

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067992.D
 Acq On : 3 Aug 2021 19:27
 Operator : JC/MD
 Sample : M3261-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41936

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:41:02 PM

Quant Time: Aug 04 03:42:23 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	8.088	168	306889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	582738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	591848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	247493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	236657	54.472	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.940%			
35) Dibromofluoromethane	8.024	113	186204	54.829	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.660%			
50) Toluene-d8	10.443	98	755974	48.370	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.734	95	271791	47.637	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.280%			
Target Compounds						Qvalue
16) Acetone	4.293	43	51271	32.343	ug/l	93
17) Carbon Disulfide	4.524	76	47843	5.669	ug/l	98
25) 2-Butanone	7.346	43	26505	11.525	ug/l	94
42) 1,2-Dichloroethane	8.528	62	2978	0.505	ug/l	87
52) Toluene	10.508	92	4104166	395.811	ug/l	99
67) Ethyl Benzene	11.849	91	20913	0.976	ug/l	91
68) m/p-Xylenes	11.956	106	25634	6.688	ug/l	89
69) o-Xylene	12.286	106	14274	1.811	ug/l	86
78) n-propylbenzene	12.921	91	8638m	0.379	ug/l	
79) 2-Chlorotoluene	13.010	91	1011818	72.858	ug/l	92
82) 4-Chlorotoluene	13.106	91	1048739	75.216	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	85416	5.387	ug/l	99
86) p-Isopropyltoluene	13.616	119	5616	0.371	ug/l	94
89) n-Butylbenzene	13.940	91	3360	0.259	ug/l #	82
95) Naphthalene	15.507	128	23760	5.279	ug/l	97

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

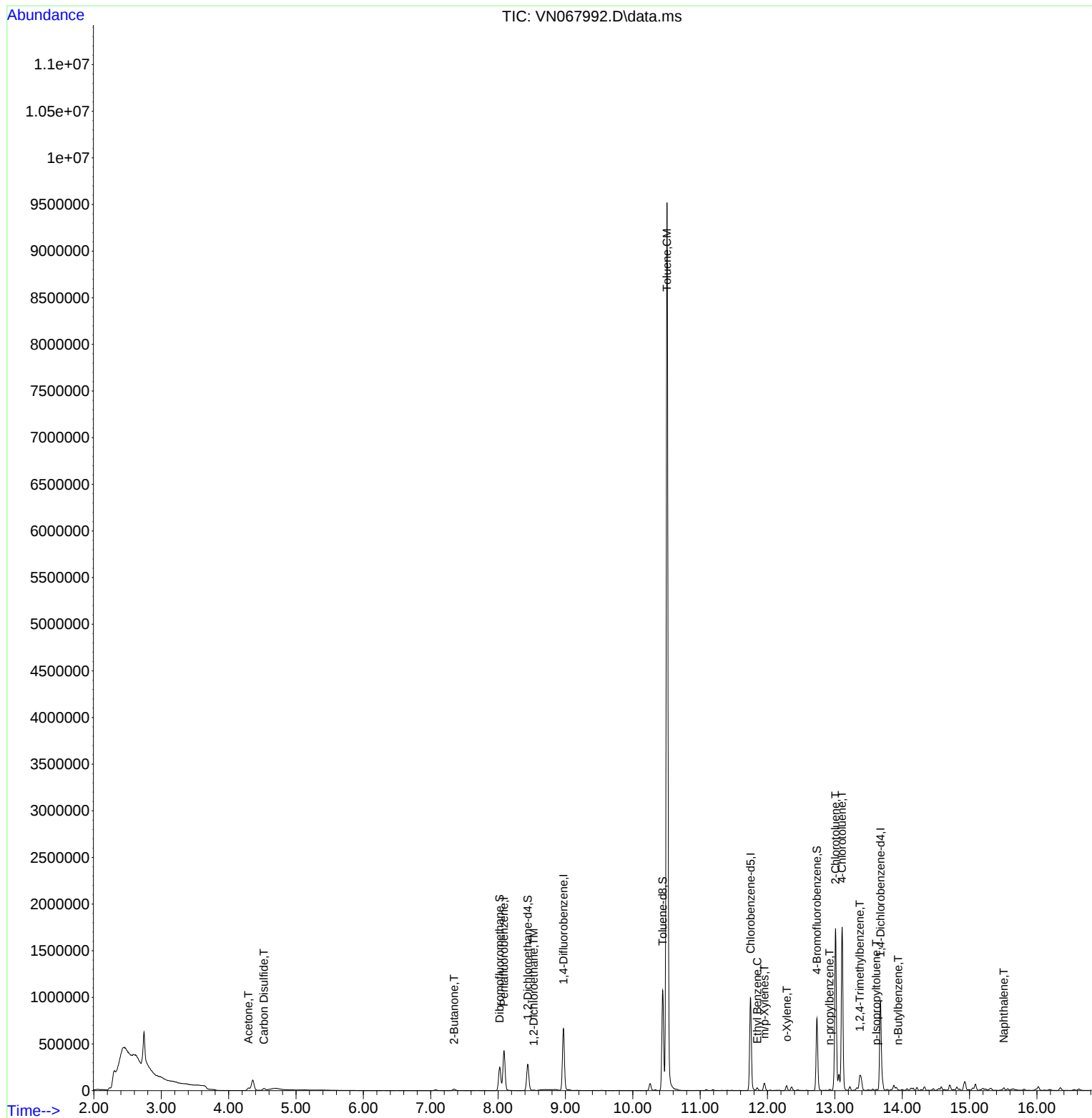
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
Data File : VN067992.D
Acq On : 3 Aug 2021 19:27
Operator : JC/MD
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ALS Vial : 19 Sample Multiplier: 1

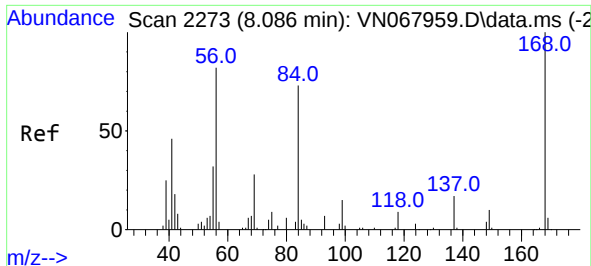
Instrument :
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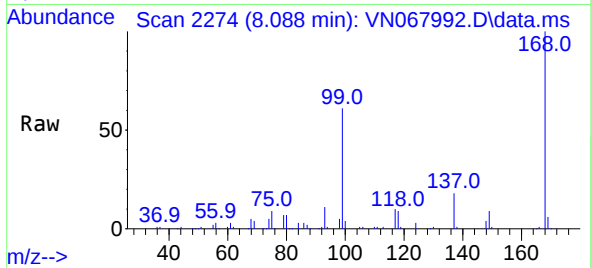
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Quant Time: Aug 04 03:42:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

