

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067693.D
 Acq On : 9 Jul 2021 18:17
 Operator : JC/MD
 Sample : M2999-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-N43502

Manual Integrations
 APPROVED

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 7/12/2021 5:44:54 PM

Quant Time: Jul 10 05:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	313902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	587080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	543922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	205483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	245177	51.681	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.360%			
35) Dibromofluoromethane	8.024	113	175755	49.550	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.100%			
50) Toluene-d8	10.446	98	749470	50.480	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.733	95	241232	45.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.398	59	4420m	6.484	ug/l	
16) Acetone	4.304	43	5056	3.387	ug/l	96
18) Methyl Acetate	4.862	43	4160m	0.992	ug/l	
30) Chloroform	7.823	83	8348	1.145	ug/l	87

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

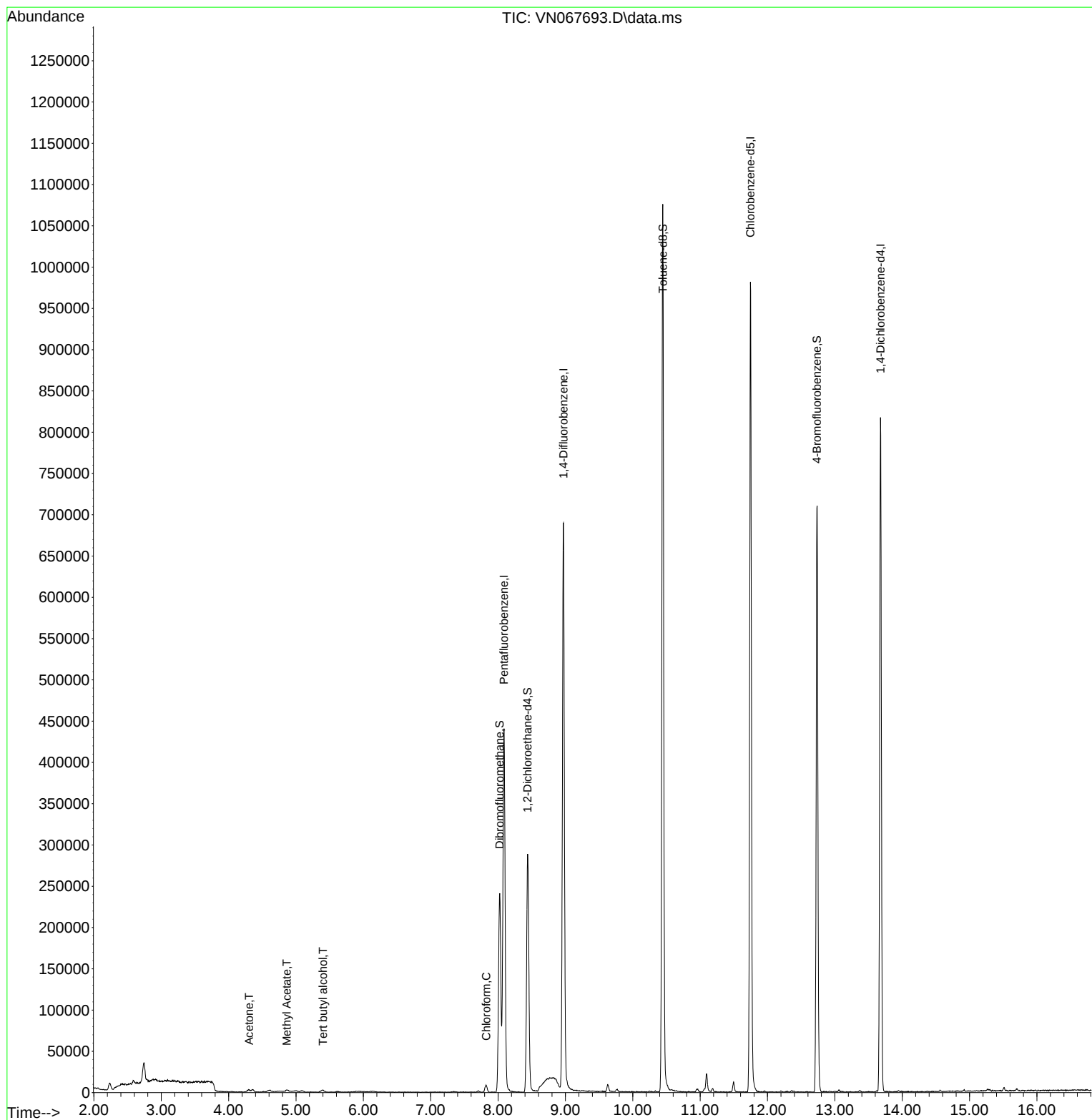
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Data File : VN067693.D
Acq On : 9 Jul 2021 18:17
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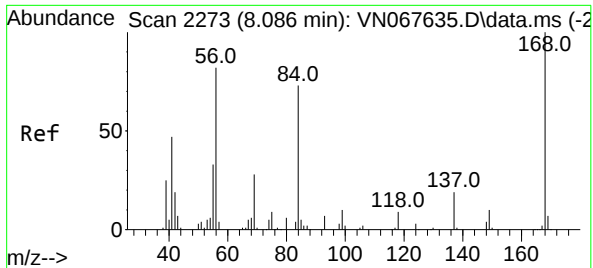
Instrument :
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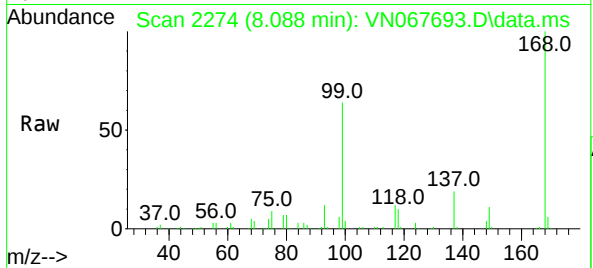
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Quant Time: Jul 10 05:26:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
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Response via : Initial Calibration

