

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067550.D
 Acq On : 29 Jun 2021 14:02
 Operator : JC/MD
 Sample : M2847-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1970-WATER

Manual Integrations
 APPROVED

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 7/5/2021 1:51:14 PM

Quant Time: Jun 29 15:23:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	191886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	353531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	353106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	140330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	144904	55.178	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.360%			
35) Dibromofluoromethane	8.024	113	102808	46.904	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.800%			
50) Toluene-d8	10.443	98	489972	55.028	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.060%			
62) 4-Bromofluorobenzene	12.734	95	165716	53.282	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.560%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.390	59	14946m	38.127	ug/l	
16) Acetone	4.293	43	135374	156.282	ug/l	92
25) 2-Butanone	7.348	43	46957	35.152	ug/l	99
40) Benzene	8.461	78	148275	15.343	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	7751	2.566	ug/l	99
52) Toluene	10.507	92	12697	2.011	ug/l	98
59) 2-Hexanone	11.089	43	9651	4.526	ug/l	94
67) Ethyl Benzene	11.848	91	4414	0.337	ug/l	100
68) m/p-Xylenes	11.953	106	5345	1.062	ug/l	96
69) o-Xylene	12.280	106	3459	0.694	ug/l	83
70) Styrene	12.296	104	7684	2.718	ug/l	93
80) 1,3,5-Trimethylbenzene	13.063	105	4341	0.449	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	14180	1.489	ug/l	97
95) Naphthalene	15.509	128	30810	7.352	ug/l	99

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

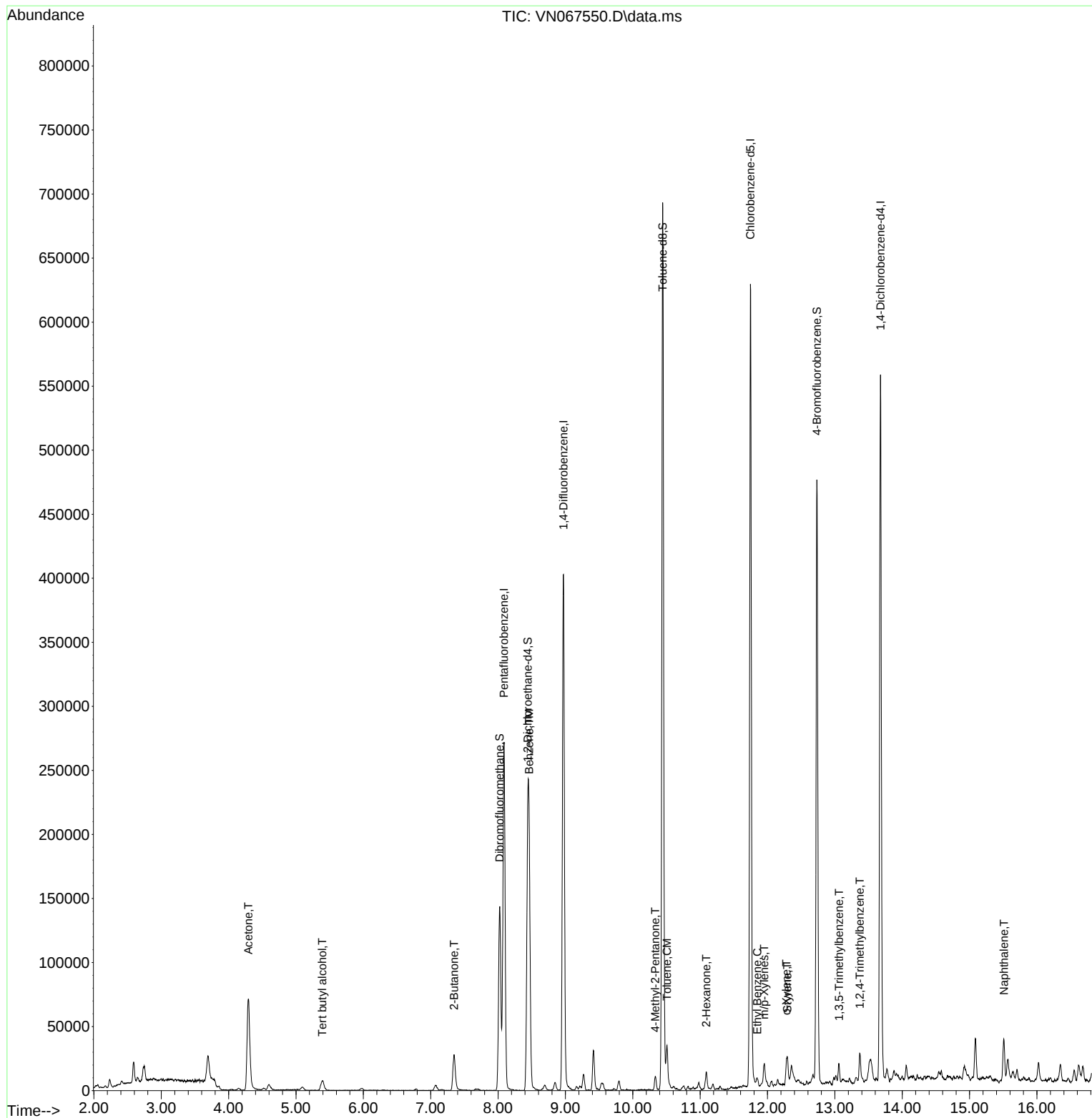
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Data File : VN067550.D
Acq On : 29 Jun 2021 14:02
Operator : JC/MD
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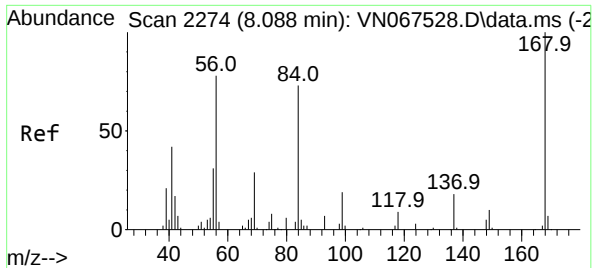
Instrument :
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1970-WATER

