

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069423.D
 Acq On : 9 Nov 2021 17:37
 Operator : JC/MD
 Sample : VN1109WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBL01

Quant Time: Nov 10 16:37:30 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	1246509	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	2218949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2176267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	807678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	941502	52.092	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.180%
35) Dibromofluoromethane	8.024	113	655208	49.233	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.460%
50) Toluene-d8	10.443	98	2846880	54.391	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.734	95	972338	50.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.140%

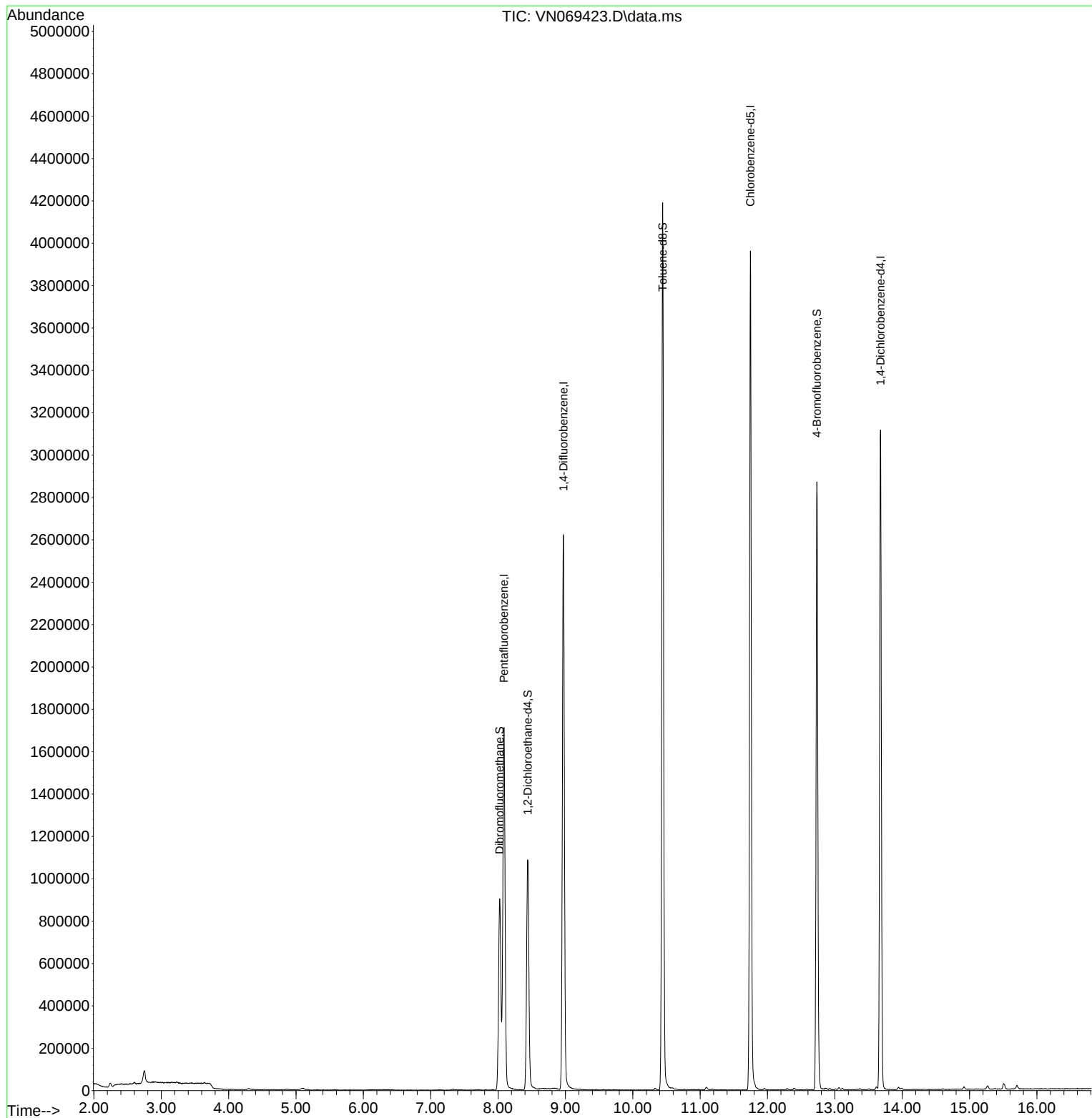
Target Compounds	Qvalue

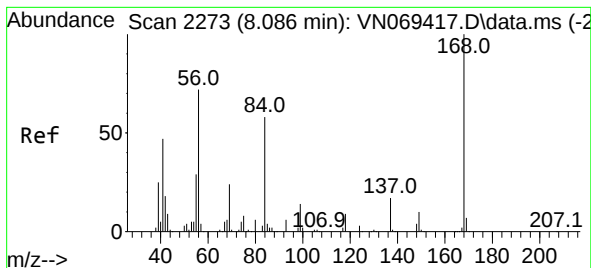
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN069423.D

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Instrument :

MSVOA_N

ClientSampleId :

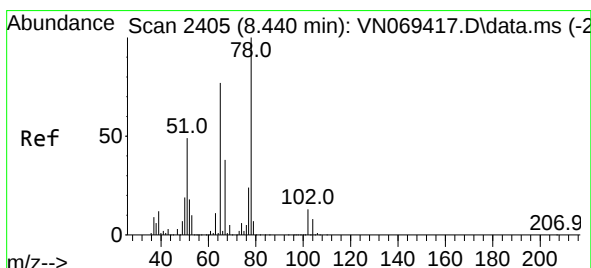
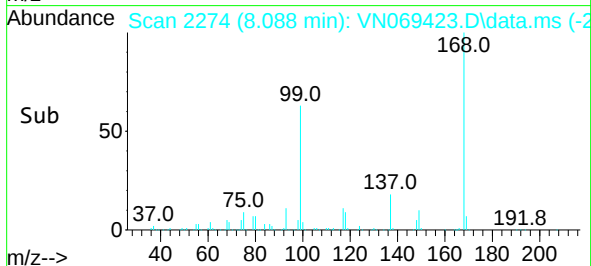
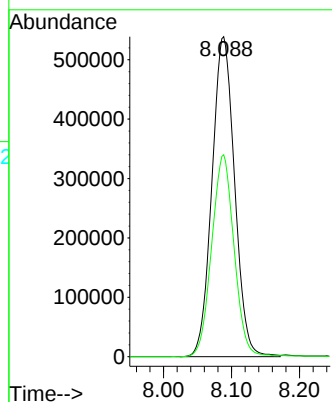
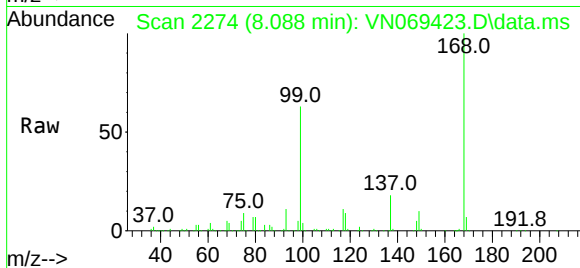
VN1109WBL01

Tgt Ion:168 Resp: 1246509

Ion Ratio Lower Upper

168 100

99 63.1 41.3 61.9#



#33

1,2-Dichloroethane-d4

Concen: 52.092 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069423.D

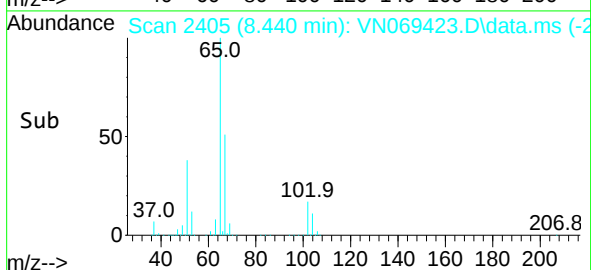
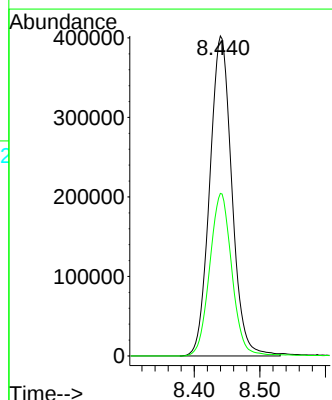
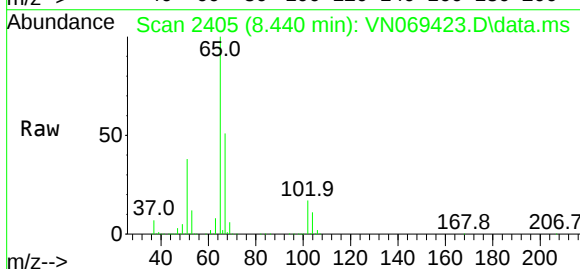
Acq: 9 Nov 2021 17:37

