

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067442.D
 Acq On : 22 Jun 2021 17:14
 Operator : JC/MD
 Sample : M2787-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41828

Manual Integrations
 APPROVED

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Quant Time: Jun 23 04:06:00 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	285858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	587926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	524820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	180710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	258900	45.911	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.820%		
35) Dibromofluoromethane	8.027	113	179984	46.030	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.060%		
50) Toluene-d8	10.446	98	780566	52.083	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.160%		
62) 4-Bromofluorobenzene	12.734	95	267374	43.230	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.460%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.396	59	11683m	12.585	ug/l	
16) Acetone	4.293	43	147879	68.335	ug/l	90
25) 2-Butanone	7.351	43	27950	9.039	ug/l	97
52) Toluene	10.505	92	3611	0.312	ug/l	96
68) m/p-Xylenes	11.950	106	2725	0.339	ug/l #	29
70) Styrene	12.296	104	4056	0.311	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	3986	0.276	ug/l	87

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

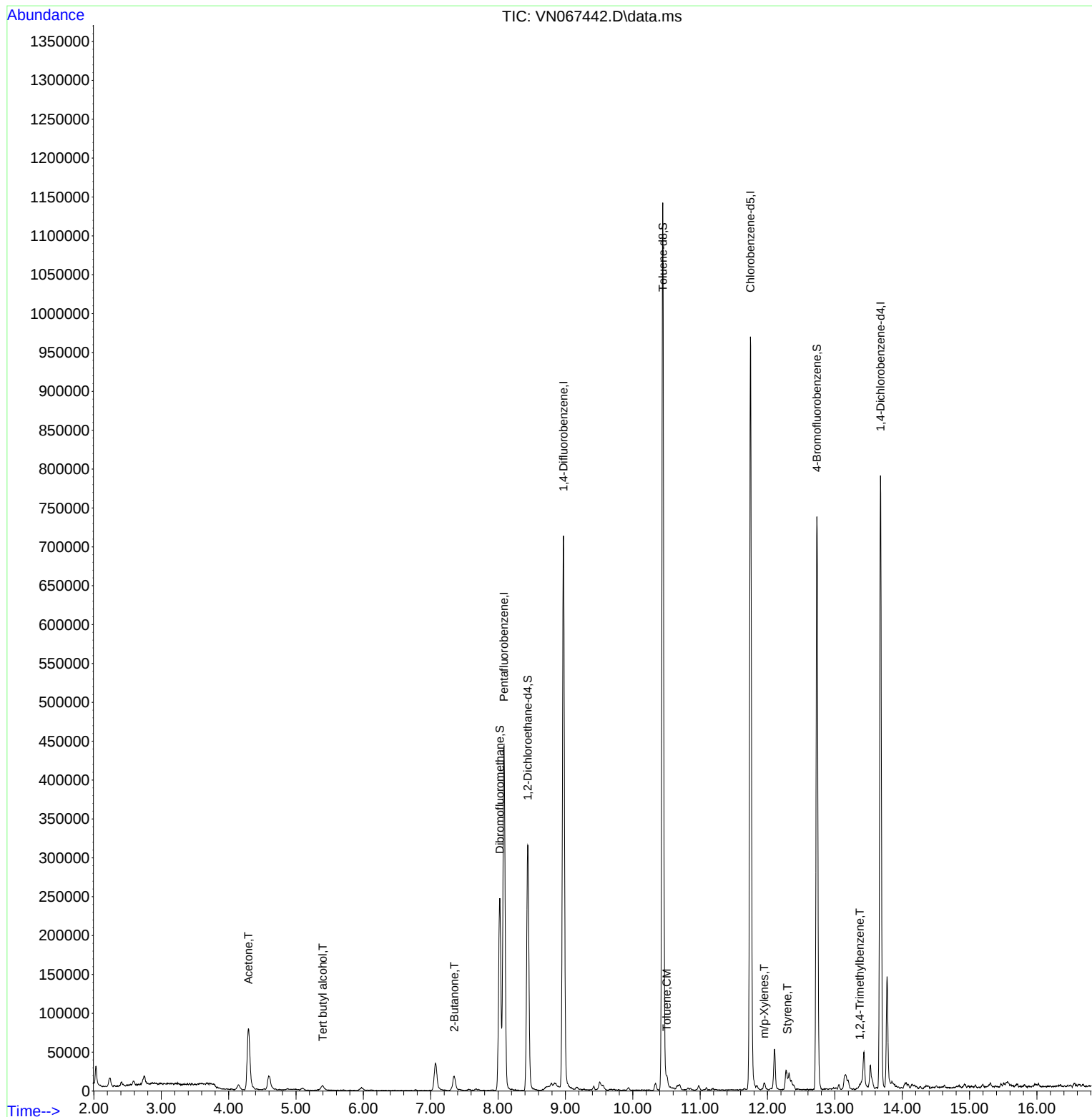
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Data File : VN067442.D
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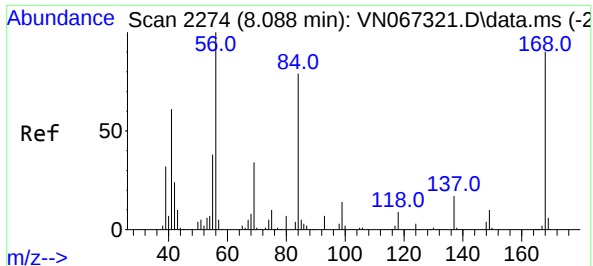
Instrument :
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41828