Manual Integrations
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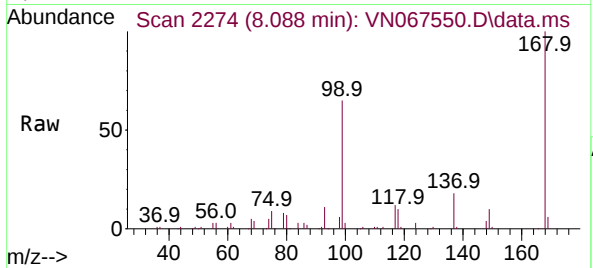
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Quant Time: Jun 29 15:23:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
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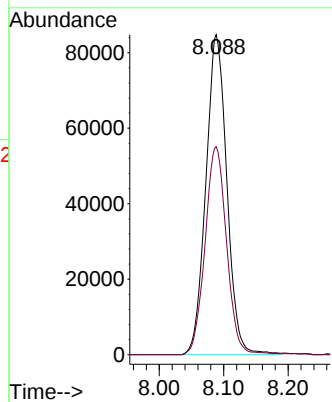
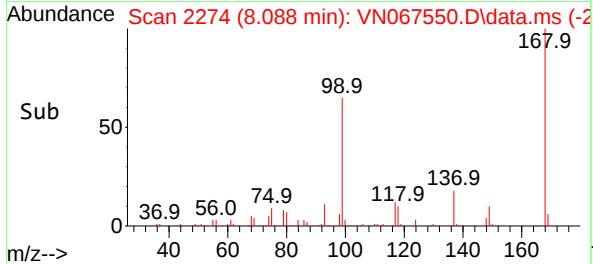




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067550.D
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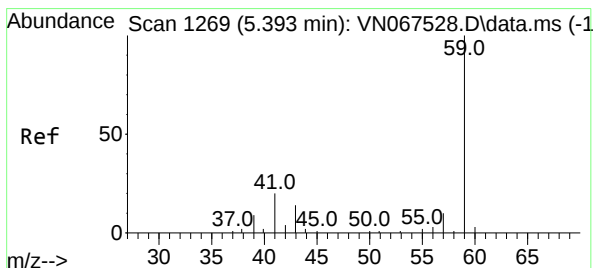
Tgt Ion:168 Resp: 191886
Ion Ratio Lower Upper
168 100
99 65.0 62.9 94.3



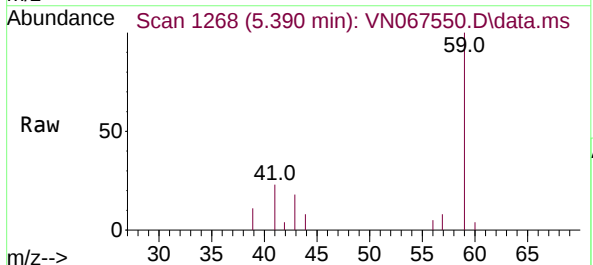
Instrument :
MSVOA_N
ClientSampleId :
1970-WATER

Manual Integrations
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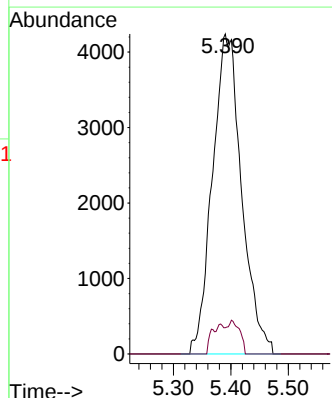
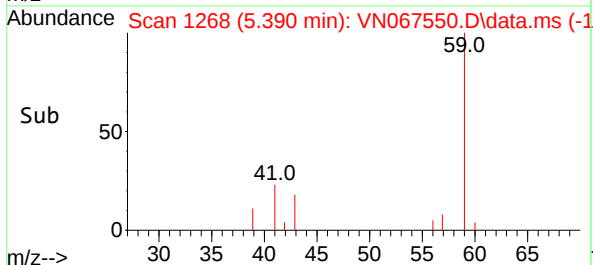
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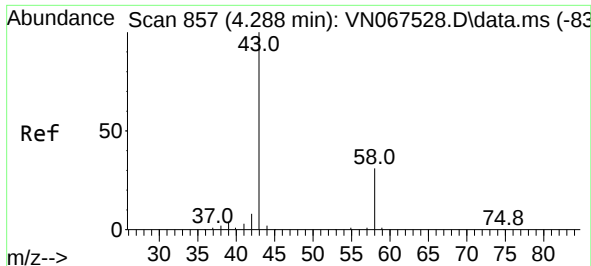


#11
Tert butyl alcohol
Concen: 38.127 ug/l m
RT: 5.390 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



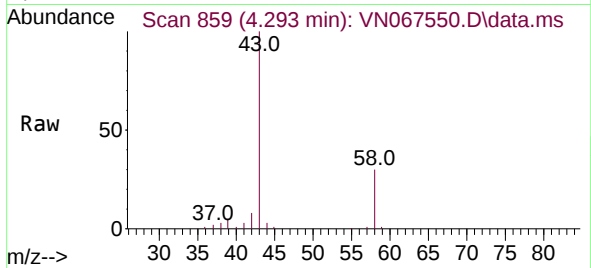
Tgt Ion: 59 Resp: 14946
Ion Ratio Lower Upper
59 100
57 0.8 8.7 13.1#





#16
Acetone
Concen: 156.282 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

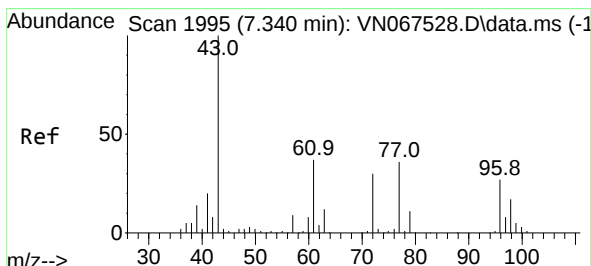
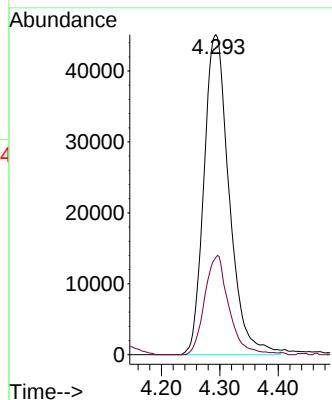
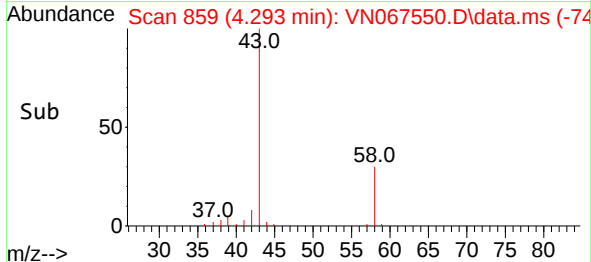
Instrument :
MSVOA_N
ClientSampleId :
1970-WATER



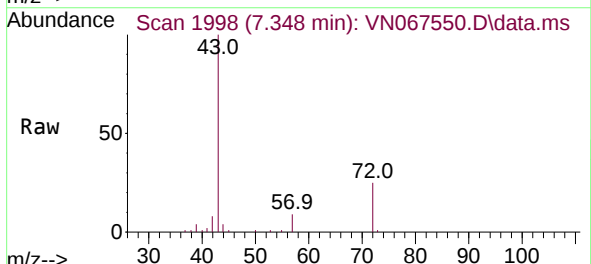
Tgt Ion: 43 Resp: 135374
Ion Ratio Lower Upper
43 100
58 30.4 21.2 31.8