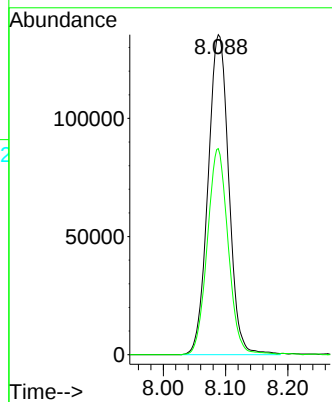
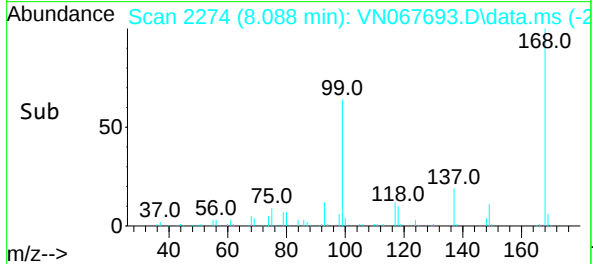




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17



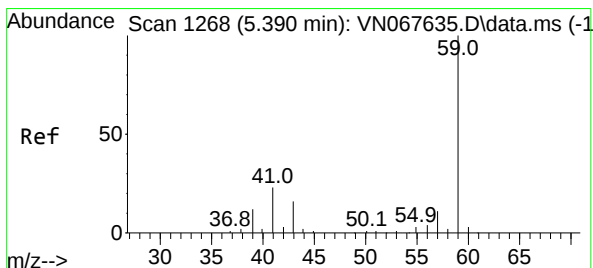
Tgt Ion: 168 Resp: 313902
Ion Ratio Lower Upper
168 100
99 64.4 62.9 94.3



