

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067441.D
 Acq On : 22 Jun 2021 16:50
 Operator : JC/MD
 Sample : M2787-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41216

Quant Time: Jun 23 04:05:48 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)

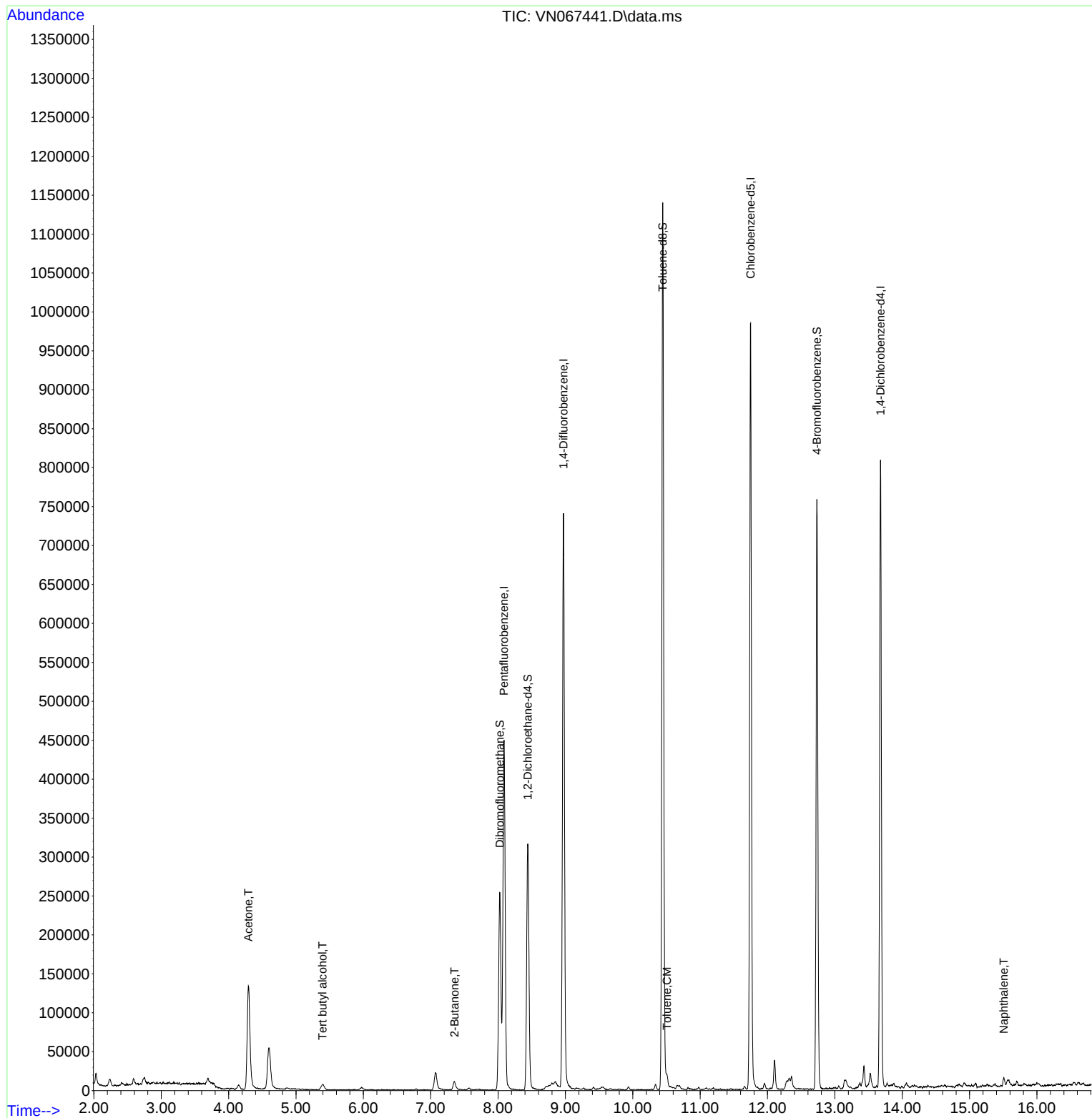
Internal Standards						
1) Pentafluorobenzene	8.088	168	288670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	607327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	534286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	187615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	261768	45.967	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.940%
35) Dibromofluoromethane	8.027	113	180088	44.585	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.180%
50) Toluene-d8	10.443	98	795967	51.414	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.733	95	275789	43.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.393	59	13419	14.314	ug/l #	77
16) Acetone	4.293	43	251127	114.915	ug/l	90
25) 2-Butanone	7.353	43	19191	6.146	ug/l	98
52) Toluene	10.507	92	3927	0.329	ug/l	94
95) Naphthalene	15.507	128	8999	3.356	ug/l	98