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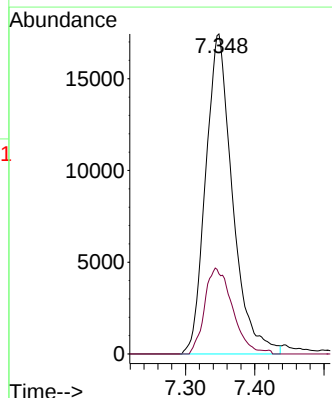
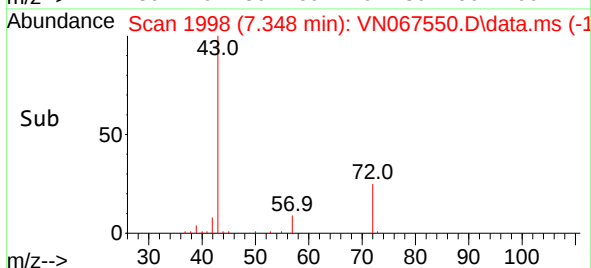
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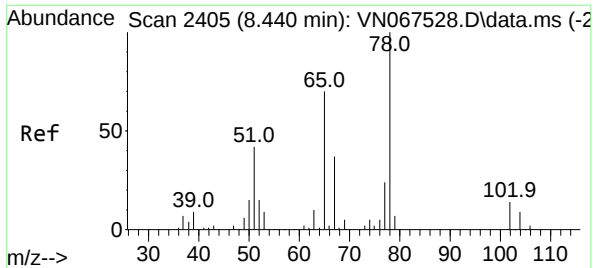


#25
2-Butanone
Concen: 35.152 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



Tgt Ion: 43 Resp: 46957
Ion Ratio Lower Upper
43 100
72 25.0 19.7 29.5





#33

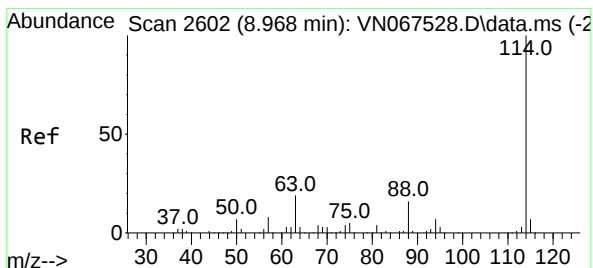
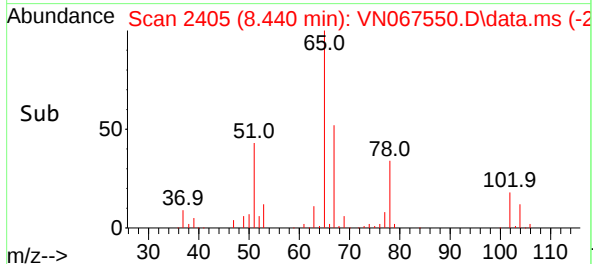
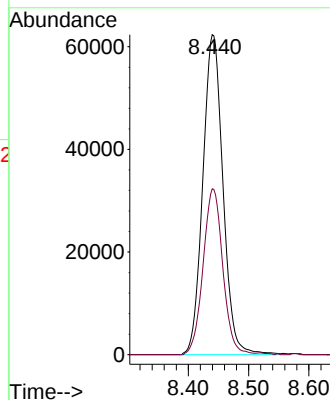
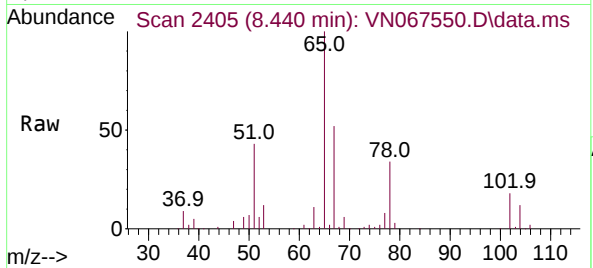
1,2-Dichloroethane-d4
Concen: 55.178 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion: 65 Resp: 144904
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

Instrument :
MSVOA_N
ClientSampled :
1970-WATER

Manual Integrations
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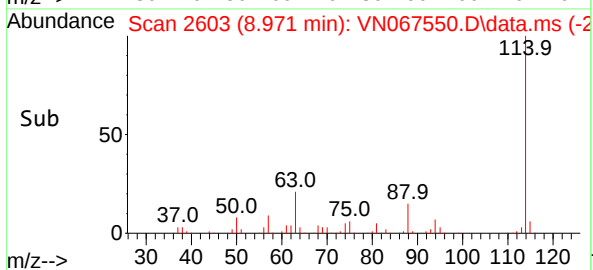
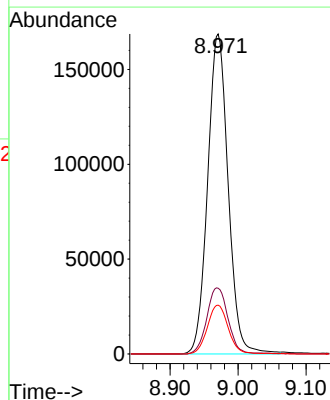
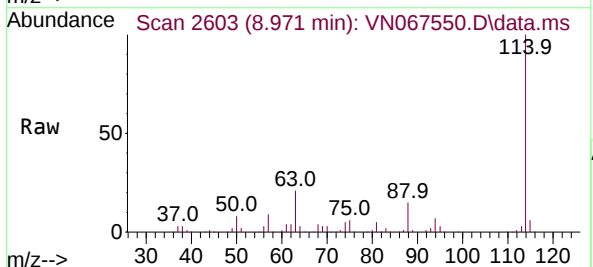
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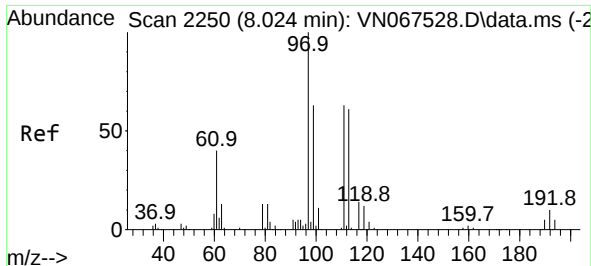


#34

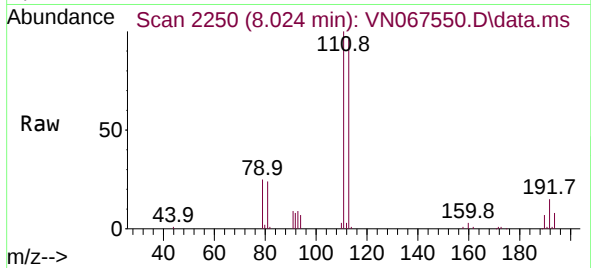
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion: 114 Resp: 353531
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 15.3 0.0 36.6

