

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068179.D
 Acq On : 18 Aug 2021 7:11
 Operator : JC/MD
 Sample : M3432-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 18 08:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	385770	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	657712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	653332	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	243267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	226120	54.897	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.800%	
35) Dibromofluoromethane	8.024	113	208212	50.423	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.840%	
50) Toluene-d8	10.446	98	795908	50.585	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.736	95	253496	48.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.800%	

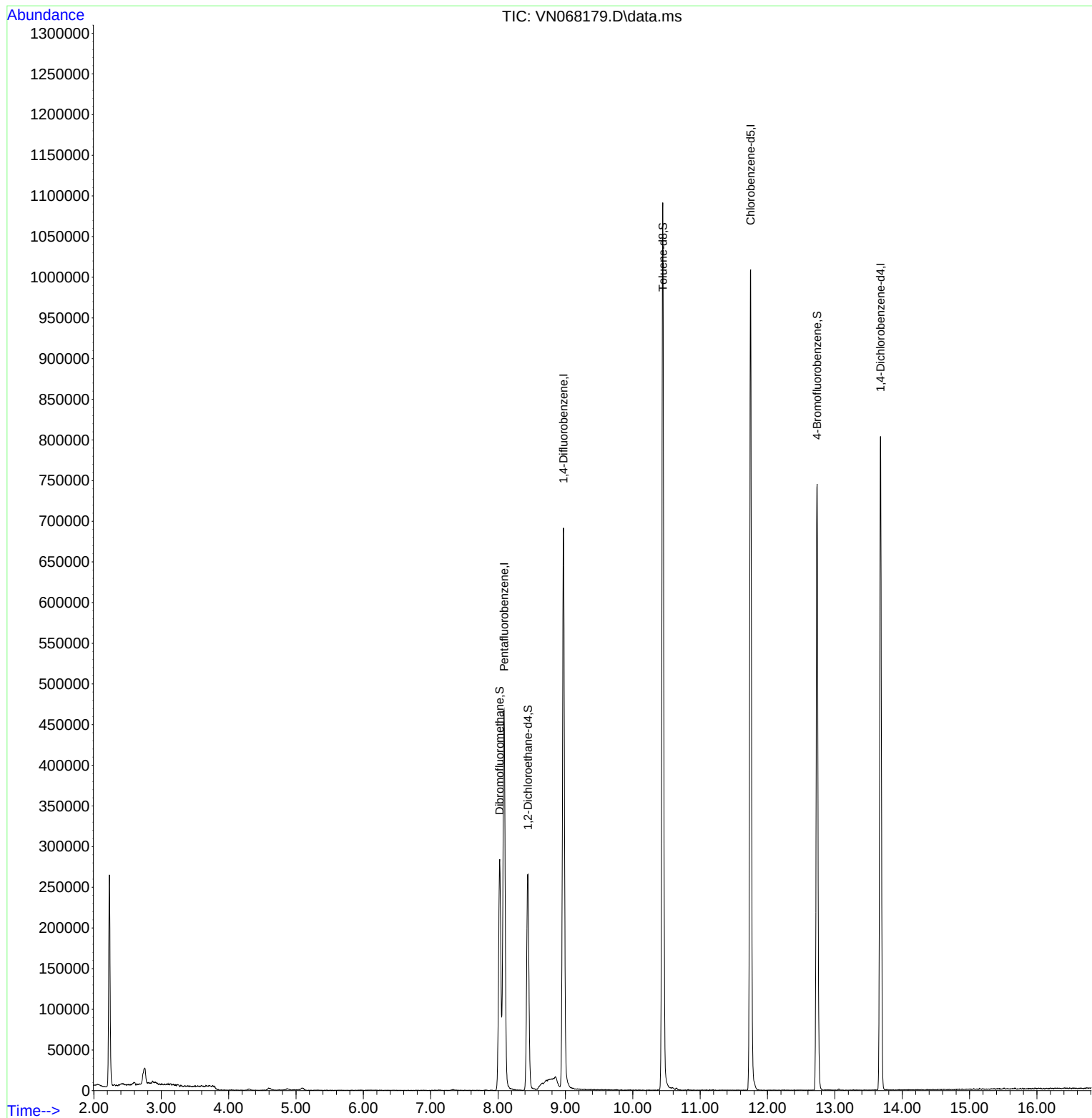
Target Compounds	Qvalue

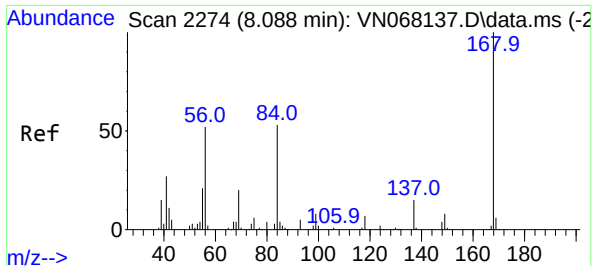
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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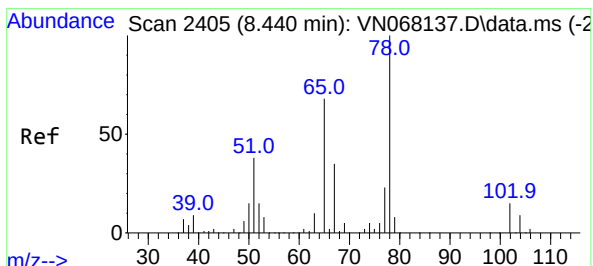
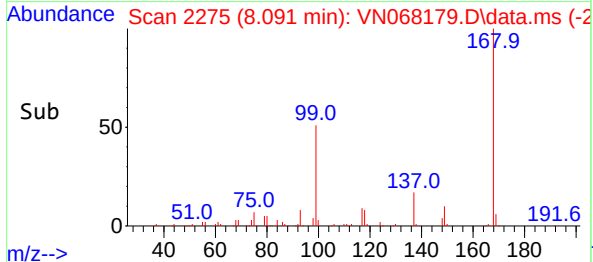
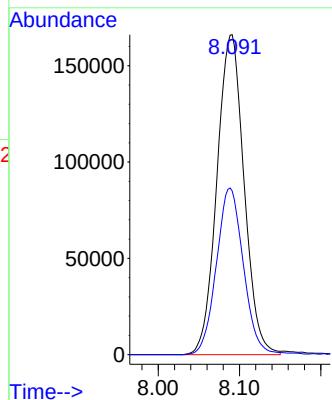
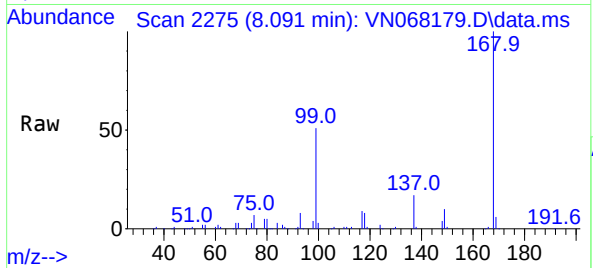




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

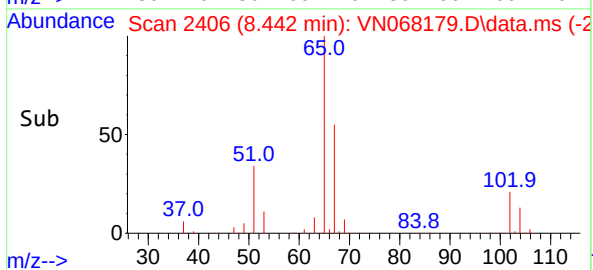
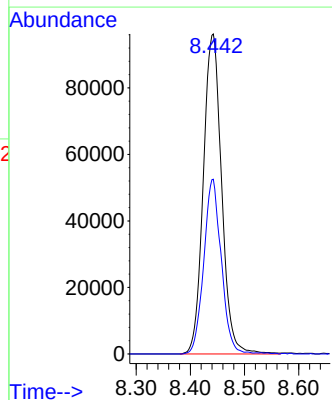
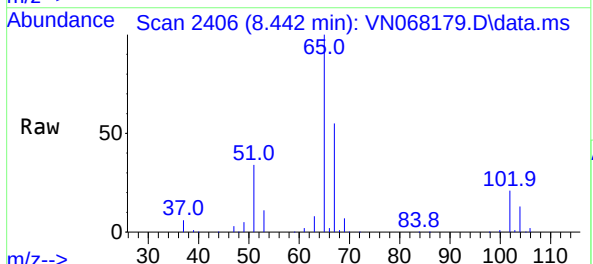
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

