

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068095.D
 Acq On : 12 Aug 2021 17:29
 Operator : JC/MD
 Sample : M3361-09 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41911

Quant Time: Aug 13 05:45:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	309660	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	603381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	593584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	238002	54.292	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.580%
35) Dibromofluoromethane	8.024	113	183831	52.278	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.560%
50) Toluene-d8	10.443	98	767042	47.476	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.733	95	253557	43.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.820%

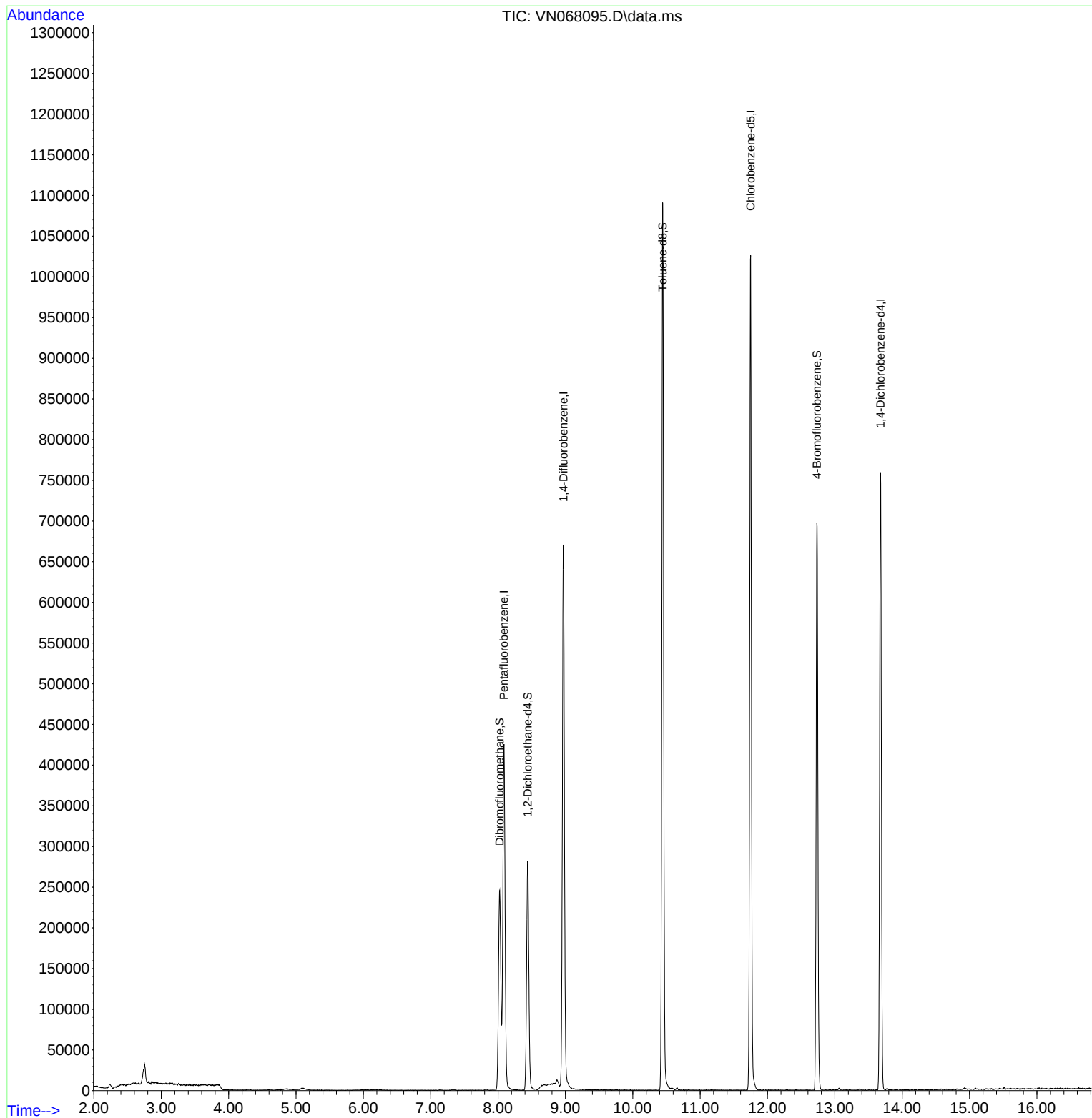
Target Compounds	Qvalue

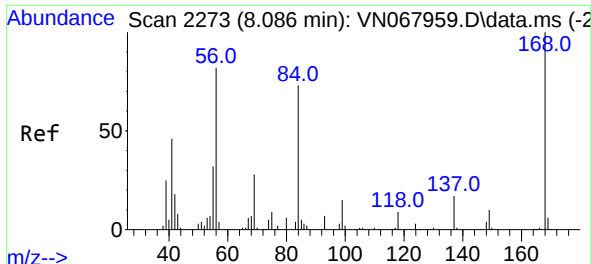
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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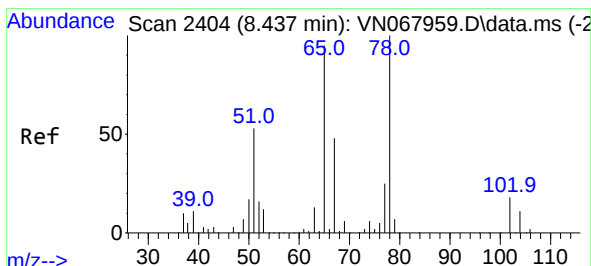
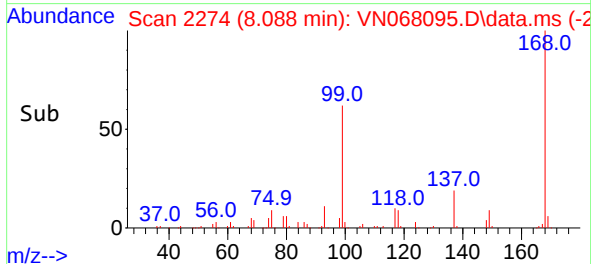
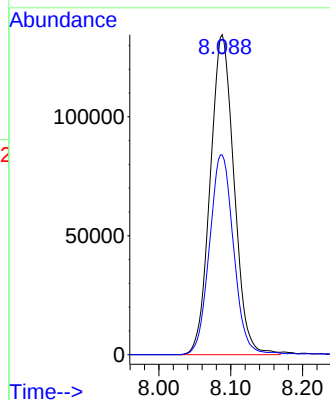
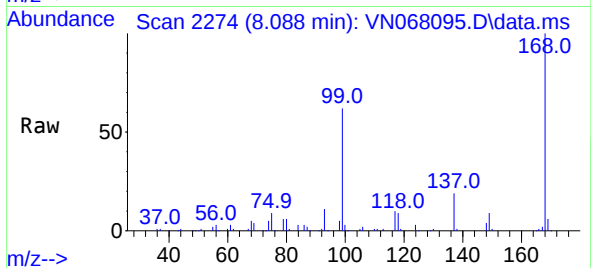




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

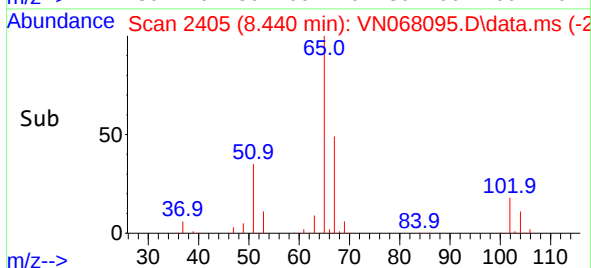
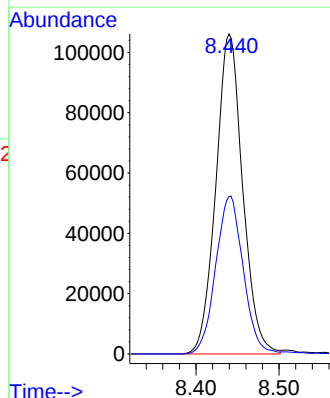
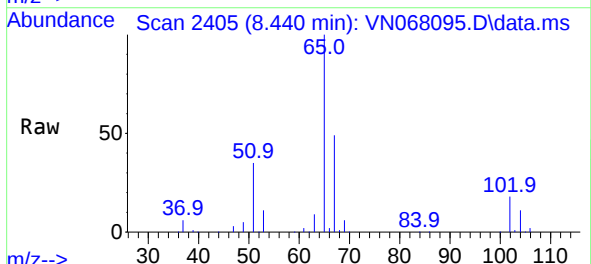
Instrument :
MSVOA_N
ClientSampled :
41911