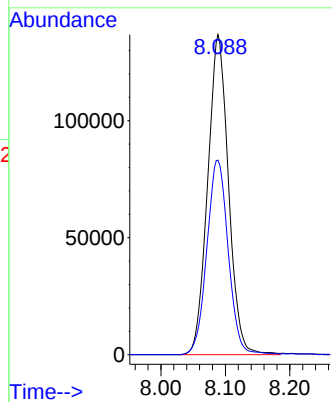
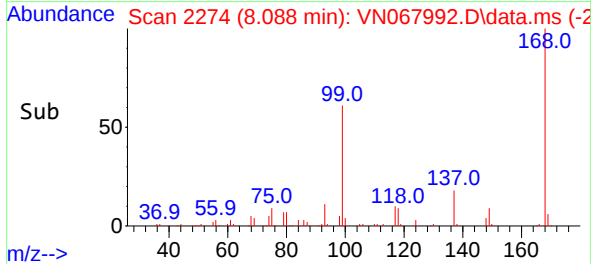




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



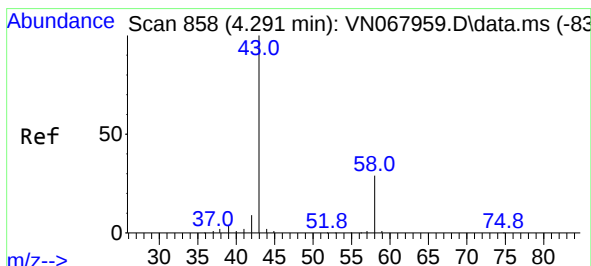
Tgt Ion:168 Resp: 306889
Ion Ratio Lower Upper
168 100
99 60.8 62.9 94.3#



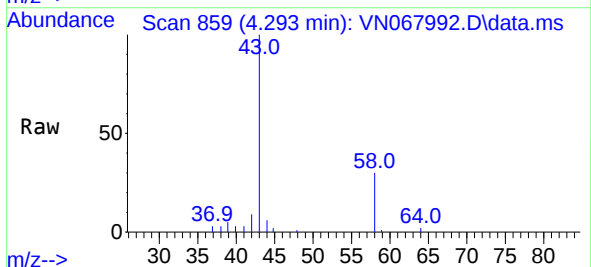
Instrument :
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ClientSampled :
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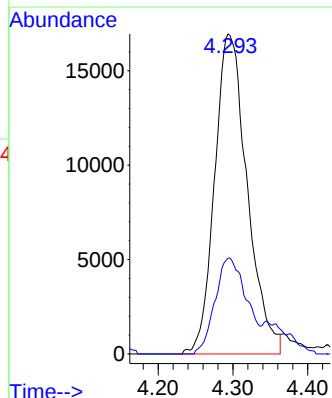
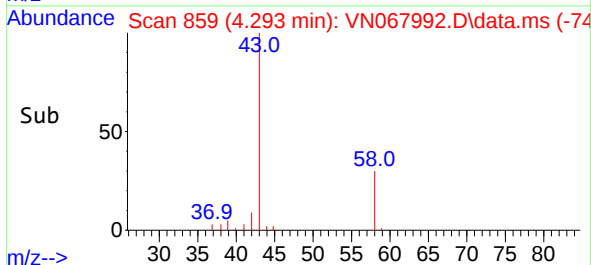
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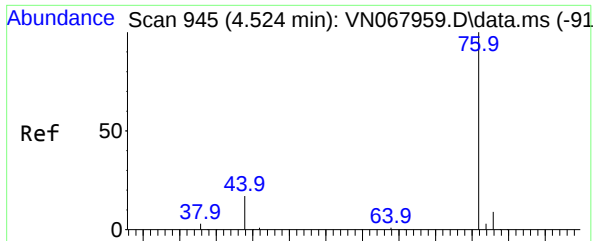


#16
Acetone
Concen: 32.343 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



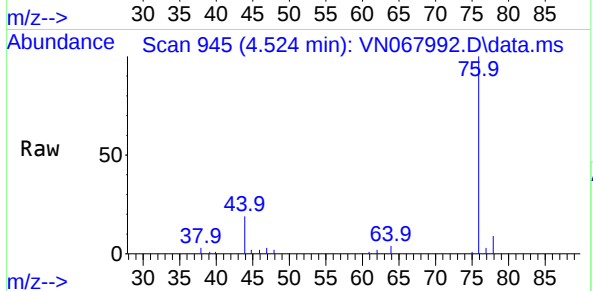
Tgt Ion: 43 Resp: 51271
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8





#17
Carbon Disulfide
Concen: 5.669 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

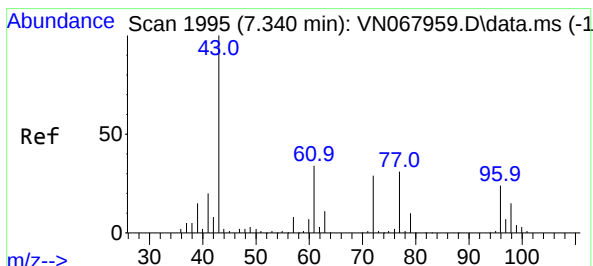
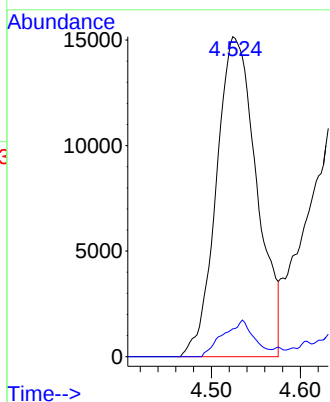
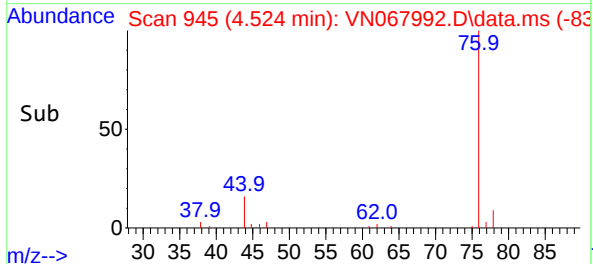
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ClientSampled :
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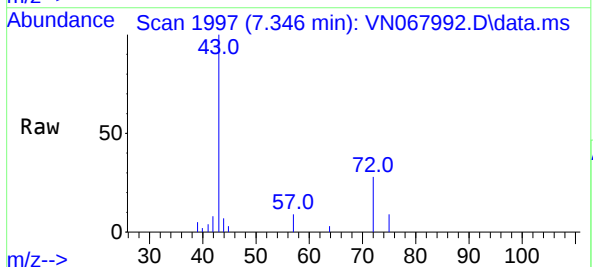
Tgt Ion: 76 Resp: 47843
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5

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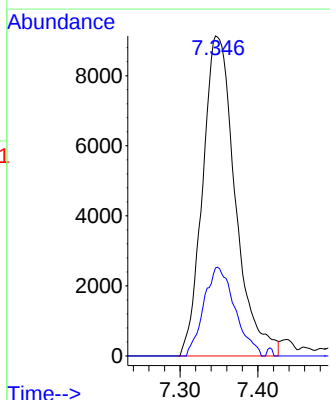
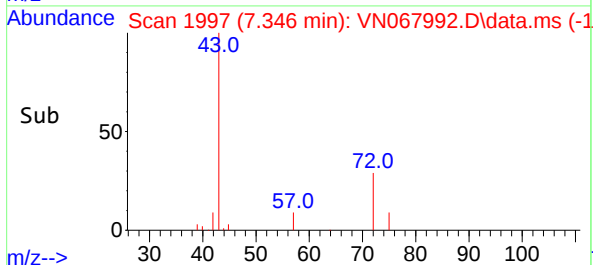
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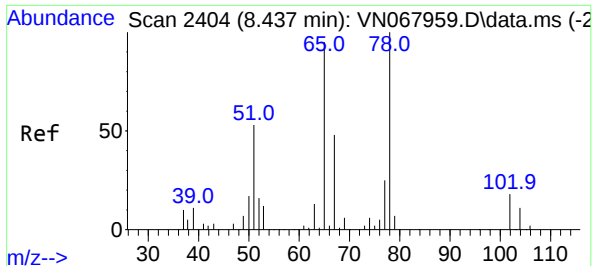