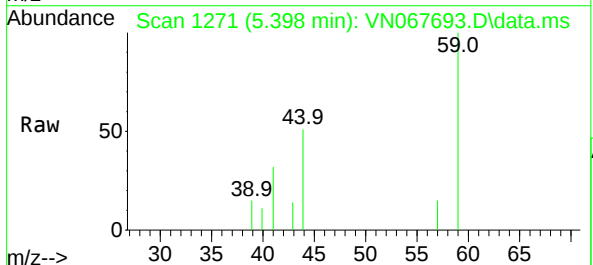
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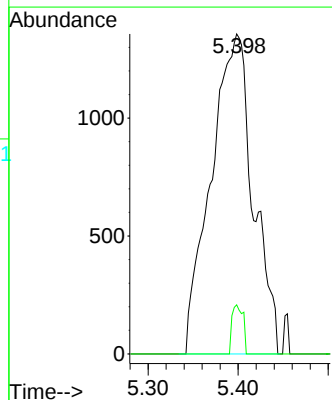
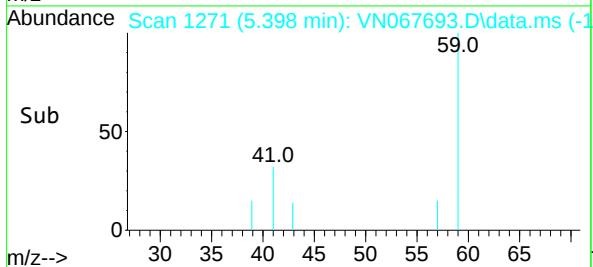
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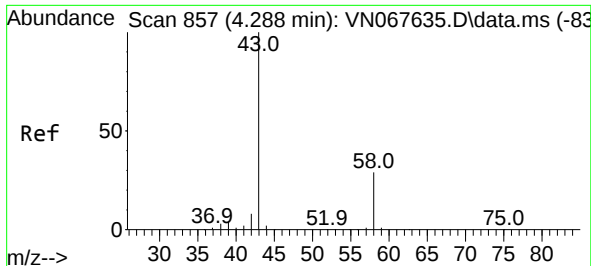


#11
Tert butyl alcohol
Concen: 6.484 ug/l m
RT: 5.398 min Scan# 1271
Delta R.T. 0.008 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

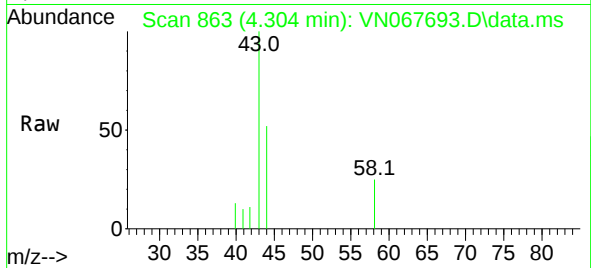


Tgt Ion: 59 Resp: 4420
Ion Ratio Lower Upper
59 100
57 4.0 8.7 13.1#

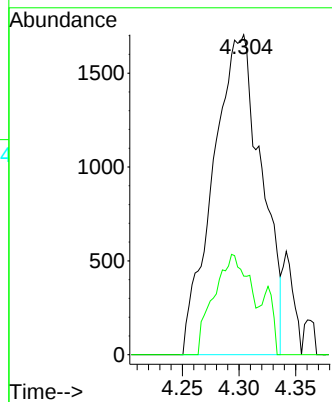
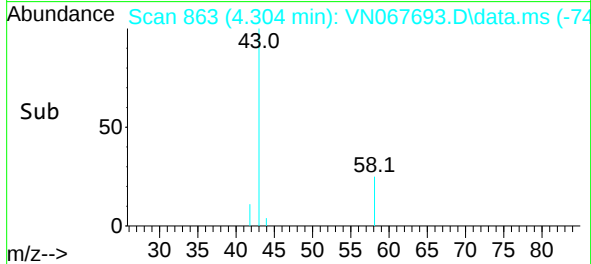




