

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068100.D
 Acq On : 12 Aug 2021 19:32
 Operator : JC/MD
 Sample : M3361-18 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41949

Manual Integrations
 APPROVED

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 8/13/2021 10:56:46 AM

Quant Time: Aug 13 05:46:40 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	296368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	577633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	575115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	206166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231909	55.274	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.540%			
35) Dibromofluoromethane	8.024	113	179982	53.465	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.920%			
50) Toluene-d8	10.443	98	735659	47.557	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.120%			
62) 4-Bromofluorobenzene	12.734	95	254188	45.227	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.460%			
Target Compounds						
16) Acetone	4.293	43	5454m	3.563	ug/l	
20) Methylene Chloride	5.090	84	4725m	1.058	ug/l	
40) Benzene	8.464	78	15679	0.991	ug/l	97
52) Toluene	10.508	92	8065	0.785	ug/l	98
68) m/p-Xylenes	11.956	106	3304	4.410	ug/l	75
69) o-Xylene	12.283	106	1915	0.250	ug/l	87
95) Naphthalene	15.509	128	30772	6.477	ug/l	98

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

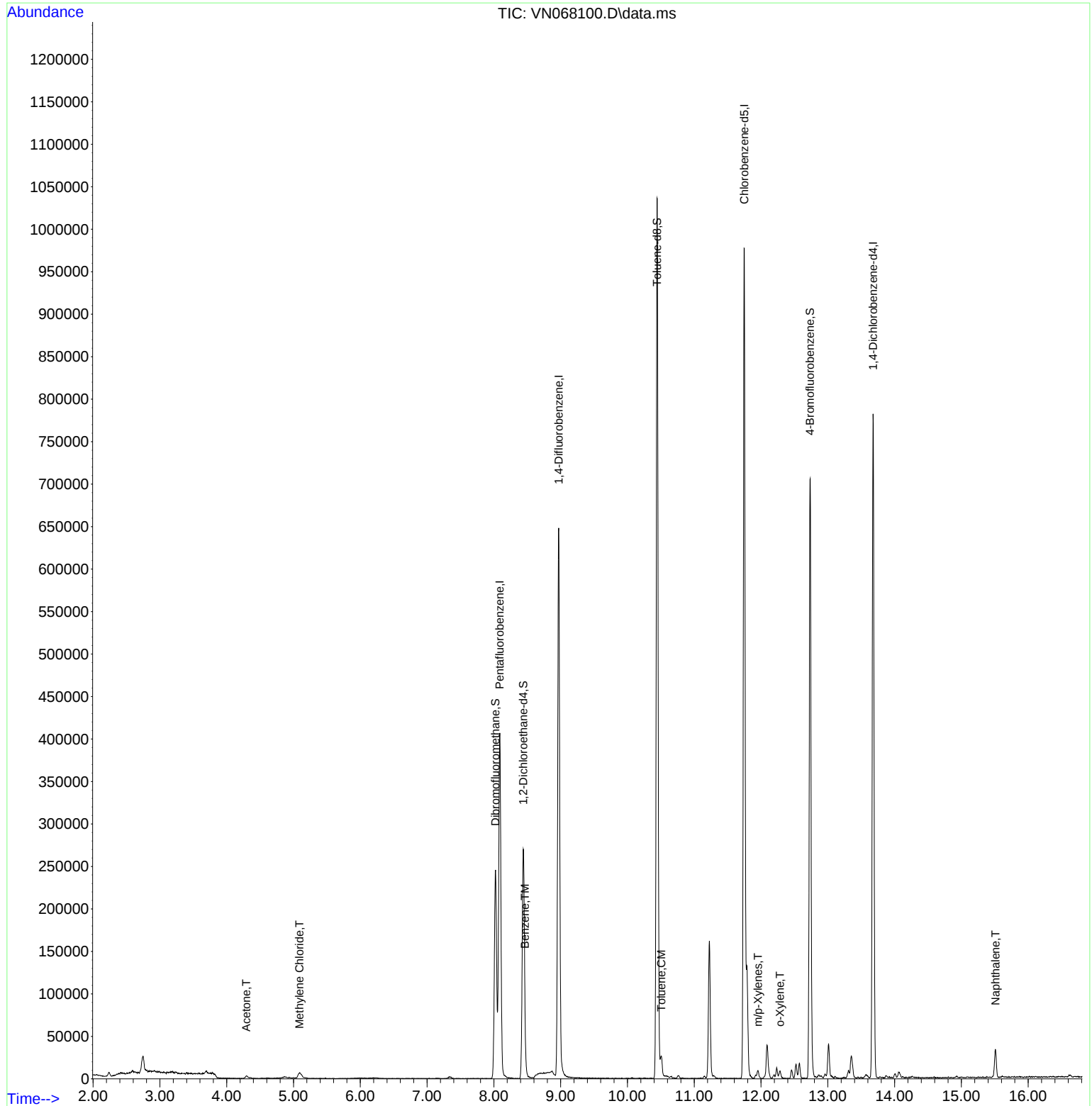
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Data File : VN068100.D
Acq On : 12 Aug 2021 19:32
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

