

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069330.D
 Acq On : 1 Nov 2021 19:32
 Operator : JC/MD
 Sample : M4423-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Nov 02 05:51:04 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	8.088	168	283291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	519375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	516438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	197786	48.365	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.740%
35) Dibromofluoromethane	8.024	113	150361	46.442	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.880%
50) Toluene-d8	10.443	98	643377	49.701	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.733	95	243125	49.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.540%

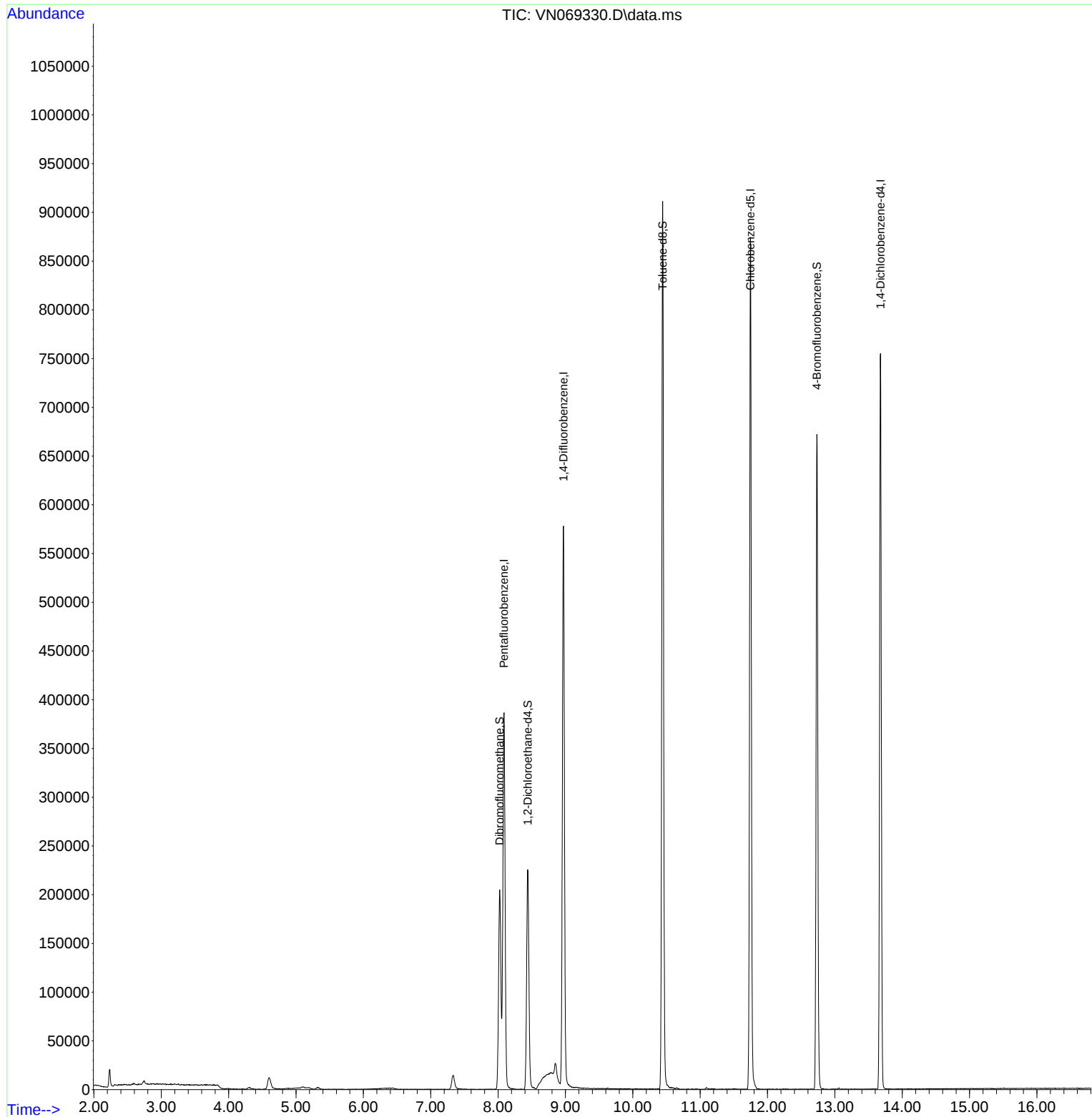
Target Compounds	Qvalue

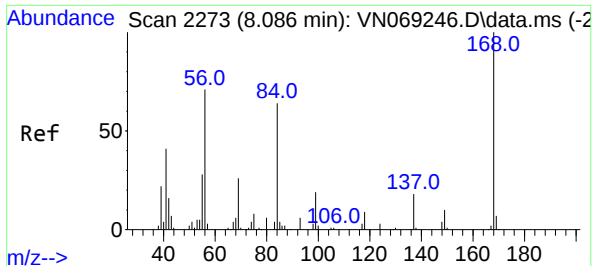
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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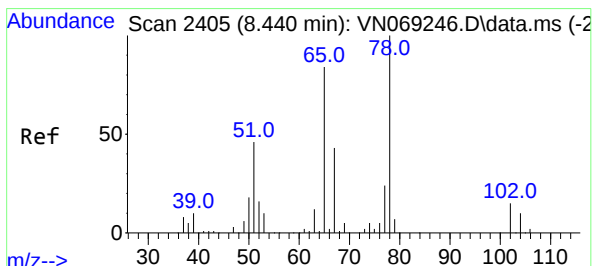
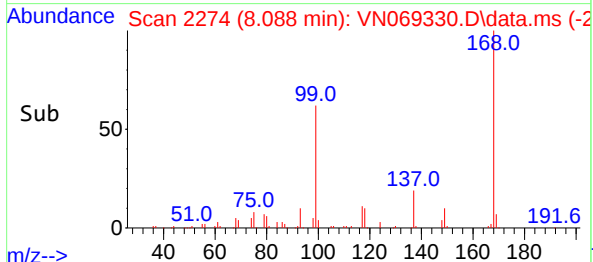
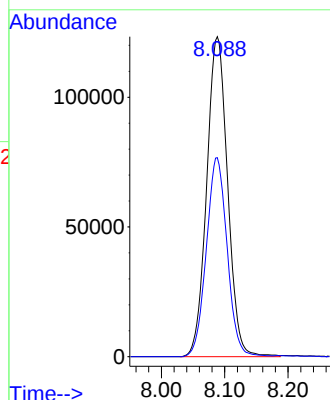
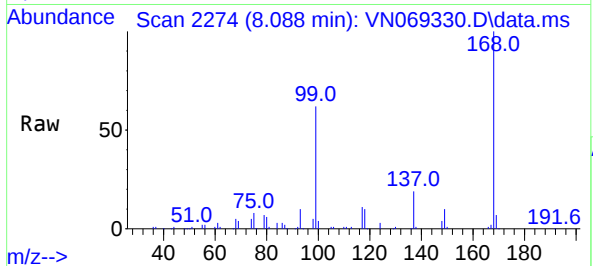




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

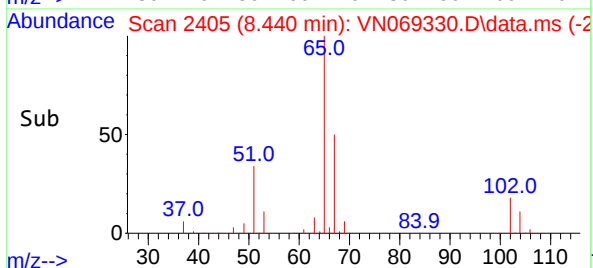
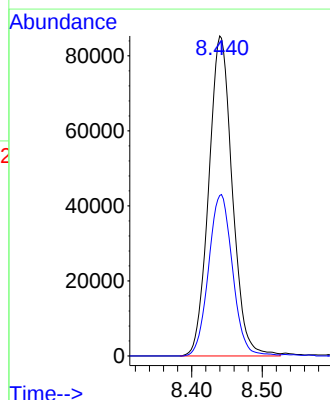
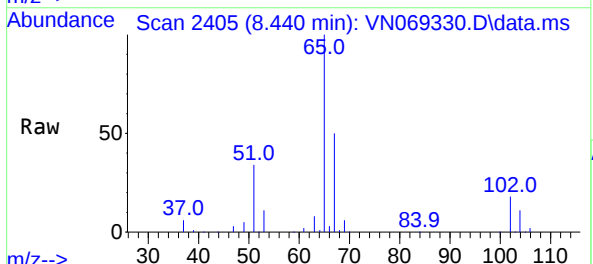
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