#16
Acetone
Concen: 3.387 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17



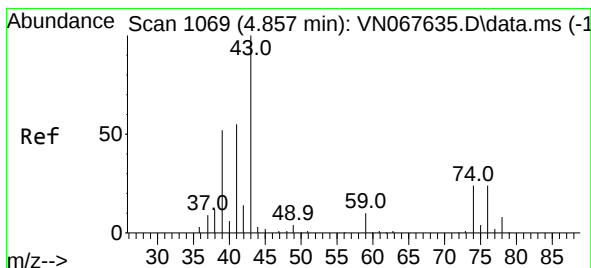
Tgt Ion: 43 Resp: 5056
Ion Ratio Lower Upper
43 100
58 24.6 21.2 31.8



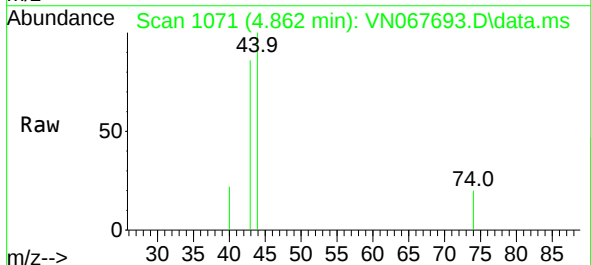
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ClientSampleId :
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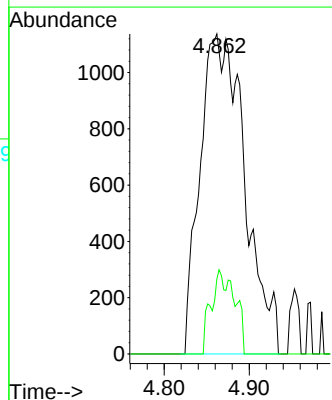
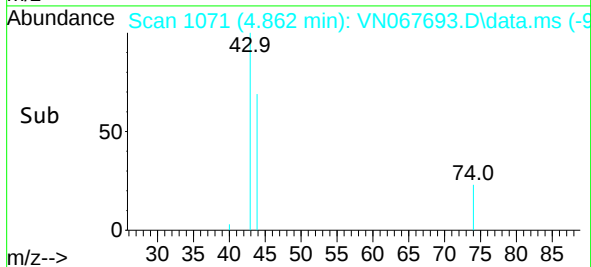
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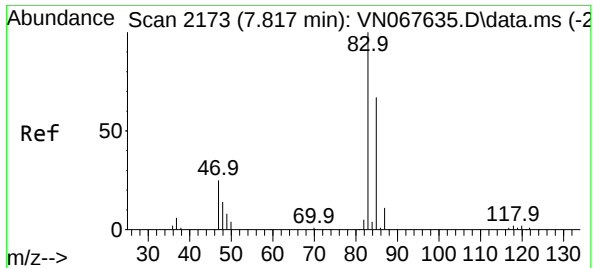


#18
Methyl Acetate
Concen: 0.992 ug/l m
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17



