

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068075.D
 Acq On : 11 Aug 2021 17:02
 Operator : JC/MD
 Sample : M3360-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41266

Quant Time: Aug 12 07:12:58 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	8.086	168	294497	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	581198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	565931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	195737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229879	55.139	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.280%	
35) Dibromofluoromethane	8.021	113	179893	53.111	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.220%	
50) Toluene-d8	10.443	98	727935	46.833	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.660%	
62) 4-Bromofluorobenzene	12.736	95	239643	42.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.380%	

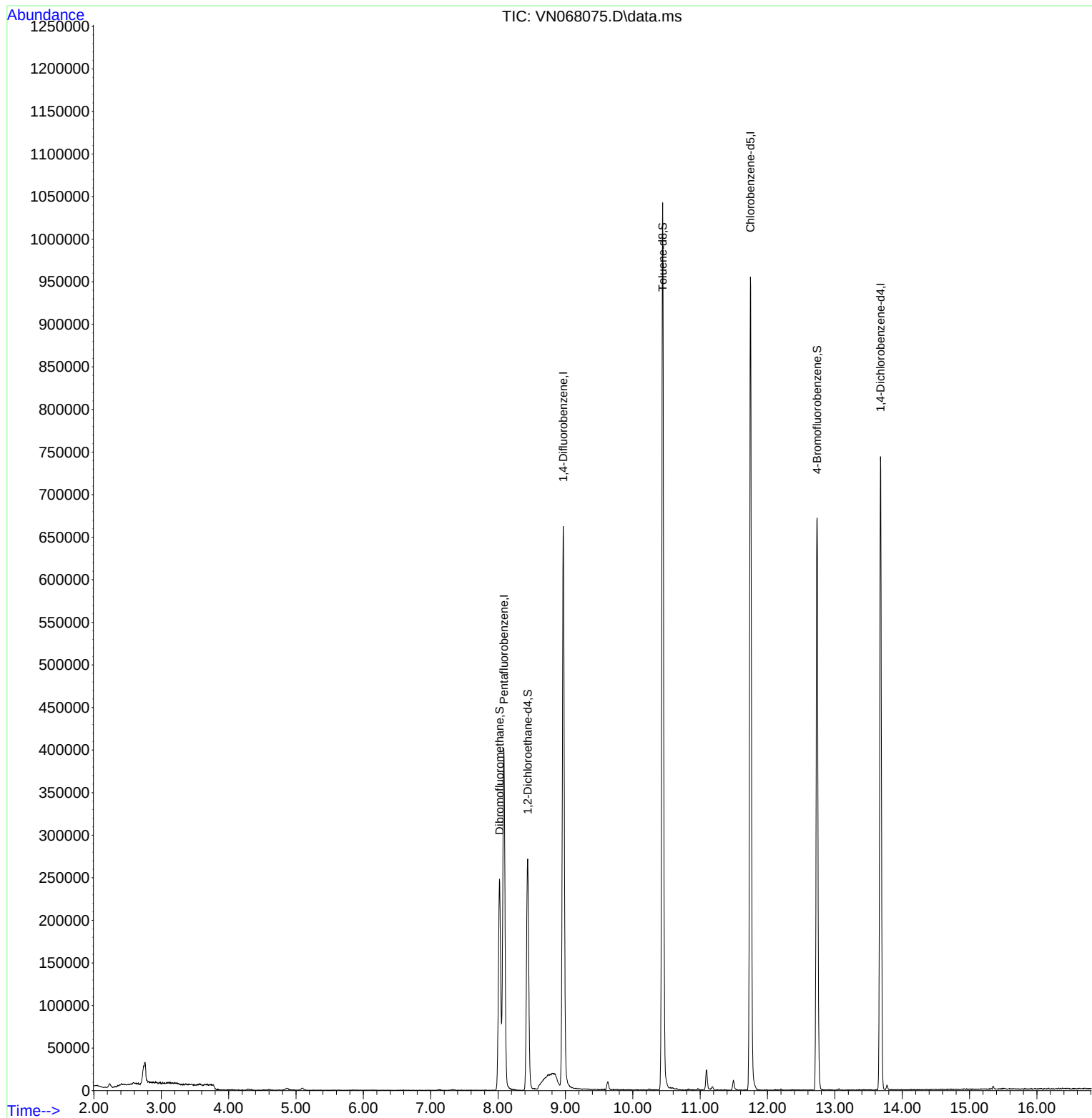
Target Compounds	Qvalue

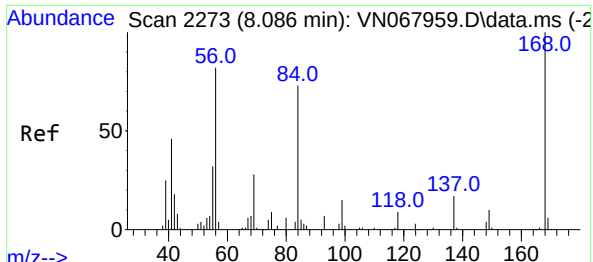
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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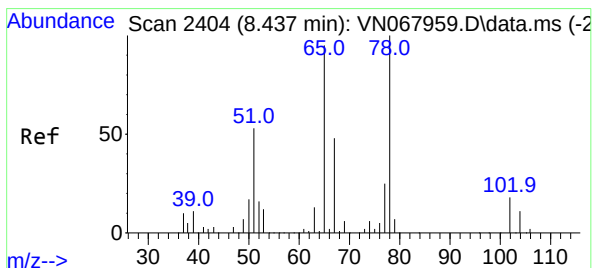
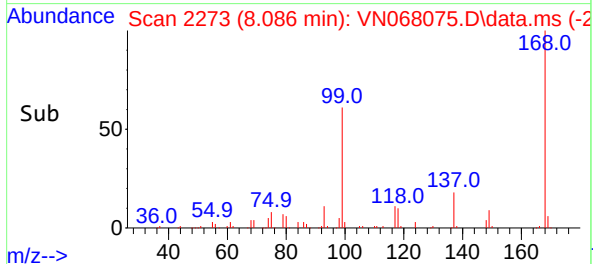
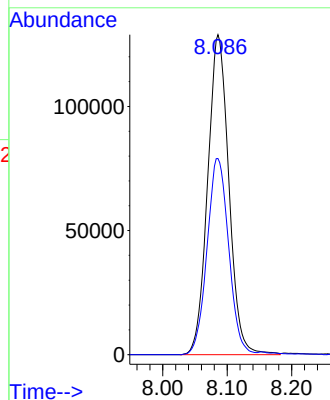
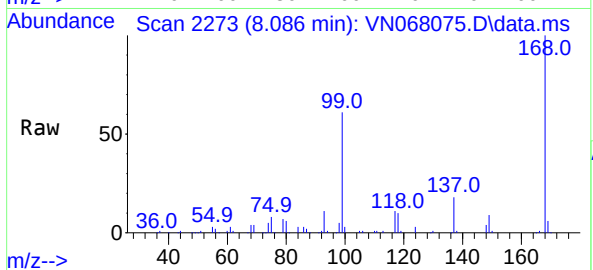




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

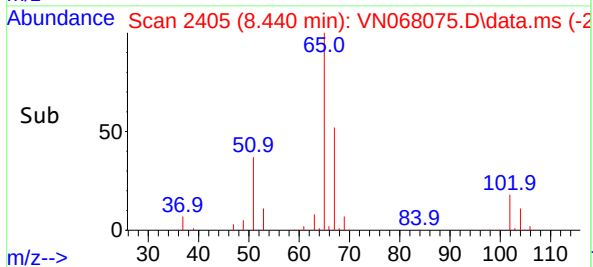
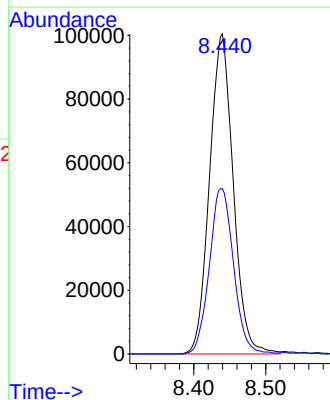
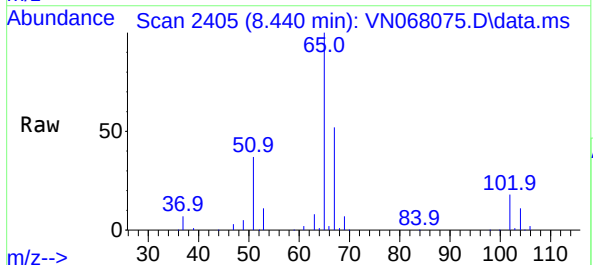
Instrument :
MSVOA_N
ClientSampled :
41266