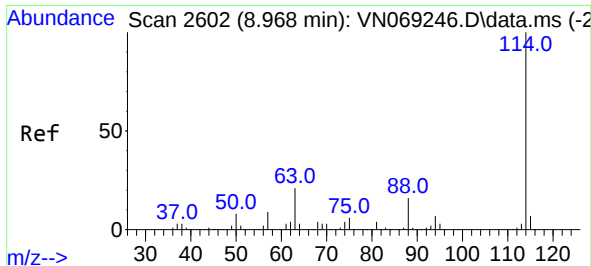
Tgt Ion:168 Resp: 283291
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 48.365 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 65 Resp: 197786
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-REF-4

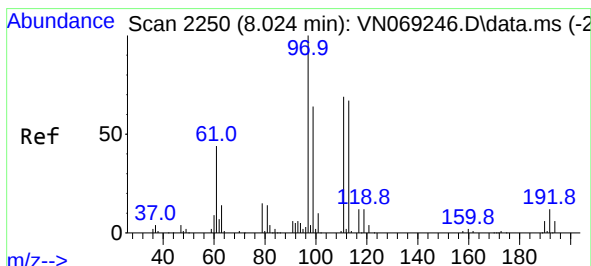
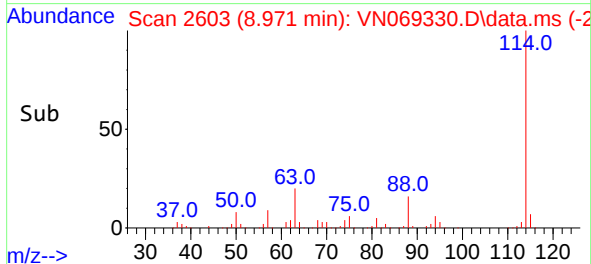
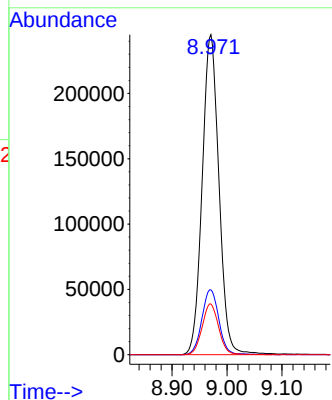
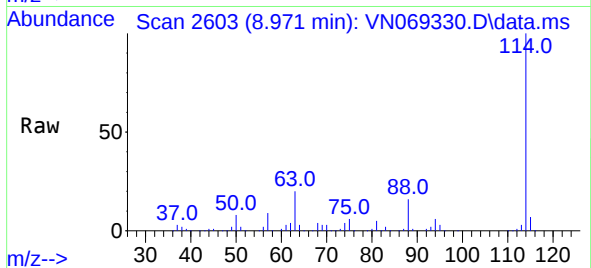
Tgt Ion:114 Resp: 519375

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.442 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069330.D