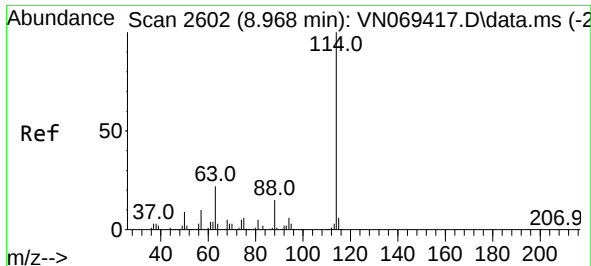
Tgt Ion: 65 Resp: 941502

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

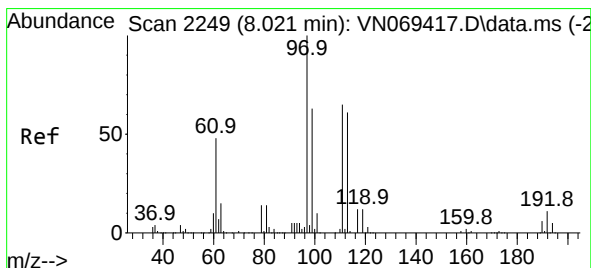
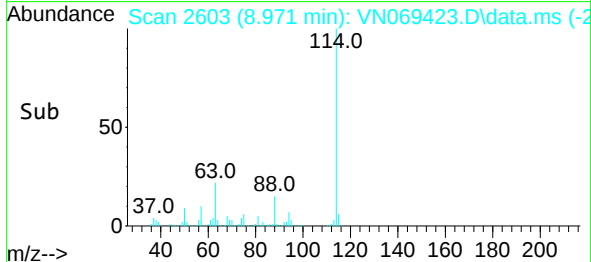
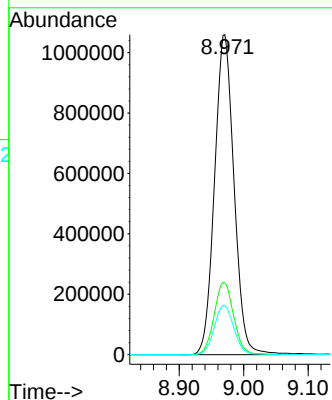
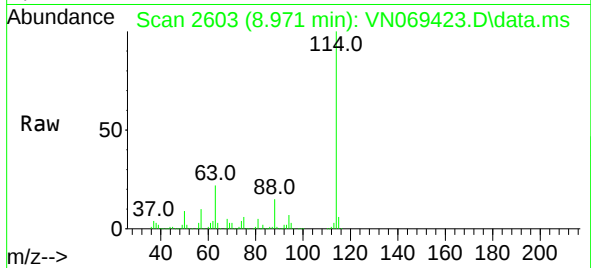




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN069423.D
Acq: 9 Nov 2021 17:37

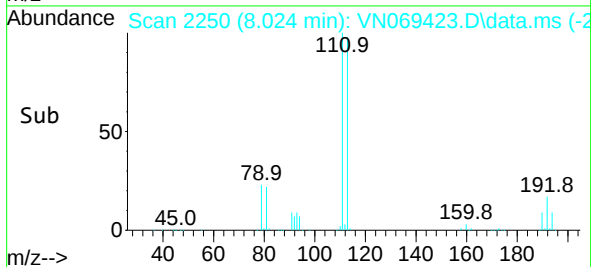
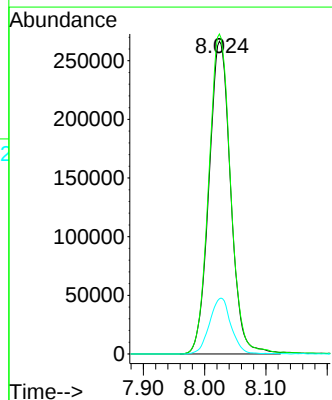
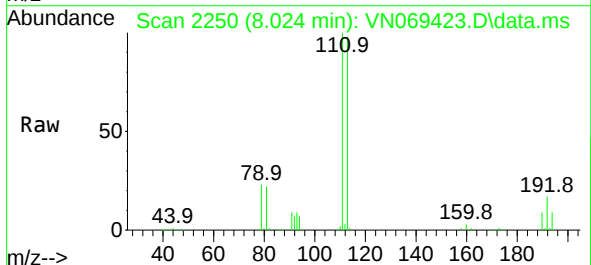
Instrument :
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VN1109WBL01