#25
2-Butanone
Concen: 11.525 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



Tgt Ion: 43 Resp: 26505
Ion Ratio Lower Upper
43 100
72 27.5 19.7 29.5





#33

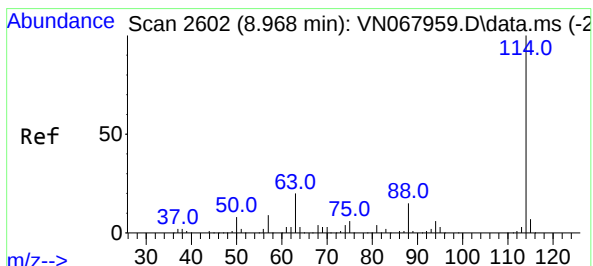
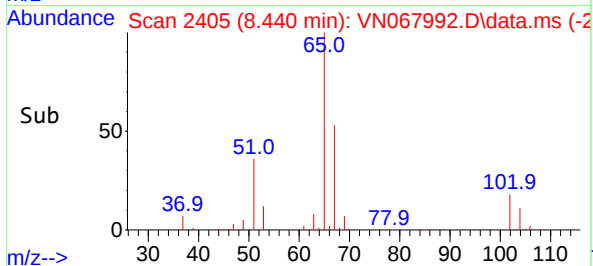
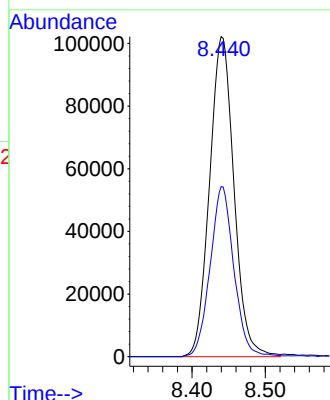
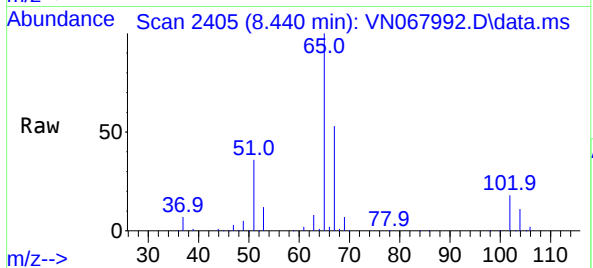
1,2-Dichloroethane-d4
Concen: 54.472 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

Tgt Ion: 65 Resp: 236657
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.6

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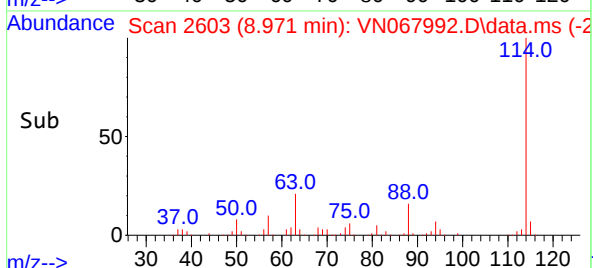
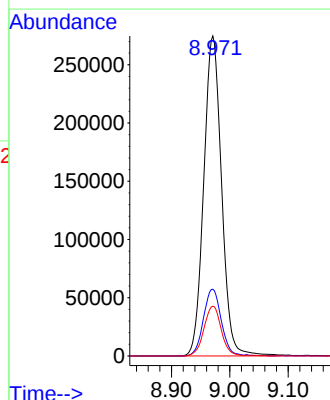
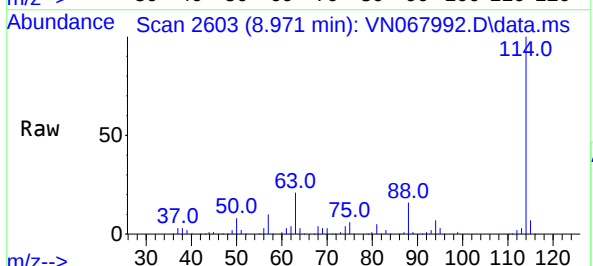
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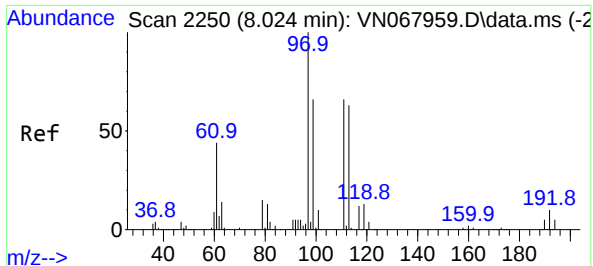


#34

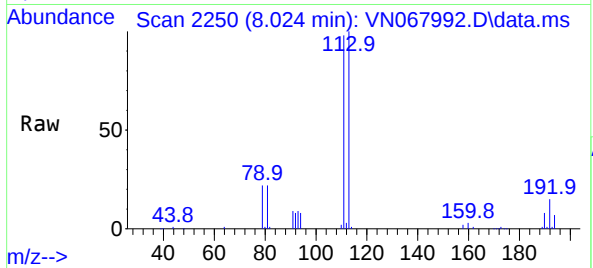
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

Tgt Ion: 114 Resp: 582738
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.6 0.0 36.6

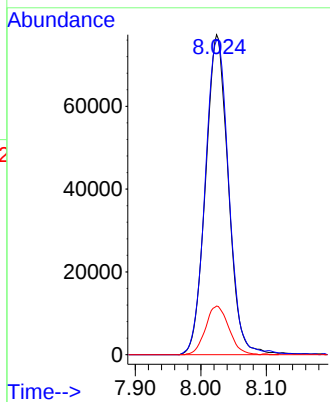
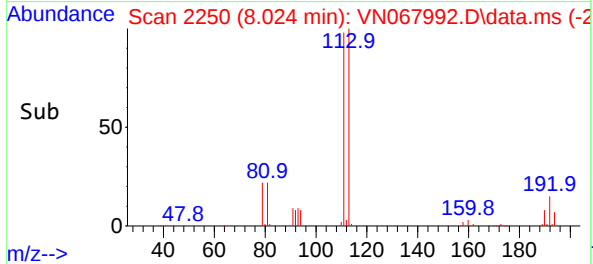




#35
Dibromofluoromethane
Concen: 54.829 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



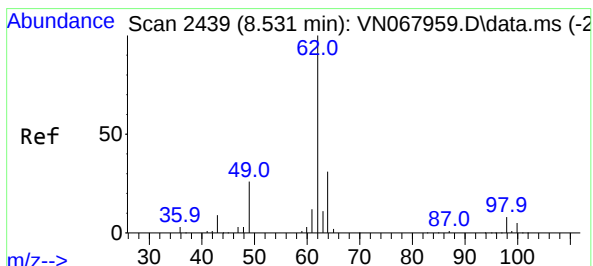
Tgt Ion: 113 Resp: 186204
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.8
192 15.6 13.4 20.0