Tgt Ion: 43 Resp: 4160
Ion Ratio Lower Upper
43 100
74 8.3 17.4 26.0#





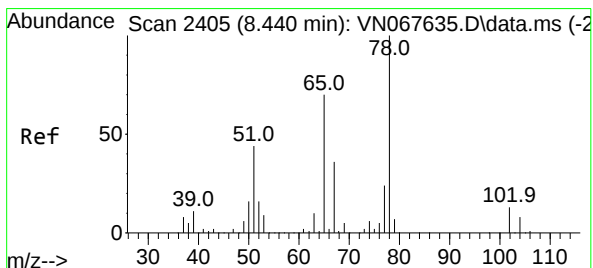
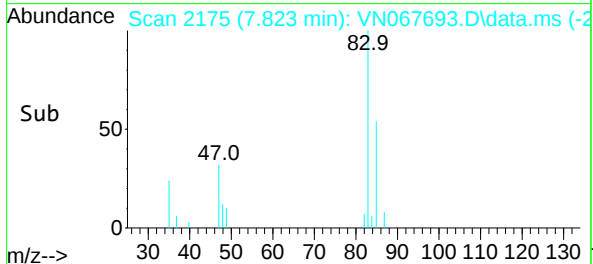
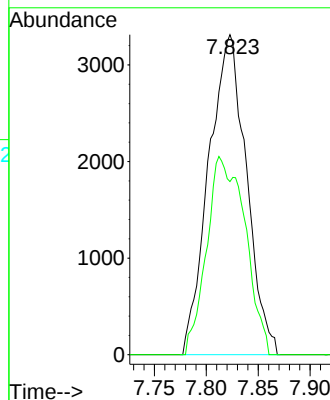
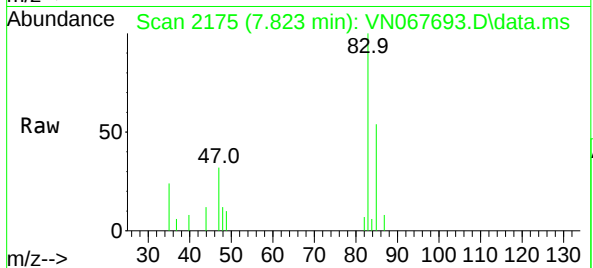
#30
Chloroform
Concen: 1.145 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 8348
Ion Ratio Lower Upper
83 100
85 54.1 51.5 77.3

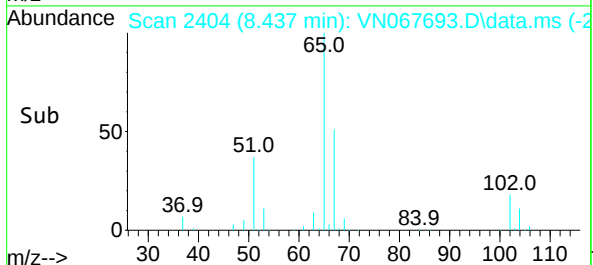
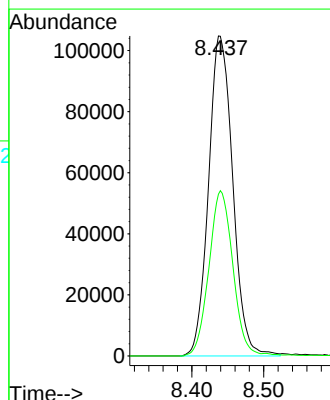
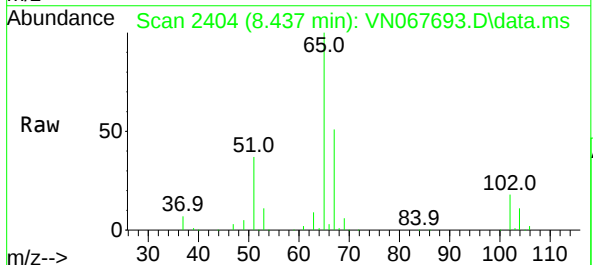
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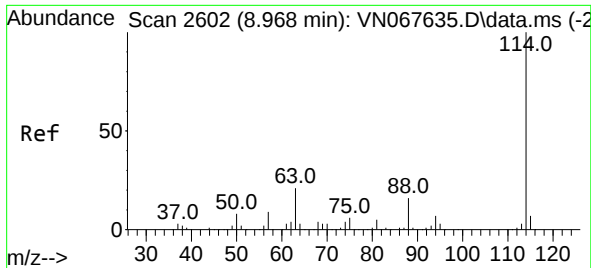
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#33
1,2-Dichloroethane-d4
Concen: 51.681 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