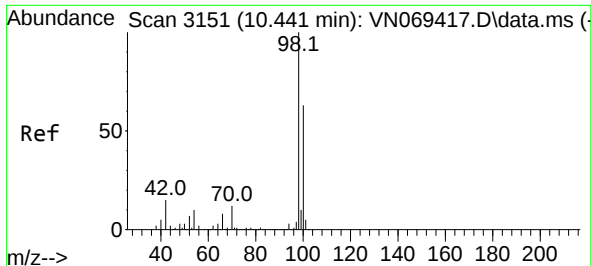
Tgt Ion:114 Resp: 2218949
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 15.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.233 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069423.D
Acq: 9 Nov 2021 17:37

Tgt Ion:113 Resp: 655208
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 17.6 16.9 25.3

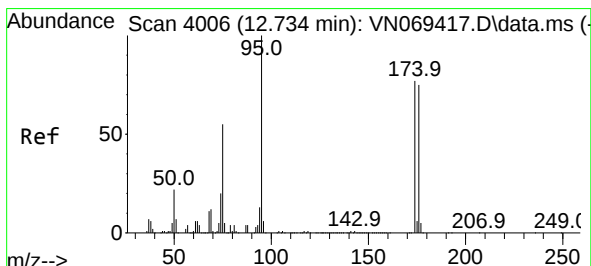
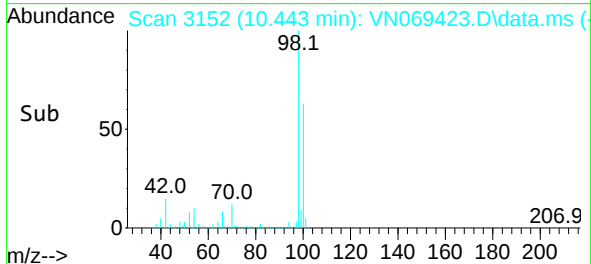
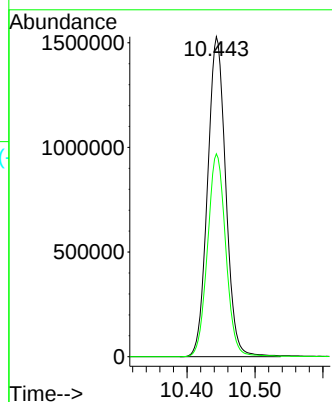
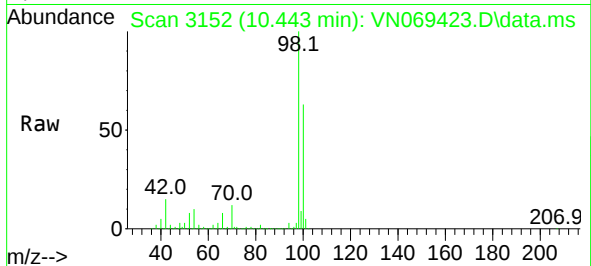




#50
Toluene-d8
Concen: 54.391 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069423.D
Acq: 9 Nov 2021 17:37

