

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068064.D
 Acq On : 11 Aug 2021 10:15
 Operator : JC/MD
 Sample : VN0811WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBL01

Quant Time: Aug 12 07:10:47 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	321296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	619504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	595863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	205588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	245772	54.034	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.060%	
35) Dibromofluoromethane	8.024	113	194214	53.793	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.580%	
50) Toluene-d8	10.443	98	794979	47.888	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.780%	
62) 4-Bromofluorobenzene	12.736	95	250269	41.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 83.860%	

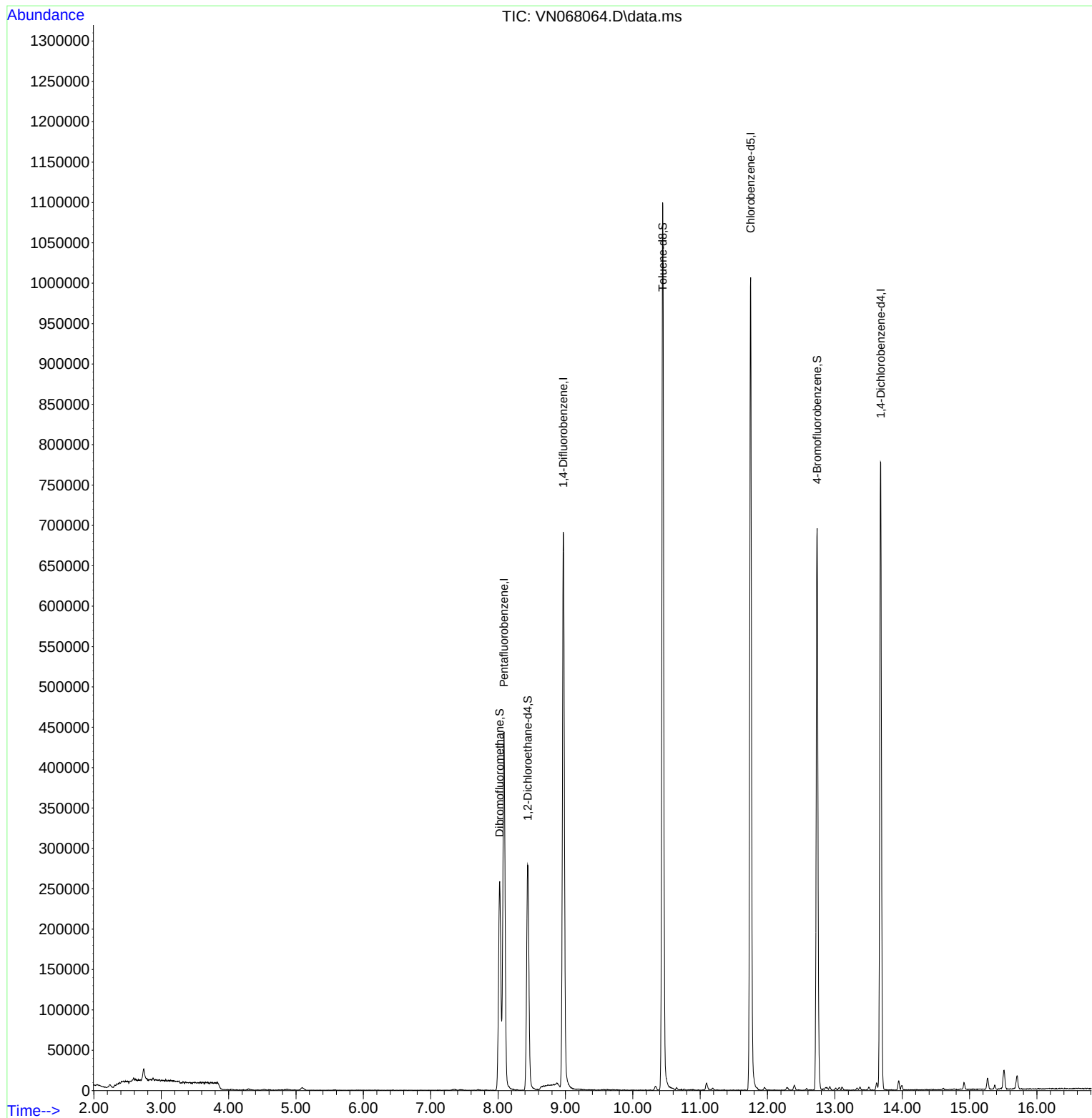
Target Compounds	Qvalue

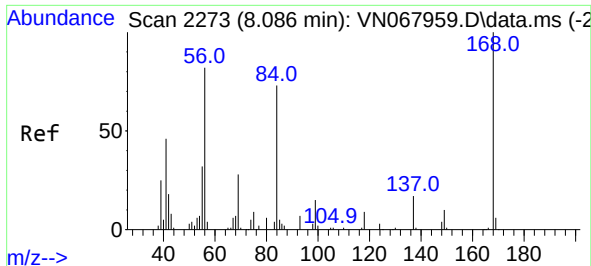
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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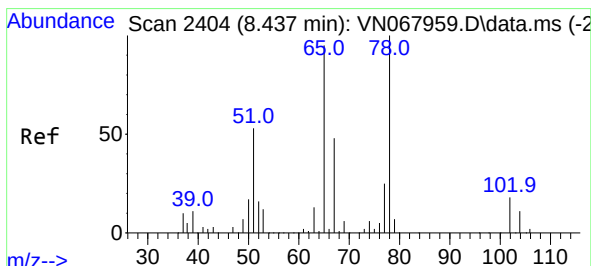
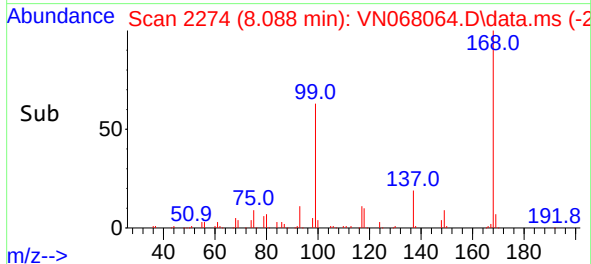
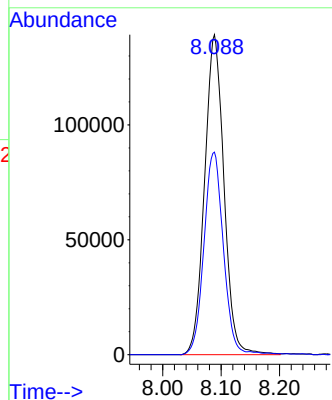
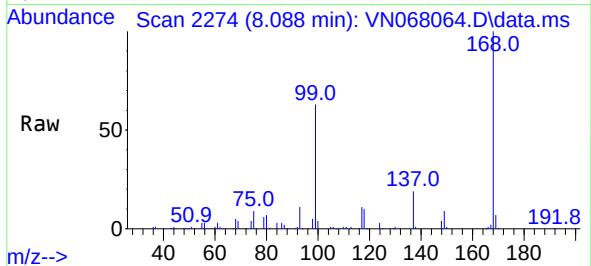




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

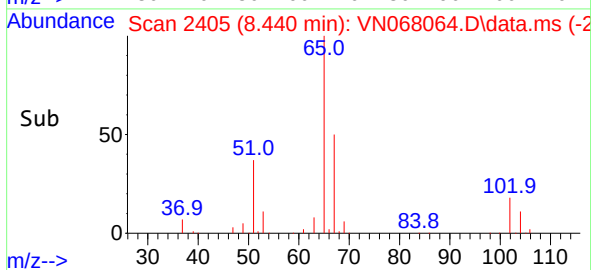
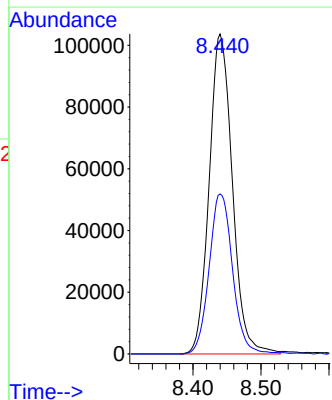
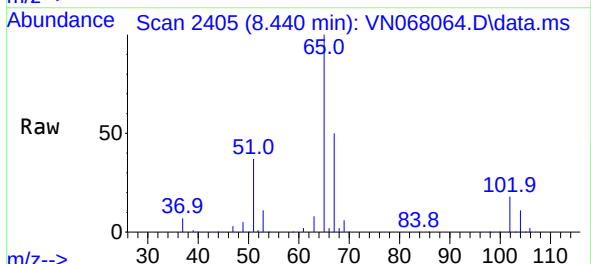
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

