

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067447.D
 Acq On : 22 Jun 2021 19:40
 Operator : JC/MD
 Sample : M2802-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41175

Quant Time: Jun 23 04:07:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

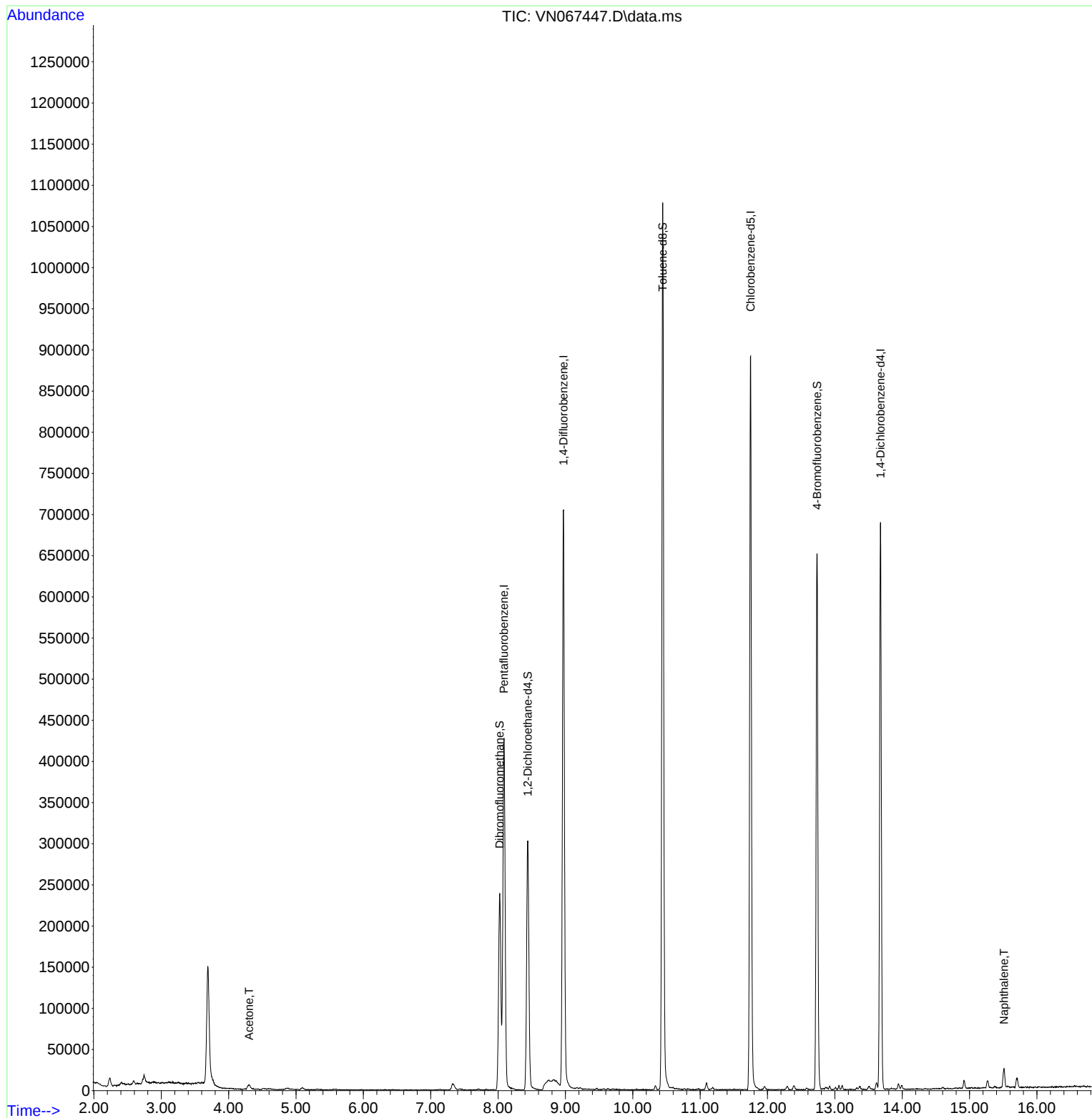
Internal Standards						
1) Pentafluorobenzene	8.088	168	273043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	570518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	483515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	158450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	249310	46.285	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.580%
35) Dibromofluoromethane	8.024	113	173476	45.719	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.440%
50) Toluene-d8	10.443	98	749885	51.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.736	95	241581	40.251	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.500%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	9800	4.741	ug/l	94
95) Naphthalene	15.509	128	19547	4.533	ug/l	98