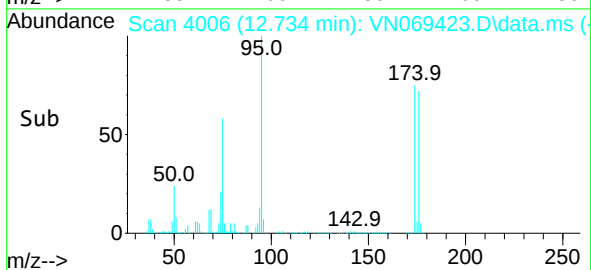
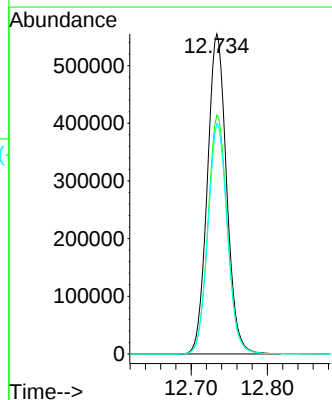
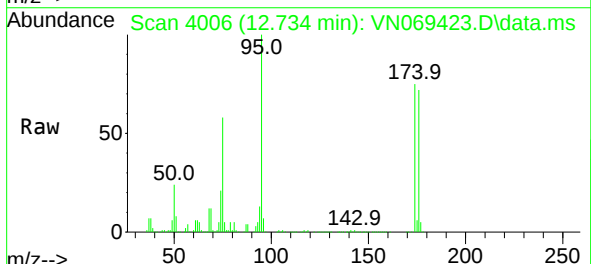
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBL01

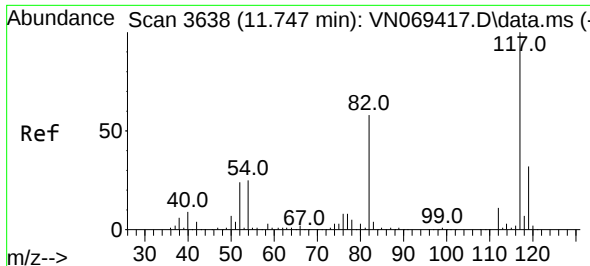
Tgt Ion: 98 Resp: 2846880
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 50.568 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069423.D
Acq: 9 Nov 2021 17:37

Tgt Ion: 95 Resp: 972338
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.7 0.0 181.4

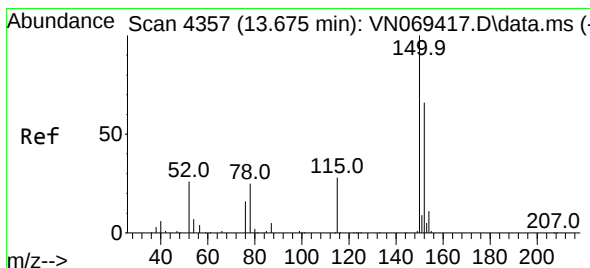
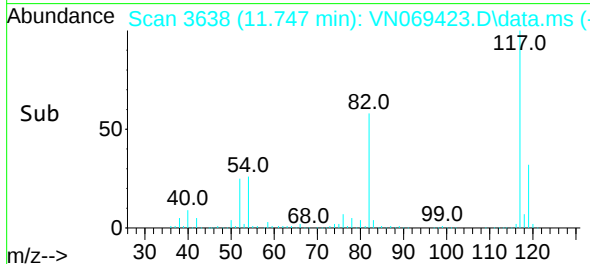
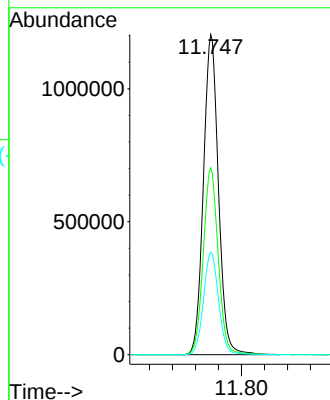
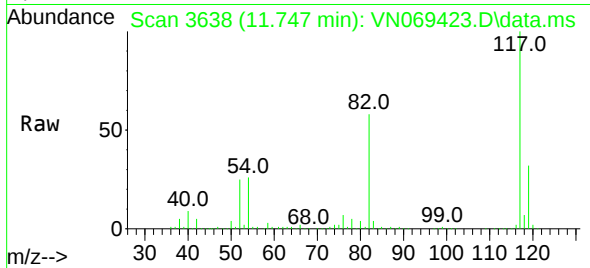




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069423.D
Acq: 9 Nov 2021 17:37

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBL01

Tgt Ion:117 Resp: 2176267
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.0 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: VN069423.D
Acq: 9 Nov 2021 17:37

Tgt Ion:152 Resp: 807678
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 158.6 0.0 344.4