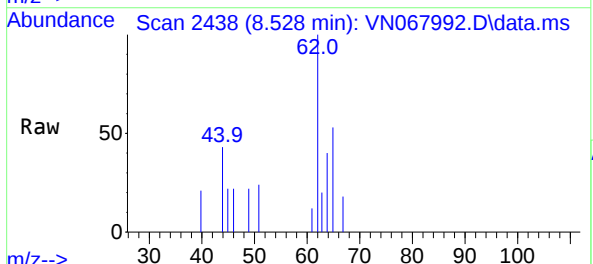
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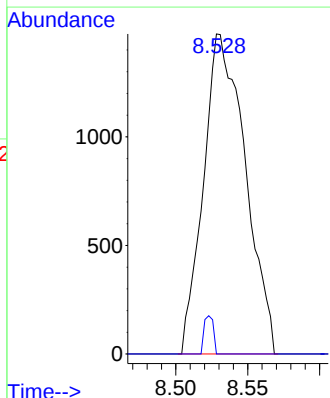
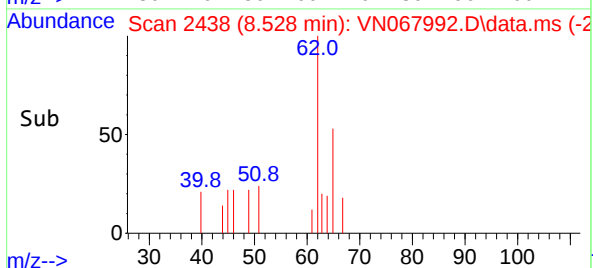
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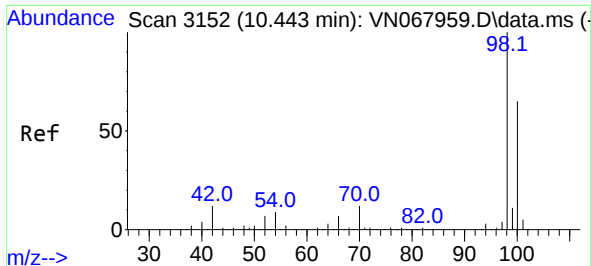


#42
1,2-Dichloroethane
Concen: 0.505 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



Tgt Ion: 62 Resp: 2978
Ion Ratio Lower Upper
62 100
98 2.7 0.0 14.2





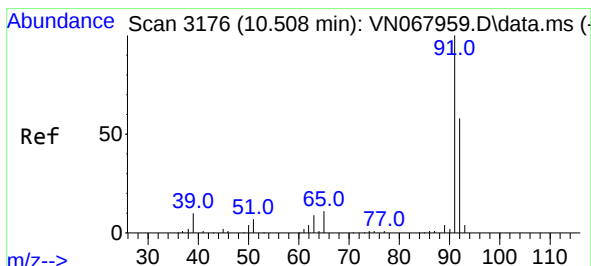
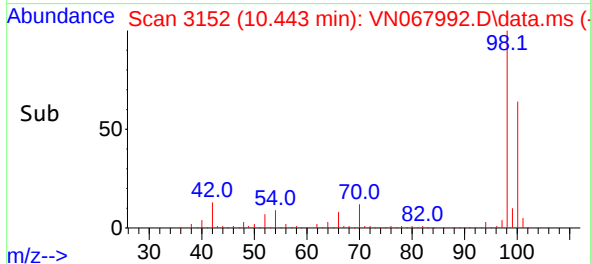
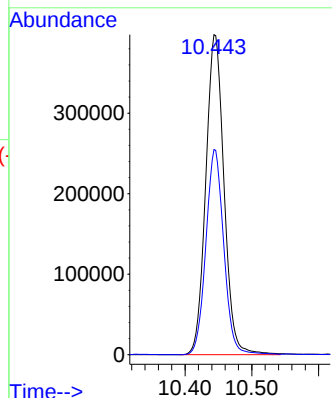
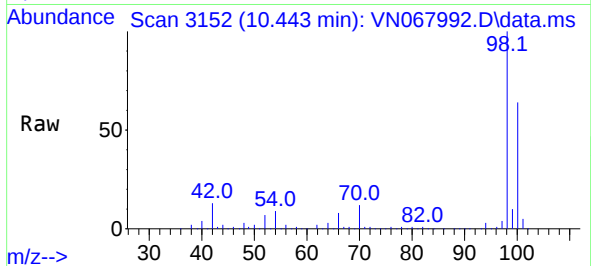
#50
Toluene-d8
Concen: 48.370 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

Tgt Ion: 98 Resp: 755974
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

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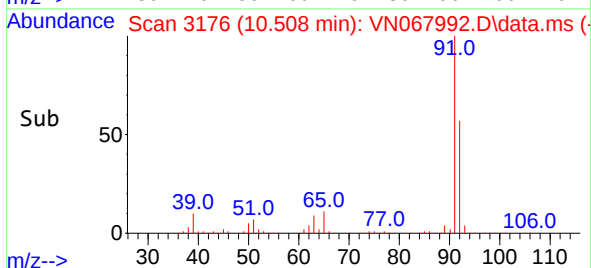
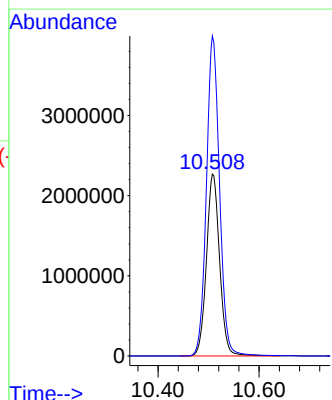
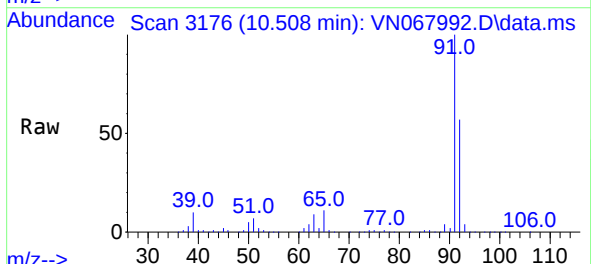
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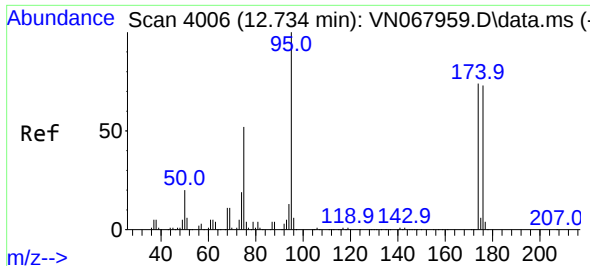
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#52
Toluene
Concen: 395.811 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

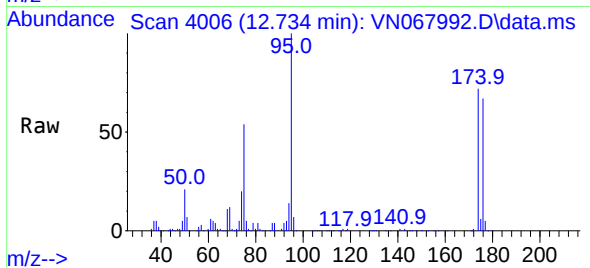
Tgt Ion: 92 Resp: 4104166
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 47.637 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