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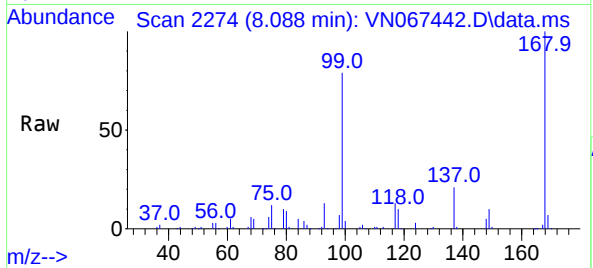
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Quant Time: Jun 23 04:06:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

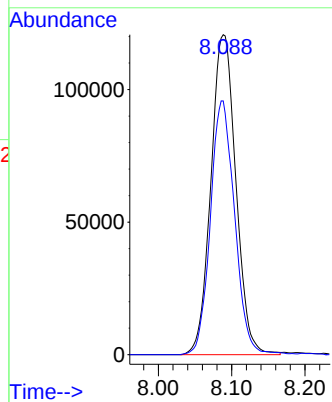
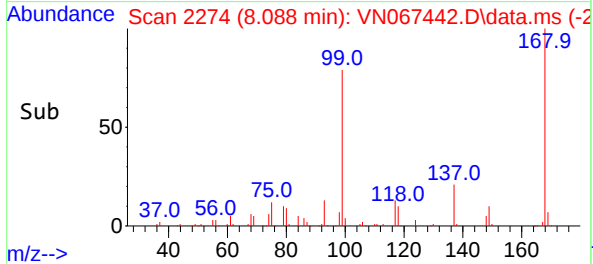




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



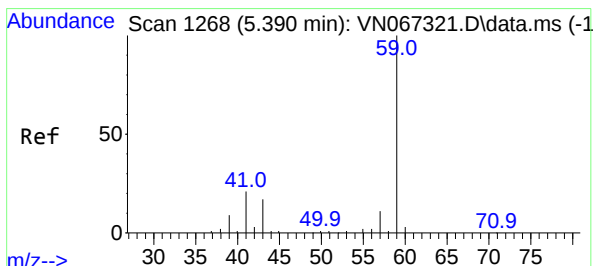
Tgt Ion: 168 Resp: 285858
Ion Ratio Lower Upper
168 100
99 79.3 62.9 94.3



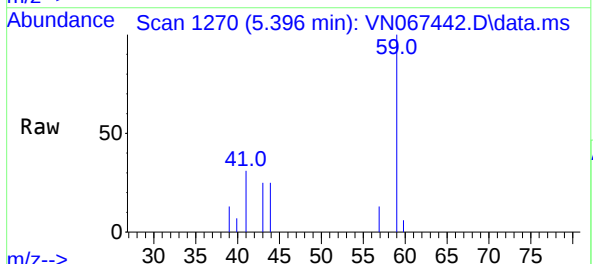
Instrument :
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ClientSampleId :
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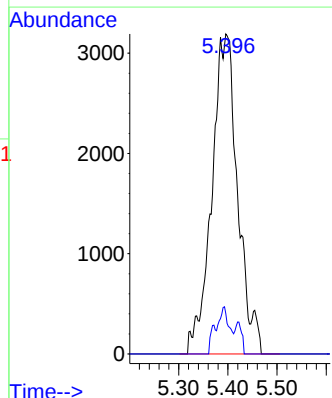
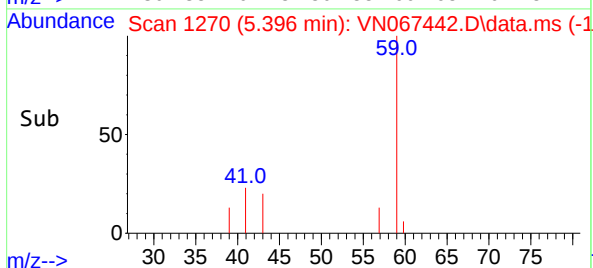
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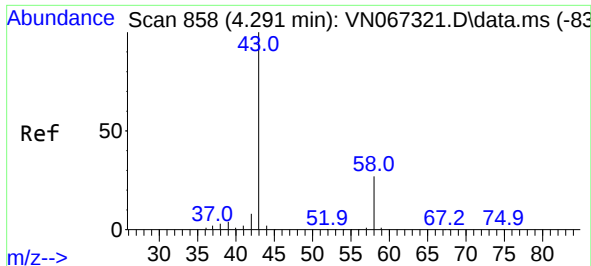