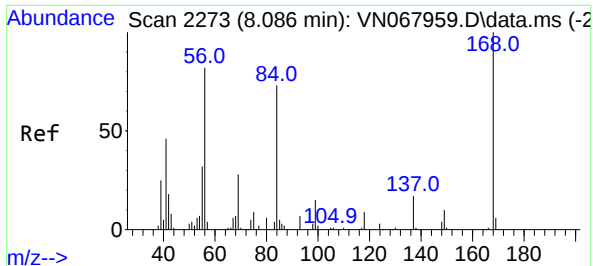
Instrument :
MSVOA_N
ClientSampleId :
41949

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Quant Time: Aug 13 05:46:40 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





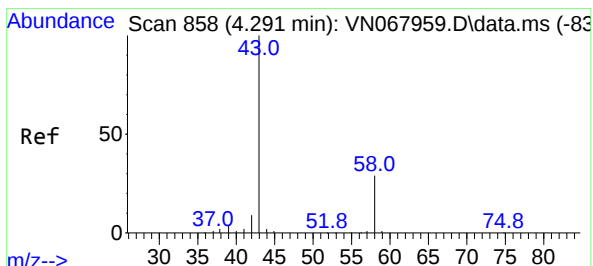
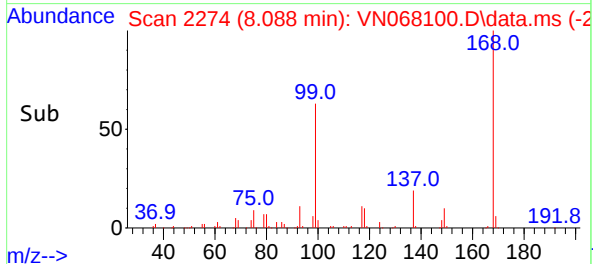
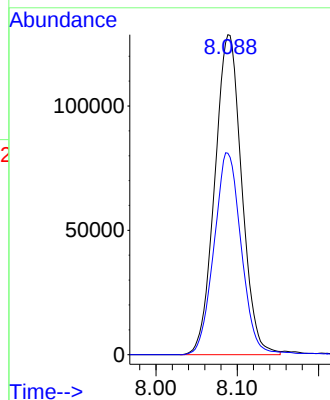
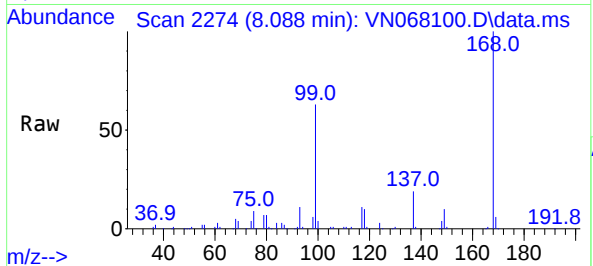
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