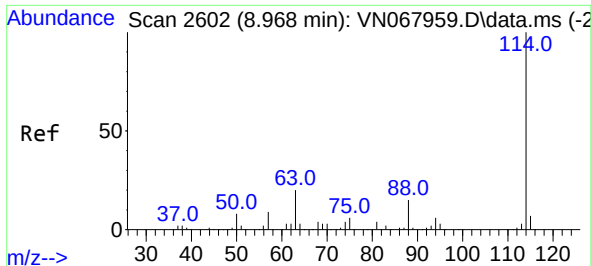
Tgt Ion:168 Resp: 321296
Ion Ratio Lower Upper
168 100
99 63.3 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 54.034 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

Tgt Ion: 65 Resp: 245772
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

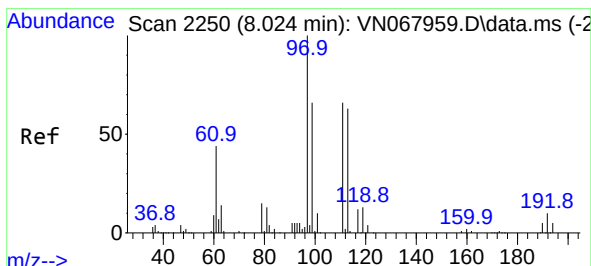
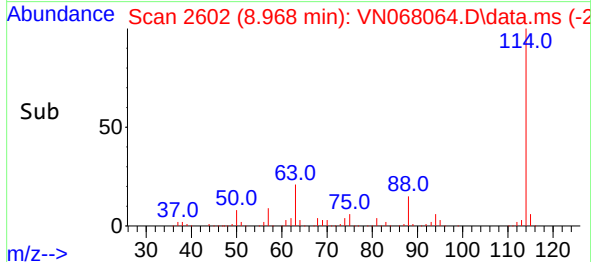
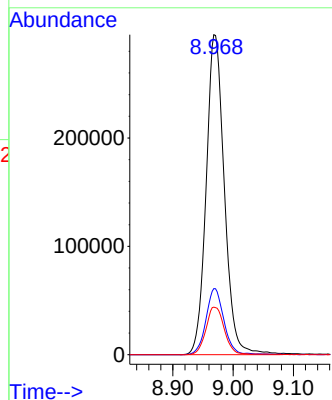
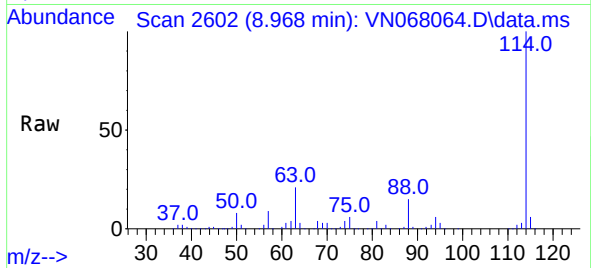




