

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067879.D
 Acq On : 23 Jul 2021 14:51
 Operator : JC/MD
 Sample : M3160-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 24 01:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	291013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	551983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	530048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	182730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230646	52.442	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.880%
35) Dibromofluoromethane	8.024	113	171305	51.367	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.740%
50) Toluene-d8	10.443	98	710308	50.884	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.733	95	227216	46.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.160%

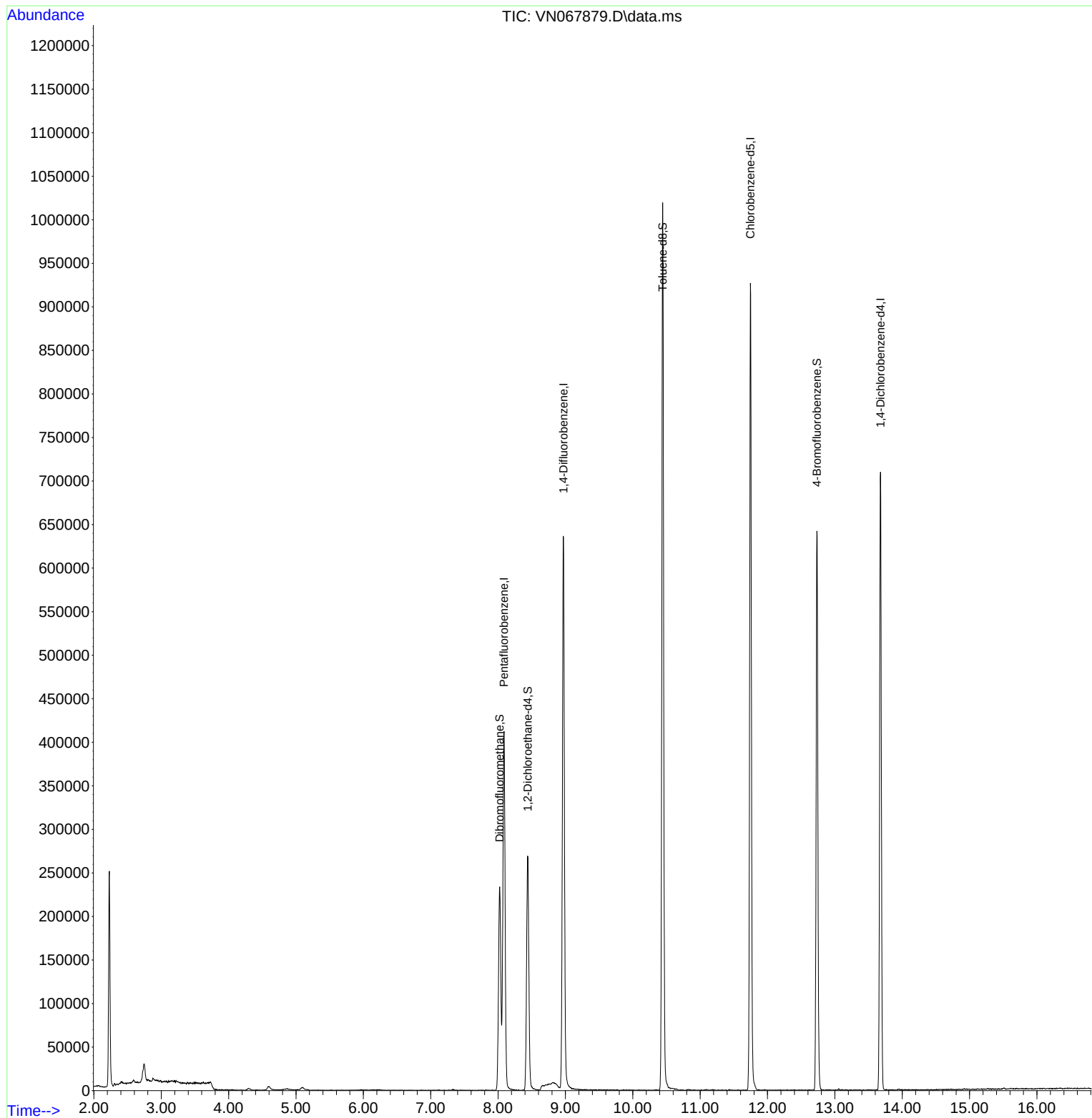
Target Compounds	Qvalue

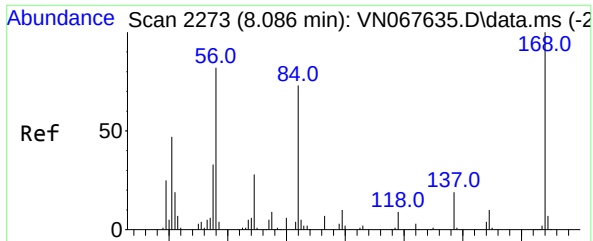
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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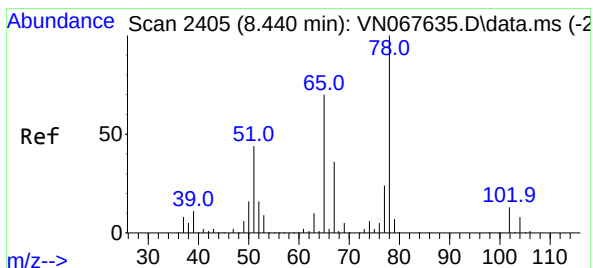
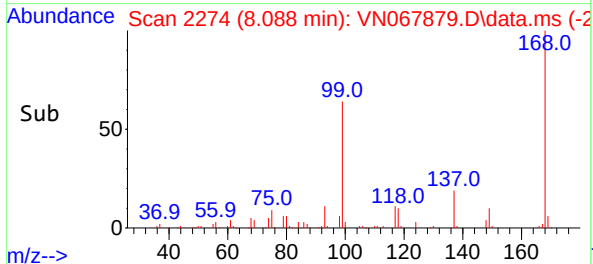
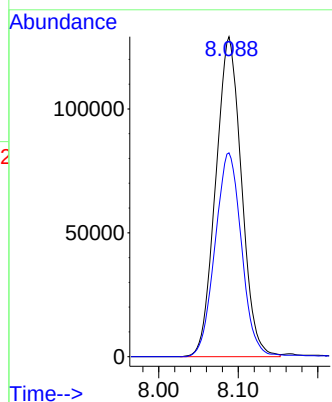
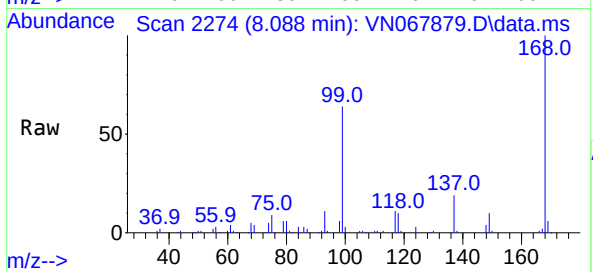




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

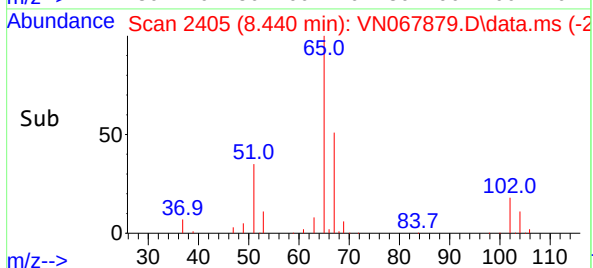
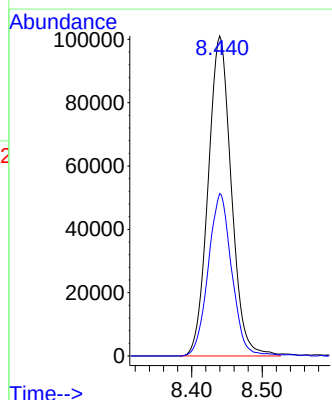
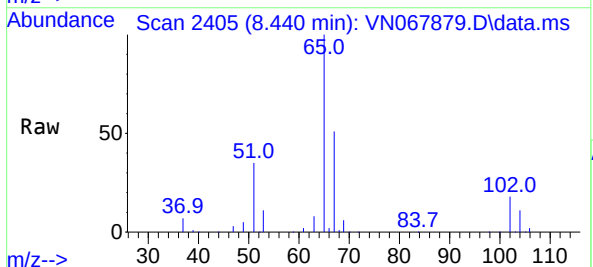
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