Acq: 1 Nov 2021 19:32

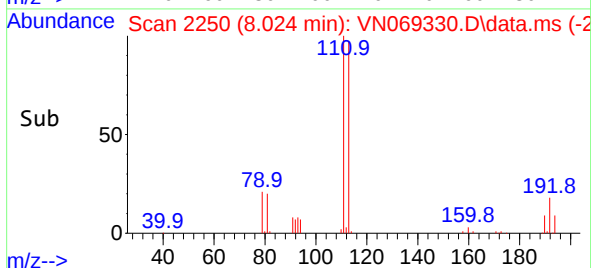
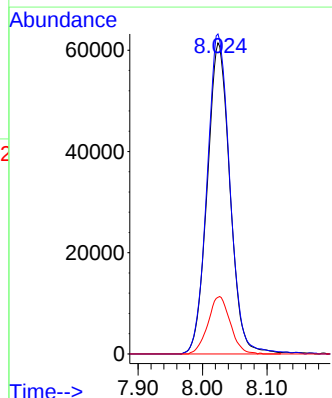
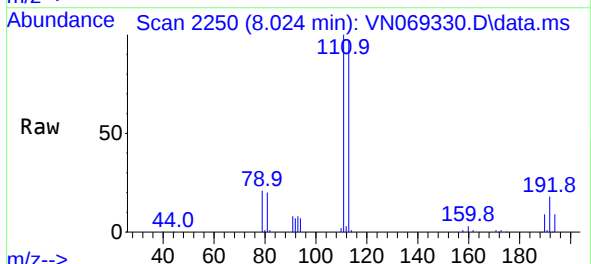
Tgt Ion:113 Resp: 150361

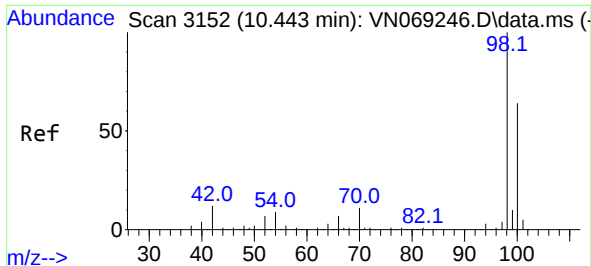
Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 18.1 15.0 22.4

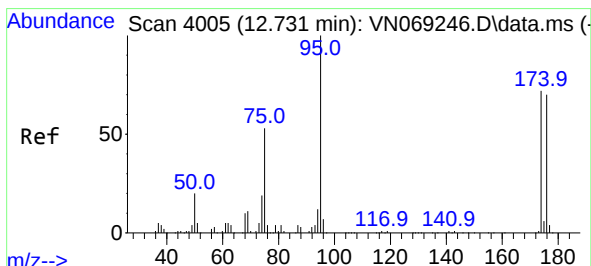
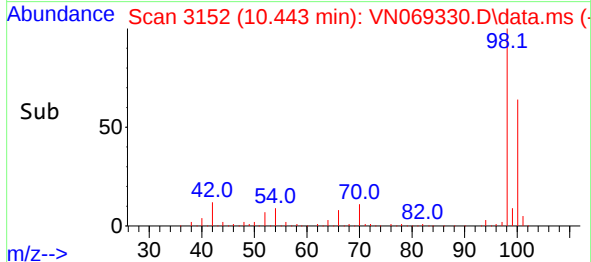
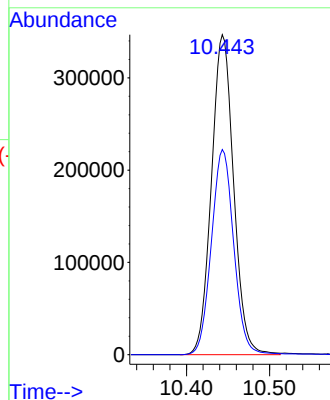
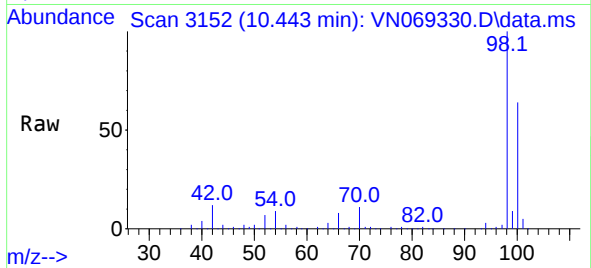




