

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067932.D
 Acq On : 27 Jul 2021 16:47
 Operator : JC/MD
 Sample : M3147-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-RB-72121

Manual Integrations
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 7/28/2021 8:58:30 PM

Quant Time: Jul 28 05:21:38 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	286744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	552297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	520362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	185279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232028	53.542	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.080%			
35) Dibromofluoromethane	8.024	113	169533	50.806	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.620%			
50) Toluene-d8	10.443	98	708281	50.710	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.733	95	230261	46.668	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.340%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.390	59	18927	30.393	ug/l #	86
16) Acetone	4.293	43	79054	57.974	ug/l	94
25) 2-Butanone	7.353	43	10618m	4.689	ug/l	
52) Toluene	10.507	92	19675	1.956	ug/l	99
59) 2-Hexanone	11.089	43	23359	6.230	ug/l	98
68) m/p-Xylenes	11.950	106	5643	0.767	ug/l	74
69) o-Xylene	12.286	106	2950m	0.408	ug/l	

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

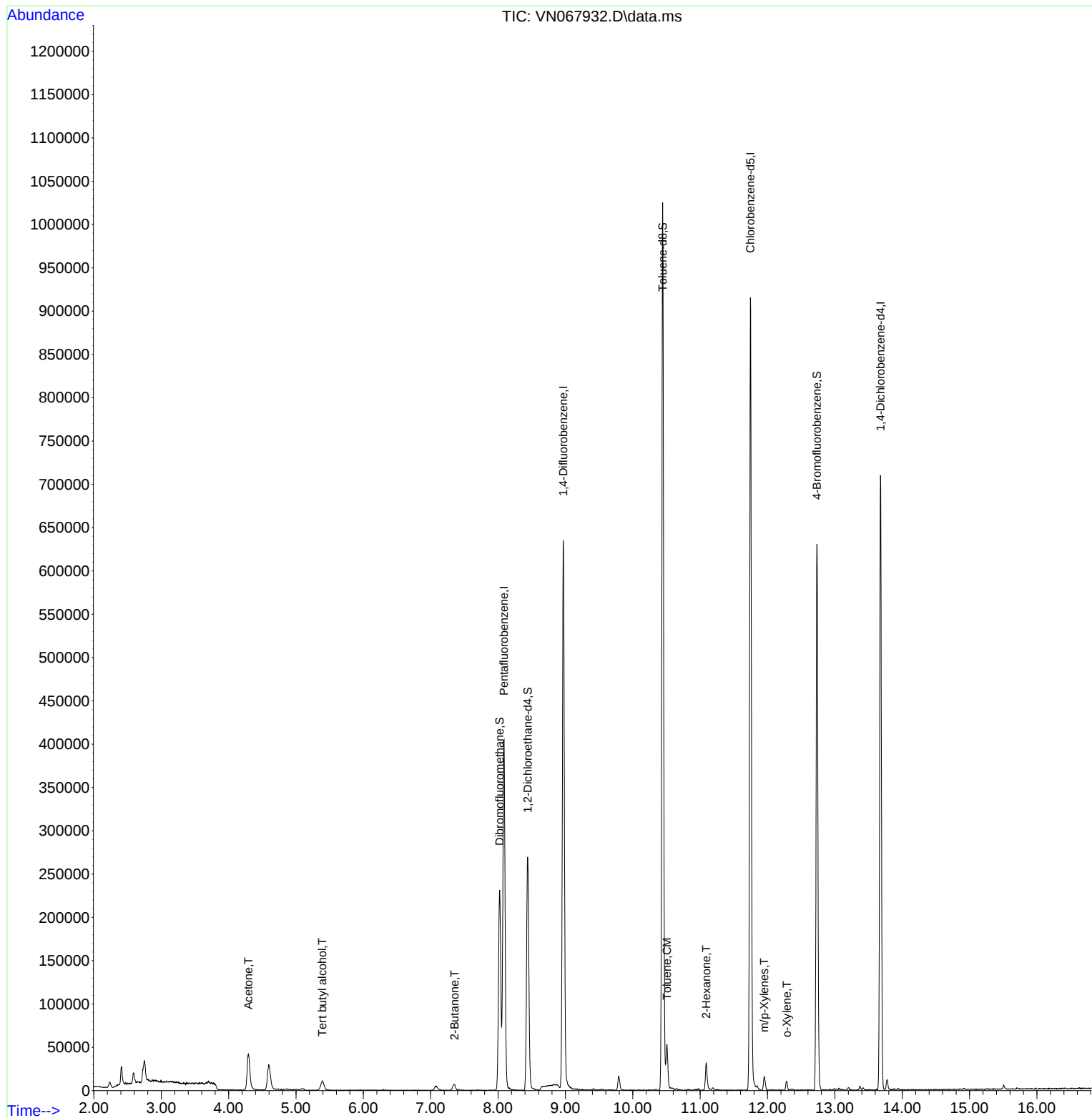
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Data File : VN067932.D
Acq On : 27 Jul 2021 16:47
Operator : JC/MD
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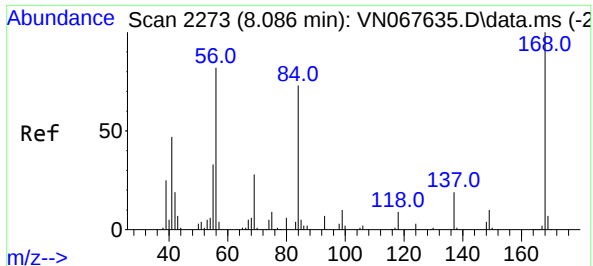
Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