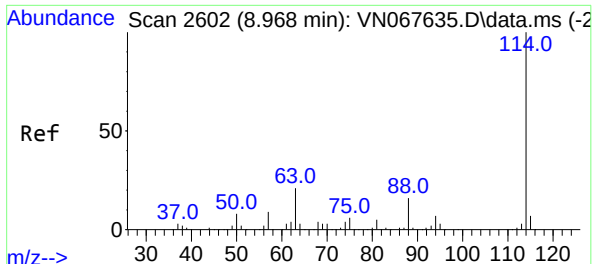
Tgt Ion:168 Resp: 291013
Ion Ratio Lower Upper
168 100
99 63.7 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 52.442 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

Tgt Ion: 65 Resp: 230646
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

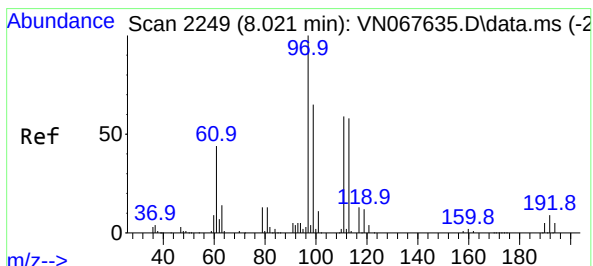
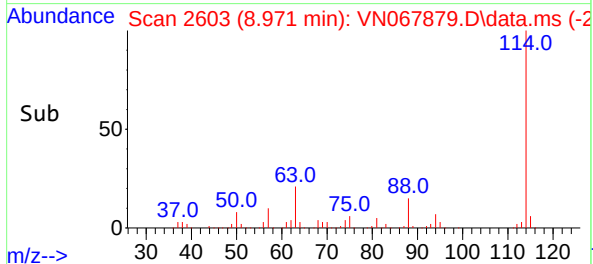
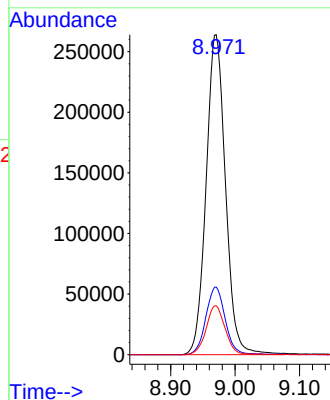
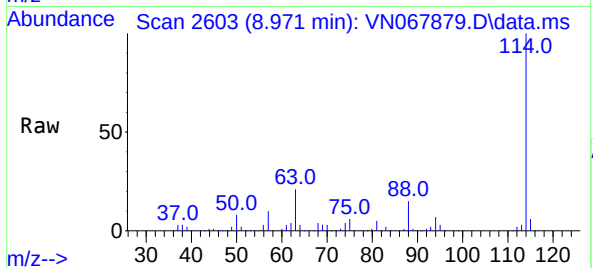




