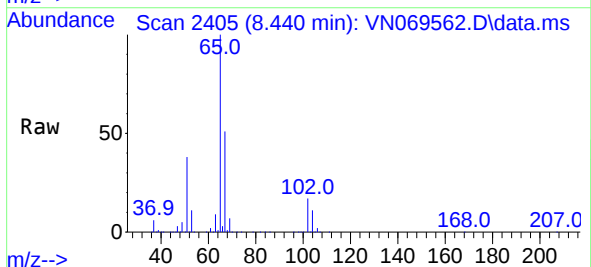
Instrument :
MSVOA_N
ClientSampleId :
IBLK

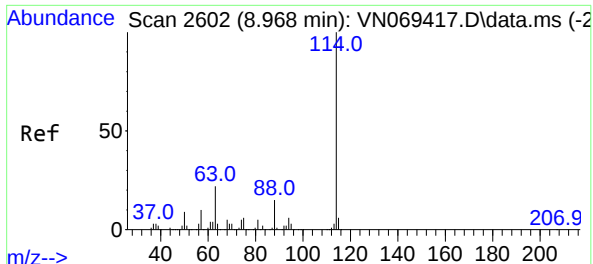
Tgt Ion:168 Resp: 1325608
Ion Ratio Lower Upper
168 100
99 61.9 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.045 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069562.D
Acq: 18 Nov 2021 19:08

Tgt Ion: 65 Resp: 981111
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN069562.D

Acq: 18 Nov 2021 19:08

Instrument :

MSVOA_N

ClientSampleId :

IBLK

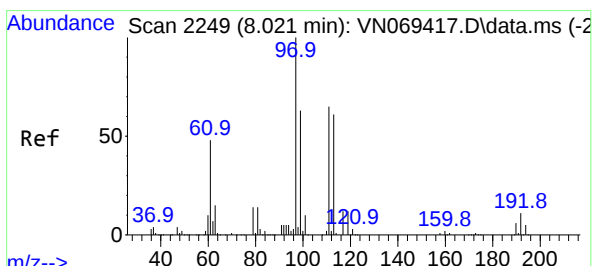
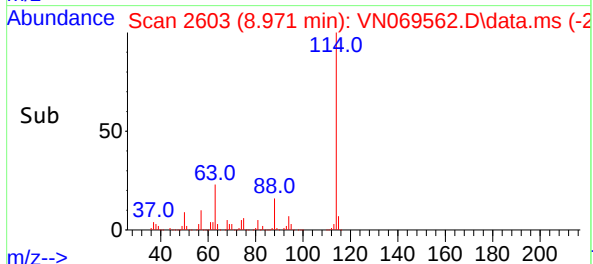
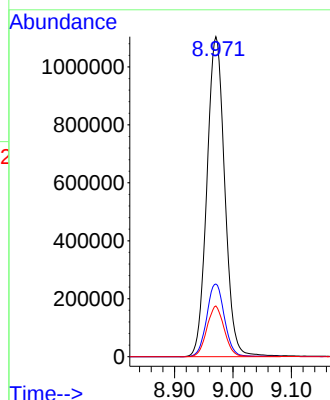
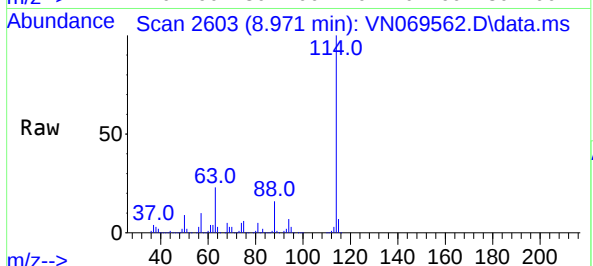
Tgt Ion:114 Resp: 2340927

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 15.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.026 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.006 min