Tgt Ion: 168 Resp: 296368
Ion Ratio Lower Upper
168 100
99 62.9 62.9 94.3

Instrument :
MSVOA_N
ClientSampleId :
41949

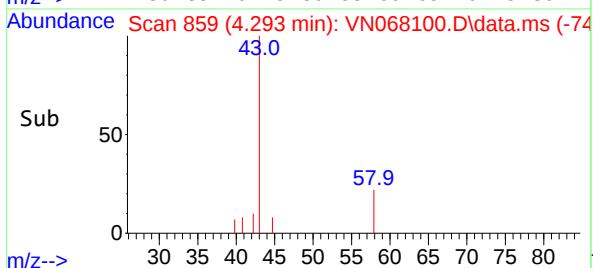
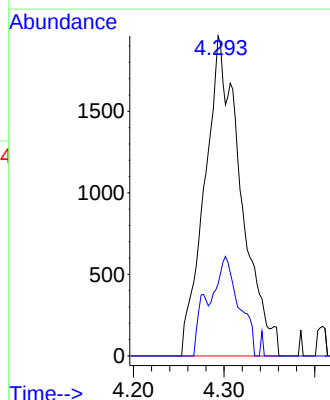
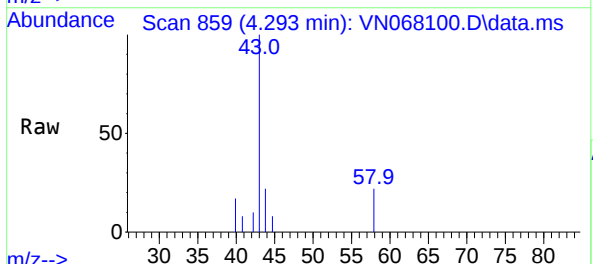
Manual Integrations
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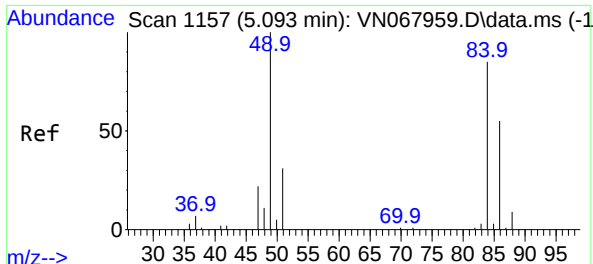
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#16
Acetone
Concen: 3.563 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

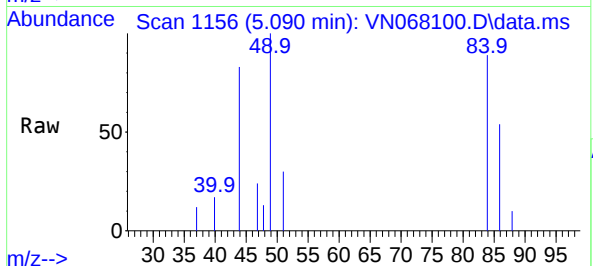
Tgt Ion: 43 Resp: 5454
Ion Ratio Lower Upper
43 100
58 22.5 21.2 31.8





#20
Methylene Chloride
Concen: 1.058 ug/l m
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