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

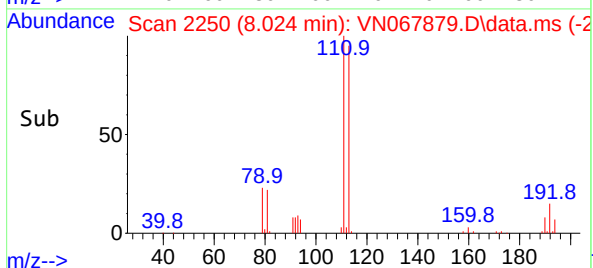
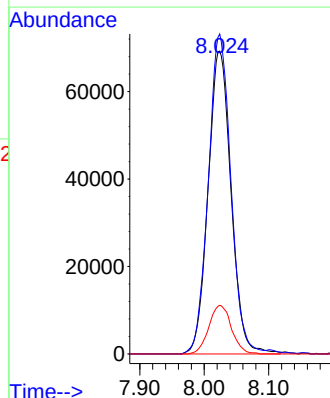
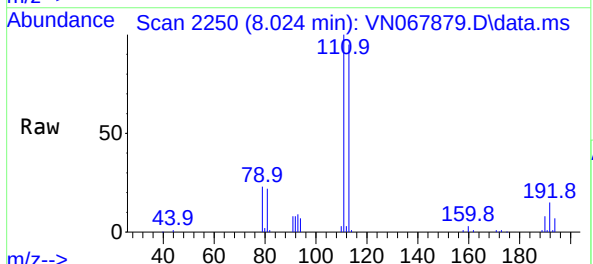
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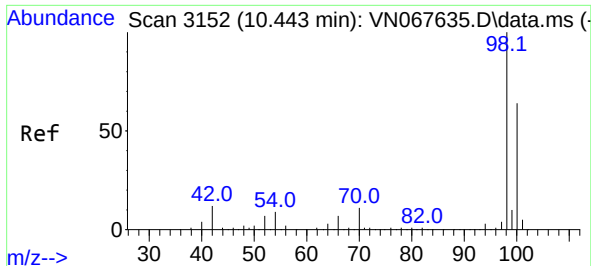
Tgt Ion:	114	Resp:	551983
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	49.0
88	15.3	0.0	36.6



#35
Dibromofluoromethane
Concen: 51.367 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

Tgt Ion:	113	Resp:	171305
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.8
192	15.9	13.4	20.0

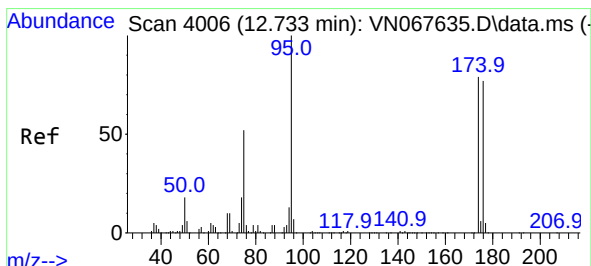
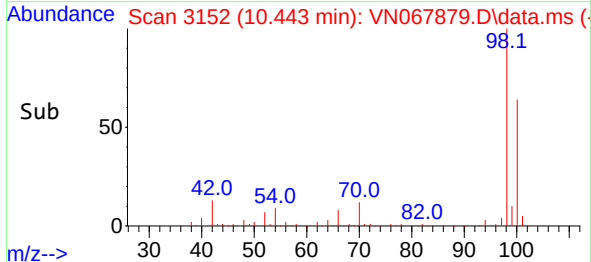
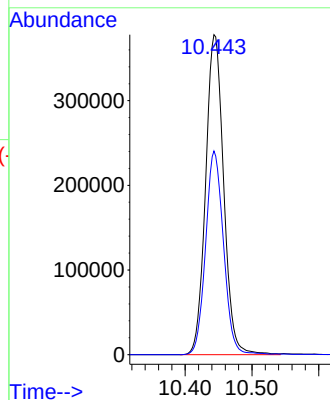
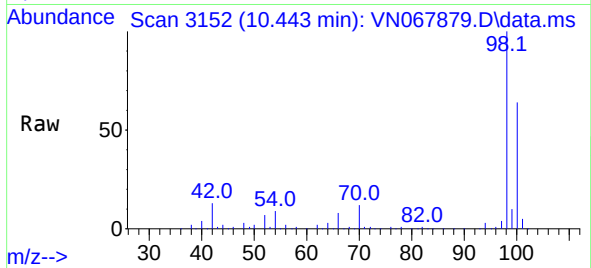




#50
Toluene-d8
Concen: 50.884 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