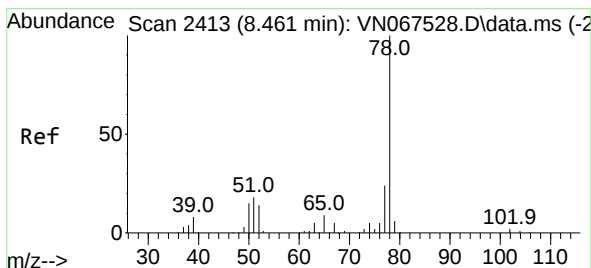
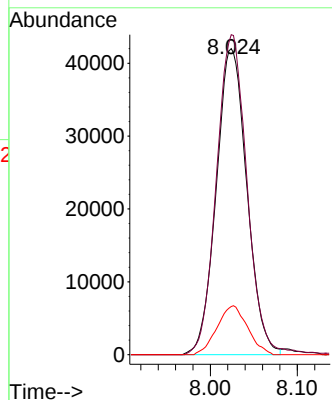
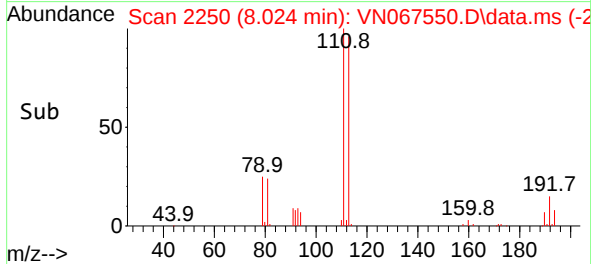




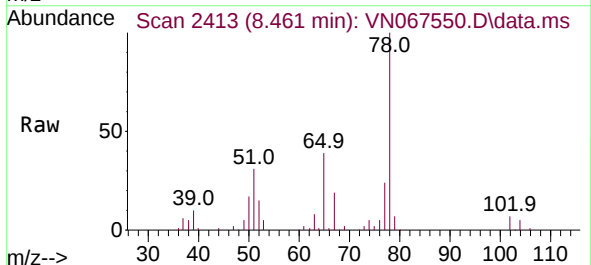
#35
Dibromofluoromethane
Concen: 46.904 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



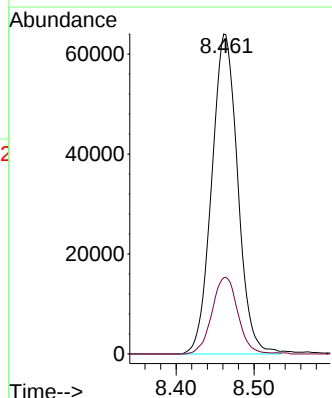
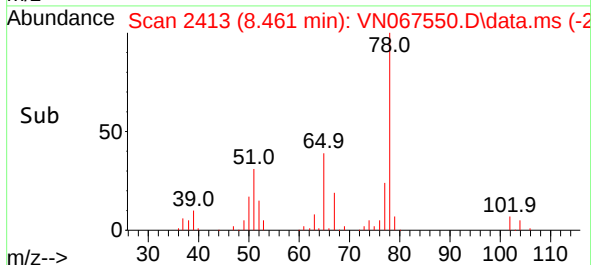
Tgt Ion:113 Resp: 102808
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 15.9 13.4 20.0



#40
Benzene
Concen: 15.343 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



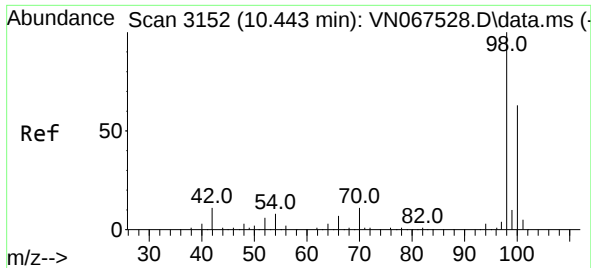
Tgt Ion: 78 Resp: 148275
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



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Manual Integrations
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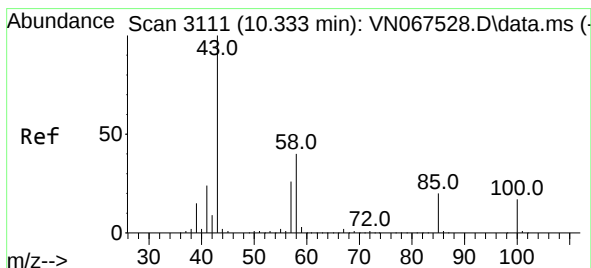
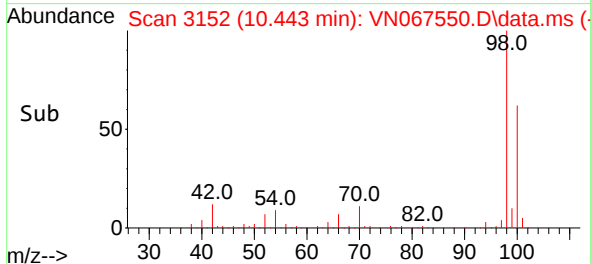
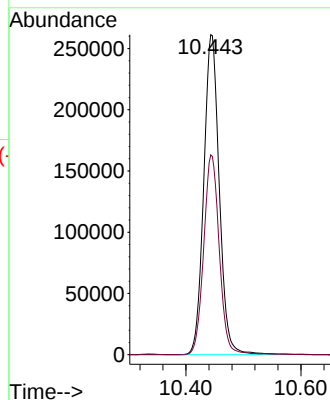
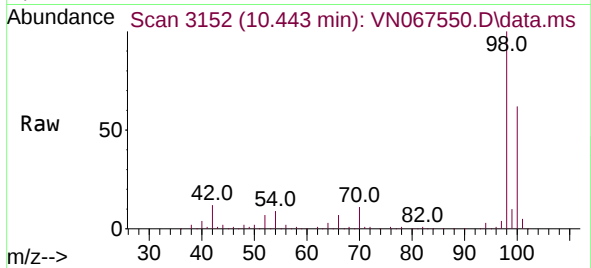
#50
Toluene-d8
Concen: 55.028 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion: 98 Resp: 489972
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
1970-WATER