#11
Tert butyl alcohol
Concen: 12.585 ug/l m
RT: 5.396 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



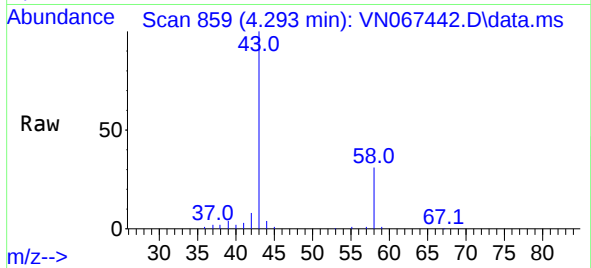
Tgt Ion: 59 Resp: 11683
Ion Ratio Lower Upper
59 100
57 5.8 8.7 13.1#





#16
Acetone
Concen: 68.335 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

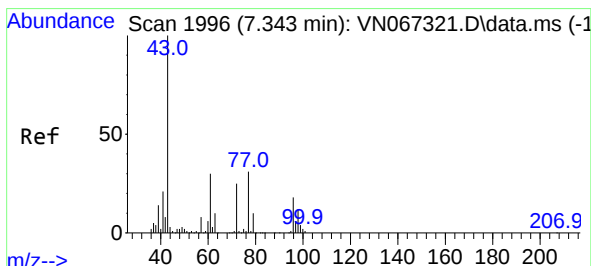
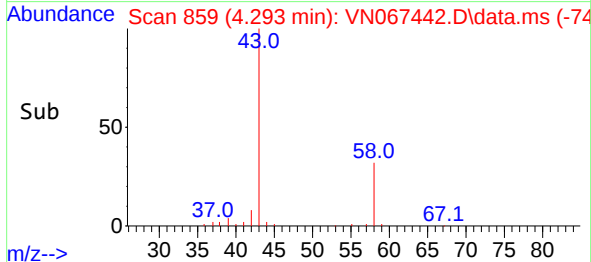
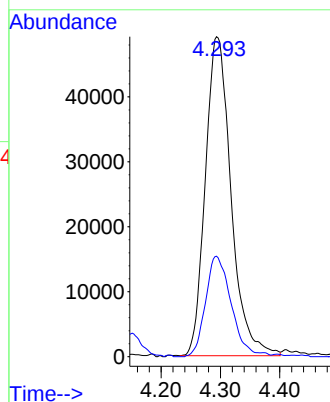
Instrument :
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Tgt Ion: 43 Resp: 147879
Ion Ratio Lower Upper
43 100
58 31.5 21.2 31.8

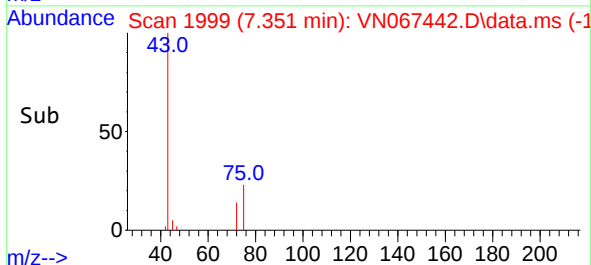
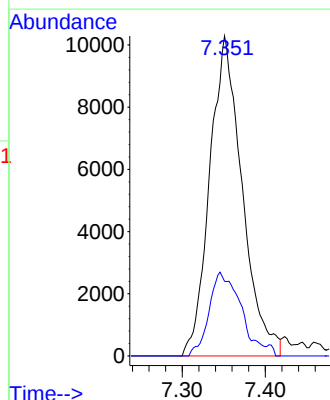
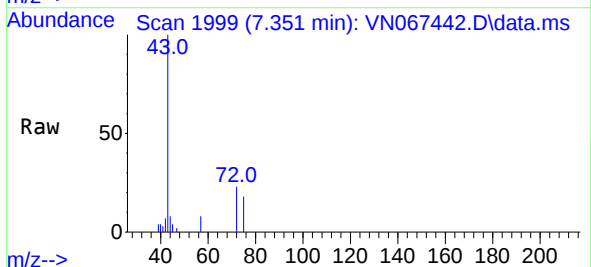
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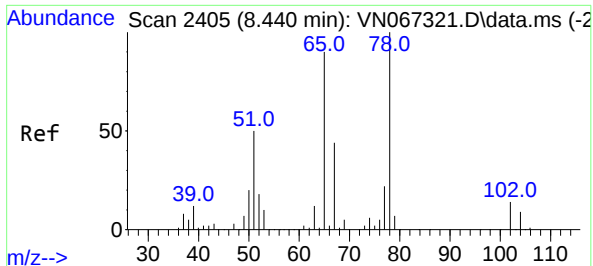
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#25
2-Butanone
Concen: 9.039 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