Manual Integrations
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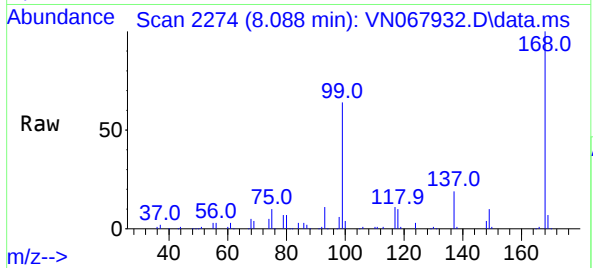
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Quant Time: Jul 28 05:21:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

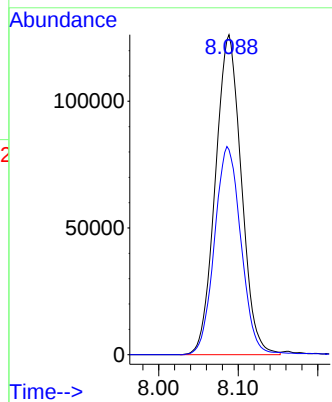
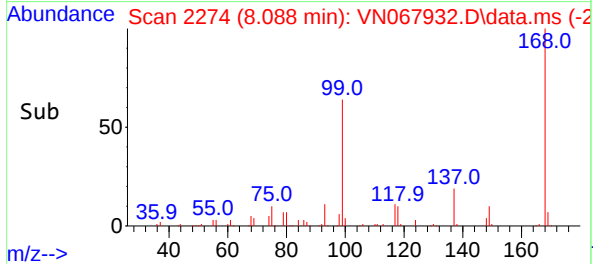




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47



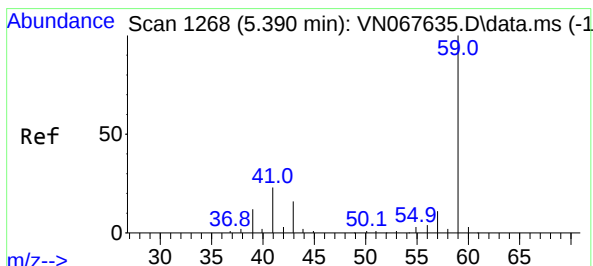
Tgt Ion: 168 Resp: 286744
Ion Ratio Lower Upper
168 100
99 64.1 62.9 94.3



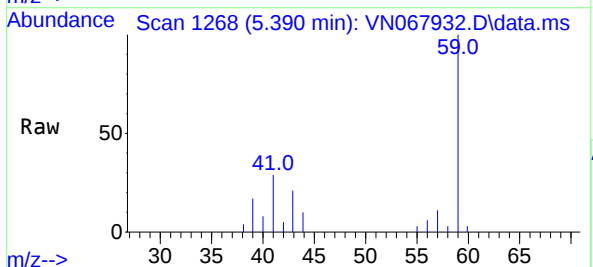
Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

Manual Integrations
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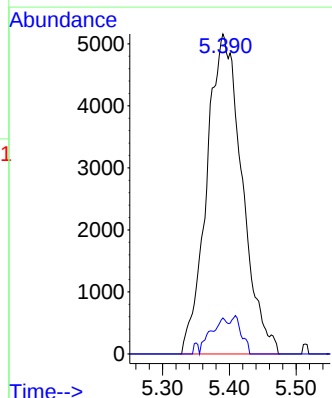
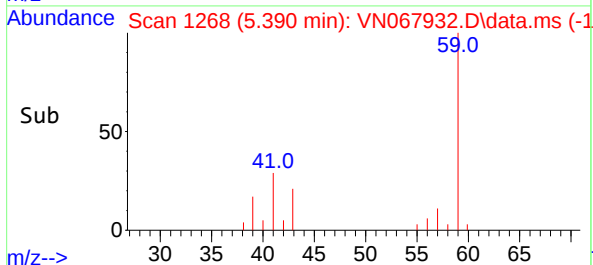
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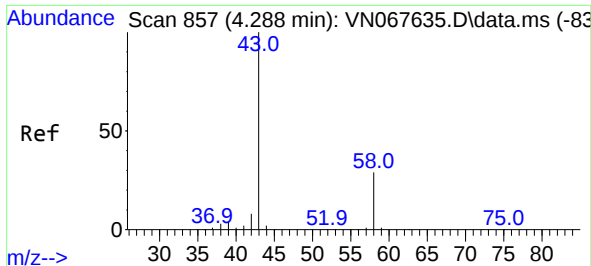