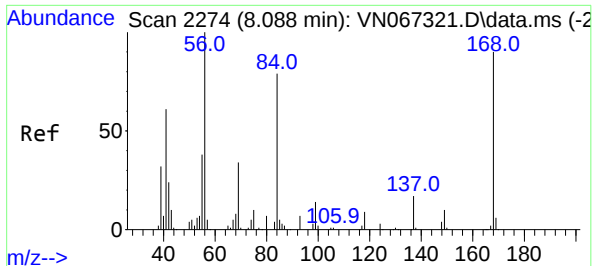
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 23 04:05:48 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

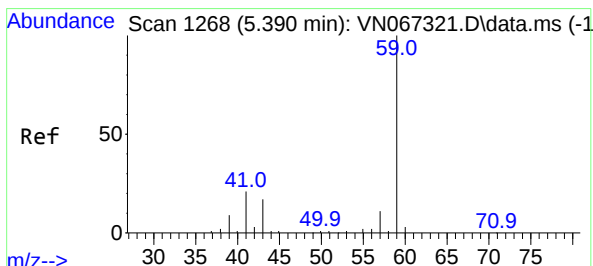
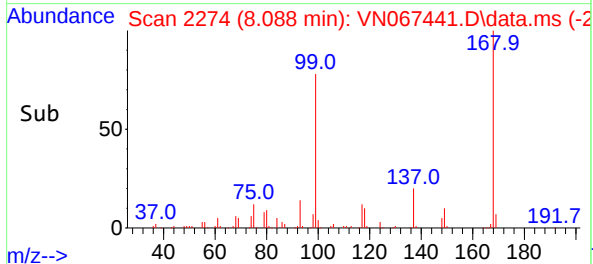
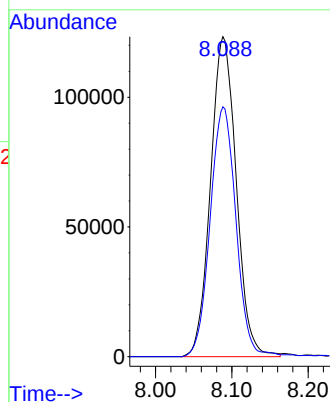
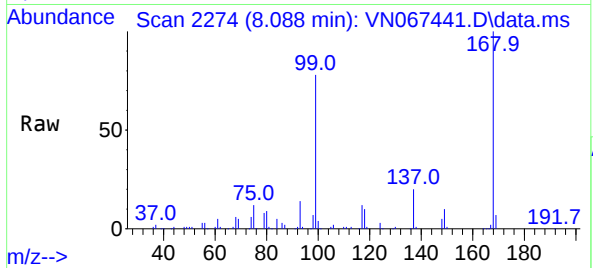




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

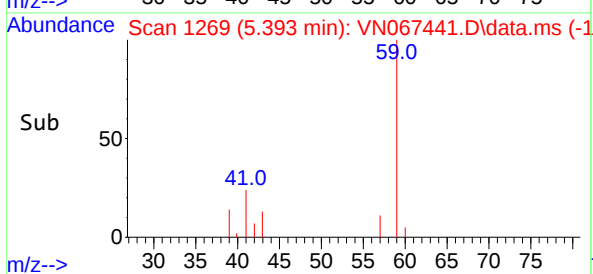
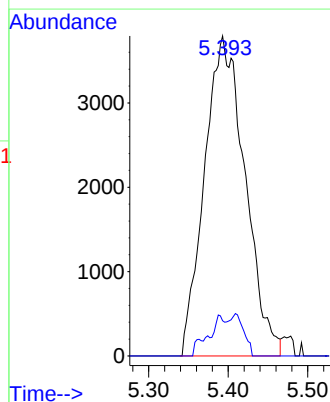
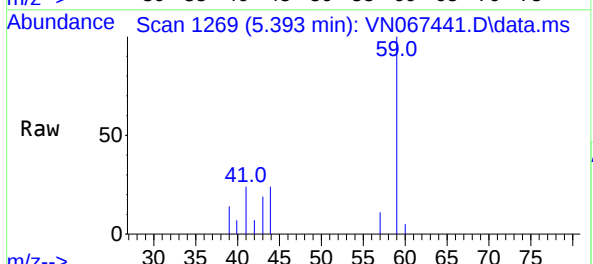
Instrument :
MSVOA_N
ClientSampleId :
41216