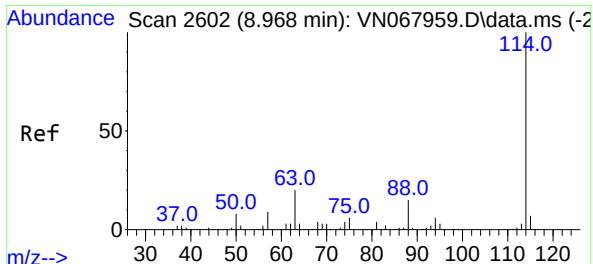
Tgt Ion:168 Resp: 294497
Ion Ratio Lower Upper
168 100
99 61.3 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 55.139 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion: 65 Resp: 229879
Ion Ratio Lower Upper
65 100
67 52.7 0.0 98.6

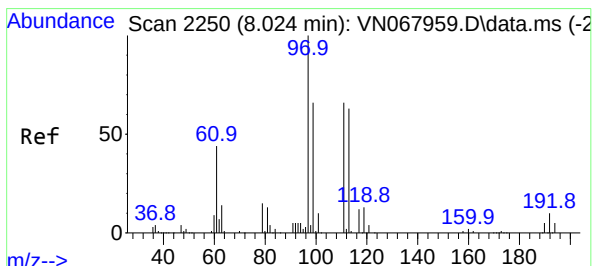
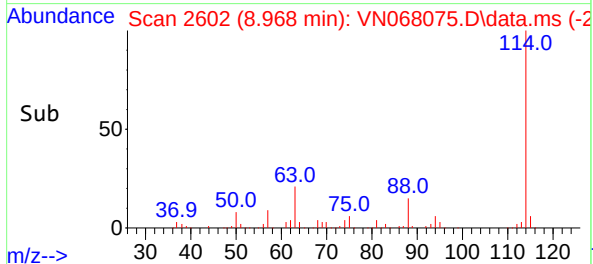
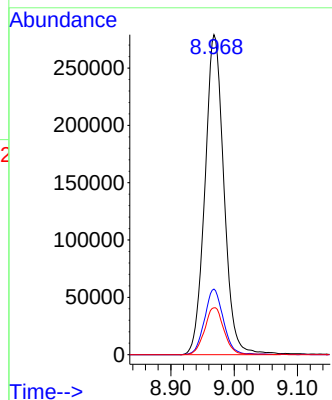
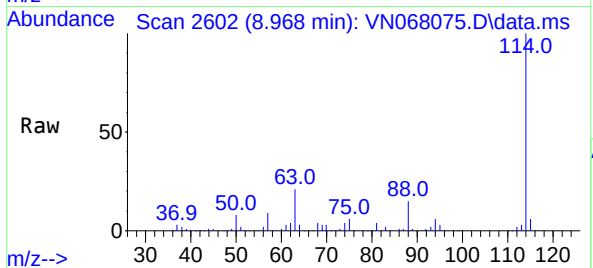




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

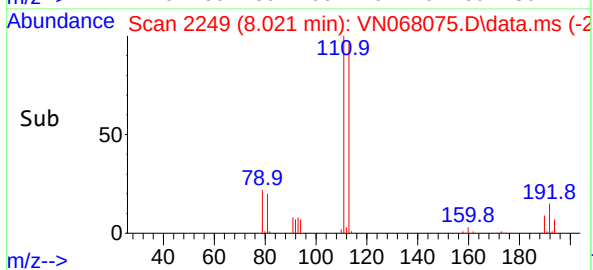
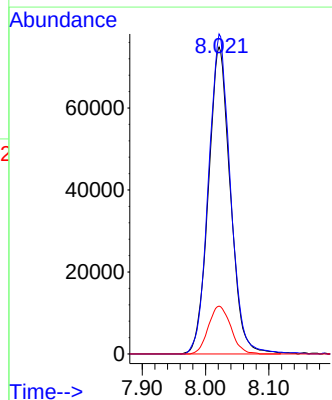
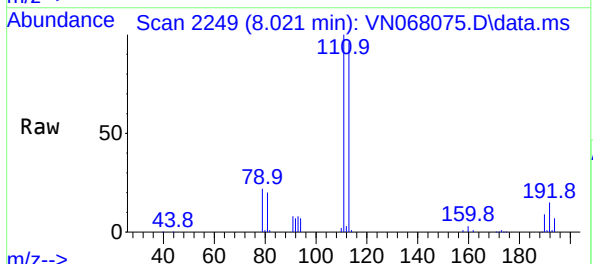
Instrument :
MSVOA_N
ClientSampleId :
41266