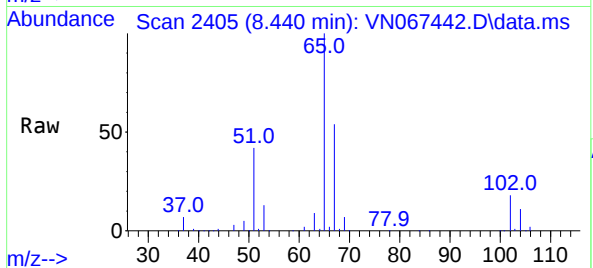
Tgt Ion: 43 Resp: 27950
Ion Ratio Lower Upper
43 100
72 23.3 19.7 29.5





#33
1,2-Dichloroethane-d4
Concen: 45.911 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

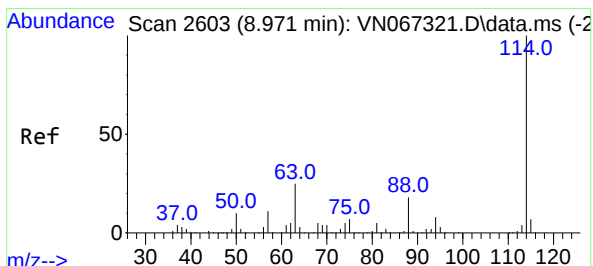
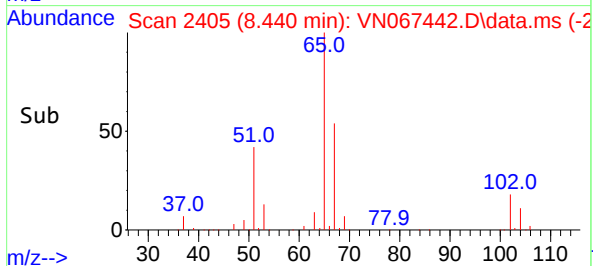
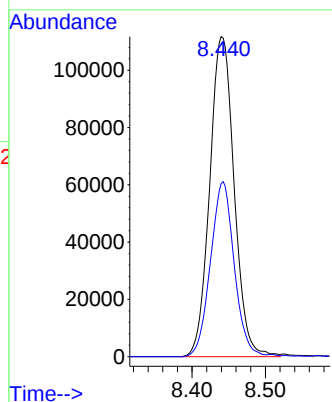
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41828



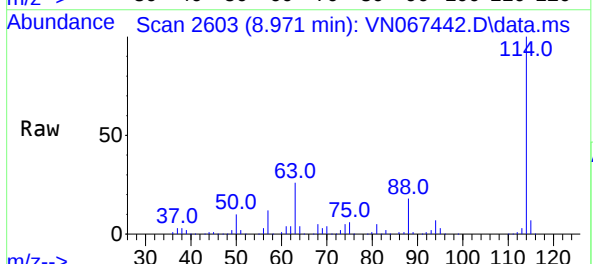
Tgt Ion: 65 Resp: 258900
Ion Ratio Lower Upper
65 100
67 53.0 0.0 98.6

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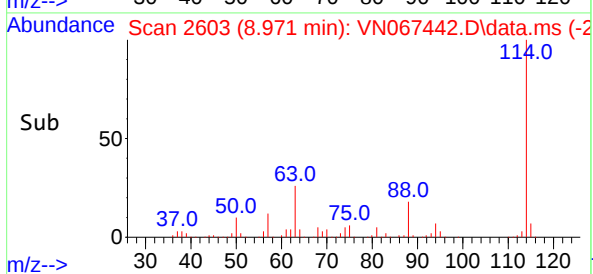
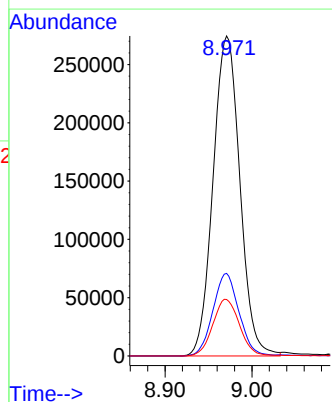
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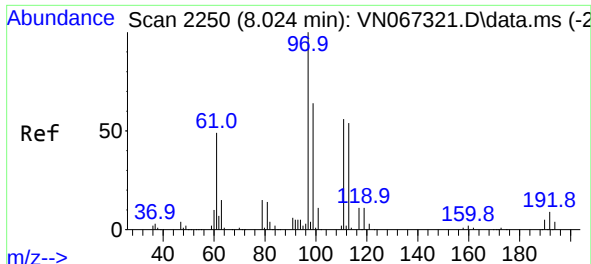