#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

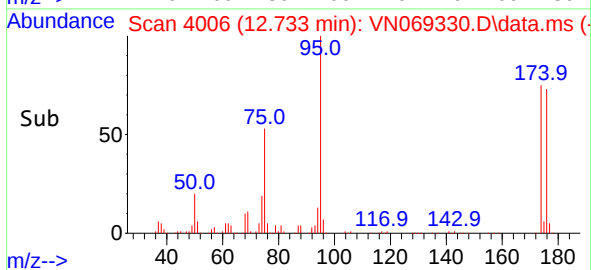
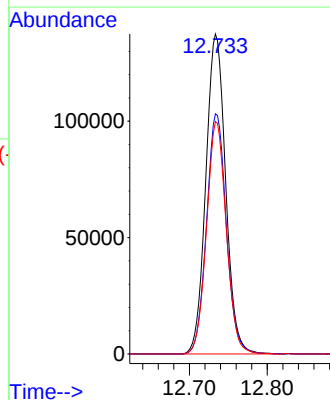
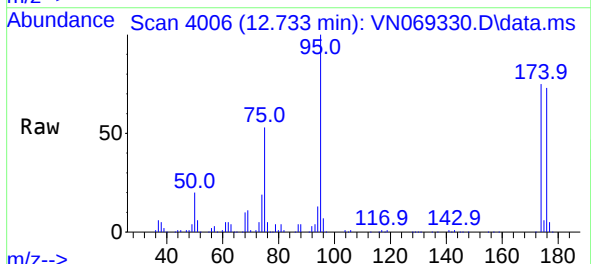
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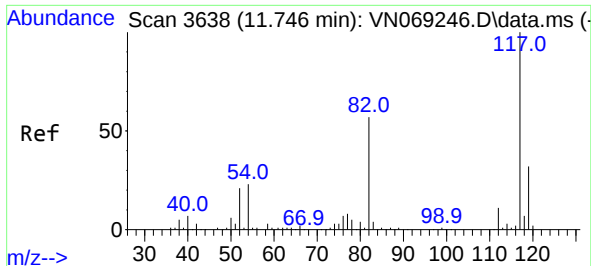
Tgt Ion: 98 Resp: 643377
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion: 95 Resp: 243125
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.3 0.0 140.0

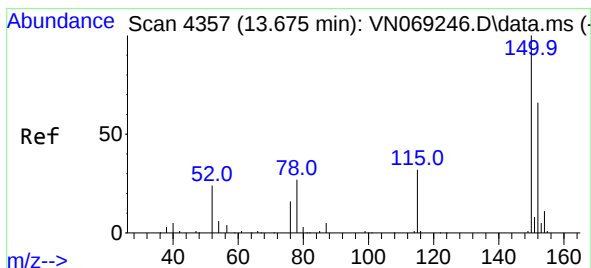
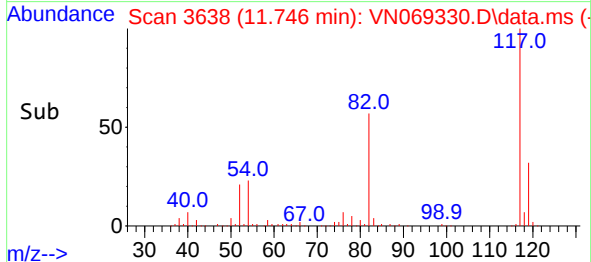
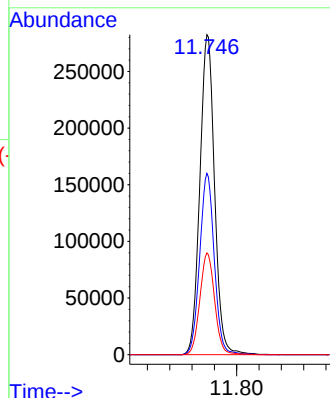
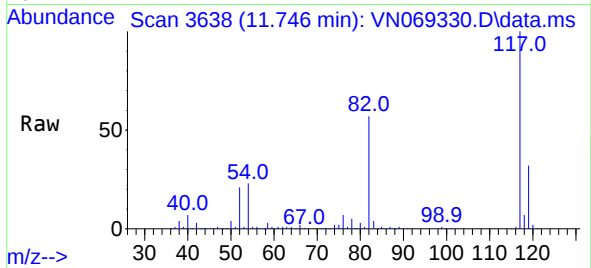




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

Tgt Ion:117 Resp: 516438
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069330.D
Acq: 1 Nov 2021 19:32

Tgt Ion:152 Resp: 203514
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.9 0.0 351.0

