

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069291.D
 Acq On : 29 Oct 2021 10:47
 Operator : JC/MD
 Sample : VN1029MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029MBL01

Quant Time: Oct 30 05:38:24 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	8.086	168	313726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	552465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	529728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	201362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	212176	46.851	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.700%
35) Dibromofluoromethane	8.024	113	162306	47.129	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.260%
50) Toluene-d8	10.443	98	686788	49.877	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.733	95	247899	47.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.420%

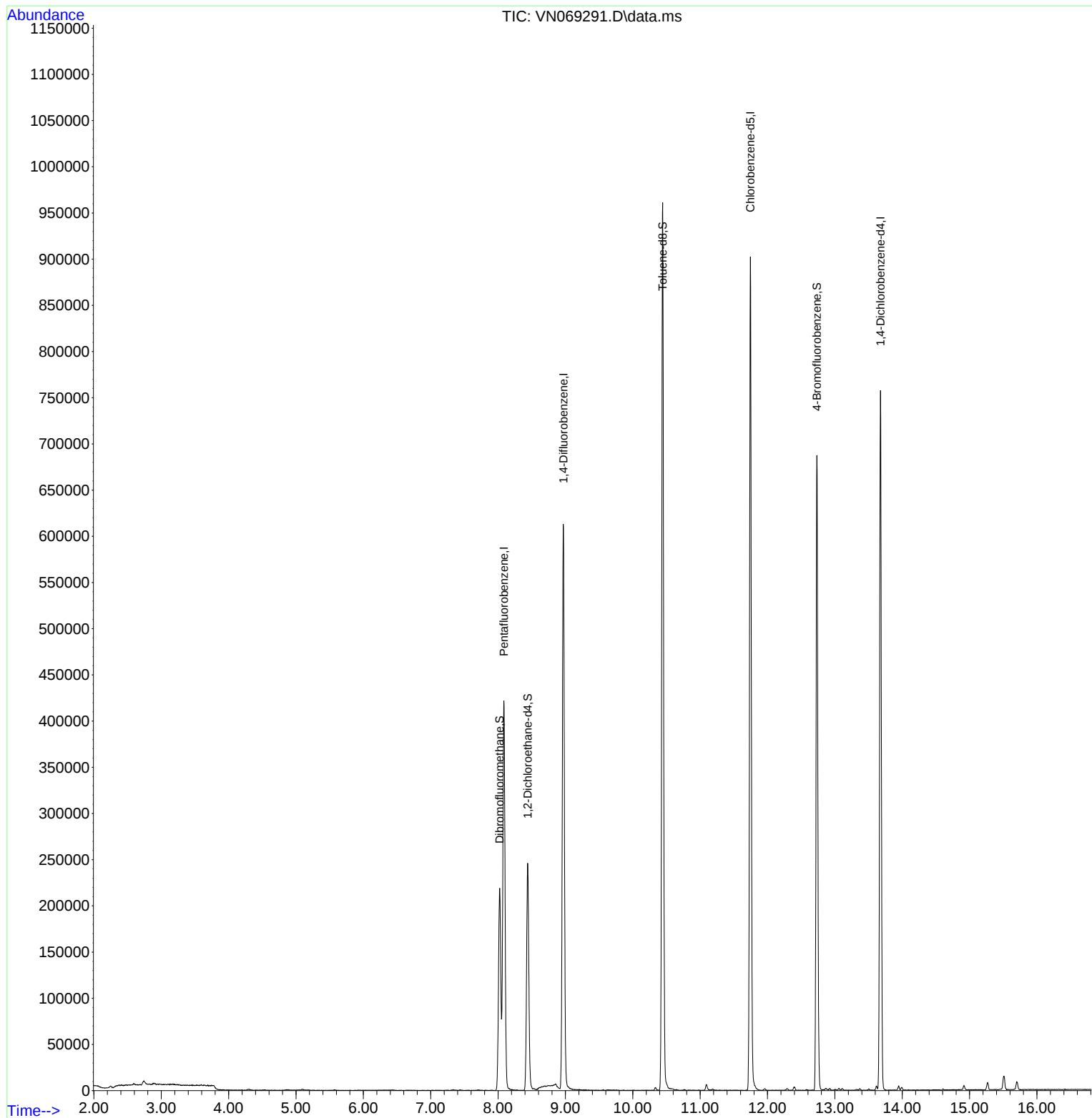
Target Compounds	Qvalue

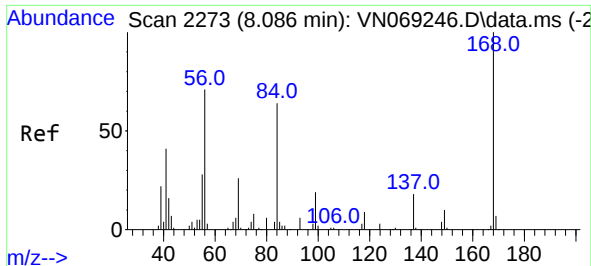
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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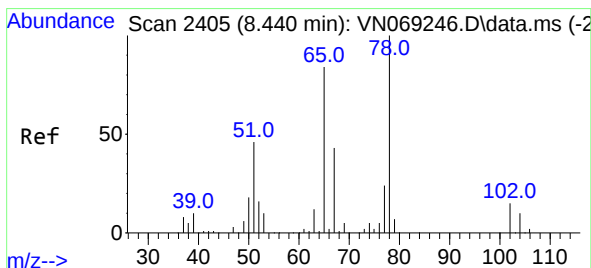
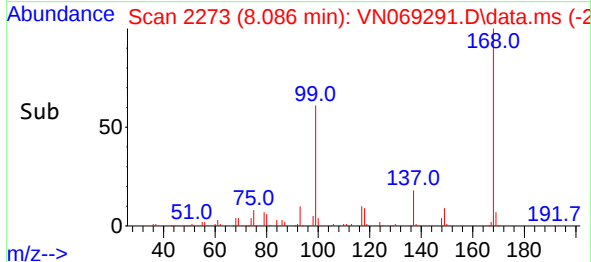
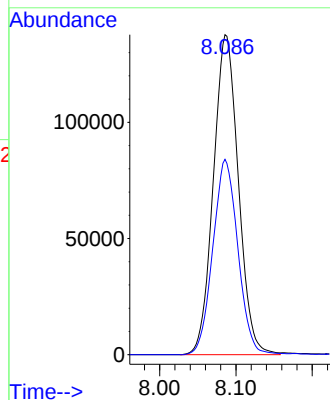
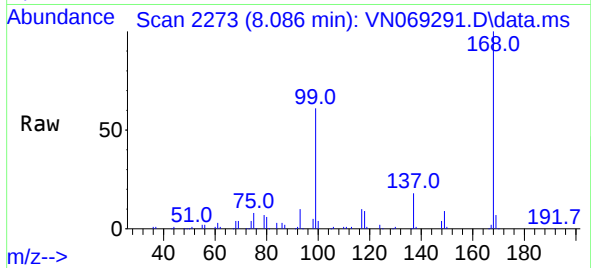




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069291.D
Acq: 29 Oct 2021 10:47

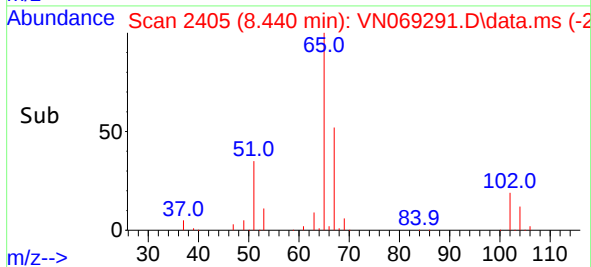
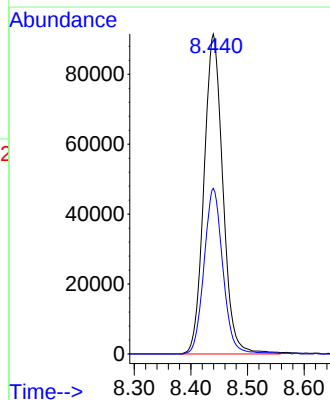
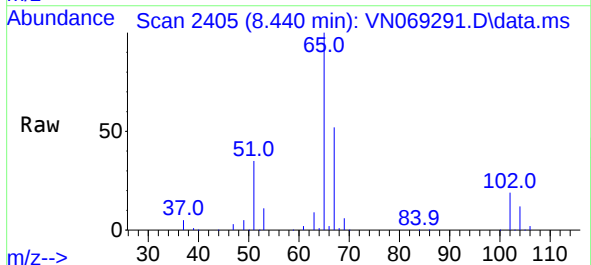
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