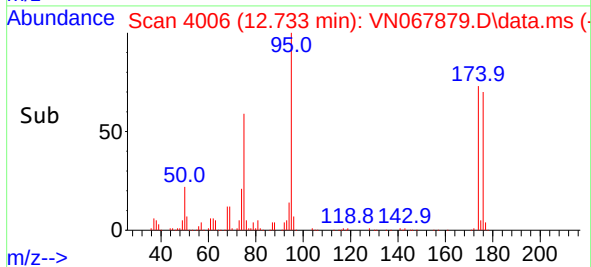
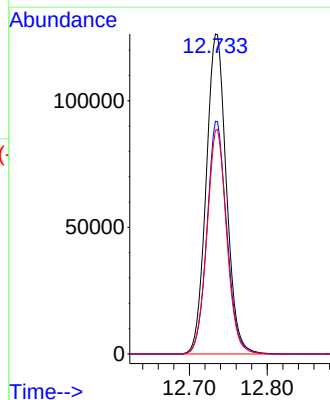
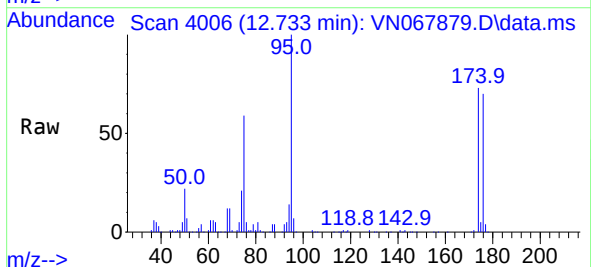
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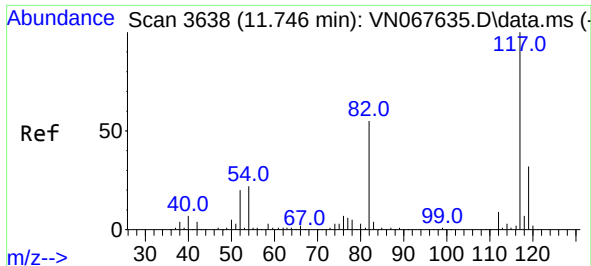
Tgt Ion: 98 Resp: 710308
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.077 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

Tgt Ion: 95 Resp: 227216
Ion Ratio Lower Upper
95 100
174 71.4 0.0 122.0
176 68.6 0.0 117.6

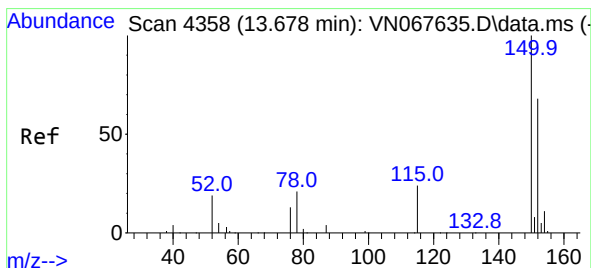
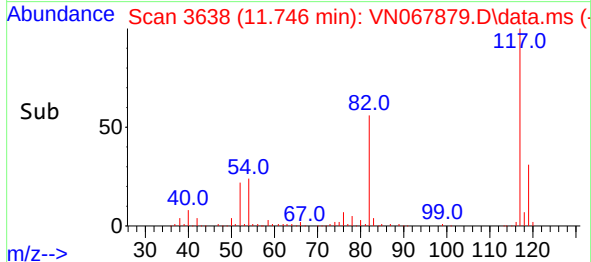
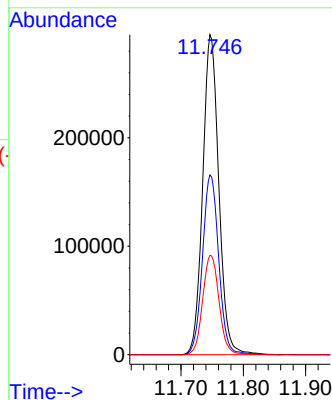
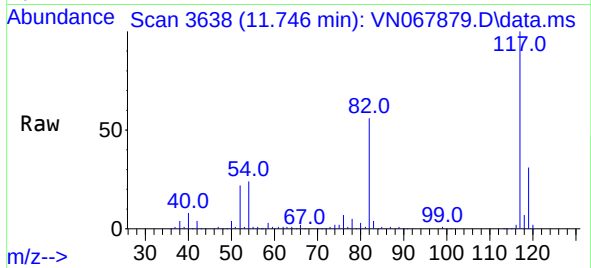




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

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Tgt Ion:117 Resp: 530048
Ion Ratio Lower Upper
117 100
82 56.2 53.1 79.7
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067879.D
Acq: 23 Jul 2021 14:51

Tgt Ion:152 Resp: 182730
Ion Ratio Lower Upper
152 100
115 63.6 36.1 108.5
150 159.2 0.0 351.8