Lab File: VN069562.D

Acq: 18 Nov 2021 19:08

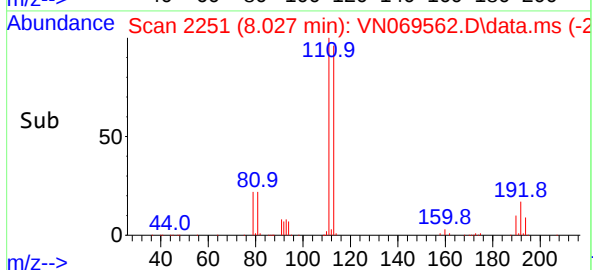
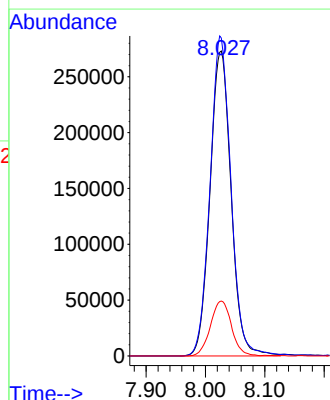
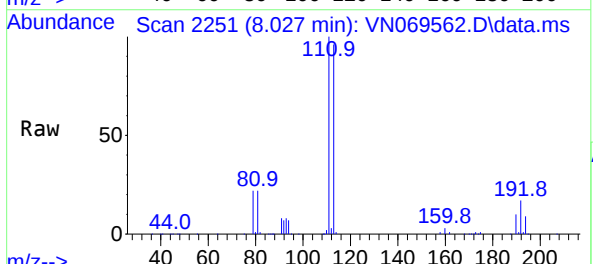
Tgt Ion:113 Resp: 674274

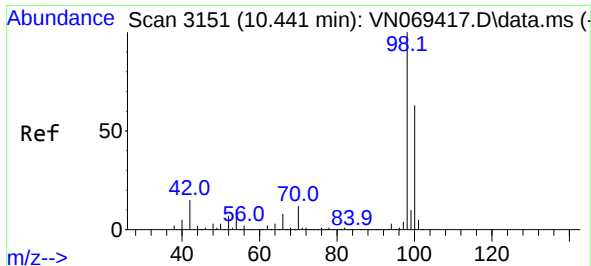
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 18.0 16.9 25.3

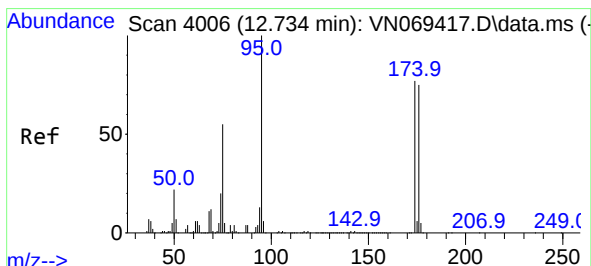
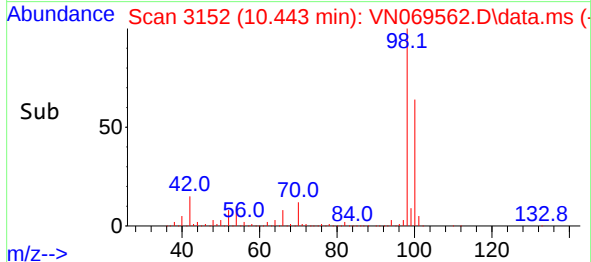
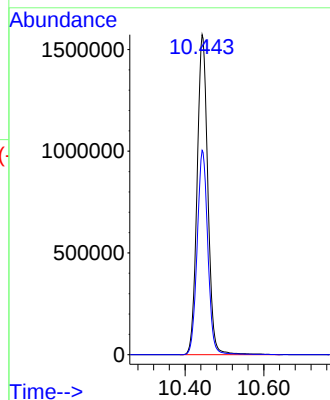
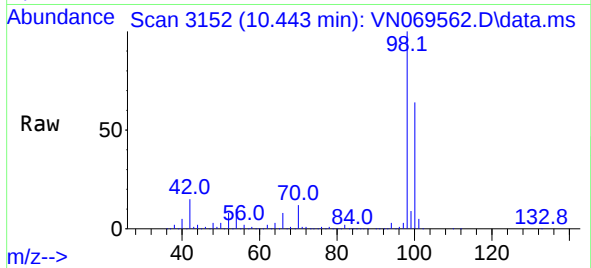




#50
Toluene-d8
Concen: 53.774 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069562.D
Acq: 18 Nov 2021 19:08