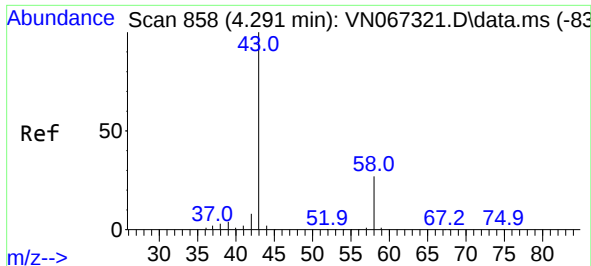
Tgt Ion:168 Resp: 288670
Ion Ratio Lower Upper
168 100
99 78.1 62.9 94.3



#11
Tert butyl alcohol
Concen: 14.314 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Tgt Ion: 59 Resp: 13419
Ion Ratio Lower Upper
59 100
57 2.0 8.7 13.1#

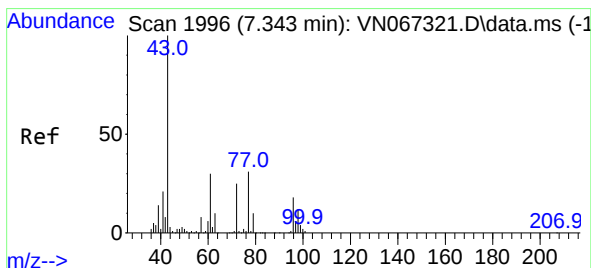
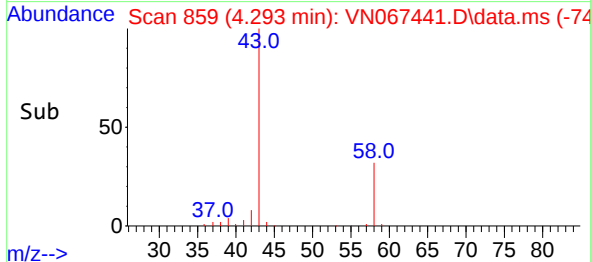
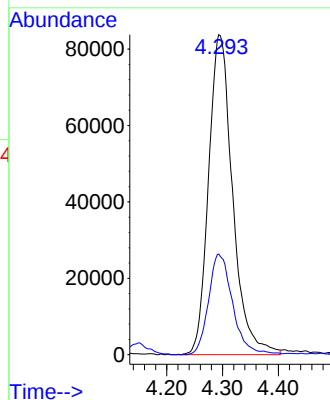
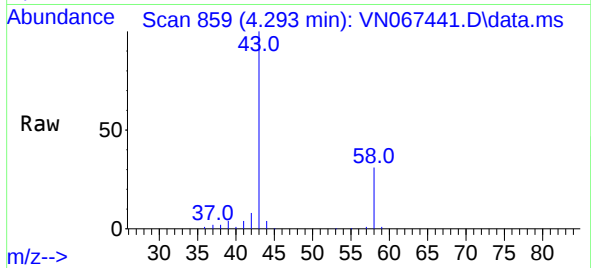




#16
Acetone
Concen: 114.915 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