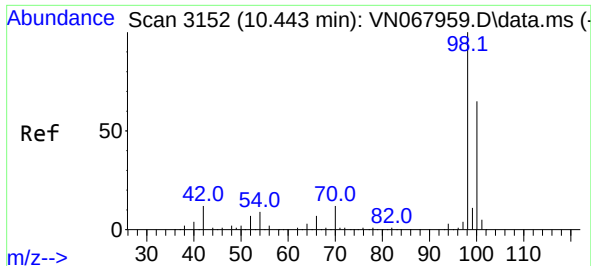
Tgt Ion:114 Resp: 581198
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.111 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion:113 Resp: 179893
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 16.0 13.4 20.0

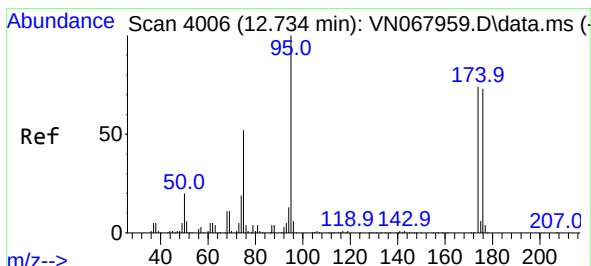
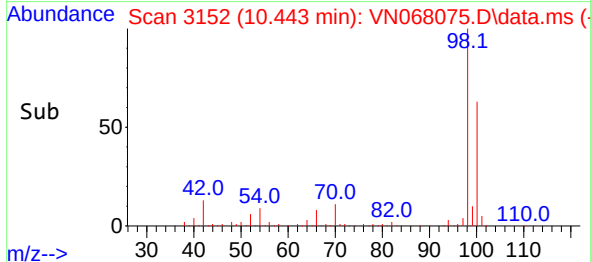
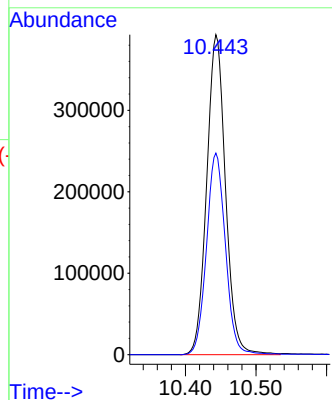
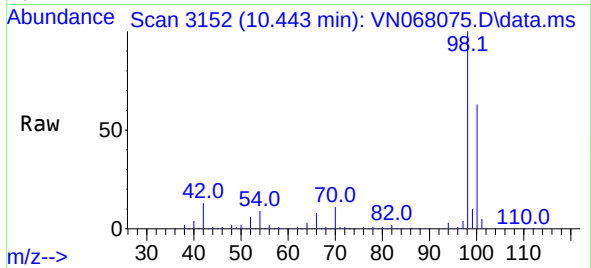




#50
Toluene-d8
Concen: 46.833 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