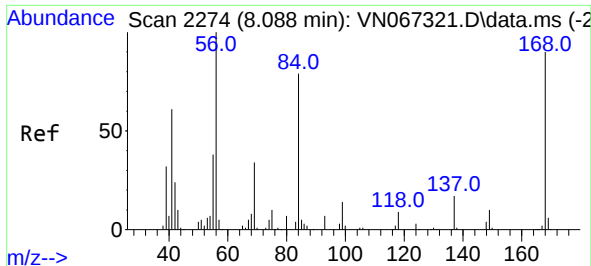
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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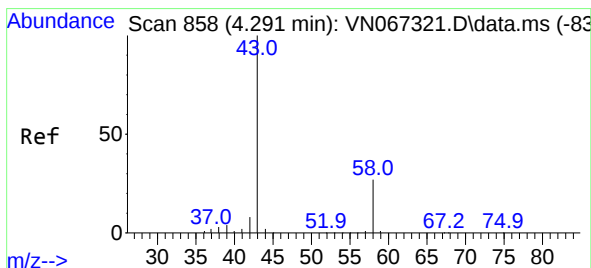
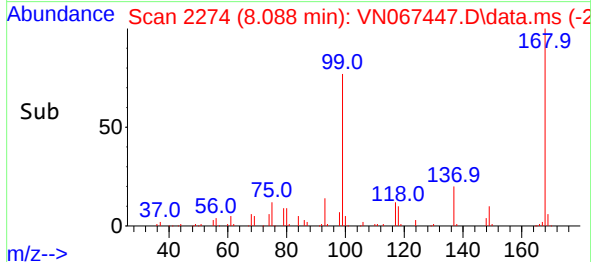
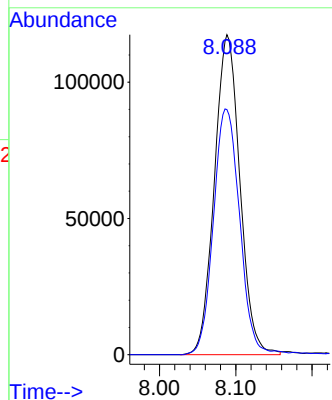
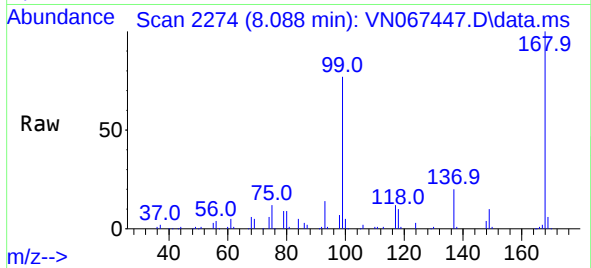




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

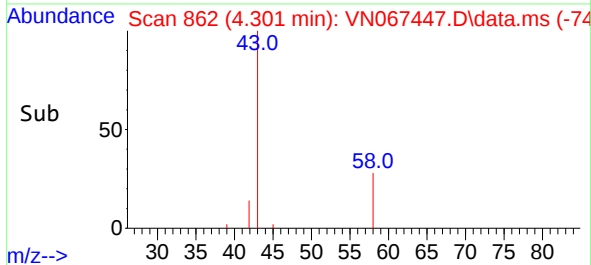
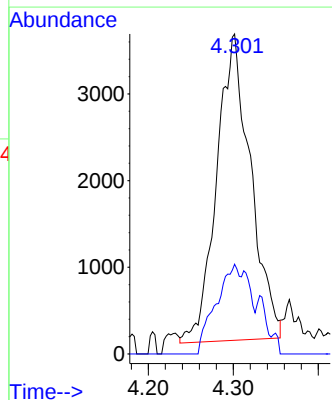
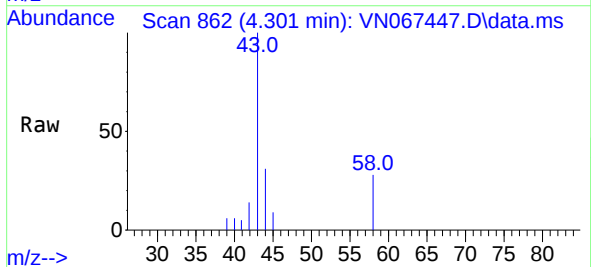
Instrument :
MSVOA_N
ClientSampleId :
41175