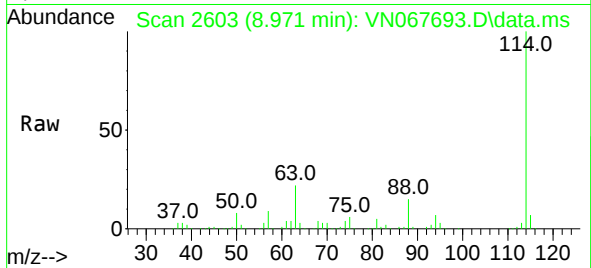
Tgt Ion: 65 Resp: 245177
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

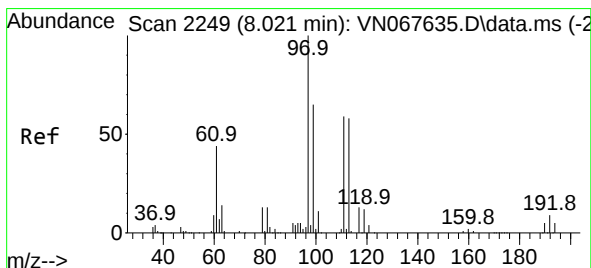
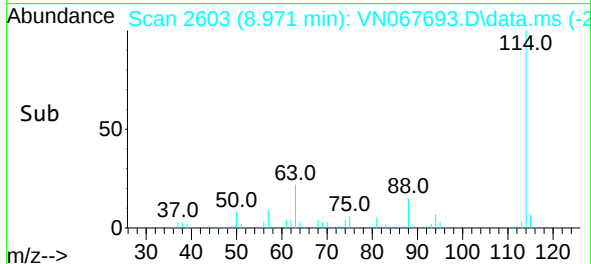
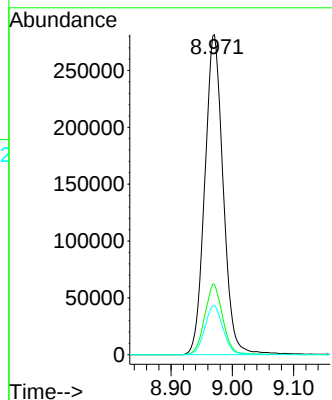
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Tgt Ion:114 Resp: 587080
Ion Ratio Lower Upper
114 100
63 22.0 0.0 49.0
88 15.4 0.0 36.6

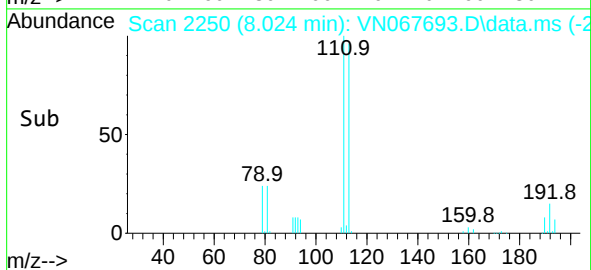
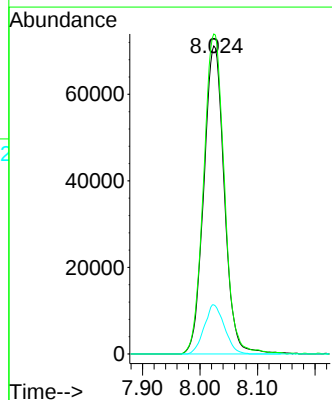
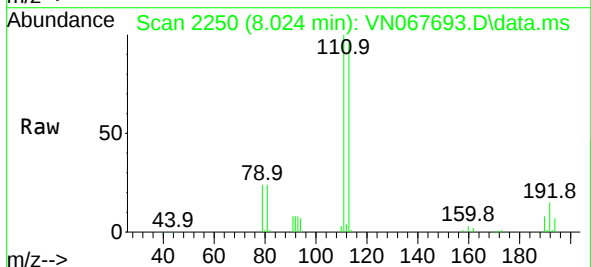
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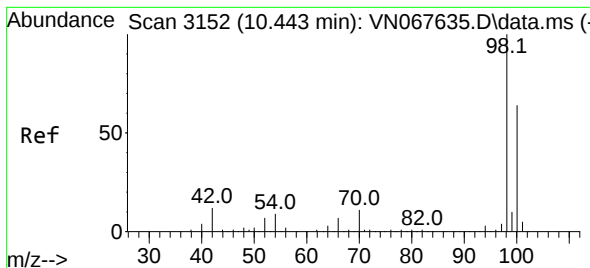
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#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