#11
Tert butyl alcohol
Concen: 30.393 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47



Tgt Ion: 59 Resp: 18927
Ion Ratio Lower Upper
59 100
57 5.4 8.7 13.1#





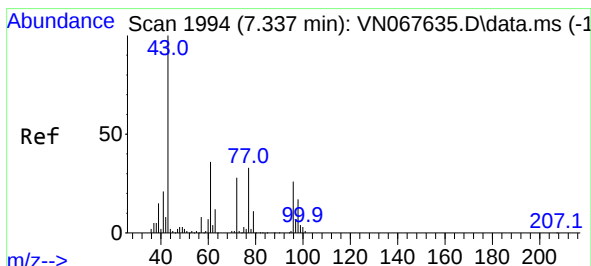
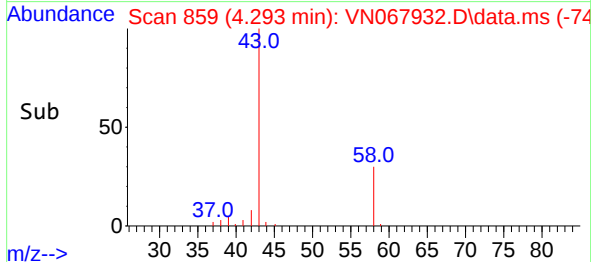
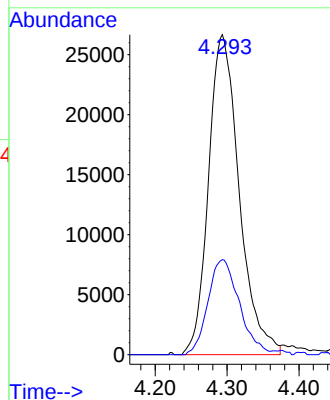
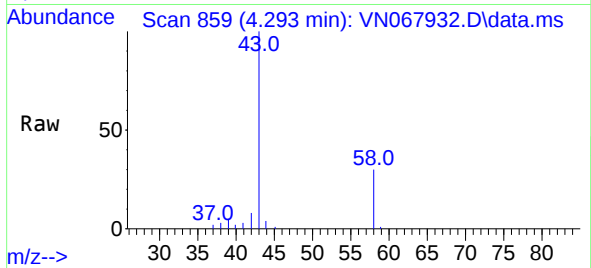
#16
Acetone
Concen: 57.974 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 43 Resp: 79054
Ion Ratio Lower Upper
43 100
58 29.7 21.2 31.8

Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

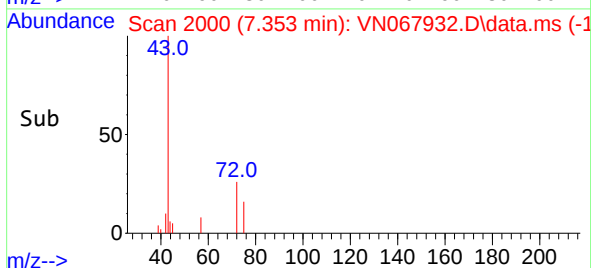
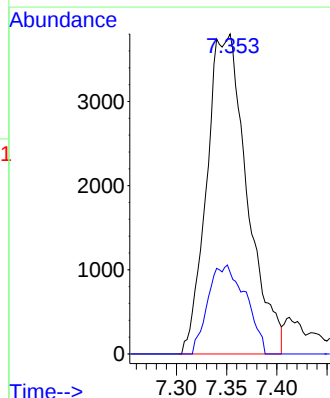
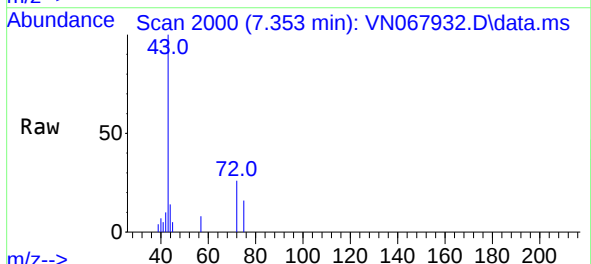
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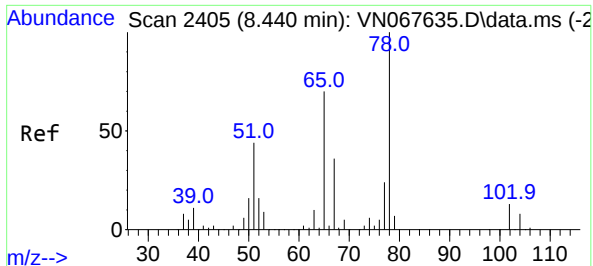
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#25
2-Butanone
Concen: 4.689 ug/l m
RT: 7.353 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 43 Resp: 10618
Ion Ratio Lower Upper
43 100
72 25.5 19.7 29.5