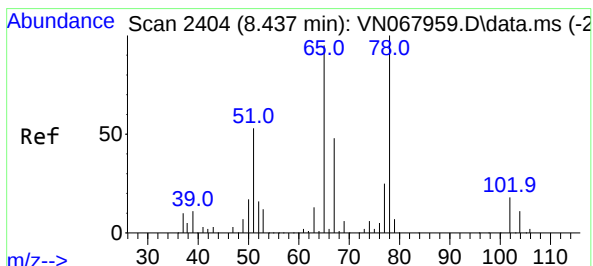
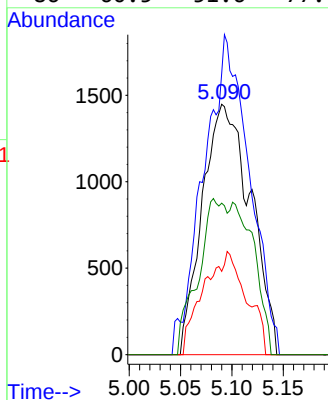
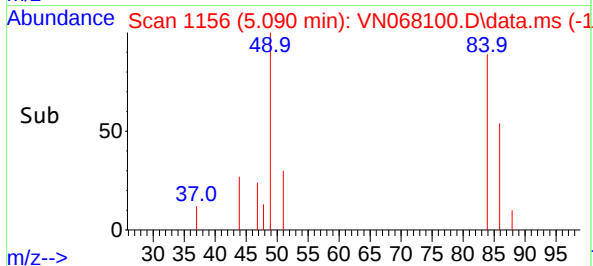
Instrument :
MSVOA_N
ClientSampled :
41949



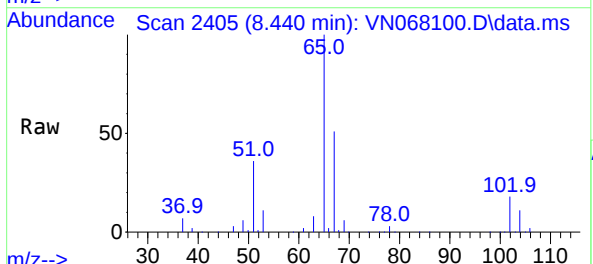
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Ion	Ratio	Lower	Upper
84	100		
49	112.5	110.9	166.3
51	33.3	32.6	49.0
86	60.5	51.6	77.4

Manual Integrations
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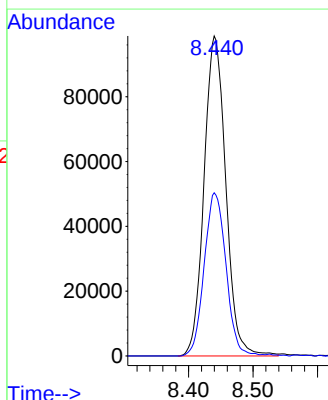
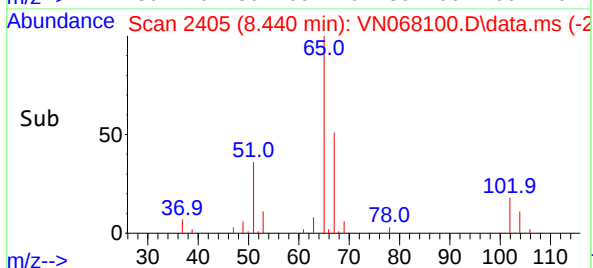
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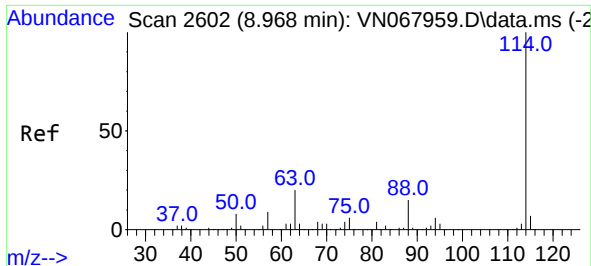


#33
1,2-Dichloroethane-d4
Concen: 55.274 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

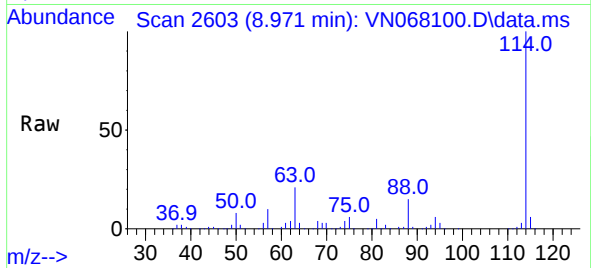


Tgt Ion:	65	Resp:	231909
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	98.6