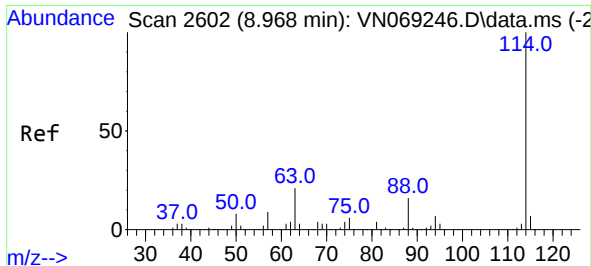
Tgt Ion:168 Resp: 313726
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.851 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069291.D
Acq: 29 Oct 2021 10:47

Tgt Ion: 65 Resp: 212176
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: VN069291.D

Acq: 29 Oct 2021 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1029MBL01

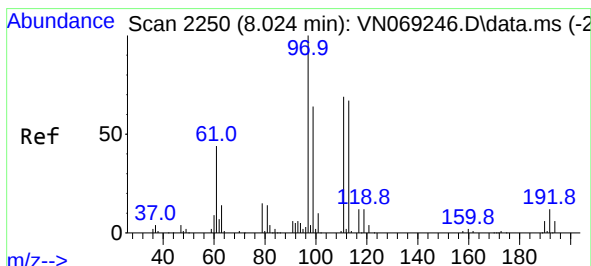
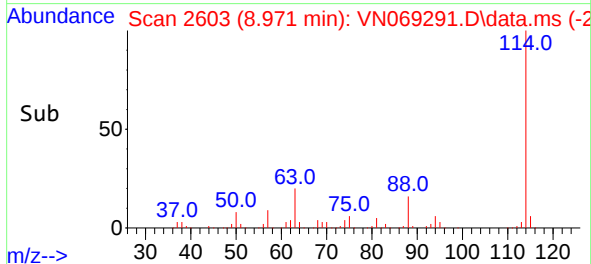
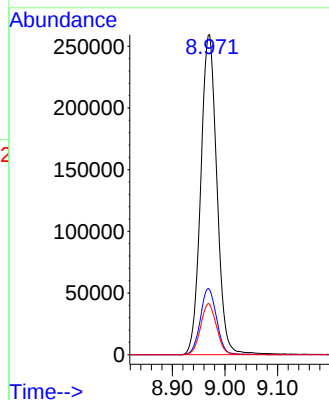
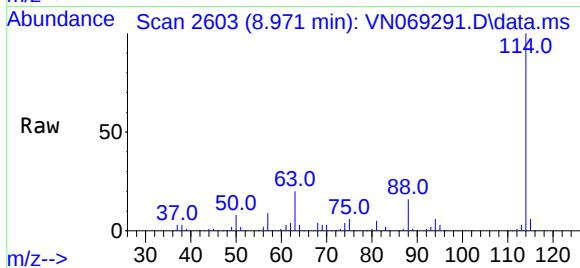
Tgt Ion:114 Resp: 552465

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.129 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069291.D