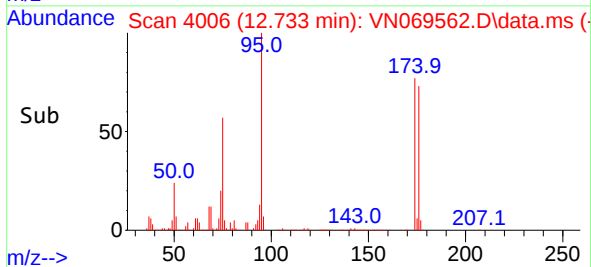
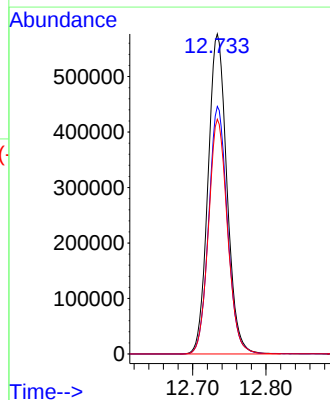
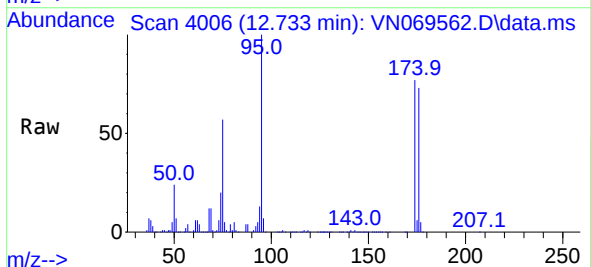
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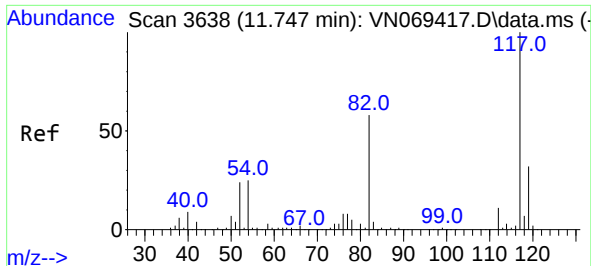
Tgt Ion: 98 Resp: 2969318
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 50.832 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069562.D
Acq: 18 Nov 2021 19:08

Tgt Ion: 95 Resp: 1031132
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.7 0.0 181.4

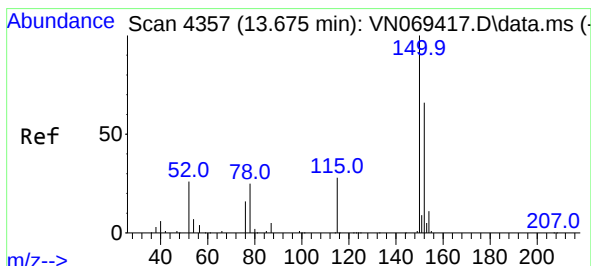
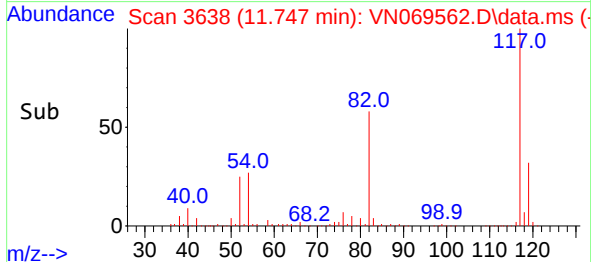
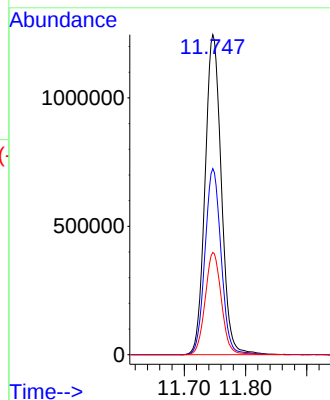
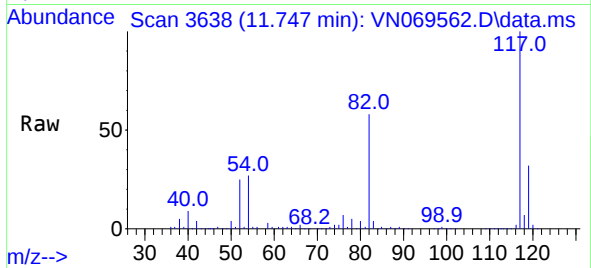




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069562.D
Acq: 18 Nov 2021 19:08

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 2302904
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069562.D
Acq: 18 Nov 2021 19:08

Tgt Ion:152 Resp: 836613
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 158.3 0.0 344.4