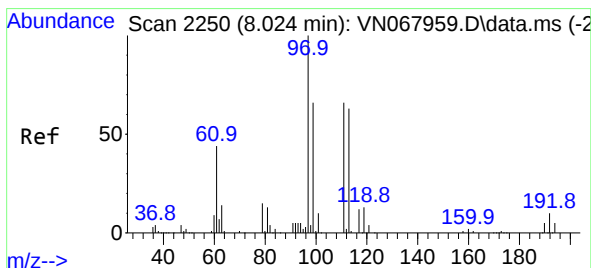
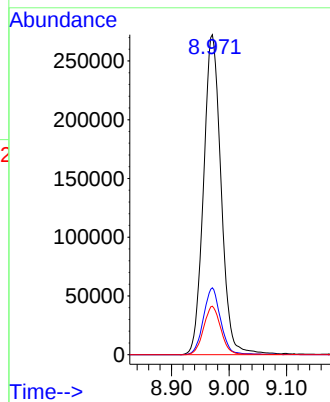
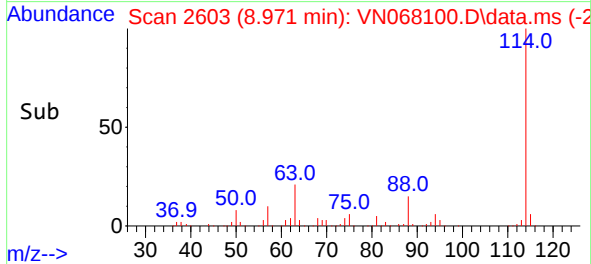




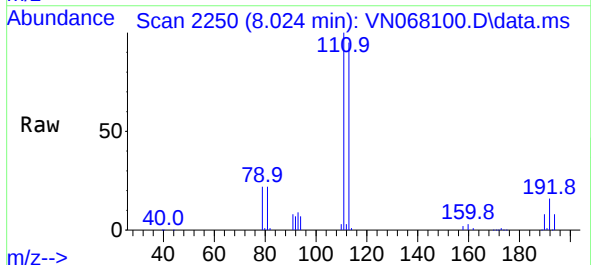
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32



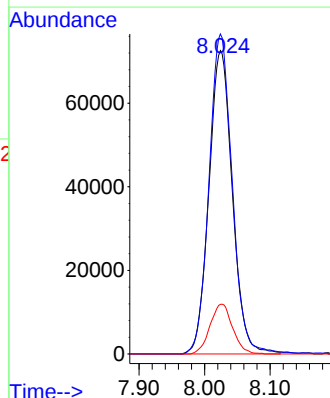
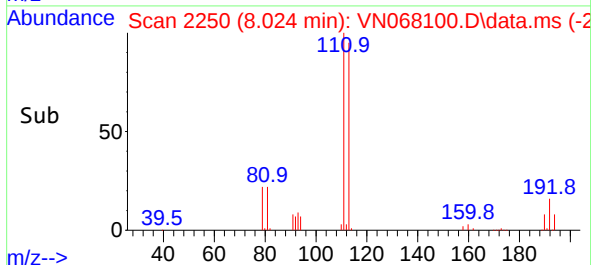
Tgt Ion:114 Resp: 577633
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.465 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32



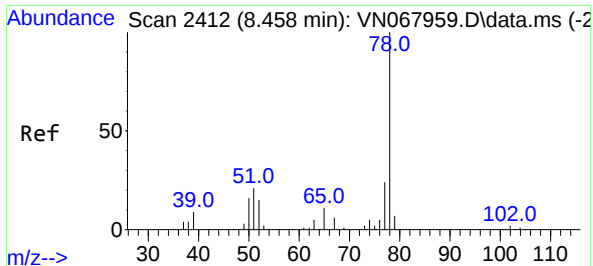
Tgt Ion:113 Resp: 179982
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 15.8 13.4 20.0