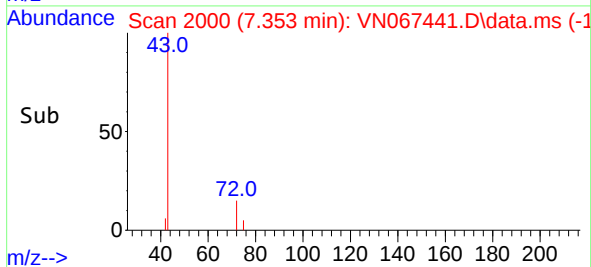
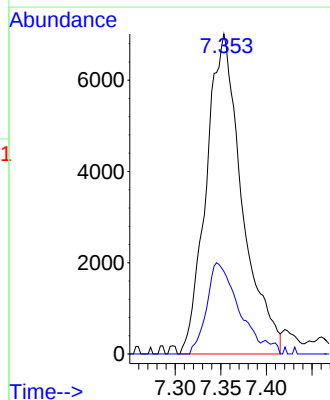
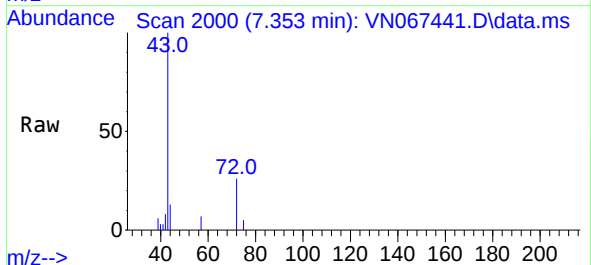
Instrument :
MSVOA_N
ClientSampleId :
41216

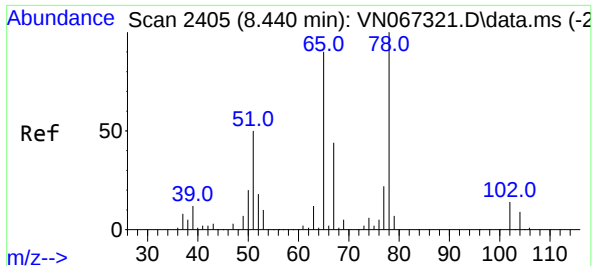
Tgt Ion: 43 Resp: 251127
Ion Ratio Lower Upper
43 100
58 31.5 21.2 31.8



#25
2-Butanone
Concen: 6.146 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.010 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Tgt Ion: 43 Resp: 19191
Ion Ratio Lower Upper
43 100
72 25.8 19.7 29.5



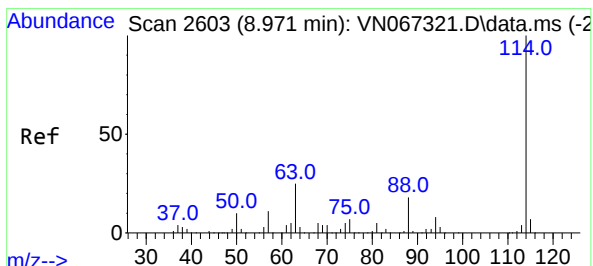
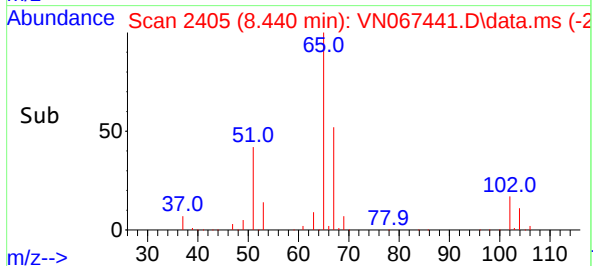
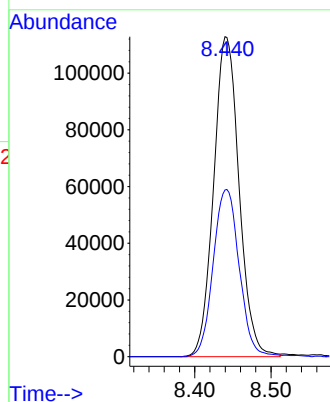
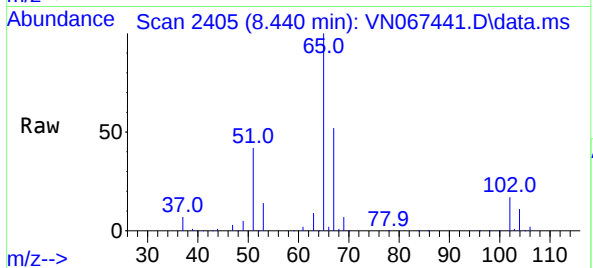