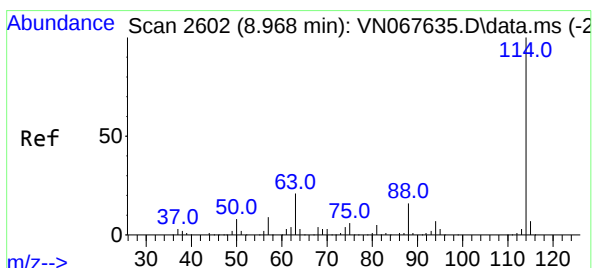
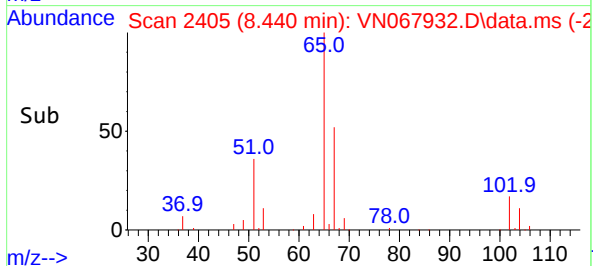
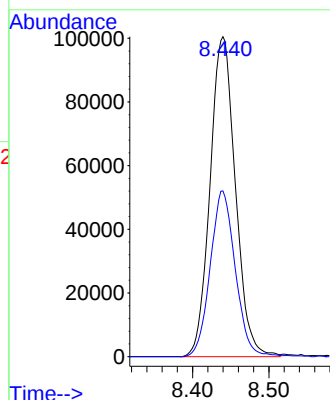
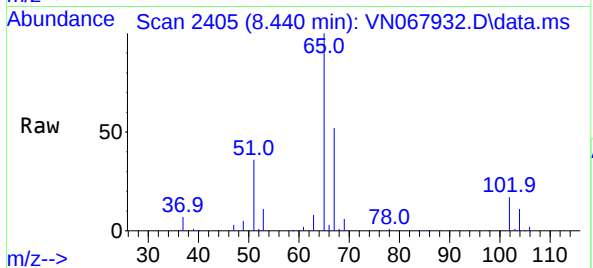
#33
1,2-Dichloroethane-d4
Concen: 53.542 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 65 Resp: 232028
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

Instrument :
MSVOA_N
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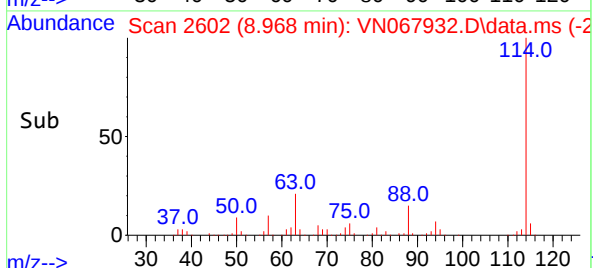
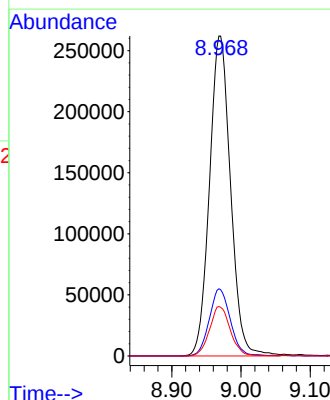
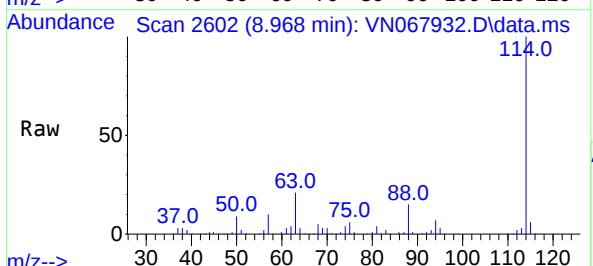
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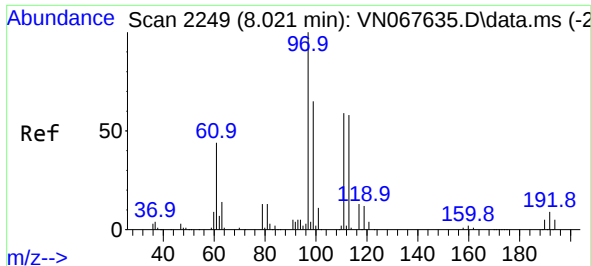
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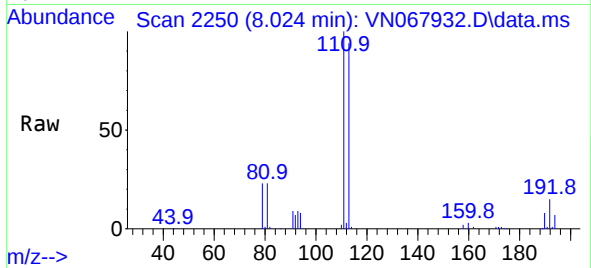
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 114 Resp: 552297
Ion Ratio Lower Upper
114 100
63 21.0 0.0 49.0
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.806 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