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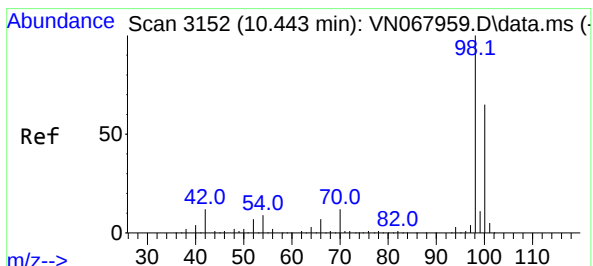
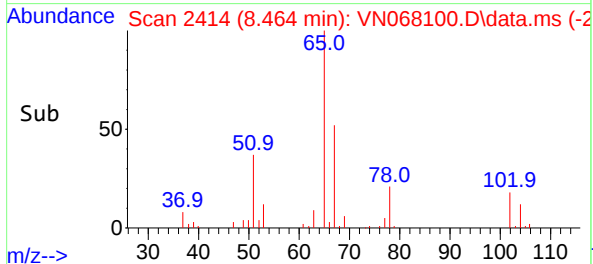
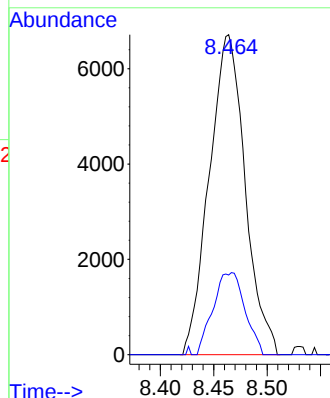
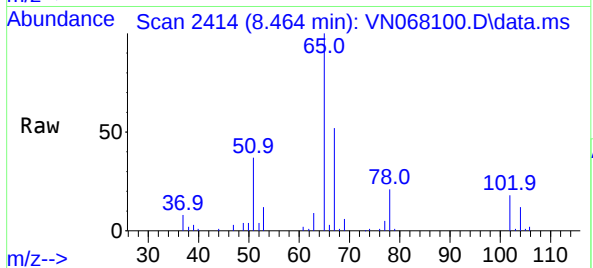
#40
Benzene
Concen: 0.991 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

Tgt Ion: 78 Resp: 15679
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3

Instrument :
MSVOA_N
ClientSampled :
41949

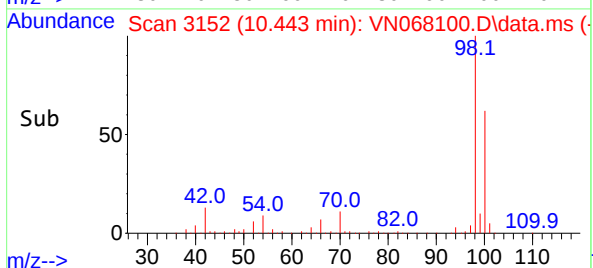
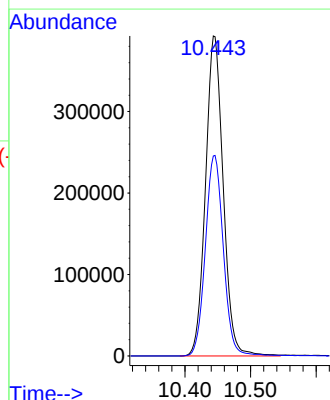
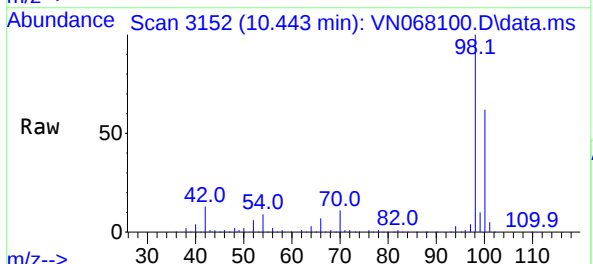
Manual Integrations
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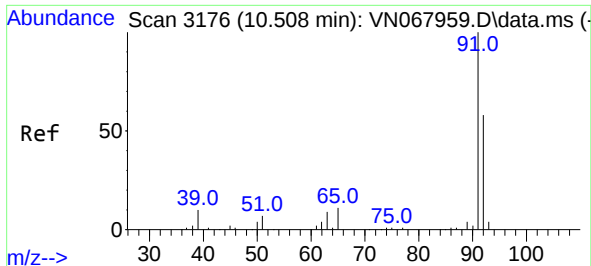
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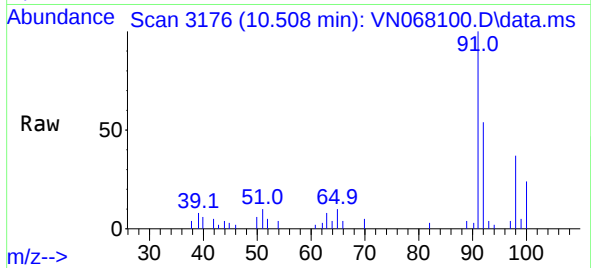
#50
Toluene-d8
Concen: 47.557 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