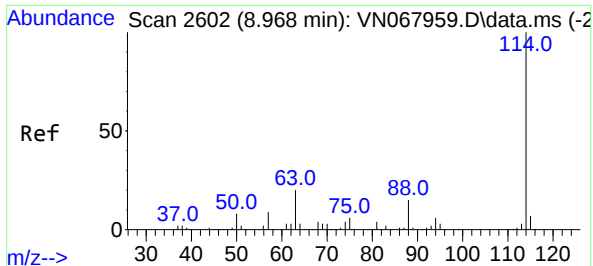
Tgt Ion:168 Resp: 309660
Ion Ratio Lower Upper
168 100
99 62.4 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 54.292 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

Tgt Ion: 65 Resp: 238002
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

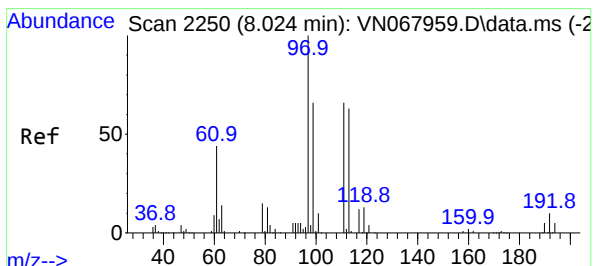
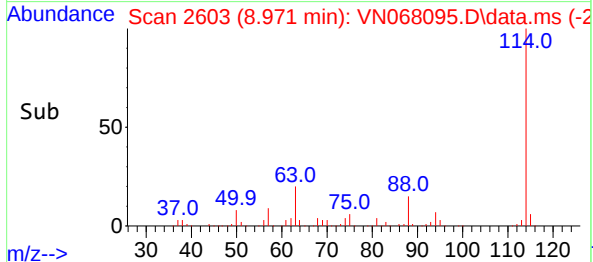
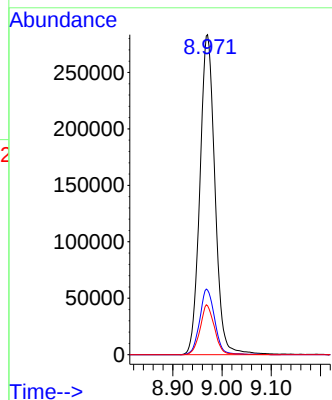
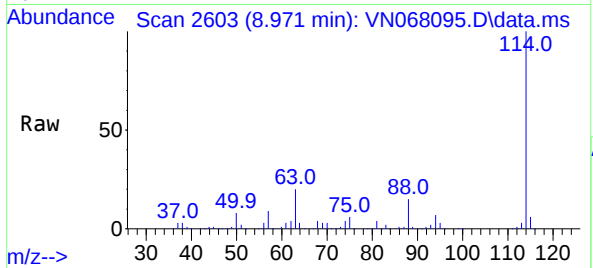




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

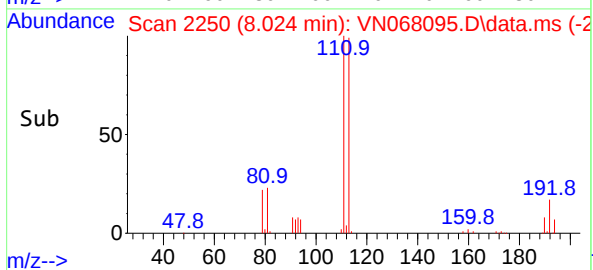
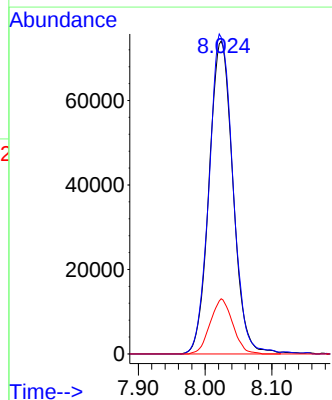
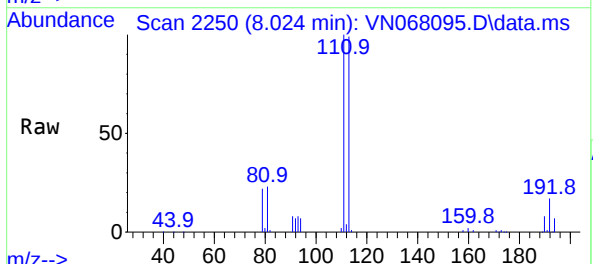
Instrument :
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ClientSampled :
41911