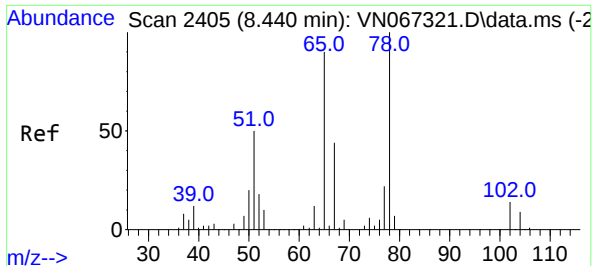
Tgt Ion:168 Resp: 273043
Ion Ratio Lower Upper
168 100
99 76.6 62.9 94.3



#16
Acetone
Concen: 4.741 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

Tgt Ion: 43 Resp: 9800
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8

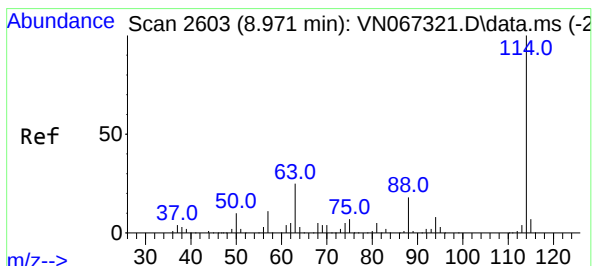
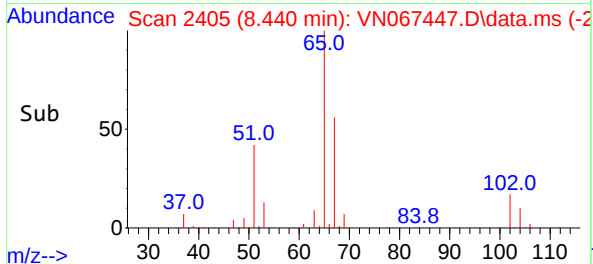
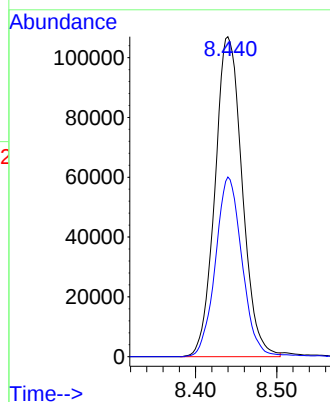
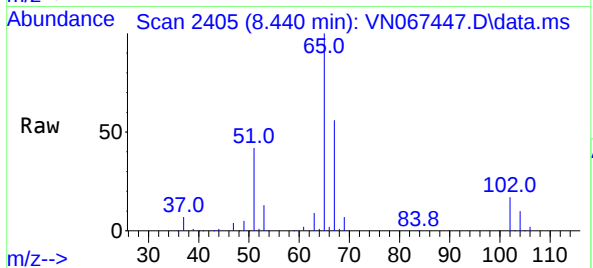




#33
1,2-Dichloroethane-d4
Concen: 46.285 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

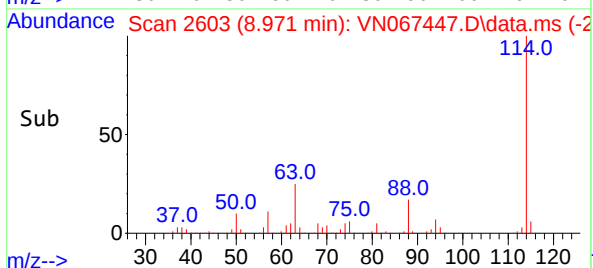
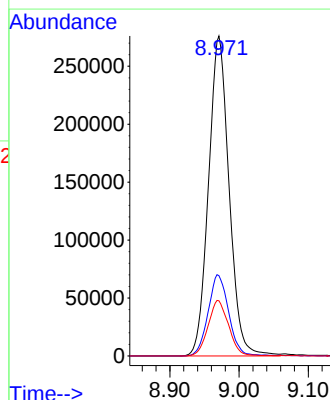
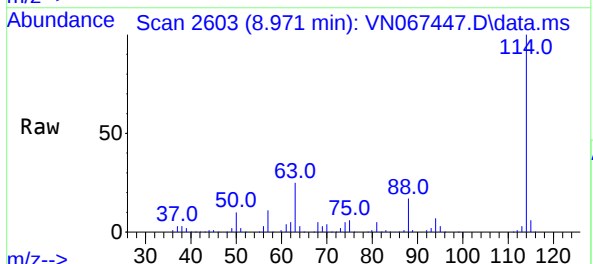
Instrument :
MSVOA_N
ClientSampleId :
41175