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

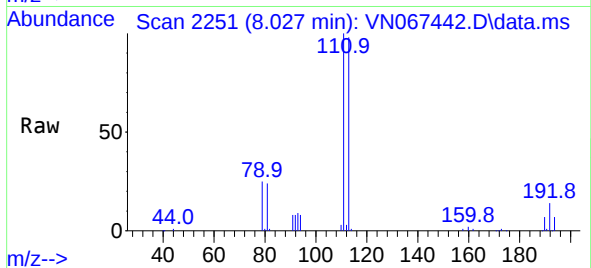


Tgt Ion: 114 Resp: 587926
Ion Ratio Lower Upper
114 100
63 25.8 0.0 49.0
88 17.7 0.0 36.6

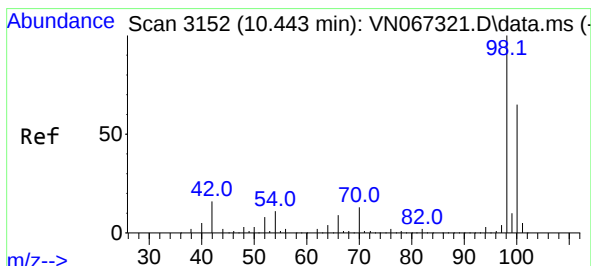
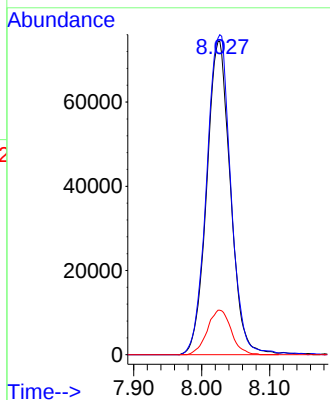
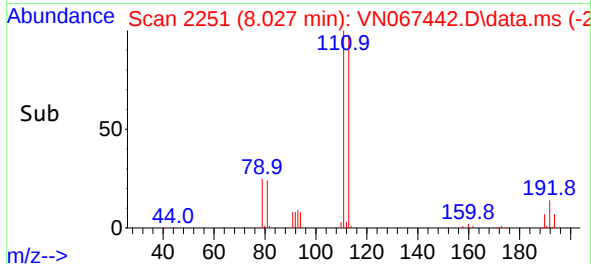




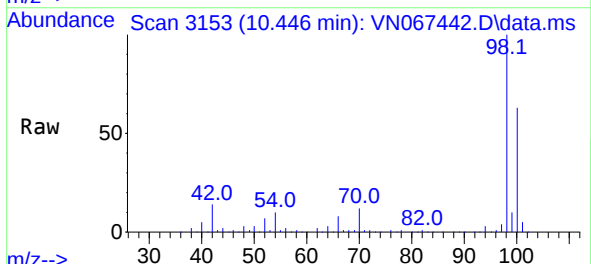
#35
Dibromofluoromethane
Concen: 46.030 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



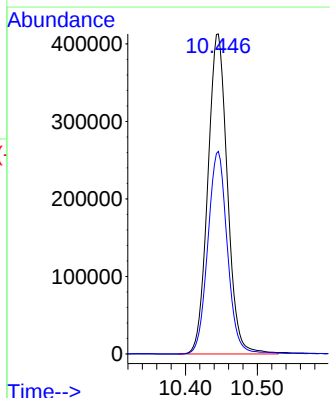
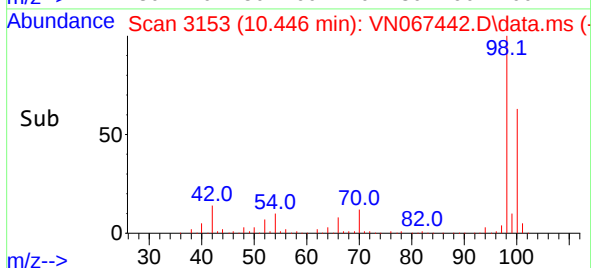
Tgt Ion:113 Resp: 179984
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 14.4 13.4 20.0



#50
Toluene-d8
Concen: 52.083 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



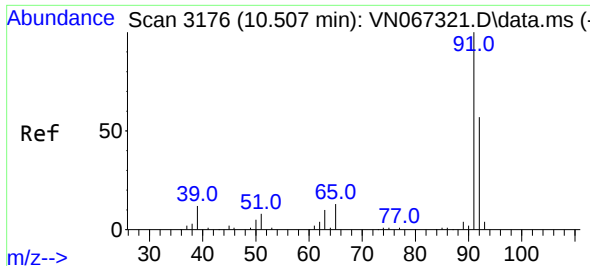
Tgt Ion: 98 Resp: 780566
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