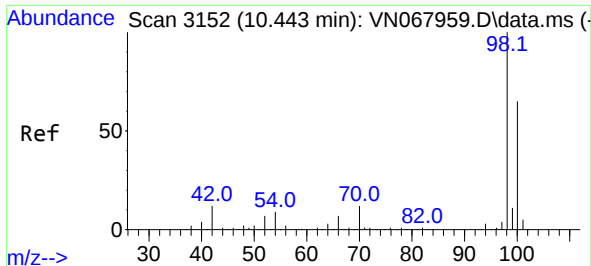
Tgt Ion:114 Resp: 603381
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.278 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

Tgt Ion:113 Resp: 183831
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 16.7 13.4 20.0

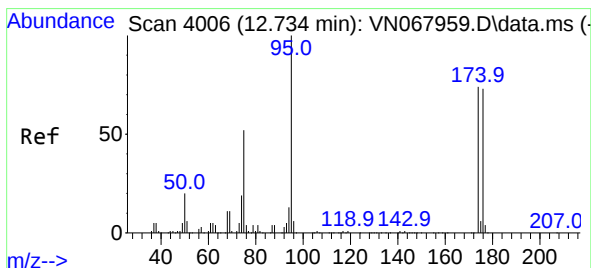
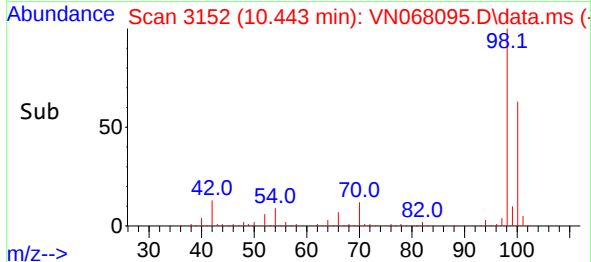
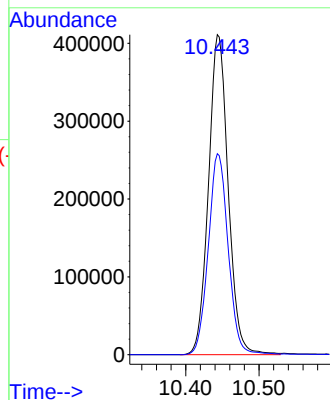
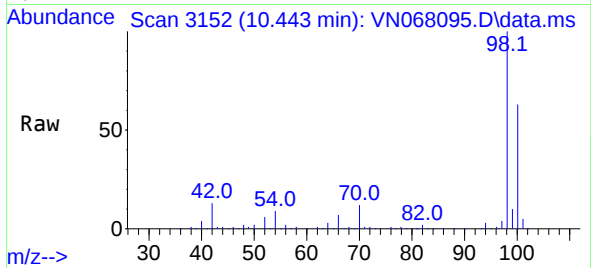




#50
Toluene-d8
Concen: 47.476 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