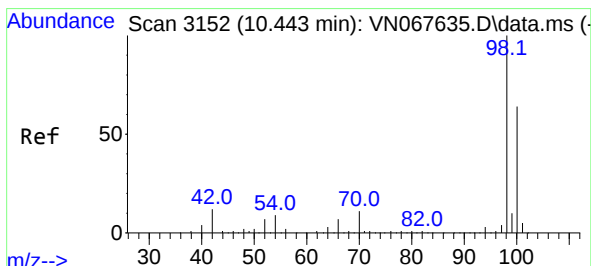
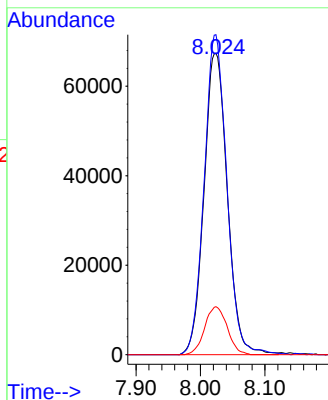
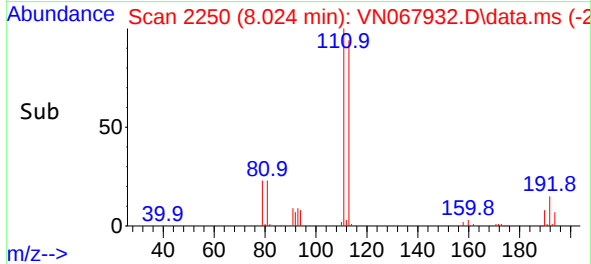


Tgt Ion:113 Resp: 169533
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 15.4 13.4 20.0

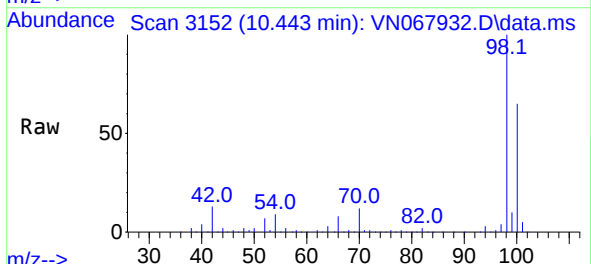
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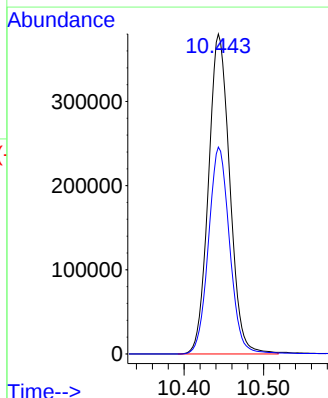
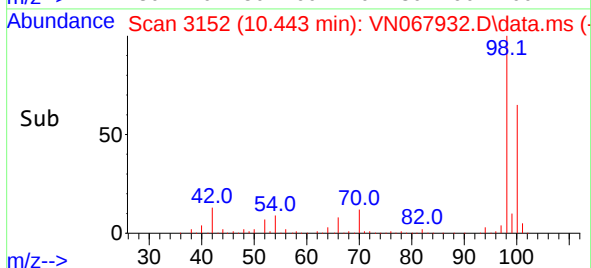
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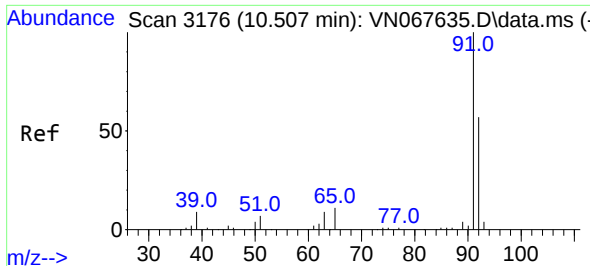