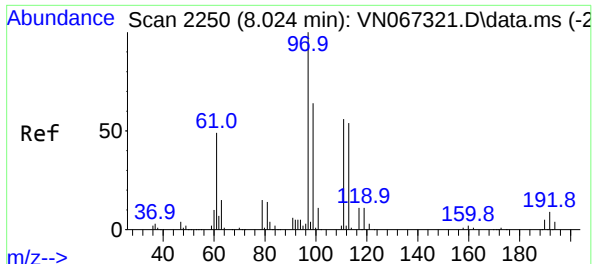
Tgt Ion: 65 Resp: 249310
Ion Ratio Lower Upper
65 100
67 55.0 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

Tgt Ion: 114 Resp: 570518
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.0
88 17.2 0.0 36.6

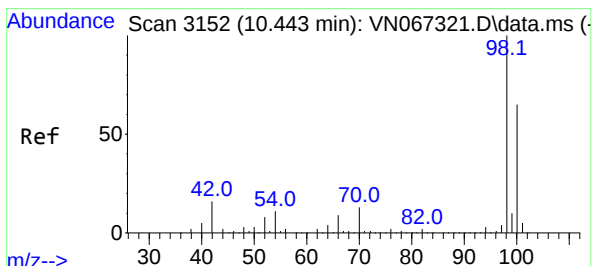
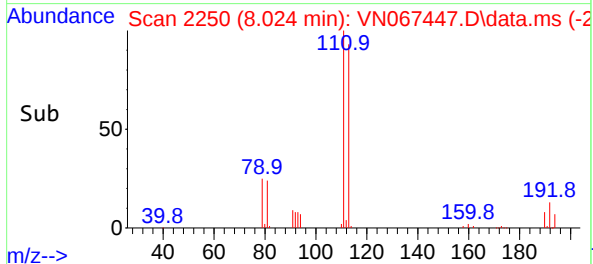
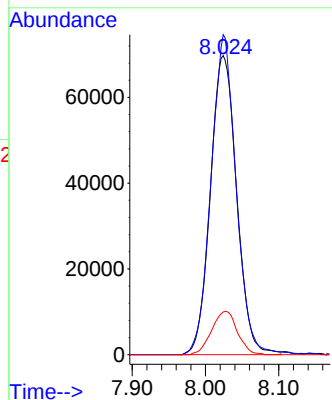
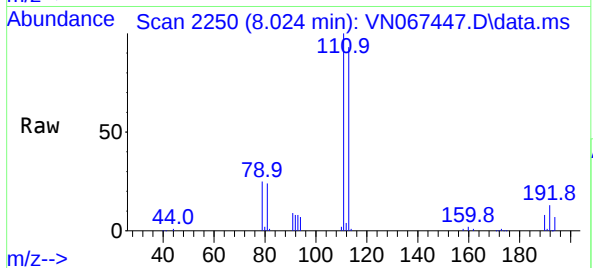




#35
Dibromofluoromethane
Concen: 45.719 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

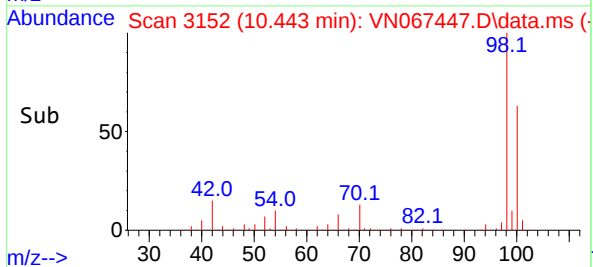
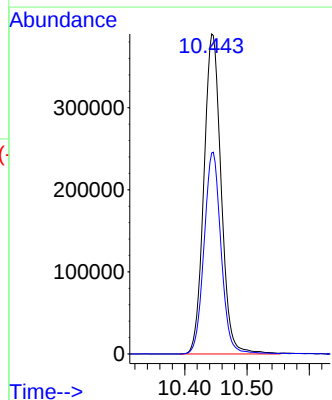
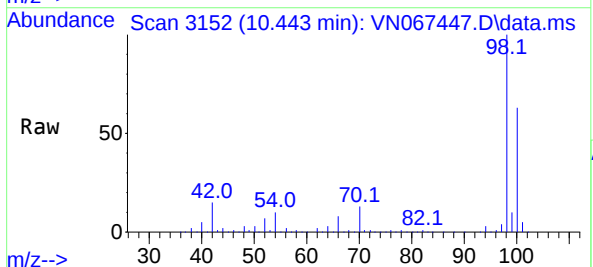
Instrument :
MSVOA_N
ClientSampled :
41175