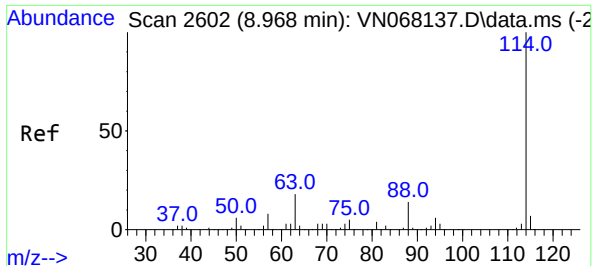
Tgt Ion:168 Resp: 385770
Ion Ratio Lower Upper
168 100
99 51.1 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 54.897 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 65 Resp: 226120
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.6

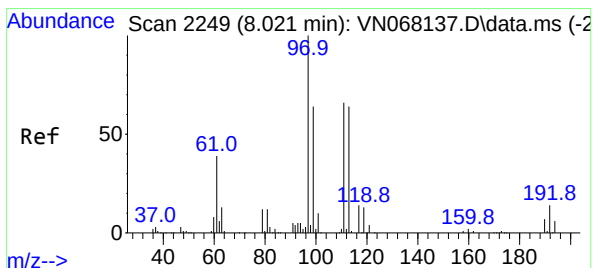
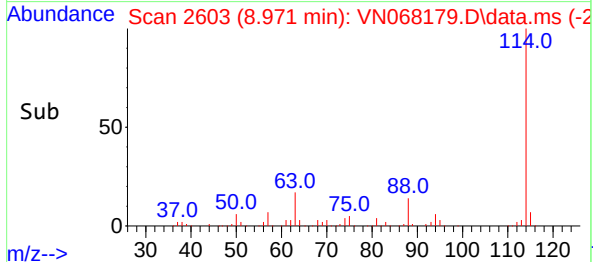
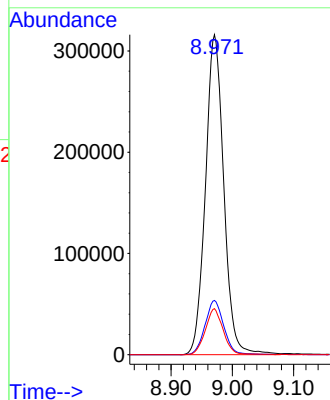
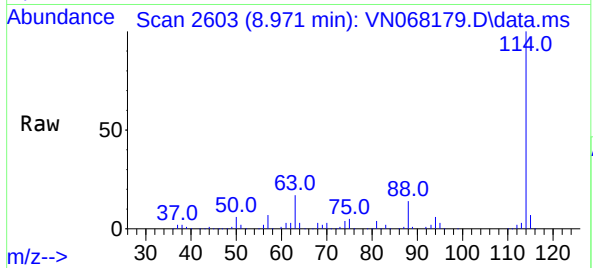