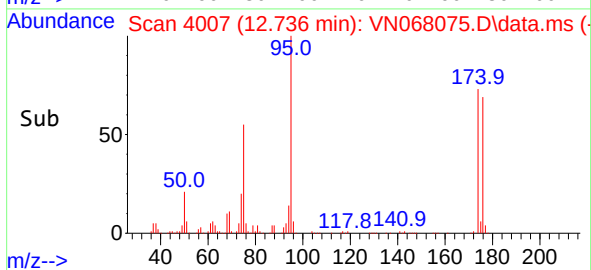
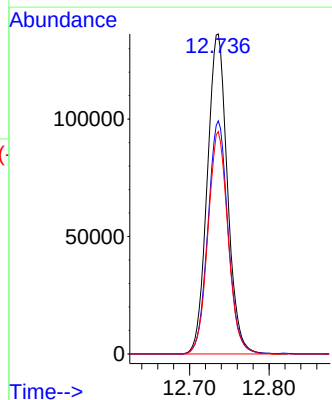
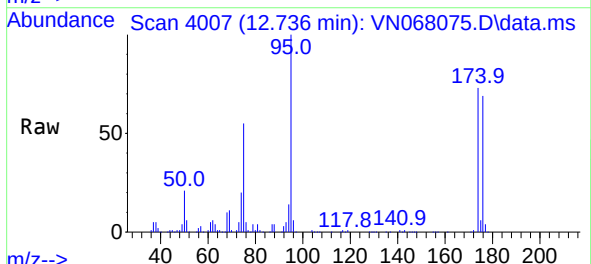
Instrument :
MSVOA_N
ClientSampleId :
41266

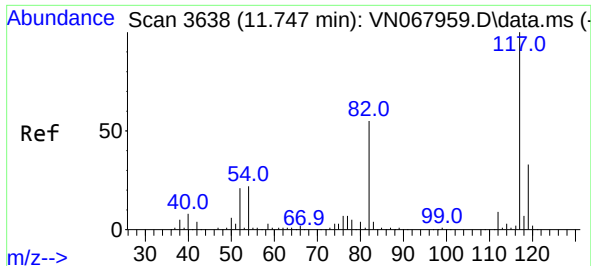
Tgt Ion: 98 Resp: 727935
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.691 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion: 95 Resp: 239643
Ion Ratio Lower Upper
95 100
174 72.9 0.0 122.0
176 69.3 0.0 117.6

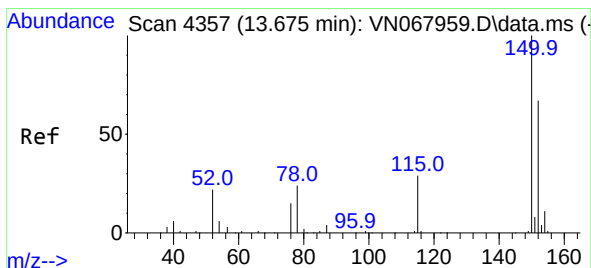
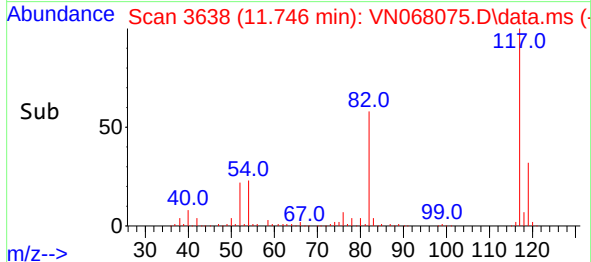
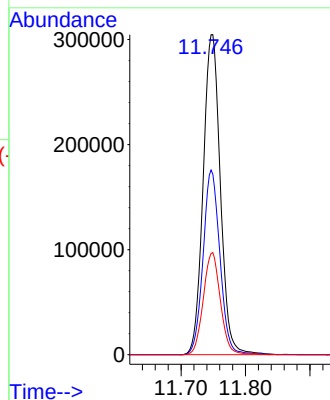
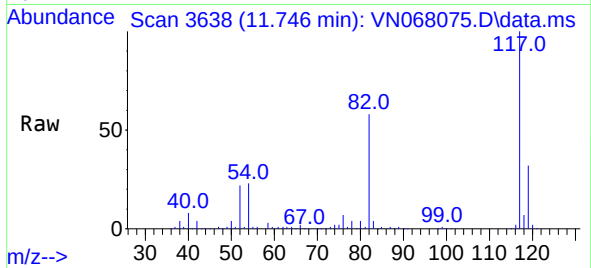




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Instrument :
MSVOA_N
ClientSampleId :
41266

Tgt Ion:117 Resp: 565931
Ion Ratio Lower Upper
117 100
82 57.7 53.1 79.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068075.D
Acq: 11 Aug 2021 17:02

Tgt Ion:152 Resp: 195737
Ion Ratio Lower Upper
152 100
115 63.6 36.1 108.5
150 159.3 0.0 351.8