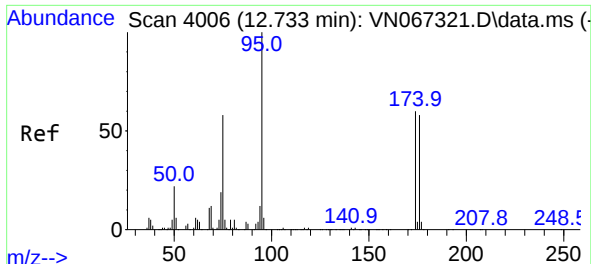
Tgt Ion:113 Resp: 173476
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 14.2 13.4 20.0



#50
Toluene-d8
Concen: 51.562 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

Tgt Ion: 98 Resp: 749885
Ion Ratio Lower Upper
98 100
100 62.0 51.7 77.5

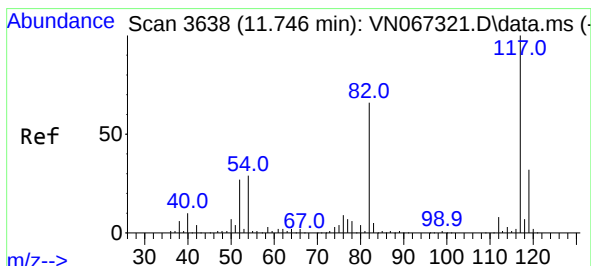
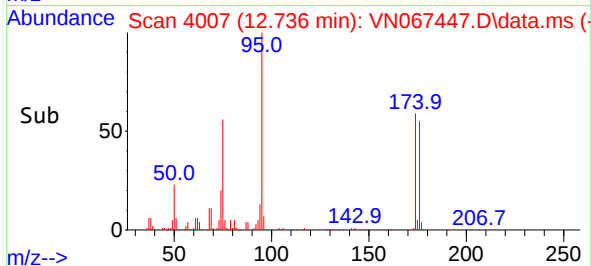
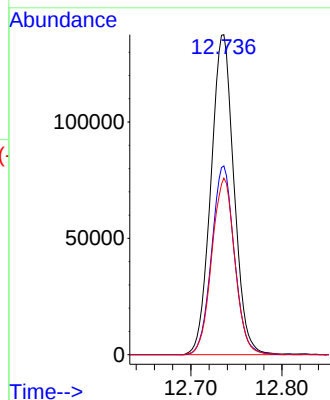
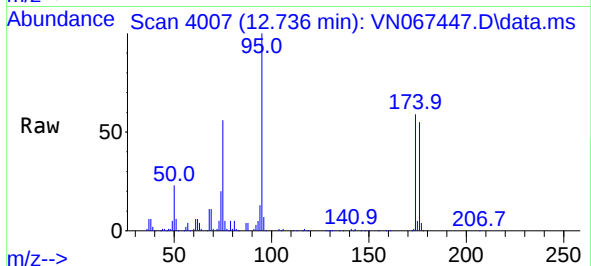




#62
4-Bromofluorobenzene
Concen: 40.251 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