#33

1,2-Dichloroethane-d4
Concen: 45.967 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Instrument :
MSVOA_N
ClientSampleId :
41216

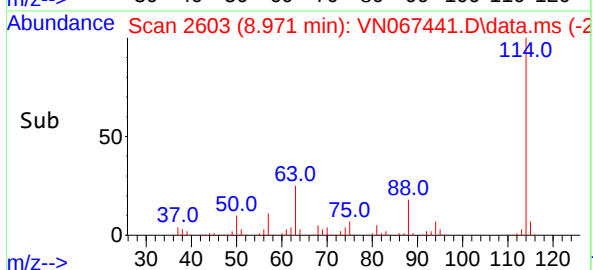
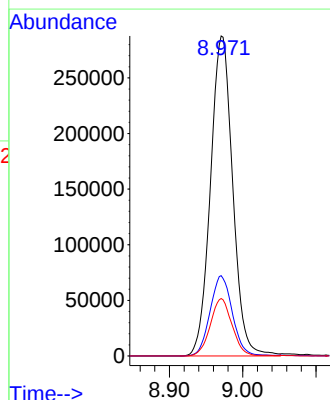
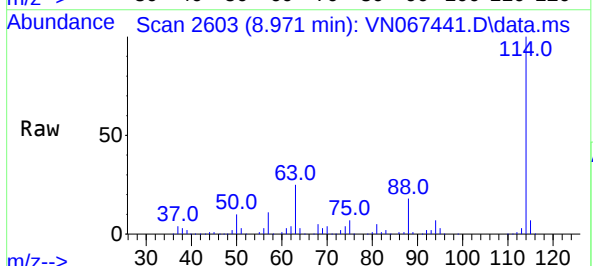
Tgt Ion: 65 Resp: 261768
Ion Ratio Lower Upper
65 100
67 53.3 0.0 98.6

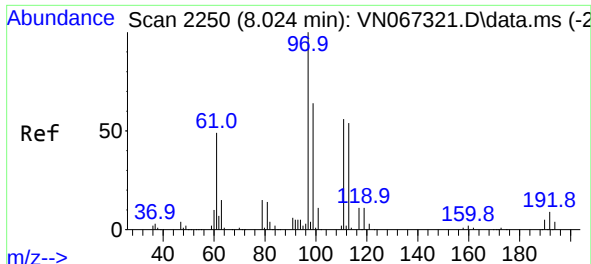


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Tgt Ion: 114 Resp: 607327
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.0
88 18.0 0.0 36.6

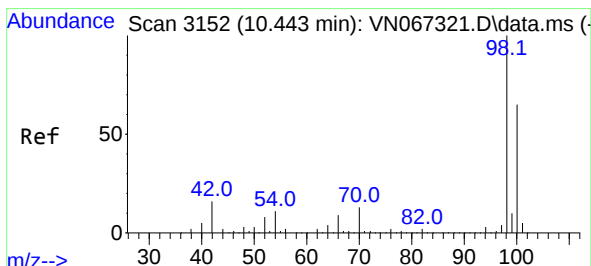
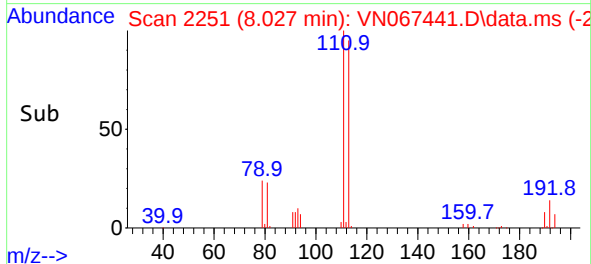
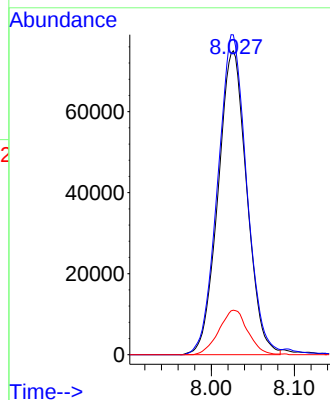
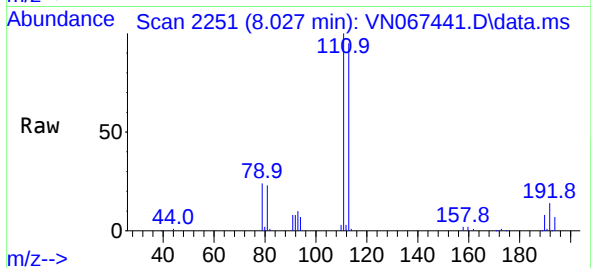