Tgt Ion:113 Resp: 175755
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 15.8 13.4 20.0





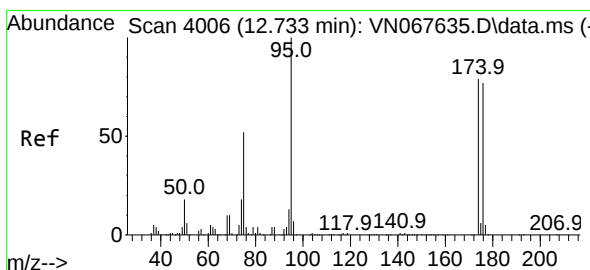
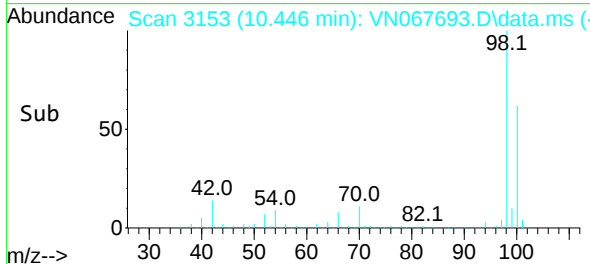
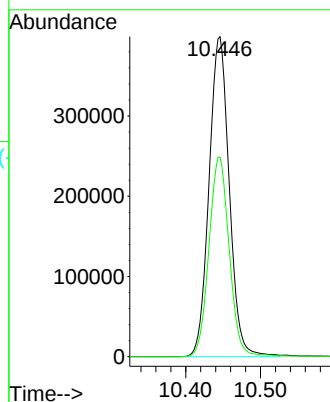
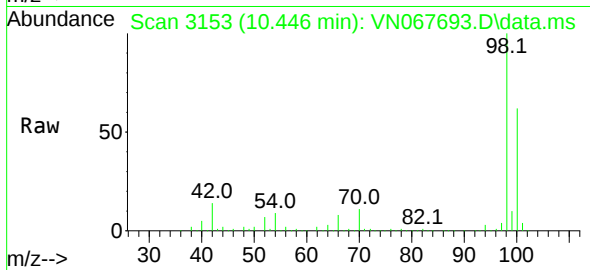
#50
Toluene-d8
Concen: 50.480 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