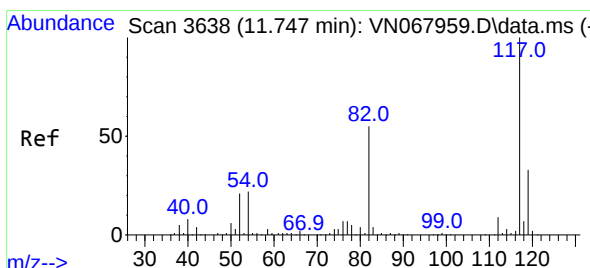
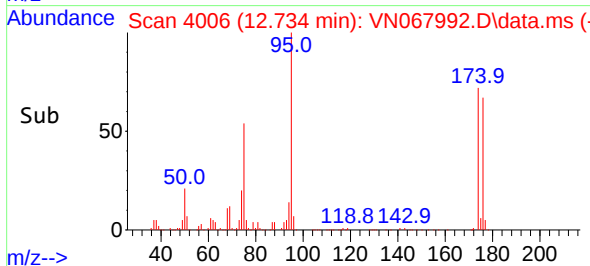
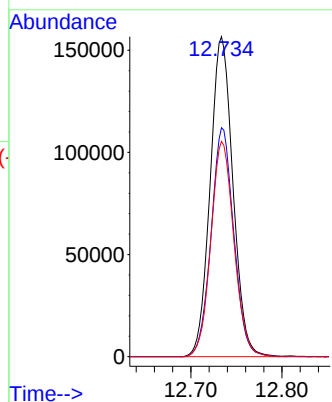
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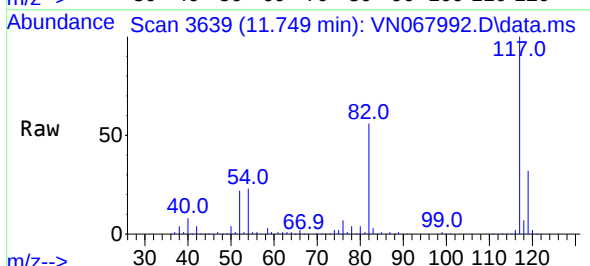
Tgt Ion: 95 Resp: 271791
Ion Ratio Lower Upper
95 100
174 71.3 0.0 122.0
176 68.0 0.0 117.6

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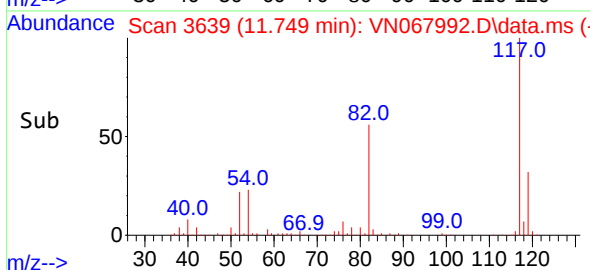
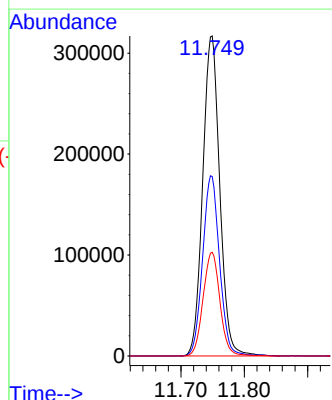
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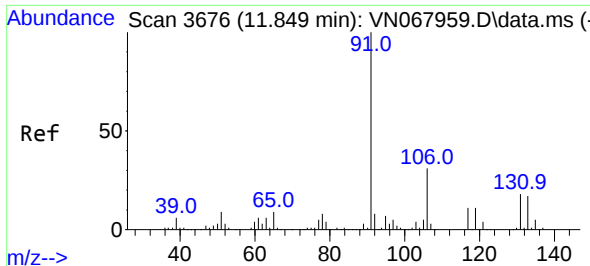


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



Tgt Ion: 117 Resp: 591848
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 32.4 25.5 38.3





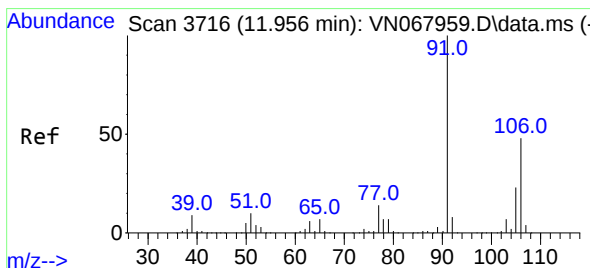
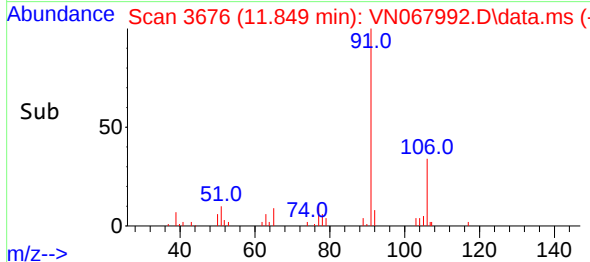
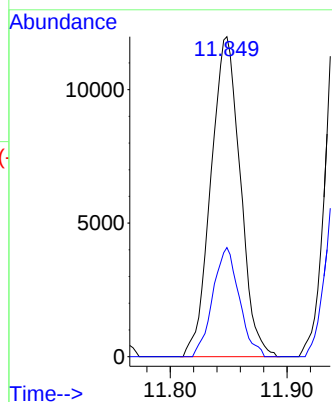
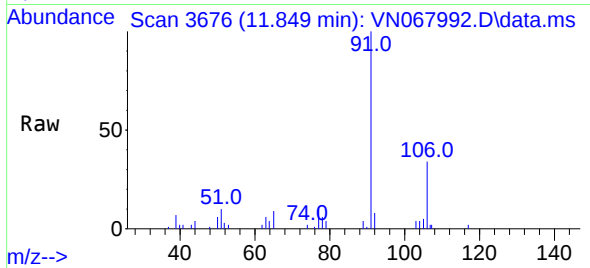
#67
Ethyl Benzene
Concen: 0.976 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

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Tgt Ion: 91 Resp: 20913
Ion Ratio Lower Upper
91 100
106 34.1 23.4 35.0