#35
Dibromofluoromethane
Concen: 44.585 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

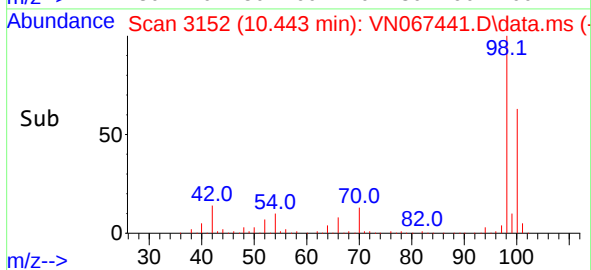
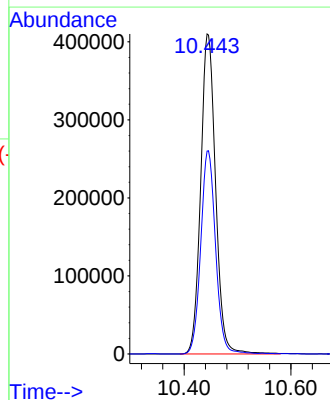
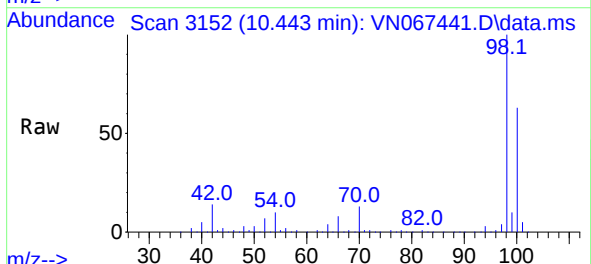
Instrument :
MSVOA_N
ClientSampled :
41216

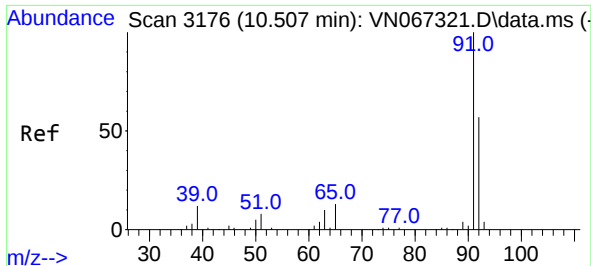
Tgt Ion:113 Resp: 180088
Ion Ratio Lower Upper
113 100
111 106.1 83.8 125.8
192 14.7 13.4 20.0



#50
Toluene-d8
Concen: 51.414 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Tgt Ion: 98 Resp: 795967
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

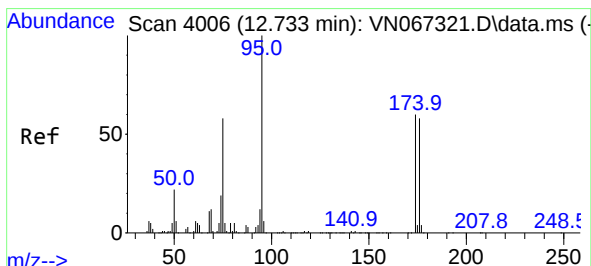
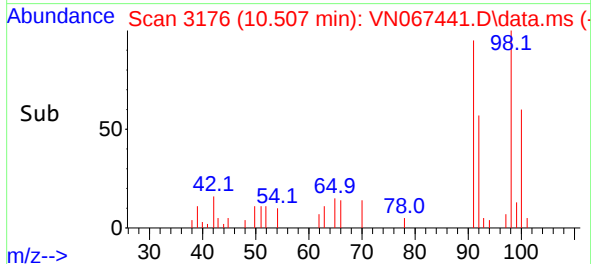
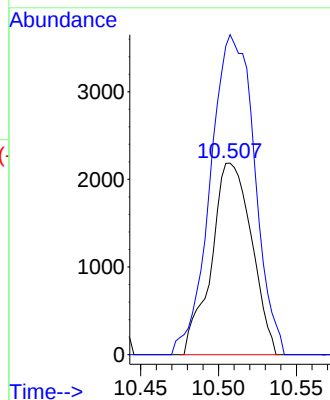
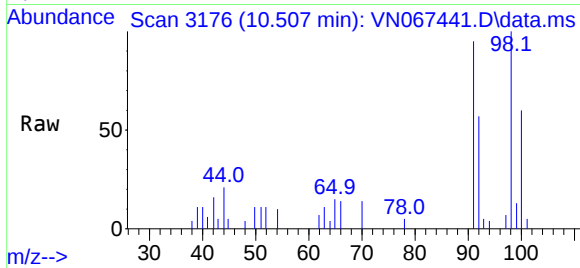