Tgt Ion: 98 Resp: 749470
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5

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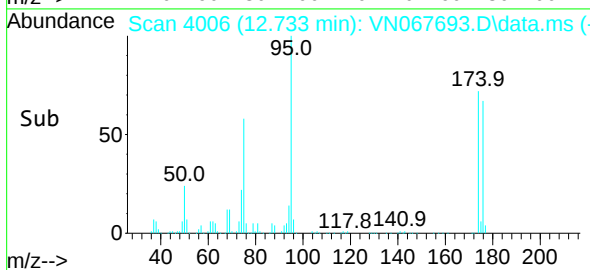
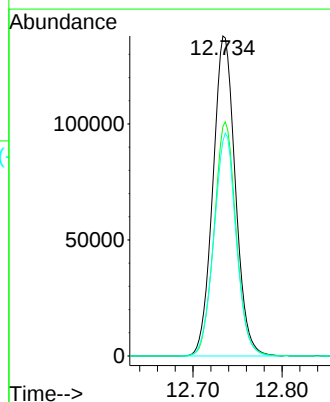
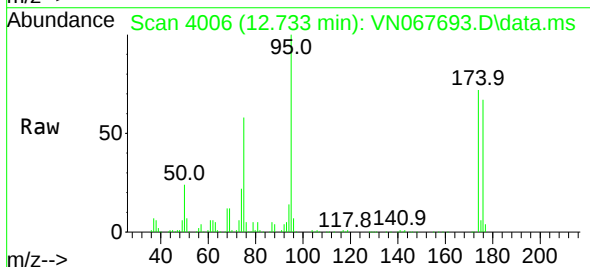
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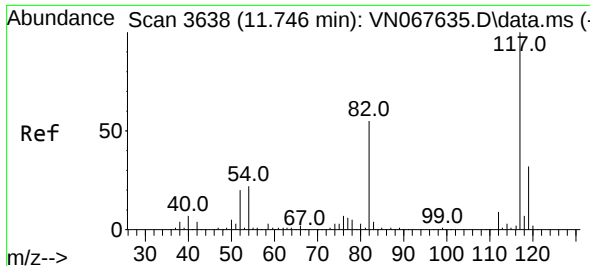
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#62
4-Bromofluorobenzene
Concen: 45.995 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

Tgt Ion: 95 Resp: 241232
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 69.3 0.0 117.6





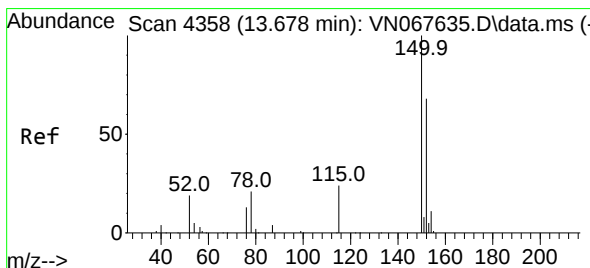
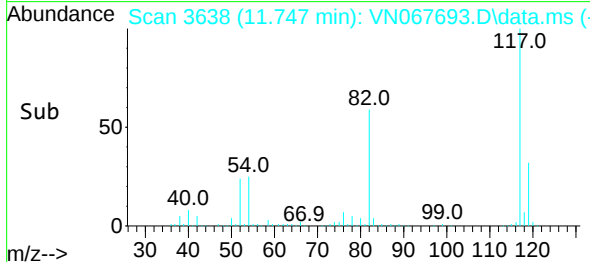
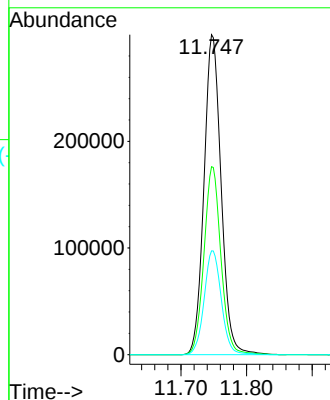
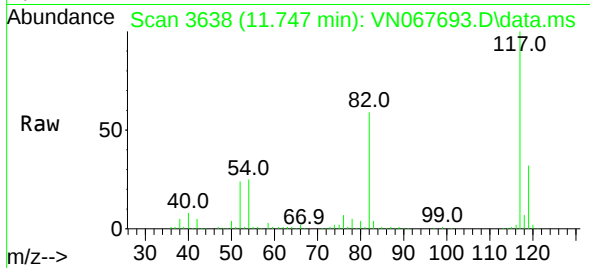
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

Tgt Ion:117 Resp: 543922
Ion Ratio Lower Upper
117 100
82 58.8 53.1 79.7
119 32.4 25.5 38.3

Instrument :
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067693.D
Acq: 9 Jul 2021 18:17

Tgt Ion:152 Resp: 205483
Ion Ratio Lower Upper
152 100
115 64.1 36.1 108.5
150 160.5 0.0 351.8