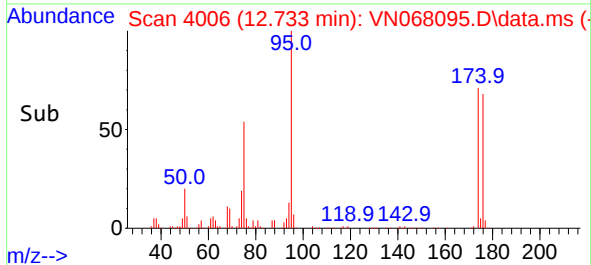
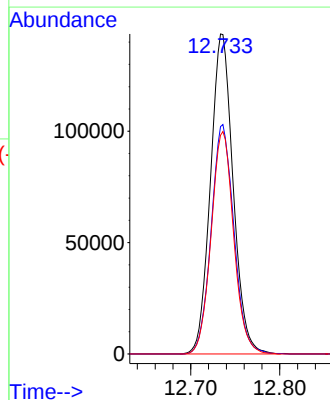
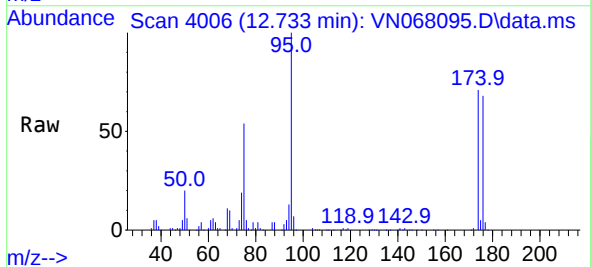
Instrument :
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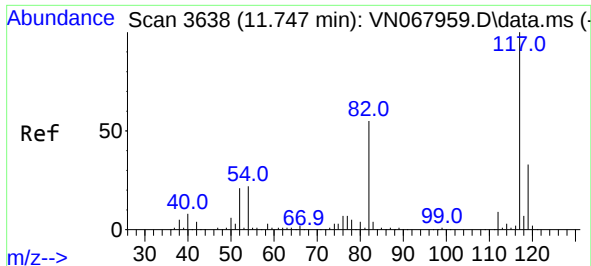
Tgt Ion: 98 Resp: 767042
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.414 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

Tgt Ion: 95 Resp: 253557
Ion Ratio Lower Upper
95 100
174 72.1 0.0 122.0
176 69.3 0.0 117.6

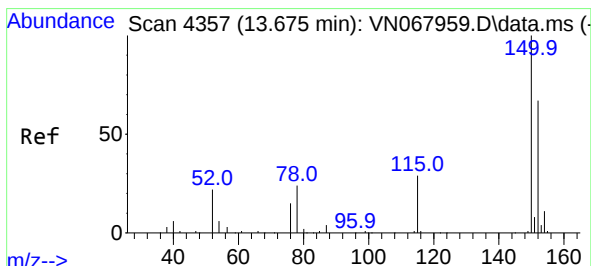
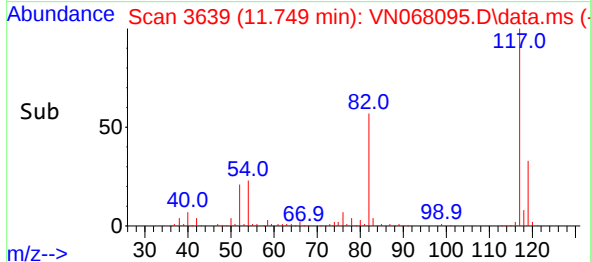
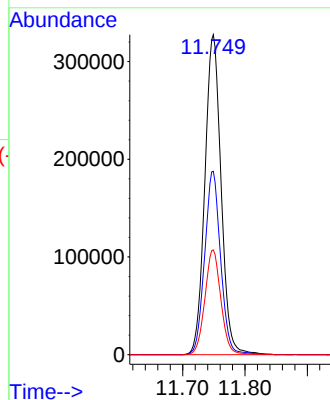
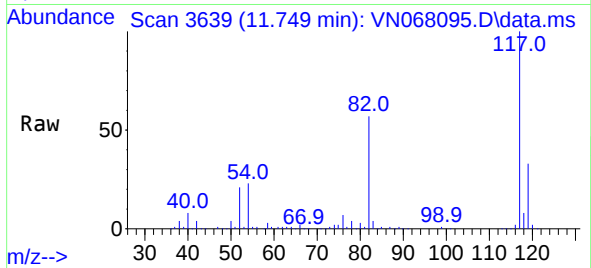




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

Instrument :
MSVOA_N
ClientSampled :
41911

Tgt Ion:117 Resp: 593584
Ion Ratio Lower Upper
117 100
82 57.3 53.1 79.7
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068095.D
Acq: 12 Aug 2021 17:29

Tgt Ion:152 Resp: 203901
Ion Ratio Lower Upper
152 100
115 61.6 36.1 108.5
150 158.9 0.0 351.8