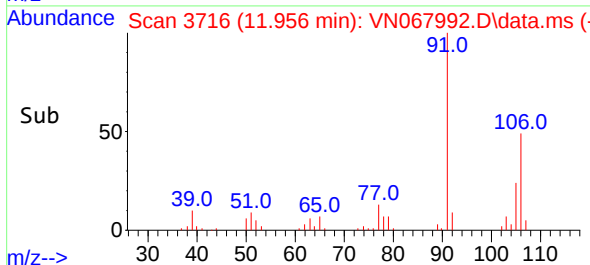
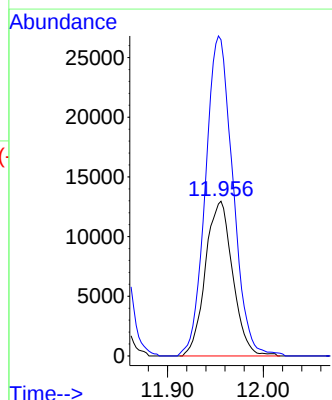
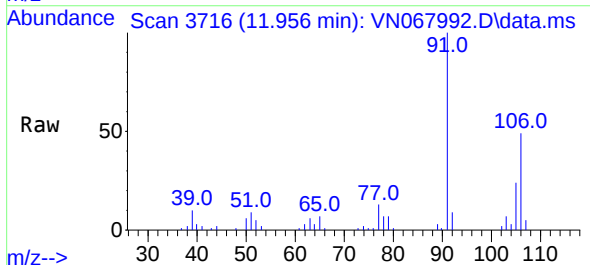
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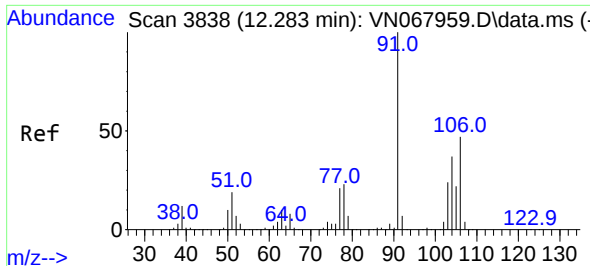
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#68
m/p-Xylenes
Concen: 6.688 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

Tgt Ion: 106 Resp: 25634
Ion Ratio Lower Upper
106 100
91 207.9 180.6 270.8





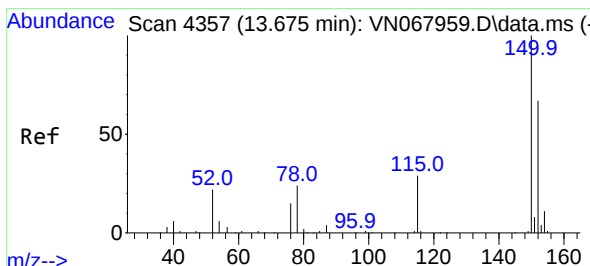
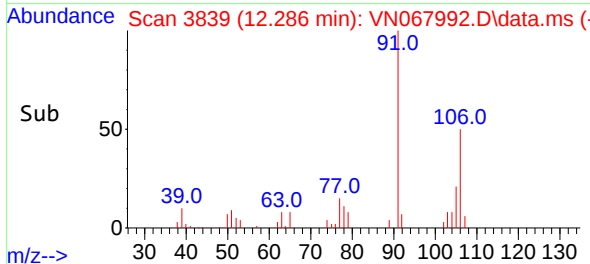
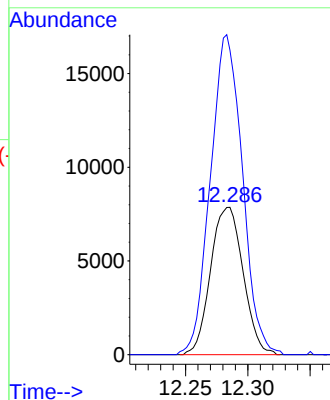
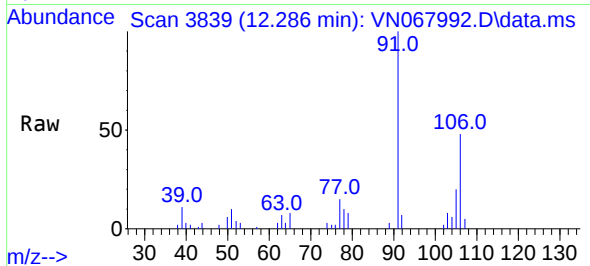
#69
o-Xylene
Concen: 1.811 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

Tgt Ion:106 Resp: 14274
Ion Ratio Lower Upper
106 100
91 213.8 118.3 354.9

Instrument :
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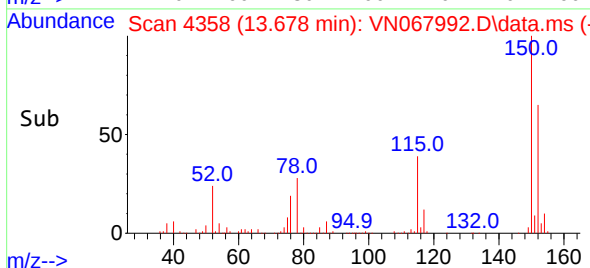
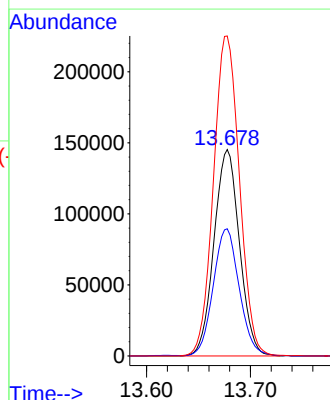
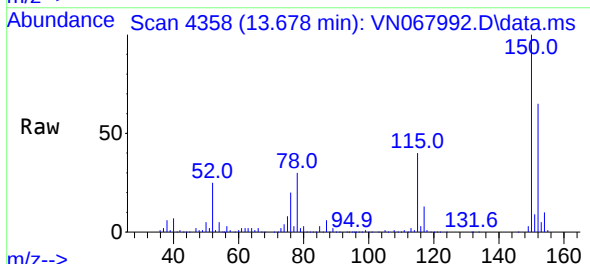
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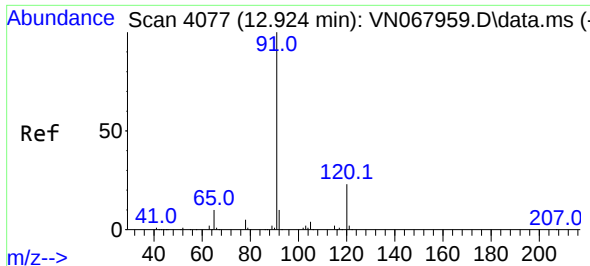
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

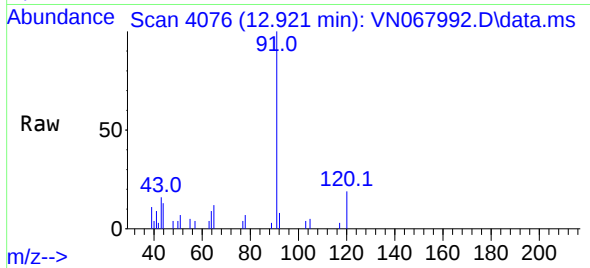
Tgt Ion:152 Resp: 247493
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 158.3 0.0 351.8





#78
n-propylbenzene
Concen: 0.379 ug/l m
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