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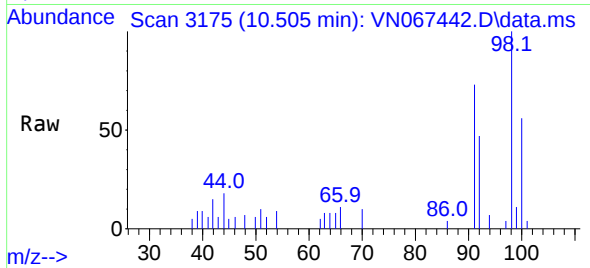
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#52
Toluene
Concen: 0.312 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

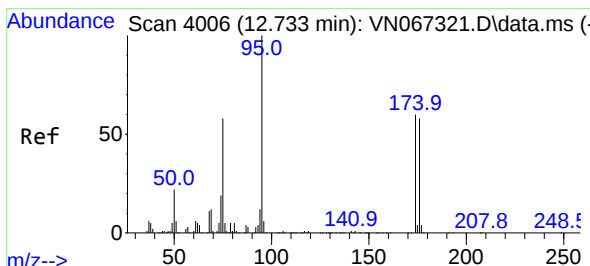
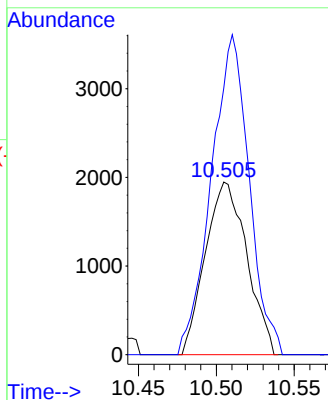
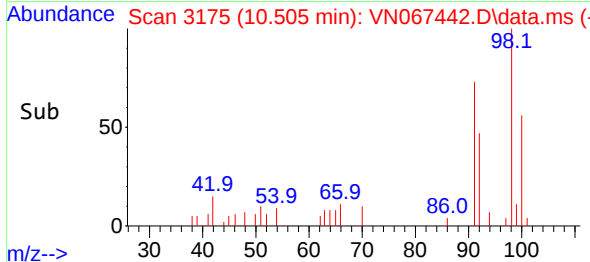
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MSVOA_N
ClientSampled :
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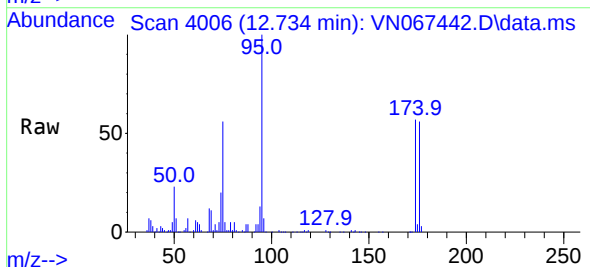
Tgt Ion: 92 Resp: 3611
Ion Ratio Lower Upper
92 100
91 169.0 139.6 209.4

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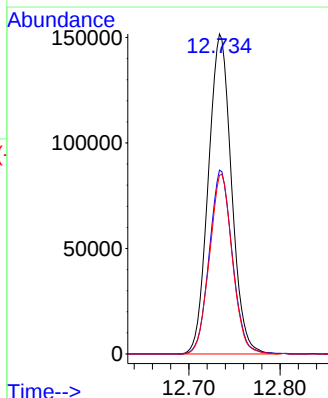
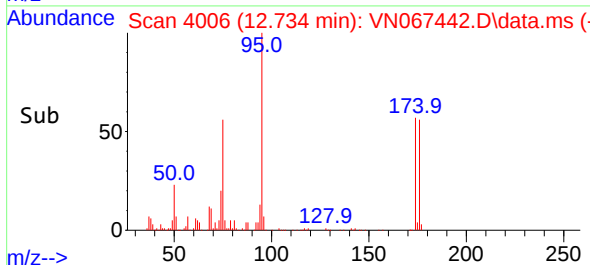
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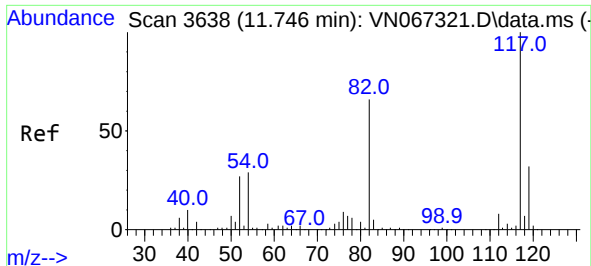


#62
4-Bromofluorobenzene
Concen: 43.230 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