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

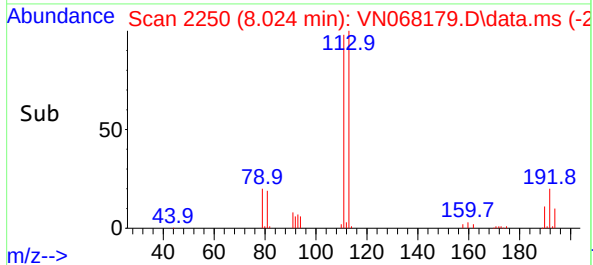
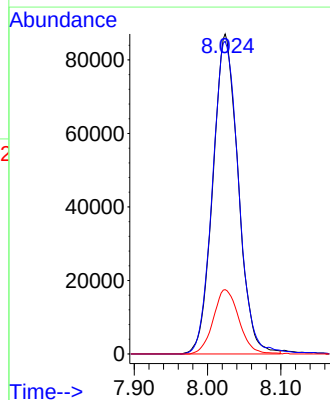
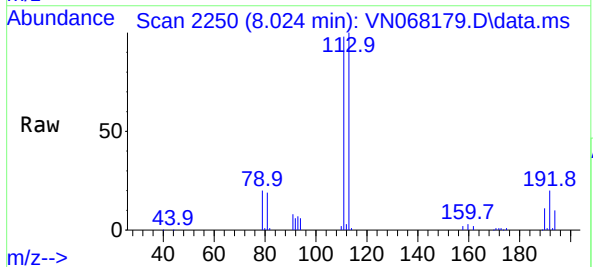
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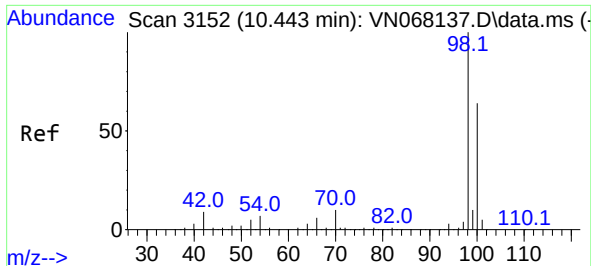
Tgt Ion:114 Resp: 657712
Ion Ratio Lower Upper
114 100
63 17.0 0.0 49.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.423 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion:113 Resp: 208212
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.8
192 20.5 13.4 20.0#

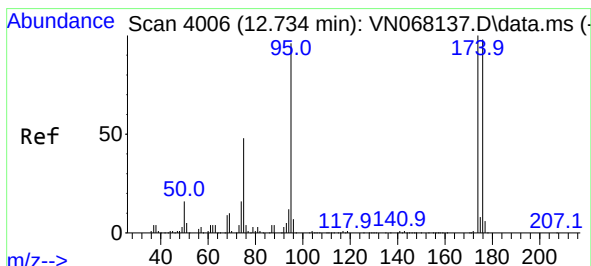
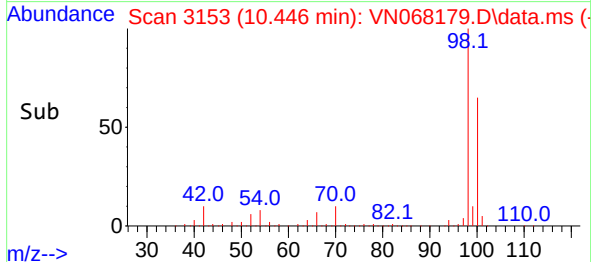
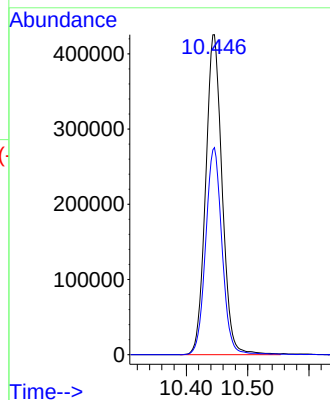
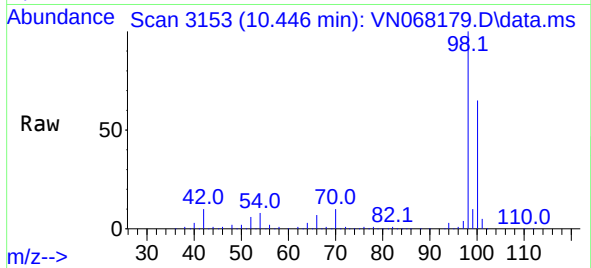




#50
Toluene-d8
Concen: 50.585 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