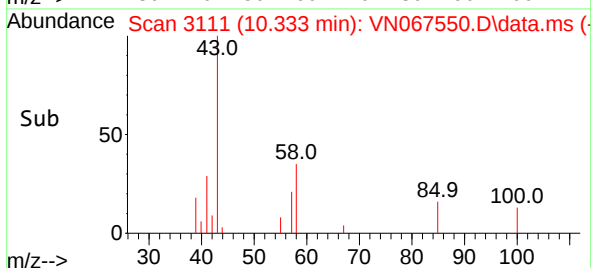
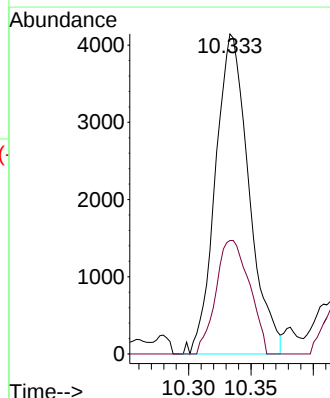
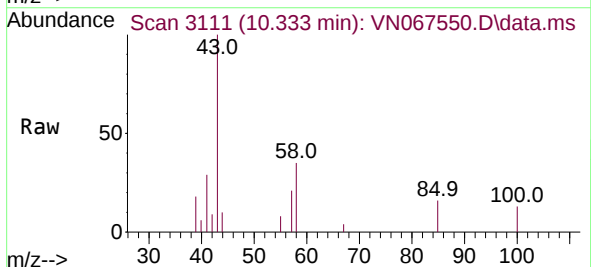
Manual Integrations
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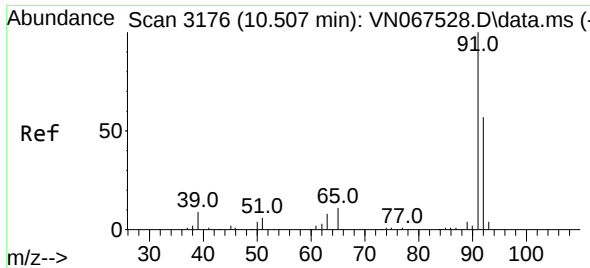
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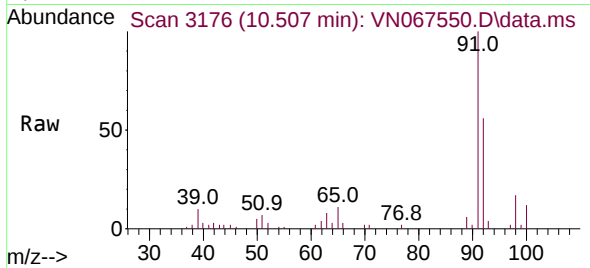
#51
4-Methyl-2-Pentanone
Concen: 2.566 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion: 43 Resp: 7751
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0

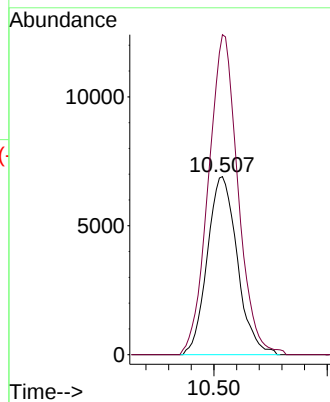
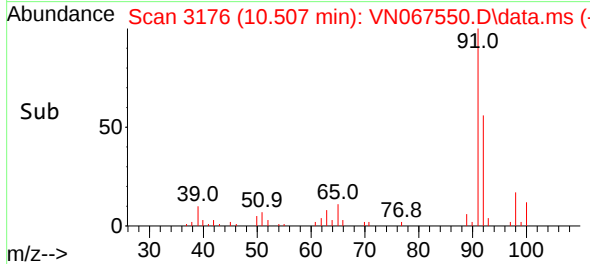




#52
Toluene
Concen: 2.011 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



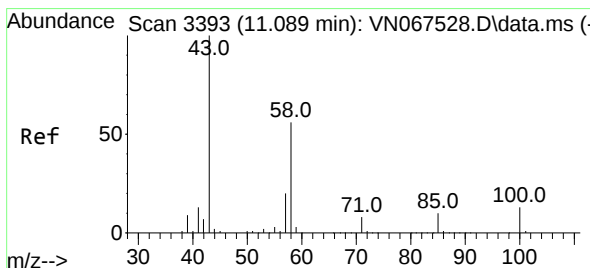
Tgt Ion: 92 Resp: 12697
Ion Ratio Lower Upper
92 100
91 177.6 139.6 209.4



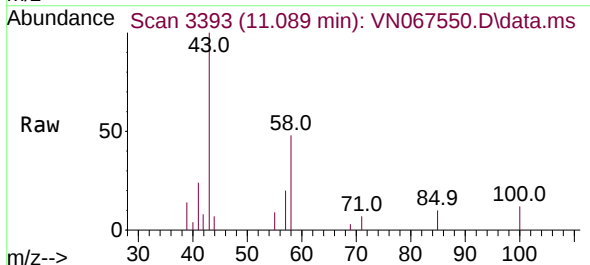
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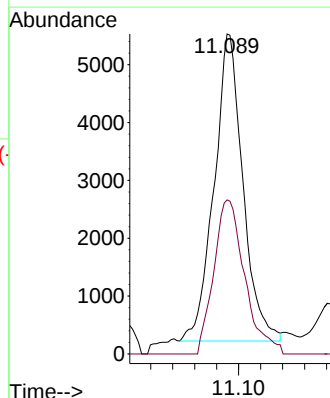
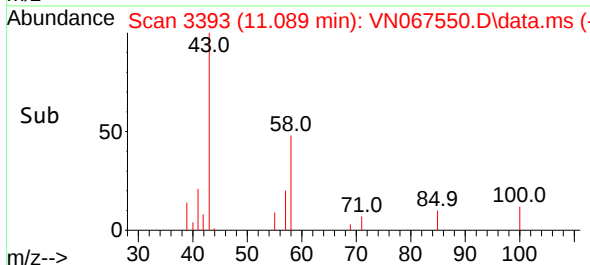
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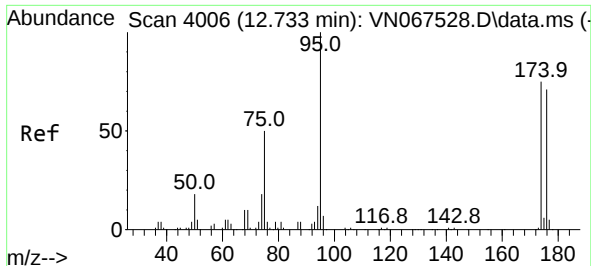


#59
2-Hexanone
Concen: 4.526 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



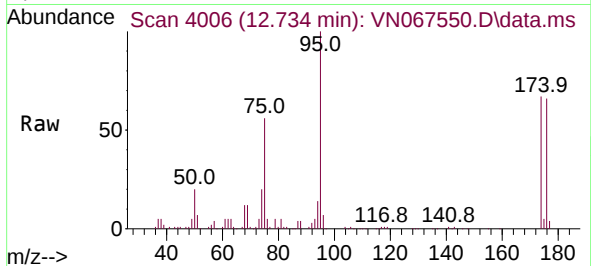
Tgt Ion: 43 Resp: 9651
Ion Ratio Lower Upper
43 100
58 53.7 24.7 74.1





#62
4-Bromofluorobenzene
Concen: 53.282 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