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

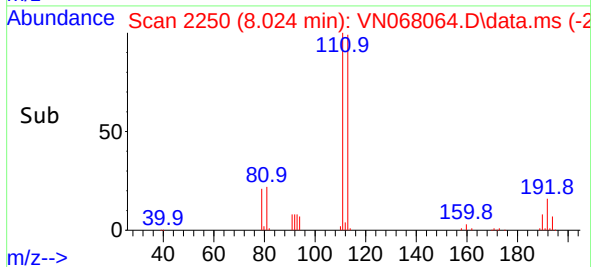
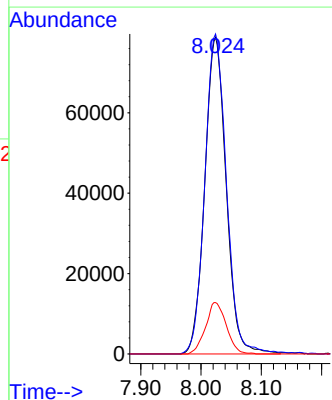
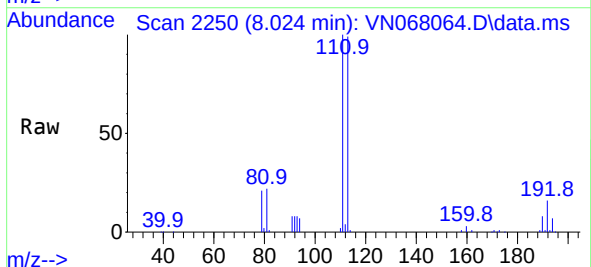
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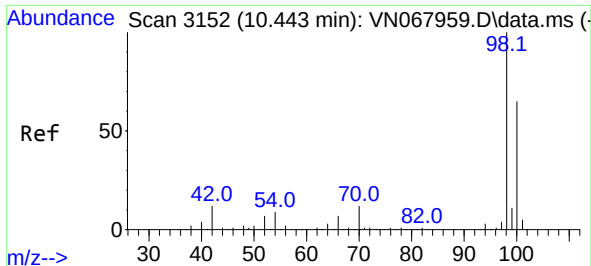
Tgt Ion:114 Resp: 619504
Ion Ratio Lower Upper
114 100
63 20.7 0.0 49.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.793 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

Tgt Ion:113 Resp: 194214
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 15.8 13.4 20.0

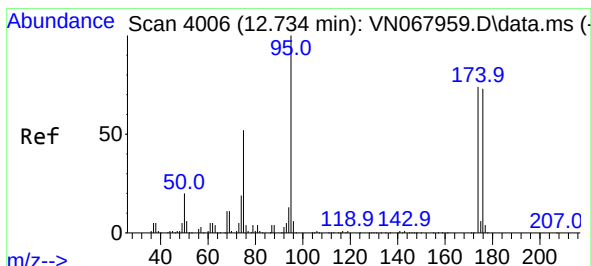
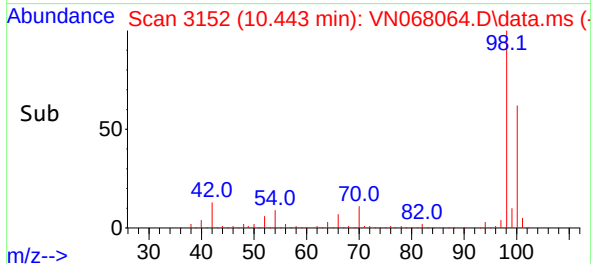
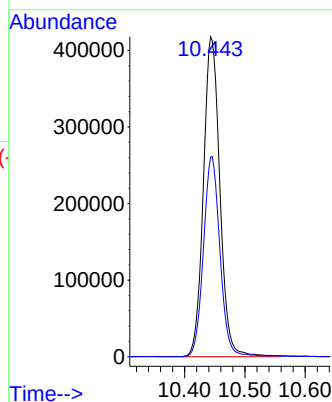
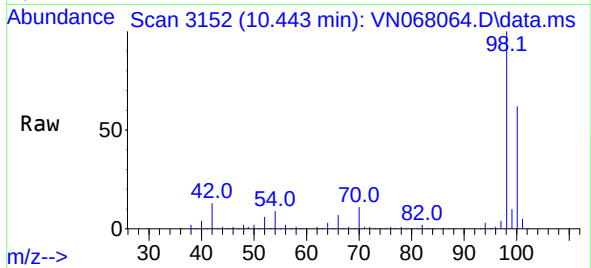




#50
Toluene-d8
Concen: 47.888 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