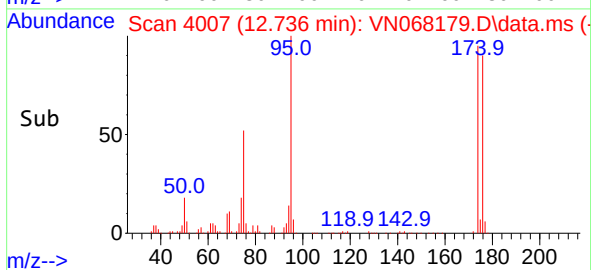
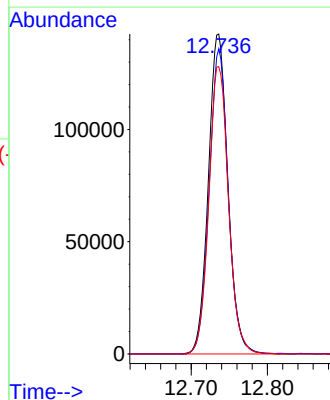
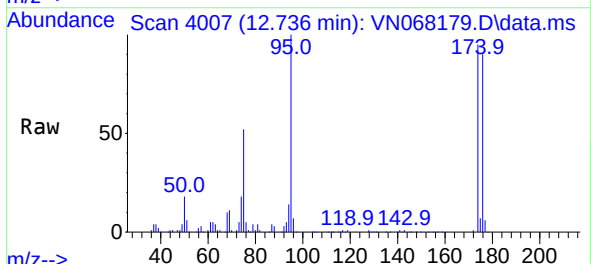
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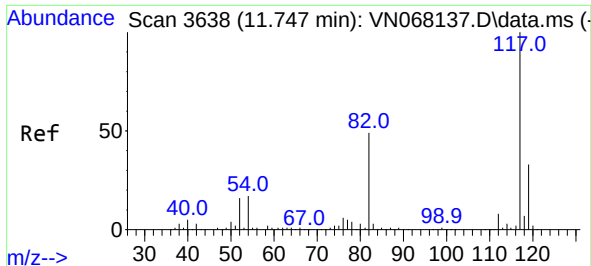
Tgt Ion: 98 Resp: 795908
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion: 95 Resp: 253496
Ion Ratio Lower Upper
95 100
174 93.8 0.0 122.0
176 90.3 0.0 117.6

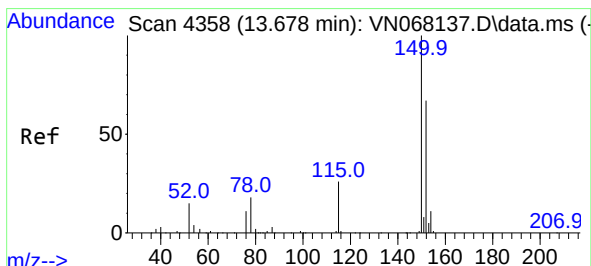
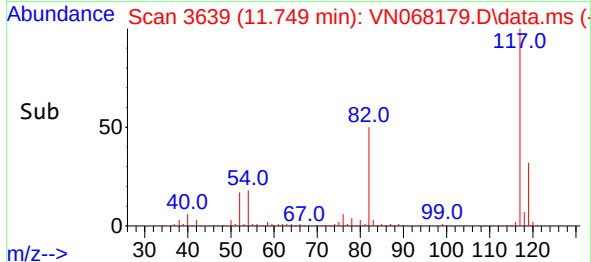
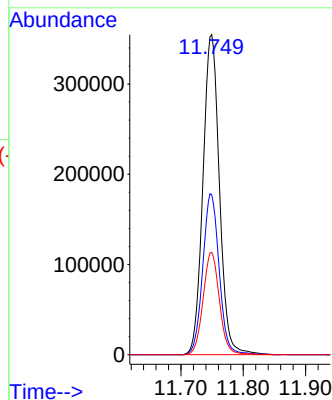
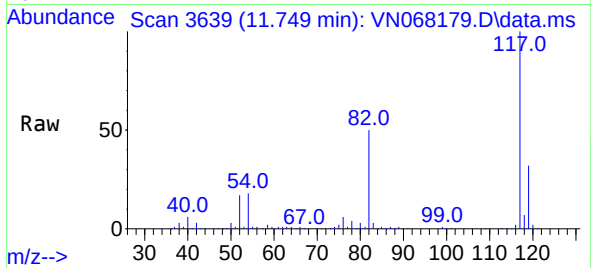




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 653332
Ion Ratio Lower Upper
117 100
82 50.0 53.1 79.7#
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068179.D
Acq: 18 Aug 2021 7:11

Tgt Ion:152 Resp: 243267
Ion Ratio Lower Upper
152 100
115 55.1 36.1 108.5
150 154.0 0.0 351.8