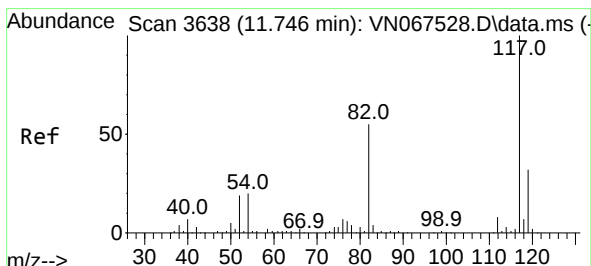
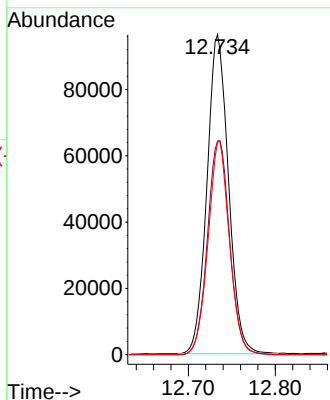
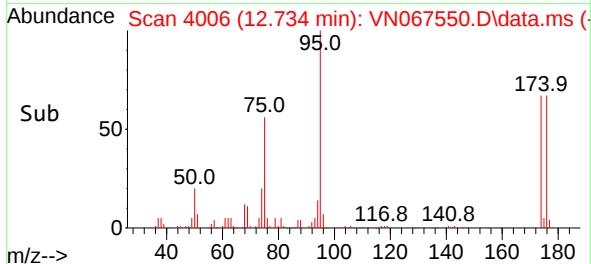
Instrument :
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1970-WATER



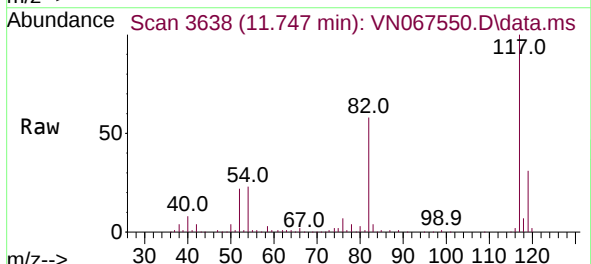
Tgt Ion: 95 Resp: 165716
Ion Ratio Lower Upper
95 100
174 69.0 0.0 122.0
176 66.4 0.0 117.6

Manual Integrations
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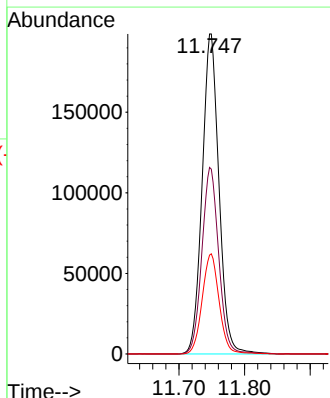
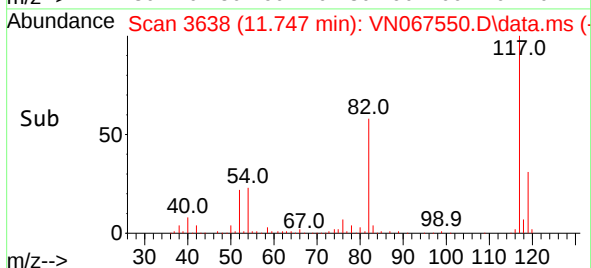
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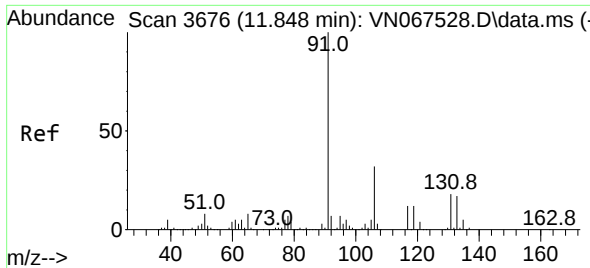


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



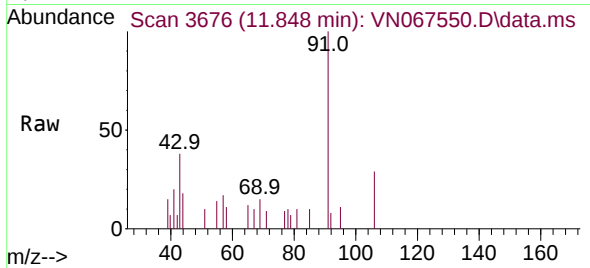
Tgt Ion: 117 Resp: 353106
Ion Ratio Lower Upper
117 100
82 58.3 53.1 79.7
119 30.9 25.5 38.3





#67
Ethyl Benzene
Concen: 0.337 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

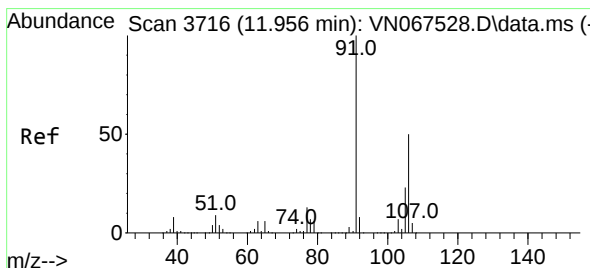
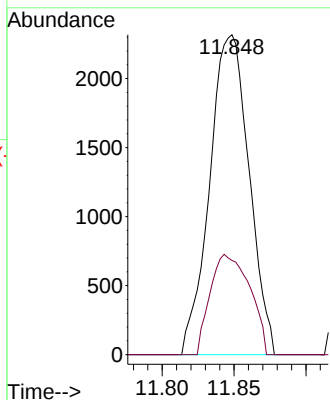
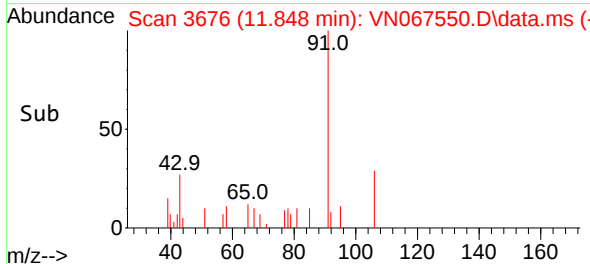
Instrument :
MSVOA_N
ClientSampled :
1970-WATER



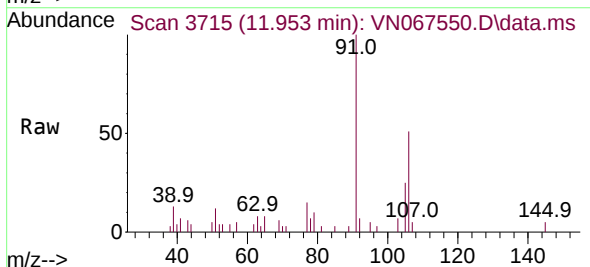
Tgt Ion: 91 Resp: 4414
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.0