#52
Toluene
Concen: 0.329 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

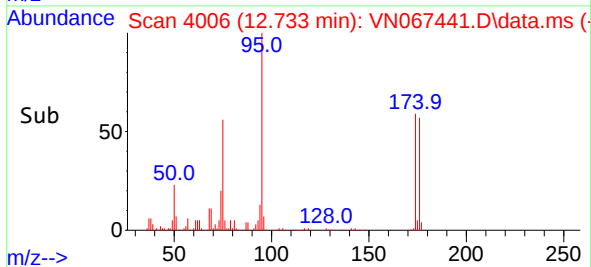
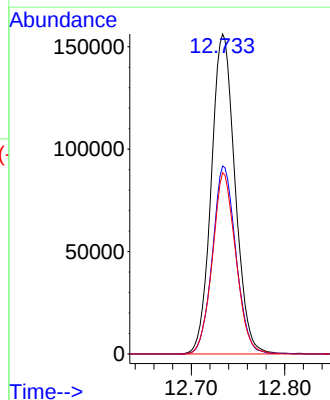
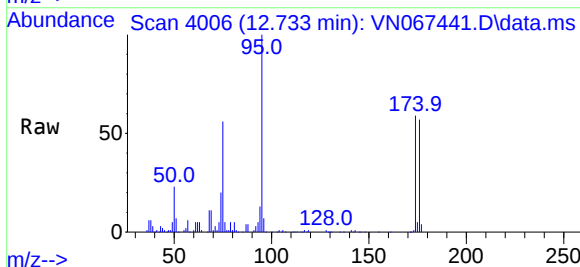
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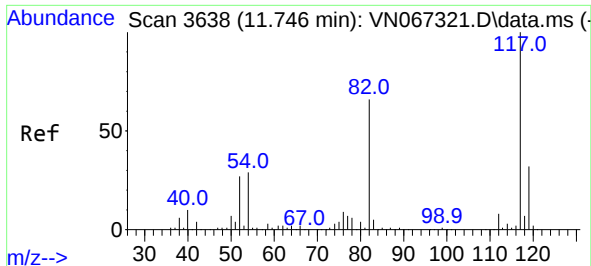
Tgt Ion: 92 Resp: 3927
Ion Ratio Lower Upper
92 100
91 183.3 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 43.166 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Tgt Ion: 95 Resp: 275789
Ion Ratio Lower Upper
95 100
174 58.0 0.0 122.0
176 55.9 0.0 117.6