Tgt Ion: 98 Resp: 735659
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

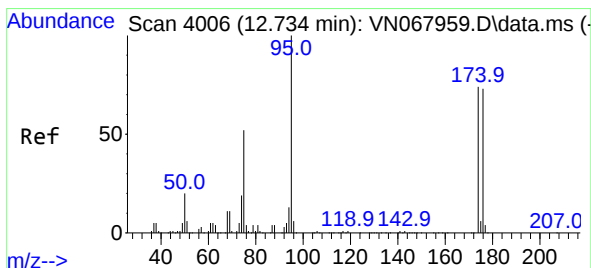
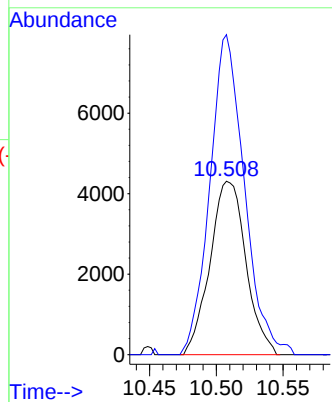
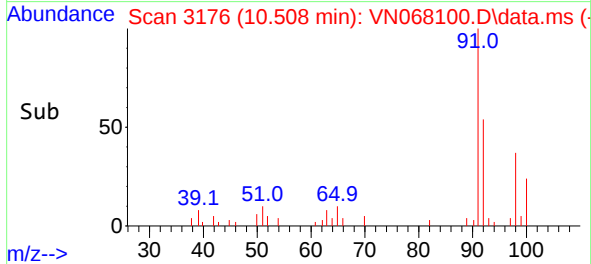




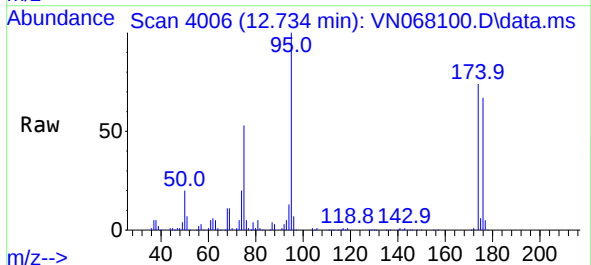
#52
Toluene
Concen: 0.785 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32



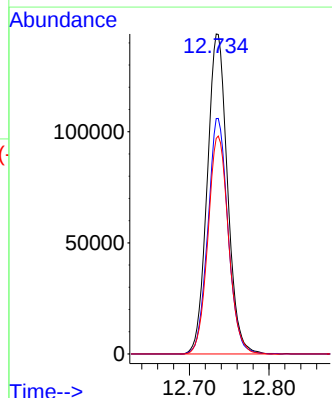
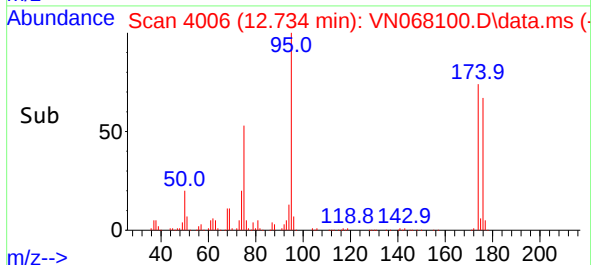
Tgt Ion: 92 Resp: 8065
Ion Ratio Lower Upper
92 100
91 177.0 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 45.227 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32