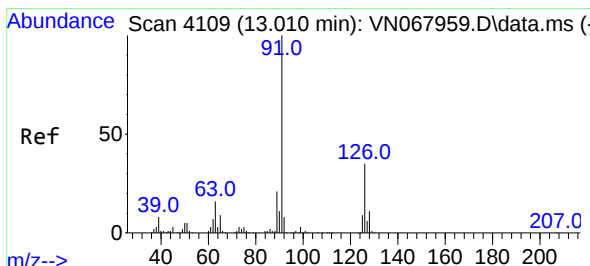
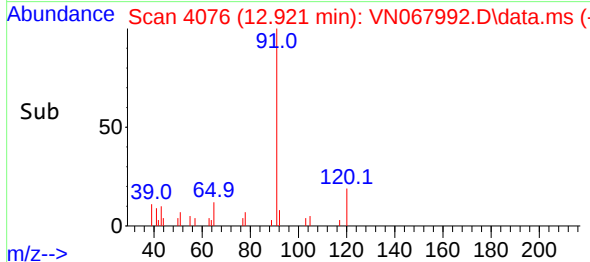
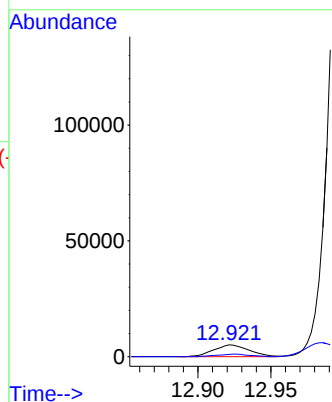
Instrument :
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ClientSampled :
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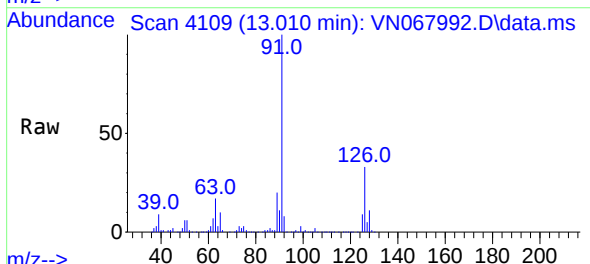
Tgt Ion: 91 Resp: 8638
Ion Ratio Lower Upper
91 100
120 0.0 10.4 31.4#

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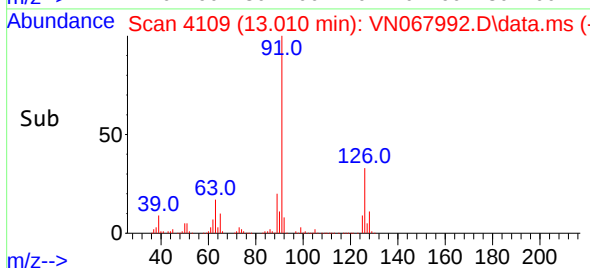
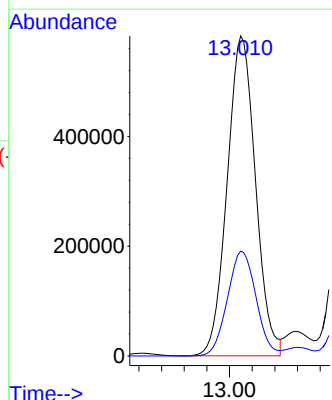
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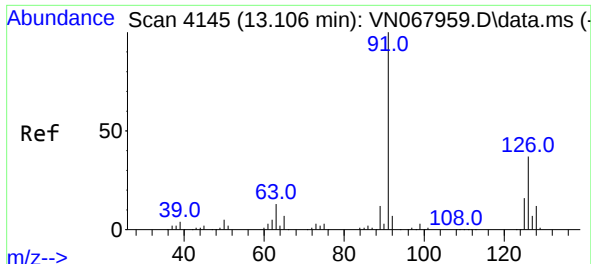


#79
2-Chlorotoluene
Concen: 72.858 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



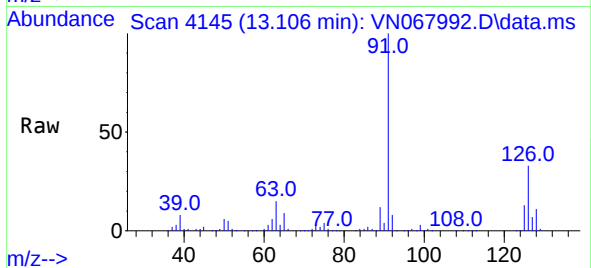
Tgt Ion: 91 Resp: 1011818
Ion Ratio Lower Upper
91 100
126 33.1 14.5 43.5





#82
4-Chlorotoluene
Concen: 75.216 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

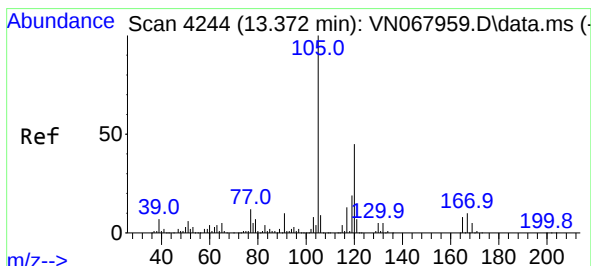
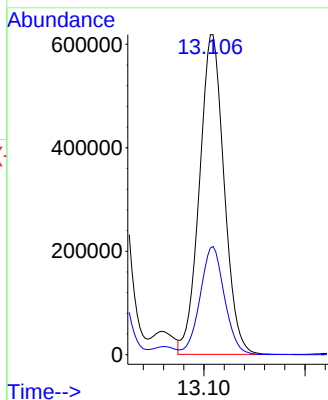
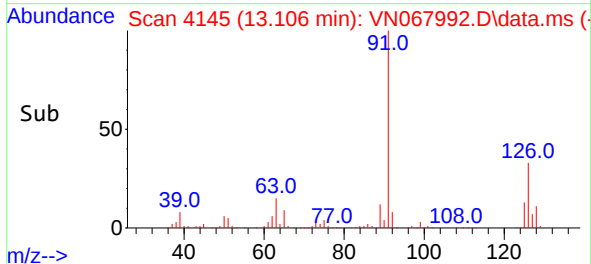
Instrument :
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ClientSampled :
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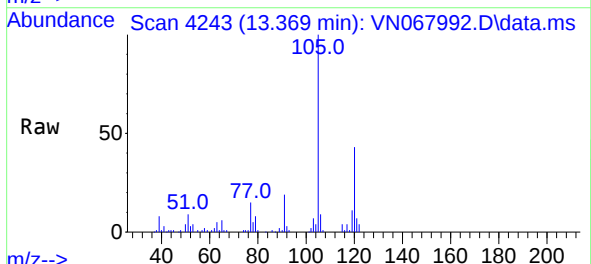
Tgt Ion: 91 Resp: 1048739
Ion Ratio Lower Upper
91 100
126 33.4 14.8 44.4

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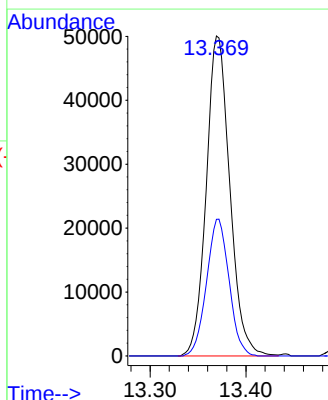
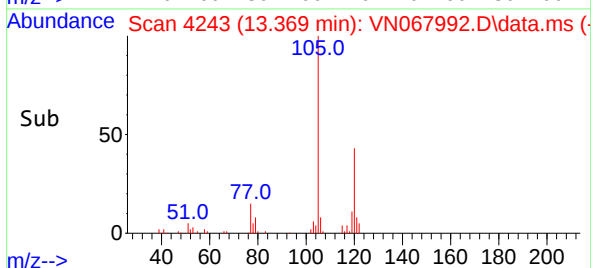
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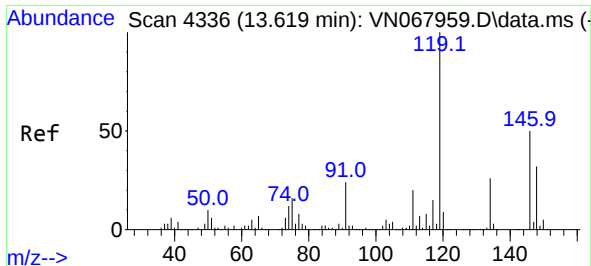