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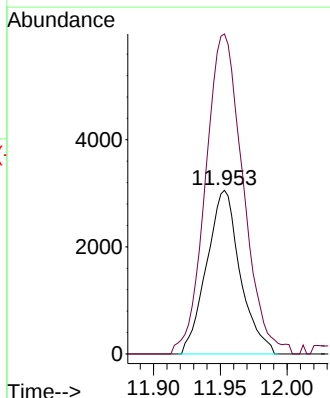
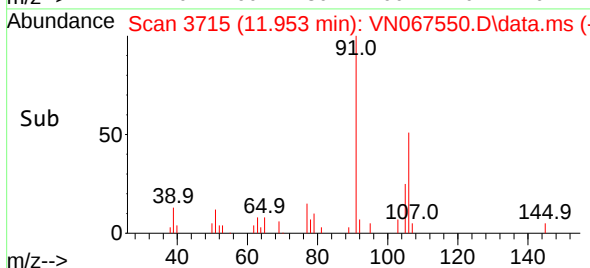
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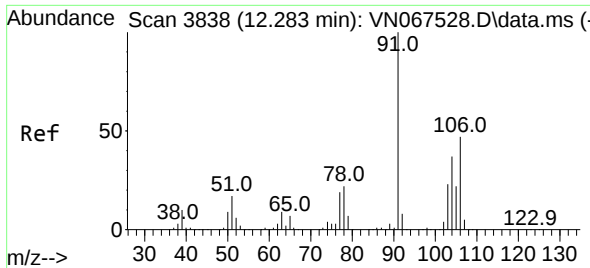


#68
m/p-Xylenes
Concen: 1.062 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02



Tgt Ion: 106 Resp: 5345
Ion Ratio Lower Upper
106 100
91 218.7 180.6 270.8





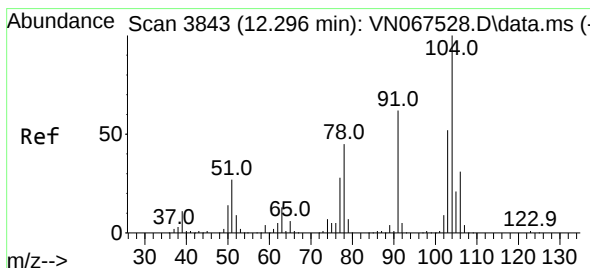
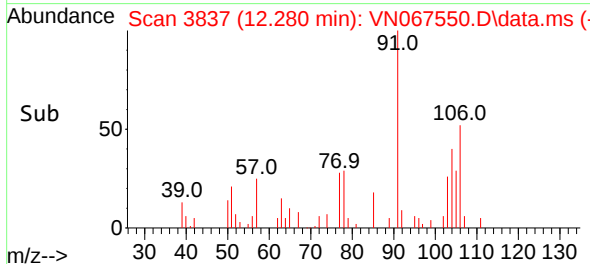
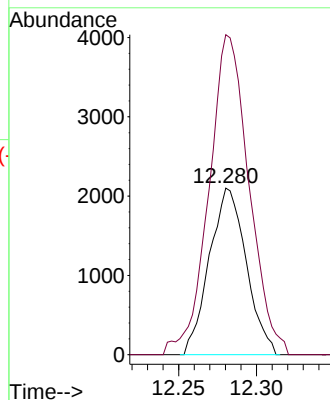
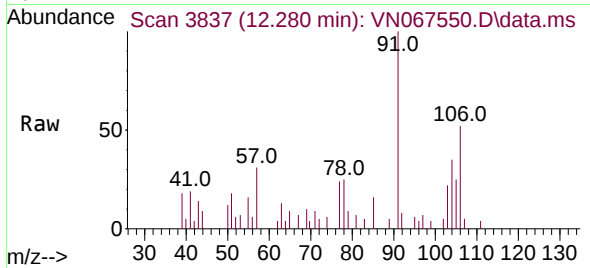
#69
o-Xylene
Concen: 0.694 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion:106 Resp: 3459
Ion Ratio Lower Upper
106 100
91 208.7 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
1970-WATER

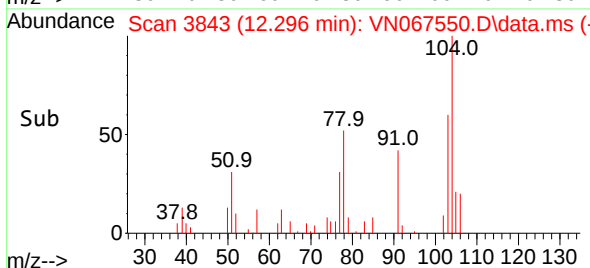
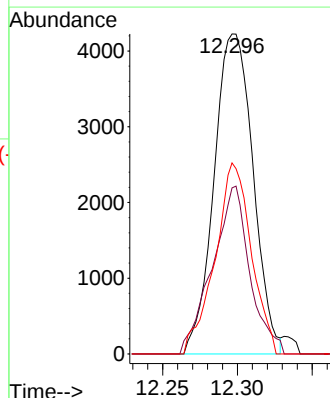
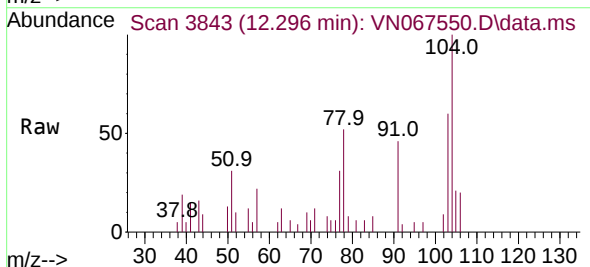
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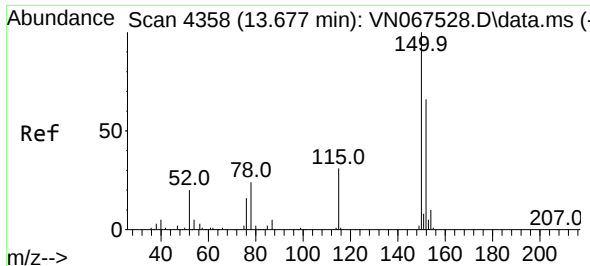
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#70
Styrene
Concen: 2.718 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

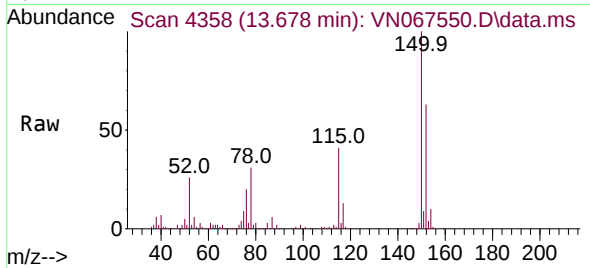
Tgt Ion:104 Resp: 7684
Ion Ratio Lower Upper
104 100
78 50.2 48.2 72.2
103 55.3 44.5 66.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.001 min
 Lab File: VN067550.D
 Acq: 29 Jun 2021 14:02