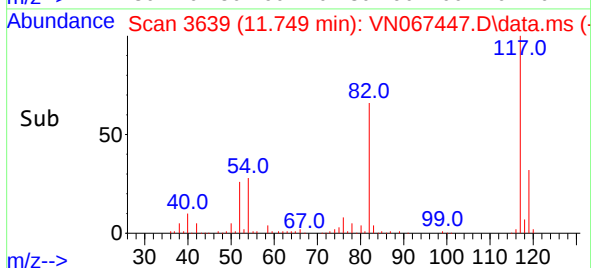
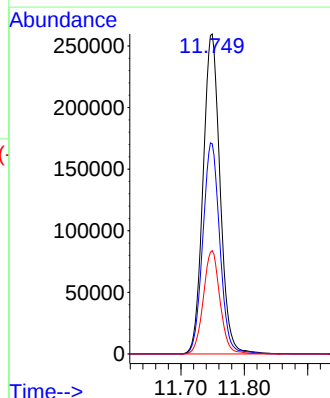
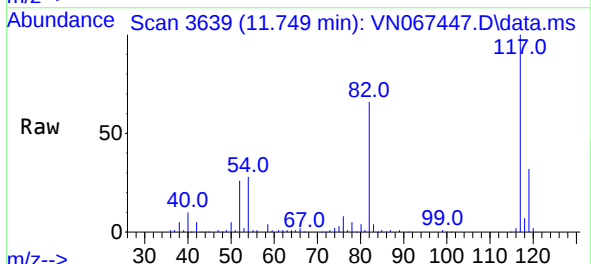
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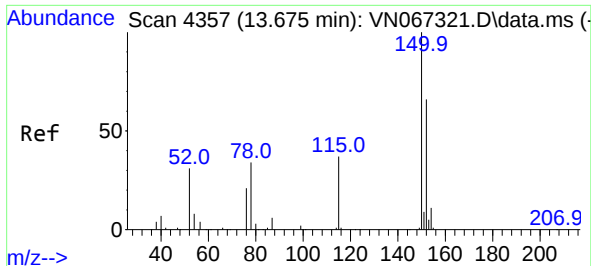
Tgt Ion: 95 Resp: 241581
Ion Ratio Lower Upper
95 100
174 58.1 0.0 122.0
176 55.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

Tgt Ion: 117 Resp: 483515
Ion Ratio Lower Upper
117 100
82 65.7 53.1 79.7
119 32.3 25.5 38.3

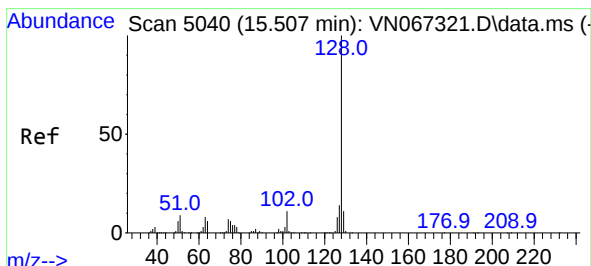
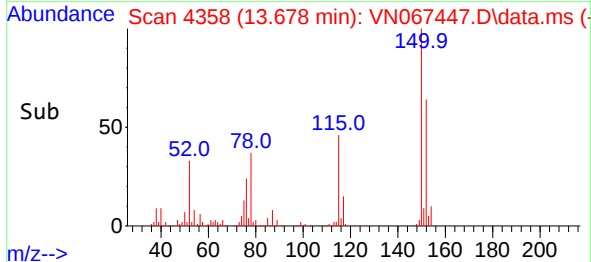
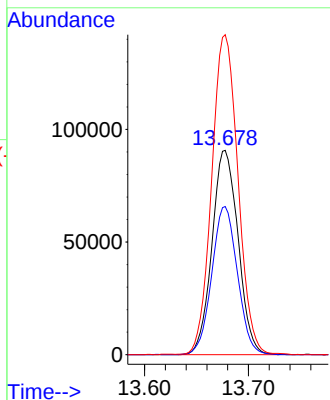
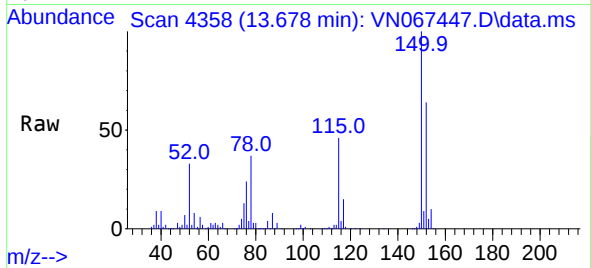




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

Instrument :
MSVOA_N
ClientSampleId :
41175

Tgt Ion:152 Resp: 158450
Ion Ratio Lower Upper
152 100
115 71.4 36.1 108.5
150 158.0 0.0 351.8



#95
Naphthalene
Concen: 4.533 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067447.D
Acq: 22 Jun 2021 19:40

Tgt Ion:128 Resp: 19547
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 10.4 8.6 12.8