#84
1,2,4-Trimethylbenzene
Concen: 5.387 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27

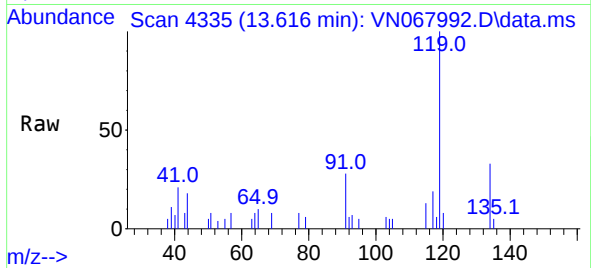


Tgt Ion: 105 Resp: 85416
Ion Ratio Lower Upper
105 100
120 40.8 20.6 61.8

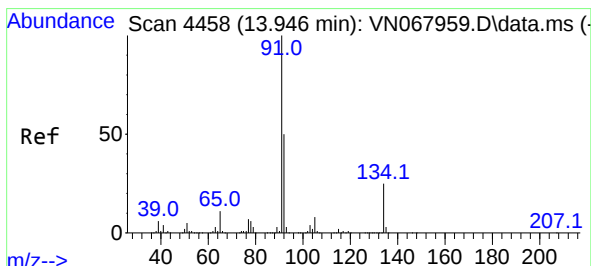
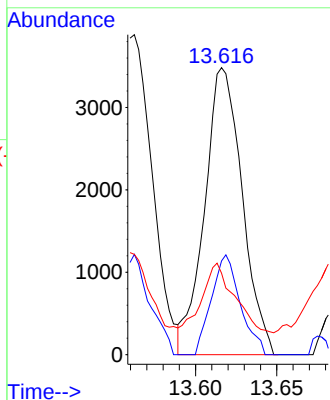
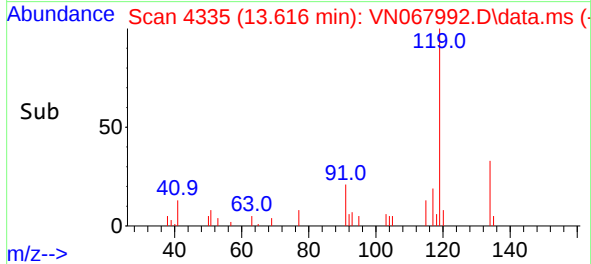




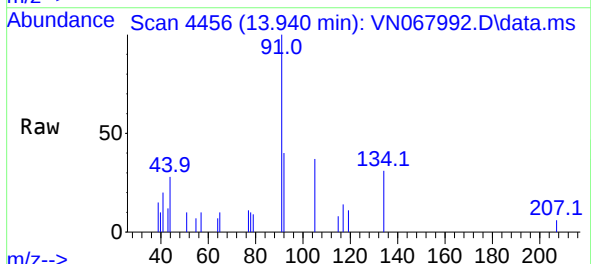
#86
p-Isopropyltoluene
Concen: 0.371 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



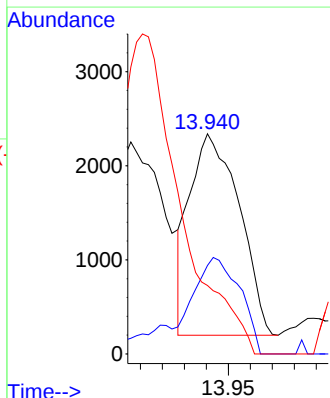
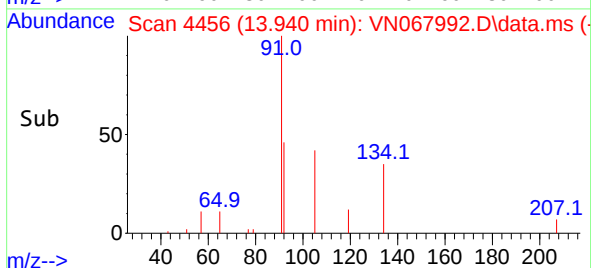
Tgt Ion: 119 Resp: 5616
Ion Ratio Lower Upper
119 100
134 26.7 12.4 37.4
91 34.0 14.8 44.3



#89
n-Butylbenzene
Concen: 0.259 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.006 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



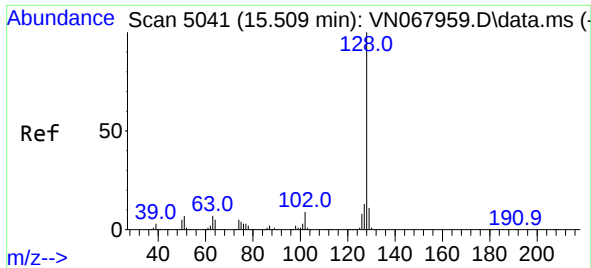
Tgt Ion: 91 Resp: 3360
Ion Ratio Lower Upper
91 100
92 54.9 25.7 77.1
134 0.0 11.2 33.6#



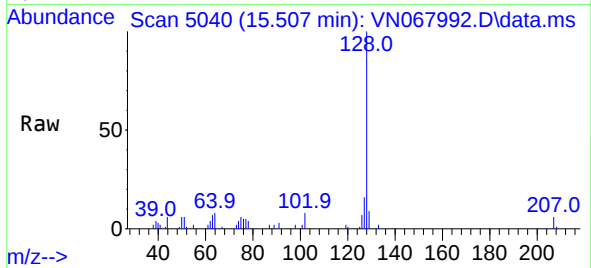
Instrument :
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41936

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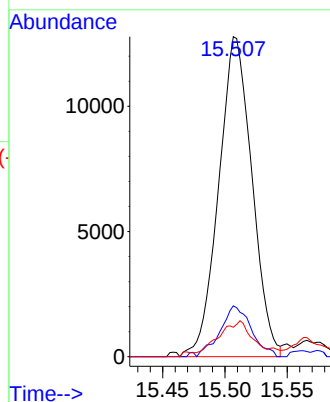
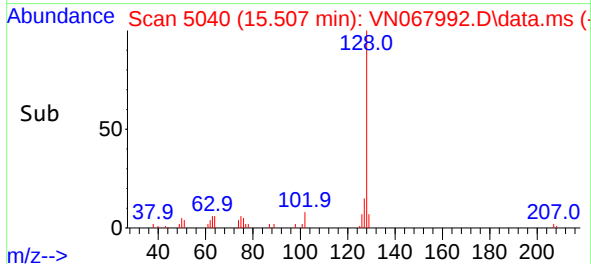
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#95
Naphthalene
Concen: 5.279 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067992.D
Acq: 3 Aug 2021 19:27



Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.6	15.8
129	9.8	8.6	12.8



Instrument :
MSVOA_N
ClientSampleId :
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