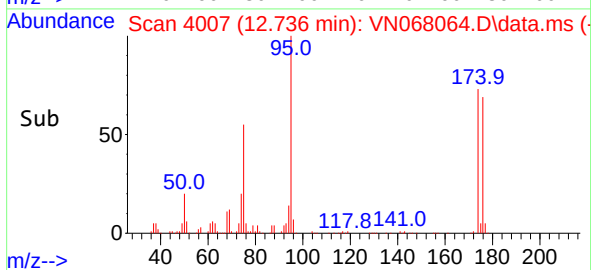
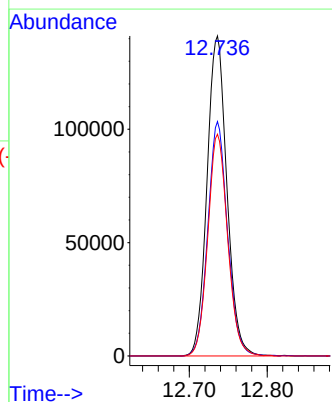
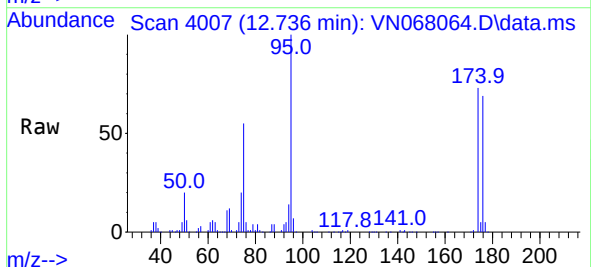
Instrument :
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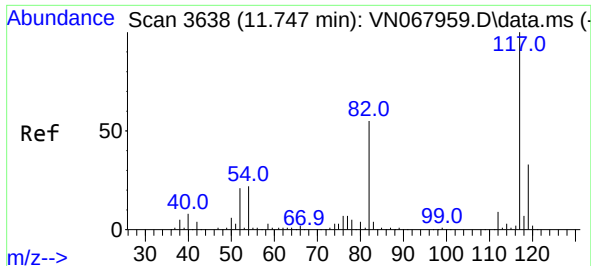
Tgt Ion: 98 Resp: 794979
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.928 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

Tgt Ion: 95 Resp: 250269
Ion Ratio Lower Upper
95 100
174 72.8 0.0 122.0
176 69.3 0.0 117.6

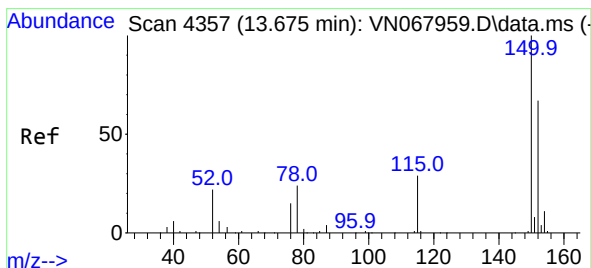
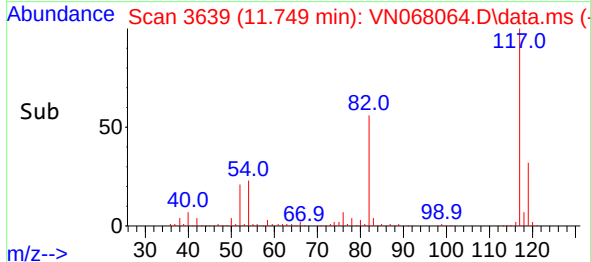
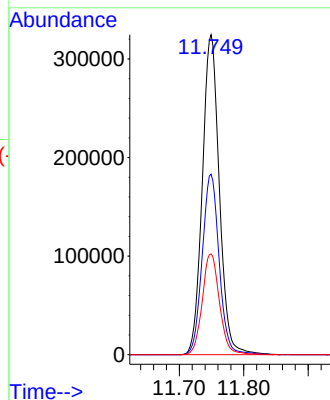
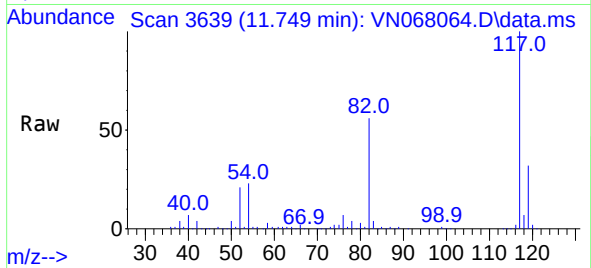




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

Tgt Ion:117 Resp: 595863
Ion Ratio Lower Upper
117 100
82 56.4 53.1 79.7
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN068064.D
Acq: 11 Aug 2021 10:15

Tgt Ion:152 Resp: 205588
Ion Ratio Lower Upper
152 100
115 61.9 36.1 108.5
150 156.8 0.0 351.8