Acq: 29 Oct 2021 10:47

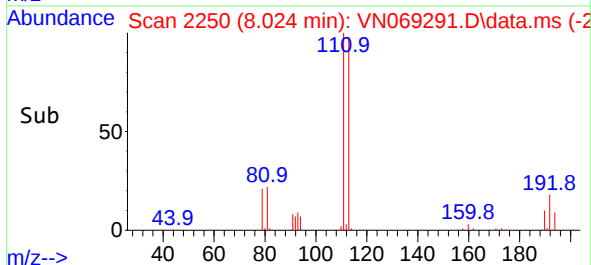
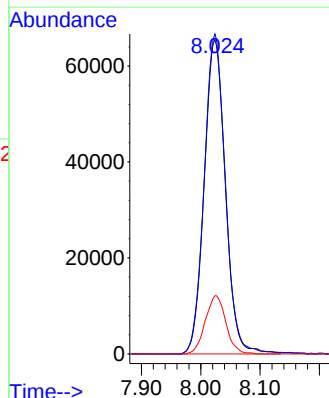
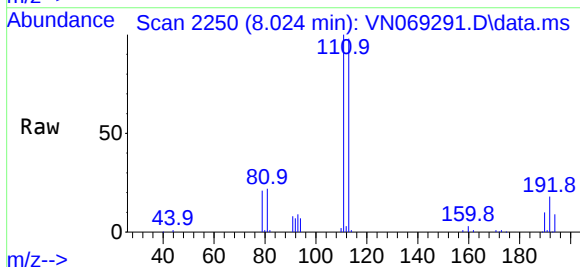
Tgt Ion:113 Resp: 162306

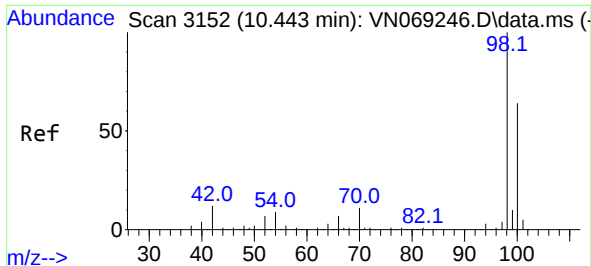
Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 18.1 15.0 22.4

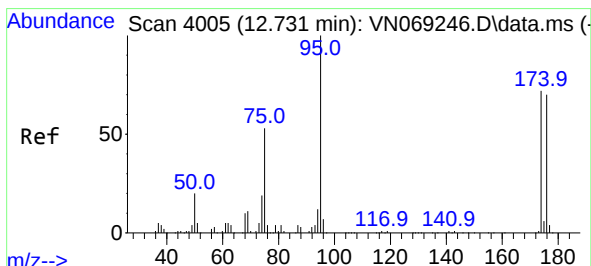
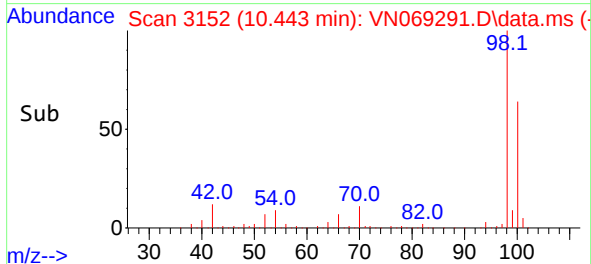
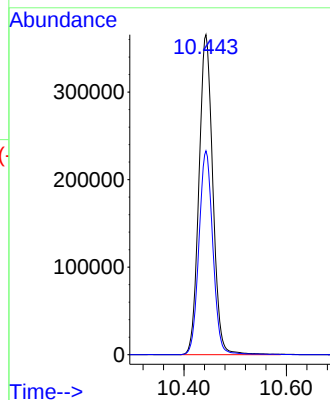
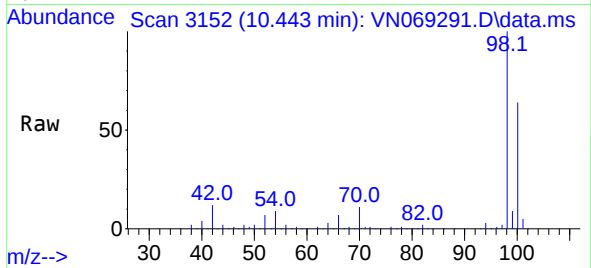




#50
Toluene-d8
Concen: 49.877 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069291.D
Acq: 29 Oct 2021 10:47