#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47



Tgt Ion: 98 Resp: 708281
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





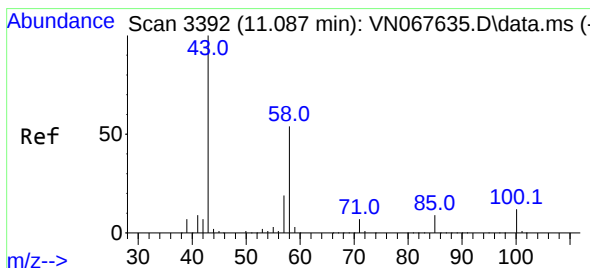
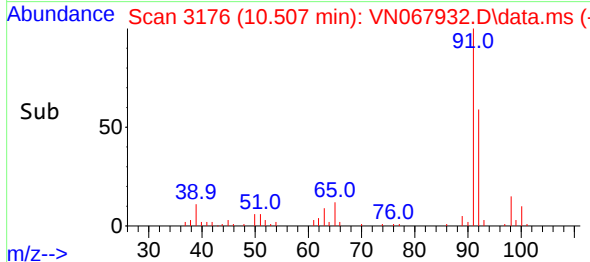
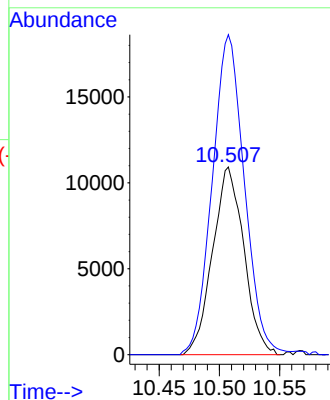
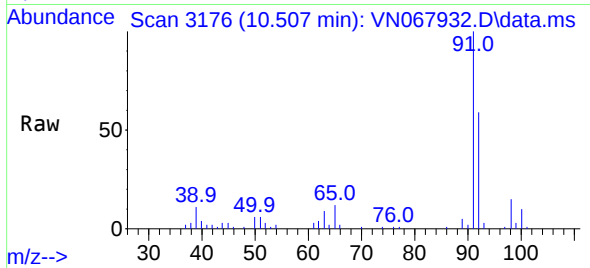
#52
Toluene
Concen: 1.956 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 92 Resp: 19675
Ion Ratio Lower Upper
92 100
91 175.3 139.6 209.4

Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

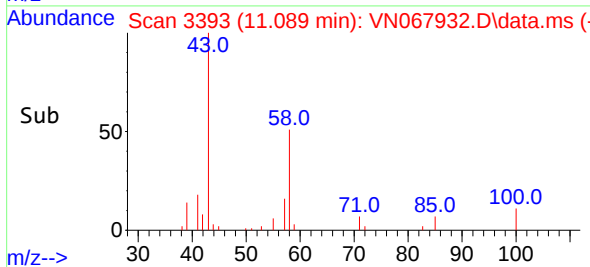
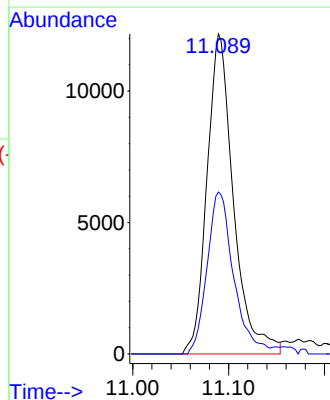
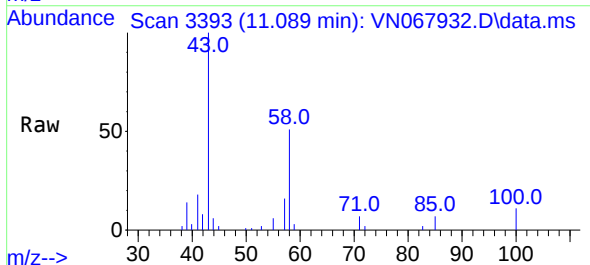
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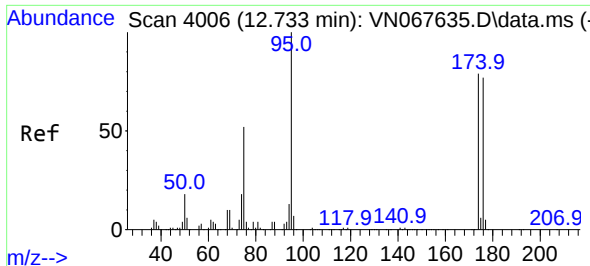
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#59
2-Hexanone
Concen: 6.230 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 43 Resp: 23359
Ion Ratio Lower Upper
43 100
58 50.6 24.7 74.1





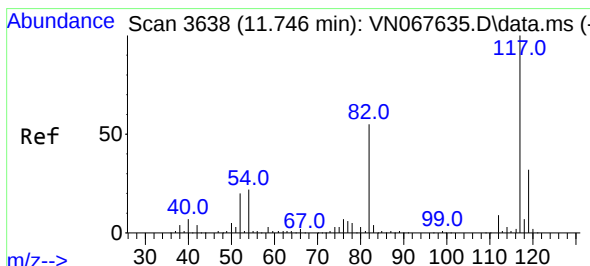
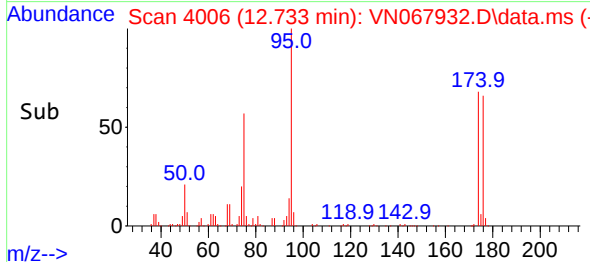
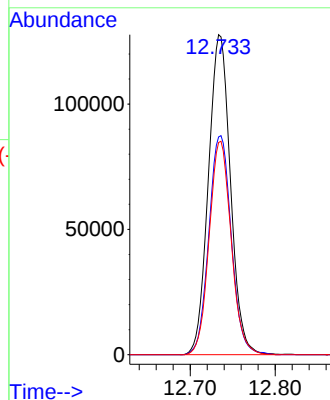
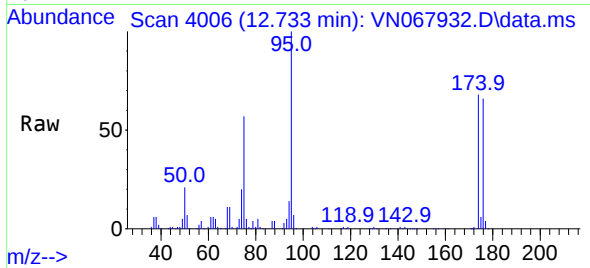
#62
4-Bromofluorobenzene
Concen: 46.668 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 95 Resp: 230261
Ion Ratio Lower Upper
95 100
174 69.8 0.0 122.0
176 66.5 0.0 117.6