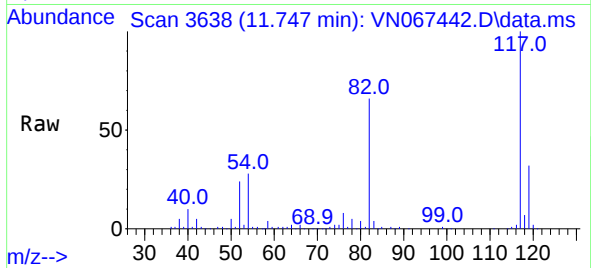


Tgt Ion: 95 Resp: 267374
Ion Ratio Lower Upper
95 100
174 57.1 0.0 122.0
176 55.4 0.0 117.6

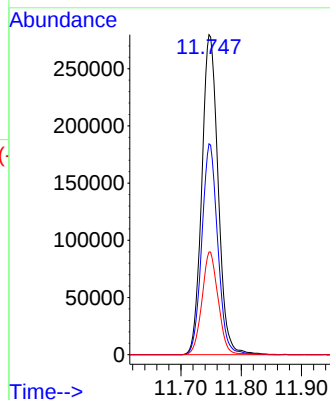
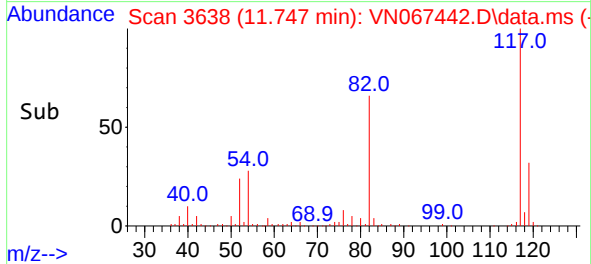




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



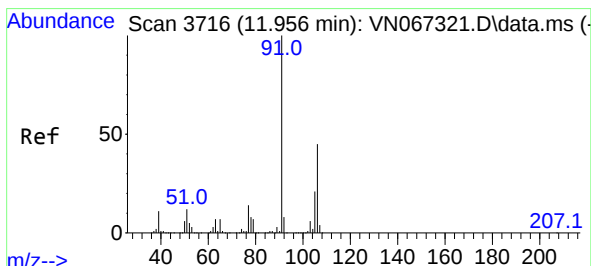
Tgt Ion:117 Resp: 524820
Ion Ratio Lower Upper
117 100
82 65.9 53.1 79.7
119 32.1 25.5 38.3



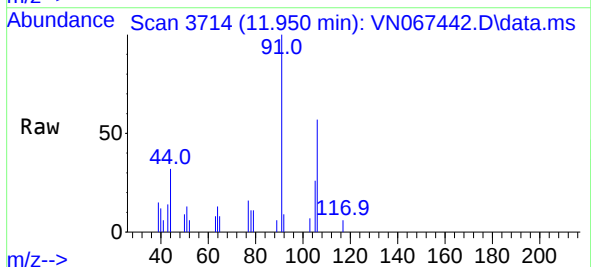
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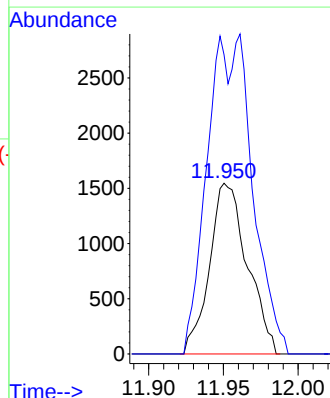
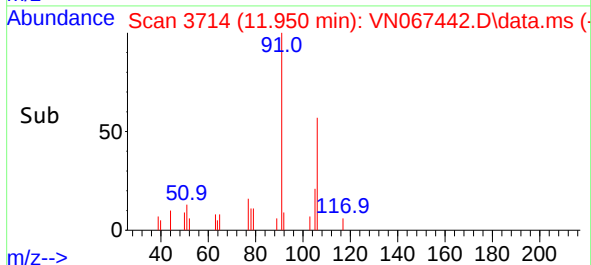
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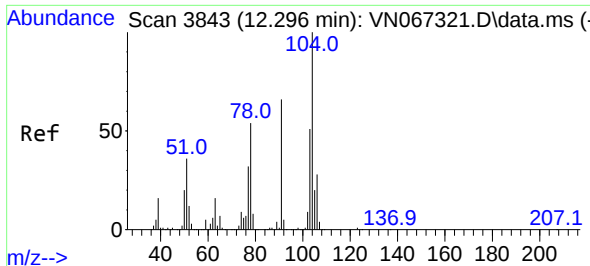


#68
m/p-Xylenes
Concen: 0.339 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