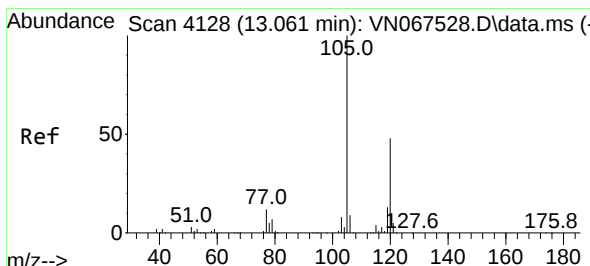
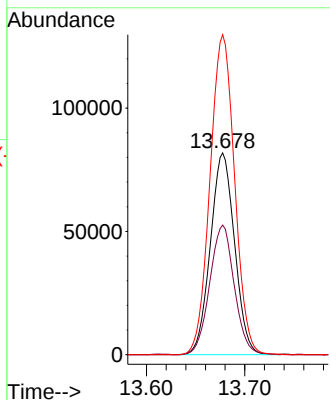
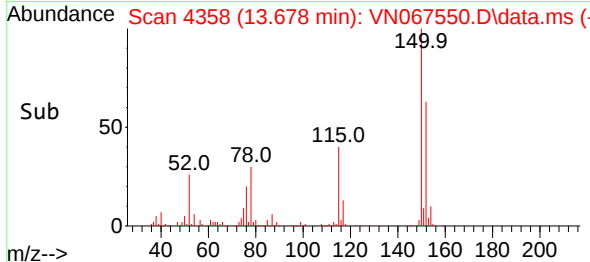
Instrument :
 MSVOA_N
 ClientSampleId :
 1970-WATER



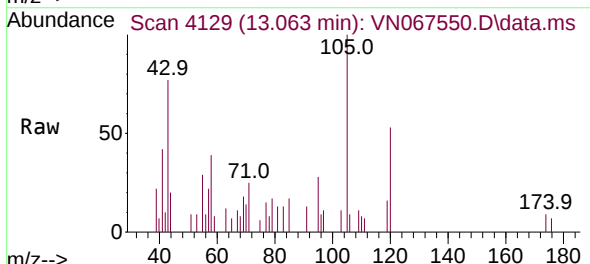
Tgt Ion:152 Resp: 140330
 Ion Ratio Lower Upper
 152 100
 115 65.2 36.1 108.5
 150 160.7 0.0 351.8

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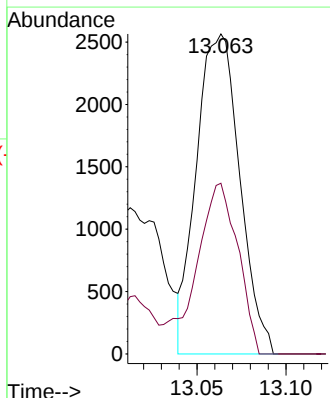
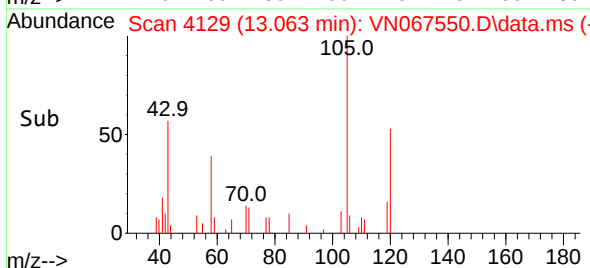
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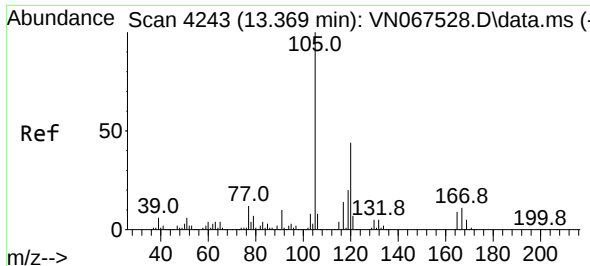


#80
 1,3,5-Trimethylbenzene
 Concen: 0.449 ug/l
 RT: 13.063 min Scan# 4129
 Delta R.T. 0.002 min
 Lab File: VN067550.D
 Acq: 29 Jun 2021 14:02



Tgt Ion:105 Resp: 4341
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.2 66.6





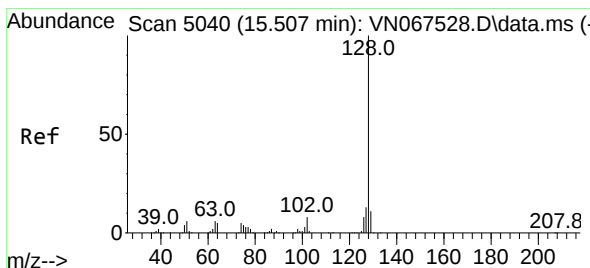
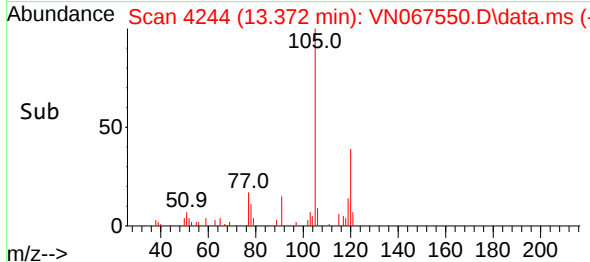
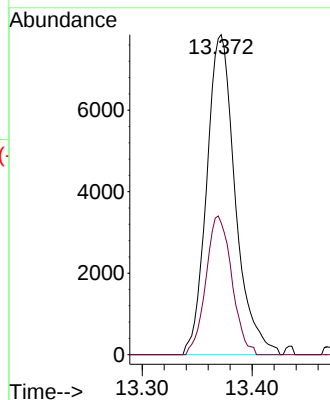
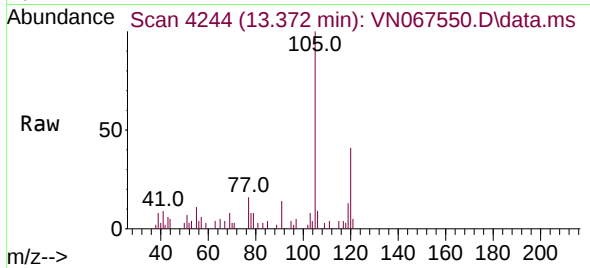
#84
1,2,4-Trimethylbenzene
Concen: 1.489 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion:105 Resp: 14180
Ion Ratio Lower Upper
105 100
120 39.2 20.6 61.8

Instrument :
MSVOA_N
ClientSampleId :
1970-WATER

Manual Integrations
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#95
Naphthalene
Concen: 7.352 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067550.D
Acq: 29 Jun 2021 14:02

Tgt Ion:128 Resp: 30810
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.1 8.6 12.8