Instrument :
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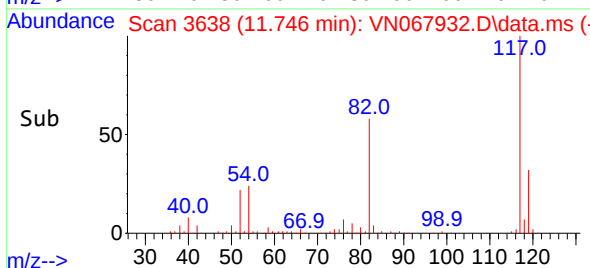
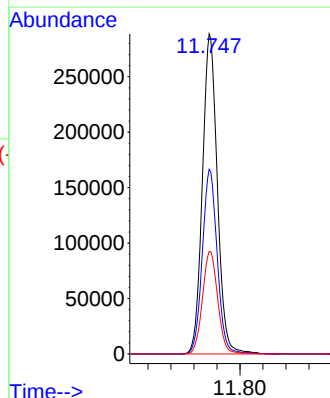
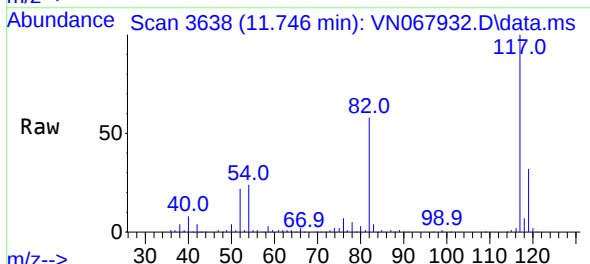
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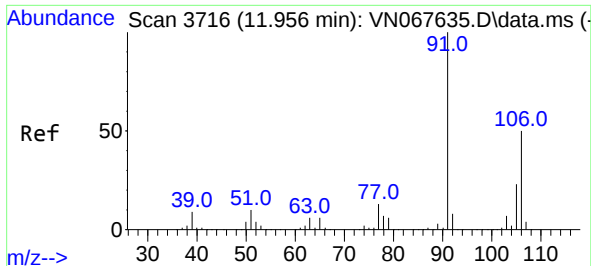
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion: 117 Resp: 520362
Ion Ratio Lower Upper
117 100
82 57.7 53.1 79.7
119 32.0 25.5 38.3





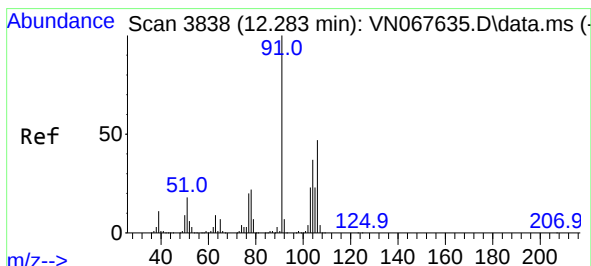
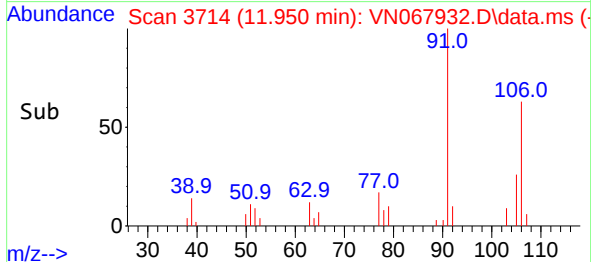
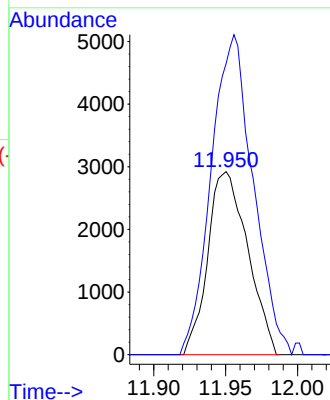
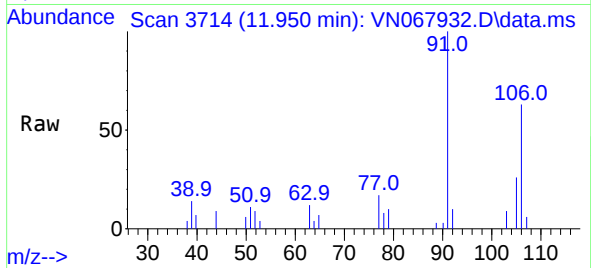
#68
m/p-Xylenes
Concen: 0.767 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