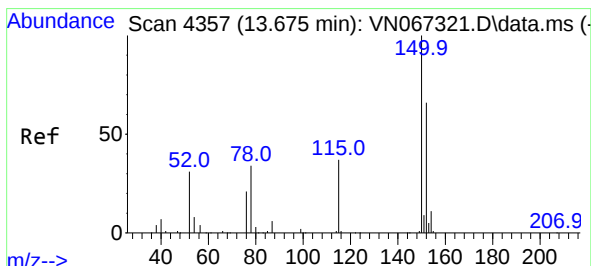
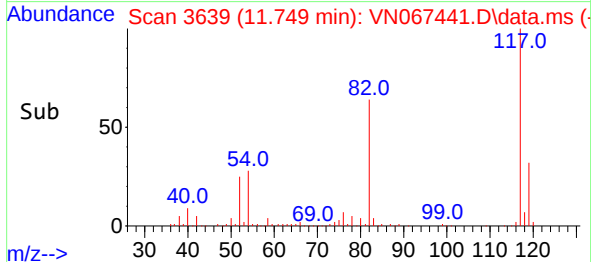
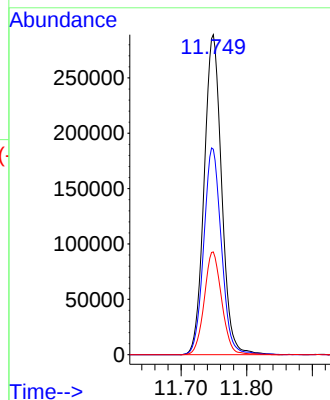
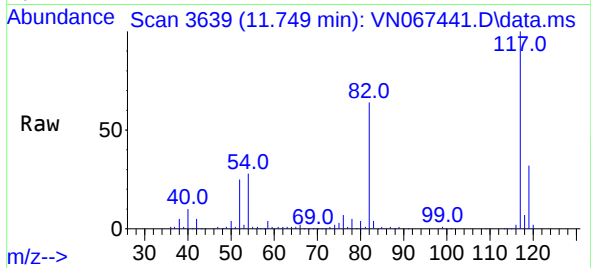




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

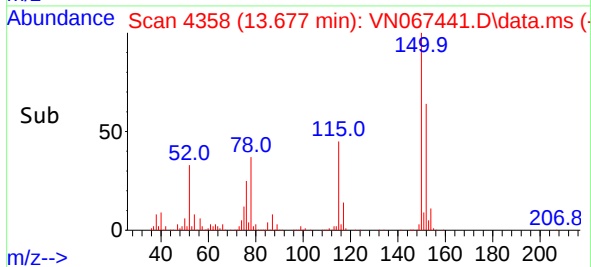
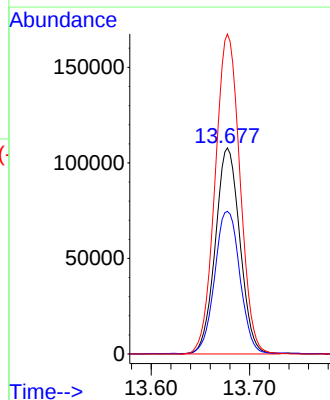
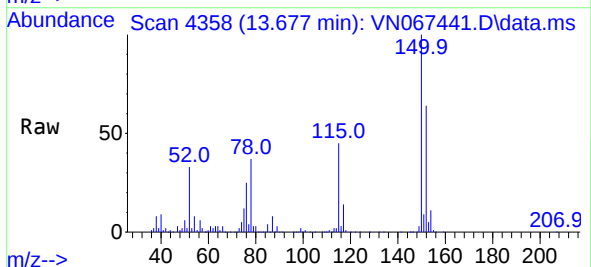
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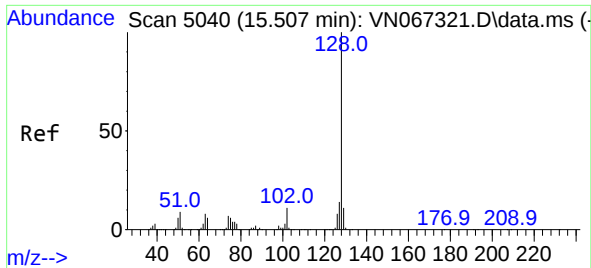
Tgt Ion:117 Resp: 534286
Ion Ratio Lower Upper
117 100
82 64.2 53.1 79.7
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Tgt Ion:152 Resp: 187615
Ion Ratio Lower Upper
152 100
115 70.7 36.1 108.5
150 156.9 0.0 351.8





#95
Naphthalene
Concen: 3.356 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067441.D
Acq: 22 Jun 2021 16:50

Instrument :
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ClientSampleId :
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Tgt Ion:128	Resp:	8999
Ion	Ratio	Lower Upper
128	100	
127	12.8	10.6 15.8
129	12.2	8.6 12.8