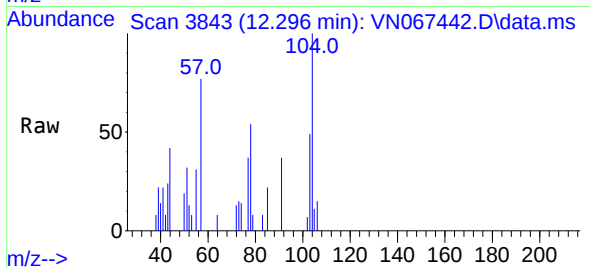
Tgt Ion:106 Resp: 2725
Ion Ratio Lower Upper
106 100
91 110.1 180.6 270.8#





#70
Styrene
Concen: 0.311 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14

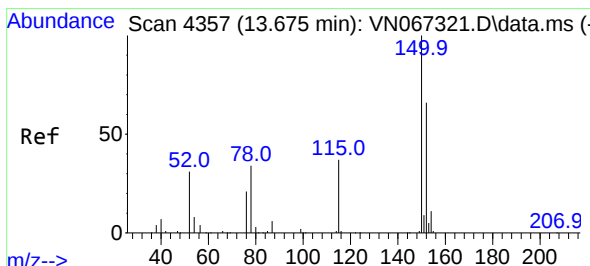
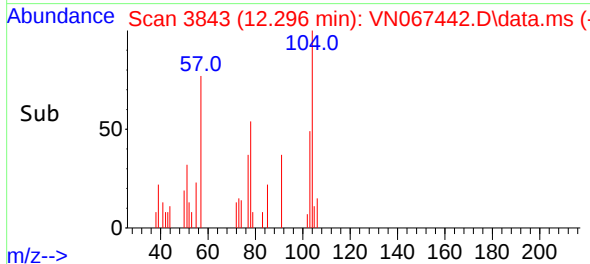
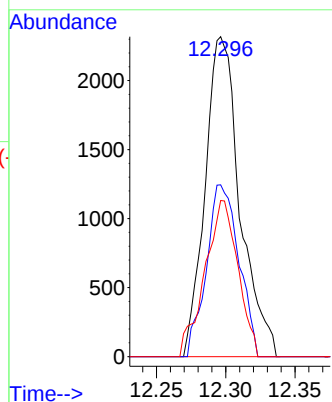
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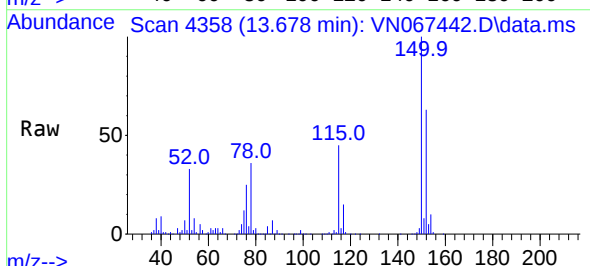
Tgt Ion:	104	Resp:	4056
Ion Ratio	Lower	Upper	
104	100		
78	49.9	48.2	72.2
103	46.1	44.5	66.7

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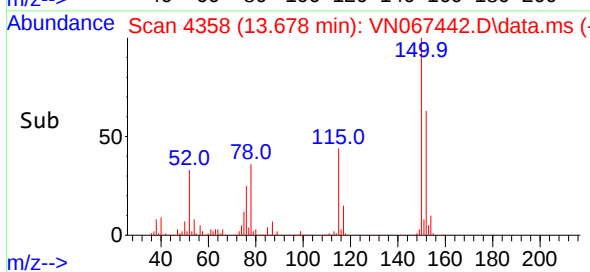
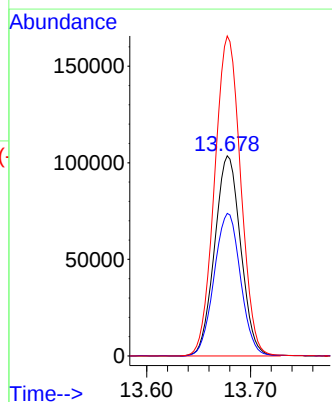
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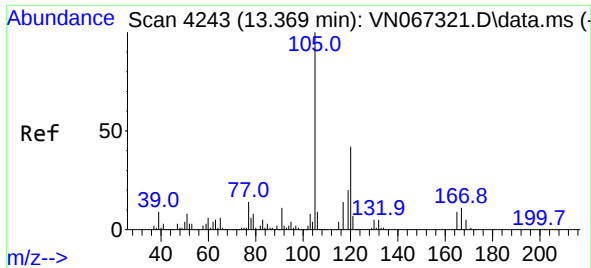


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067442.D
Acq: 22 Jun 2021 17:14



Tgt Ion:	152	Resp:	180710
Ion Ratio	Lower	Upper	
152	100		
115	72.4	36.1	108.5
150	160.2	0.0	351.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.276 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN067442.D
 Acq: 22 Jun 2021 17:14

Tgt Ion:105 Resp: 3986
 Ion Ratio Lower Upper
 105 100
 120 32.8 20.6 61.8

Instrument :
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