Tgt Ion:106 Resp: 5643
Ion Ratio Lower Upper
106 100
91 183.8 180.6 270.8

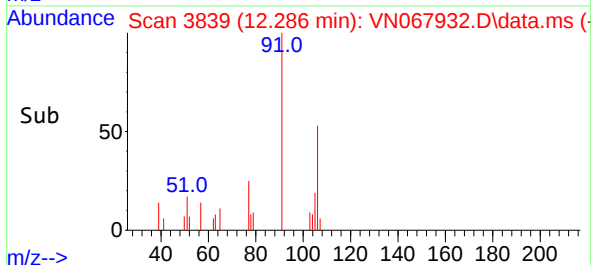
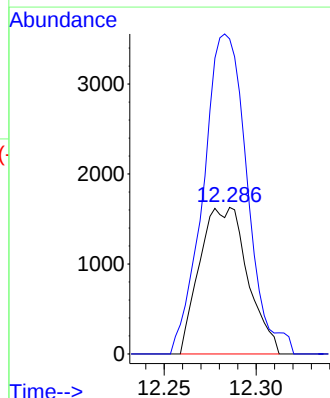
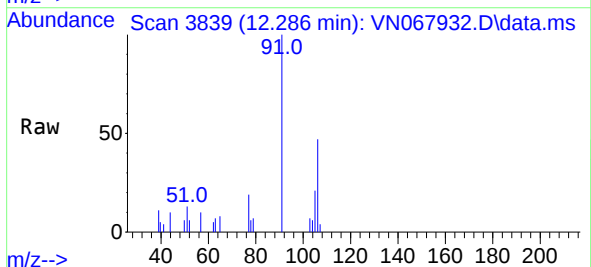
Manual Integrations
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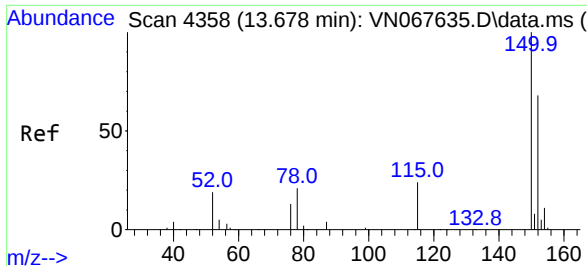
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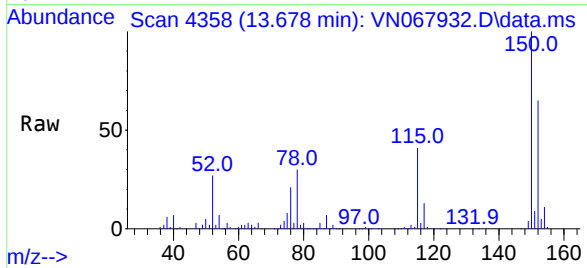
#69
o-Xylene
Concen: 0.408 ug/l m
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067932.D
Acq: 27 Jul 2021 16:47

Tgt Ion:106 Resp: 2950
Ion Ratio Lower Upper
106 100
91 199.8 118.3 354.9

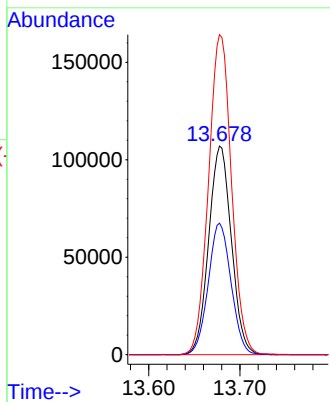
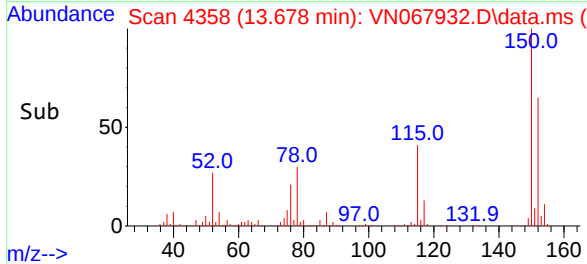




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN067932.D
 Acq: 27 Jul 2021 16:47



Tgt Ion:152 Resp: 185279
 Ion Ratio Lower Upper
 152 100
 115 63.4 36.1 108.5
 150 155.3 0.0 351.8



Instrument :
 MSVOA_N
 ClientSampleId :
 152140-RB-72121

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:58:30 PM