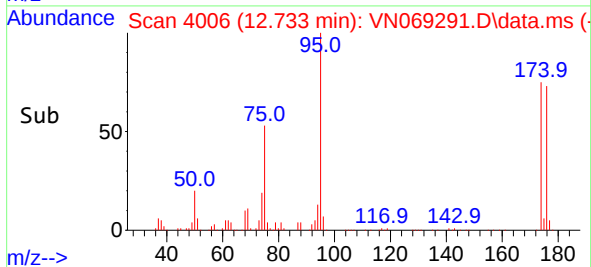
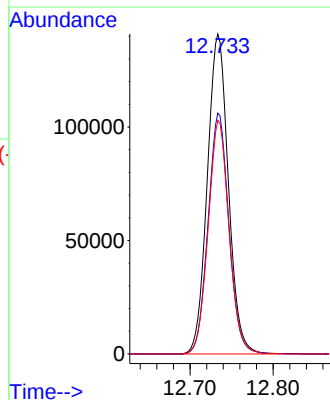
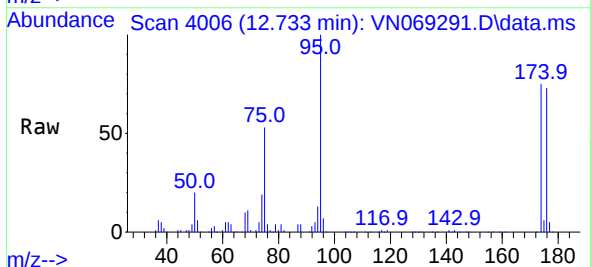
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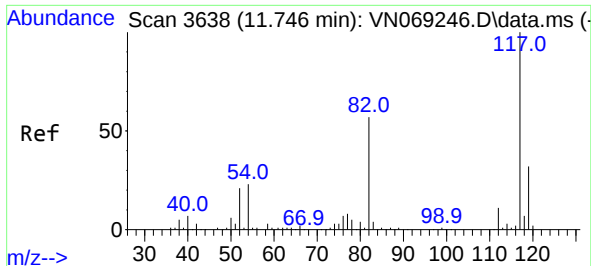
Tgt Ion: 98 Resp: 686788
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069291.D
Acq: 29 Oct 2021 10:47

Tgt Ion: 95 Resp: 247899
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.8
176 71.9 0.0 140.0

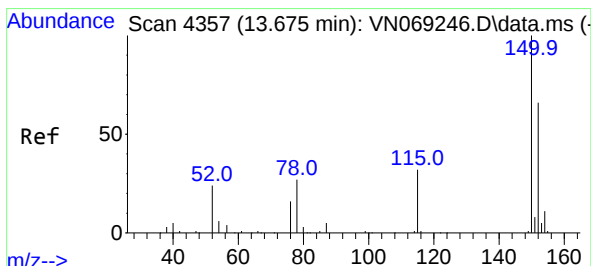
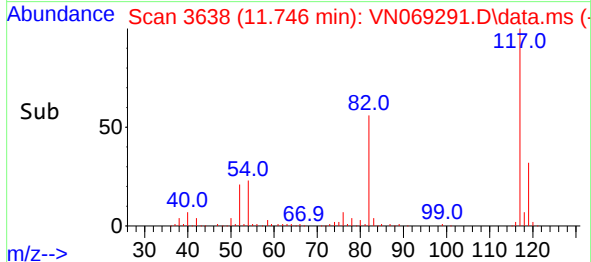
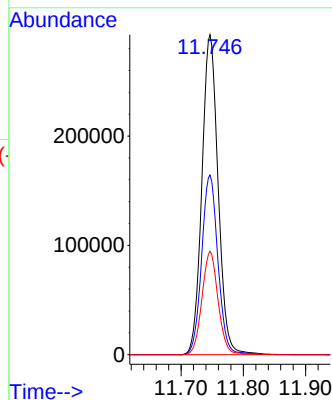
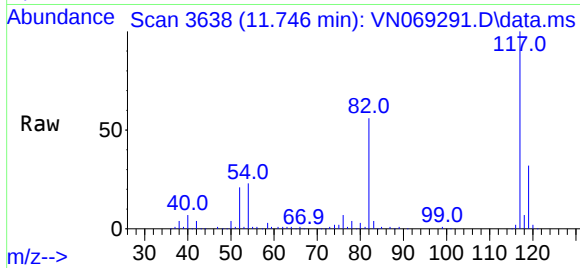




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069291.D
Acq: 29 Oct 2021 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN1029MBL01

Tgt Ion:117 Resp: 529728
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.3 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: VN069291.D
Acq: 29 Oct 2021 10:47

Tgt Ion:152 Resp: 201362
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 159.2 0.0 351.0