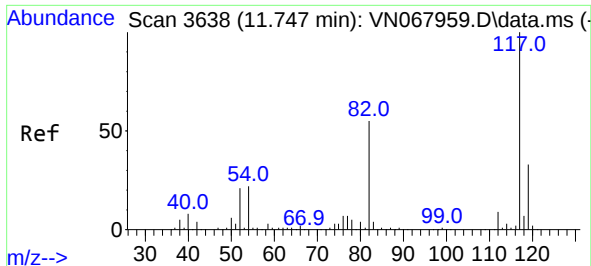
Tgt Ion: 95 Resp: 254188
Ion Ratio Lower Upper
95 100
174 73.3 0.0 122.0
176 69.1 0.0 117.6



Instrument :
MSVOA_N
ClientSampled :
41949

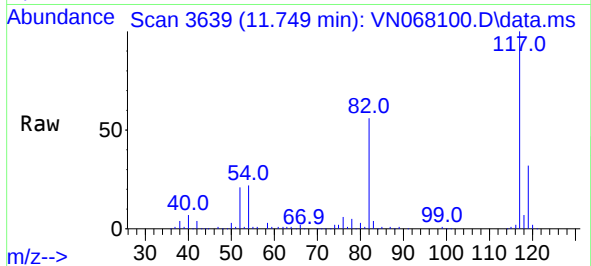
Manual Integrations
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

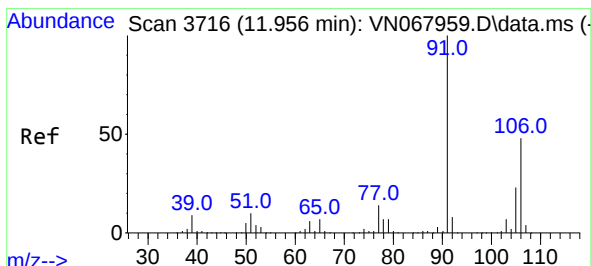
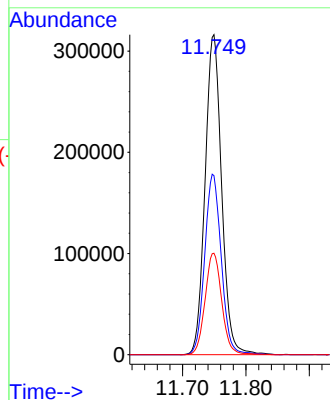
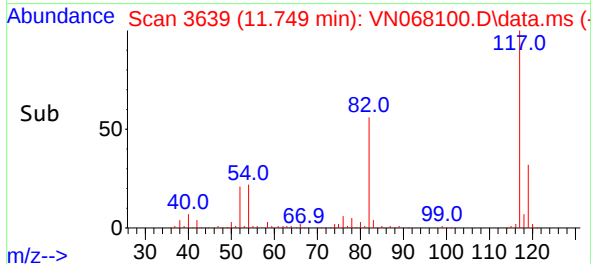
Instrument :
MSVOA_N
ClientSampled :
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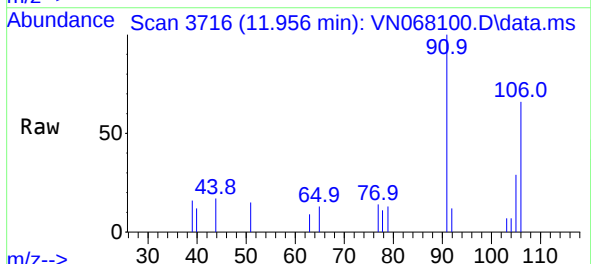
Tgt Ion:117 Resp: 575115
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 31.7 25.5 38.3

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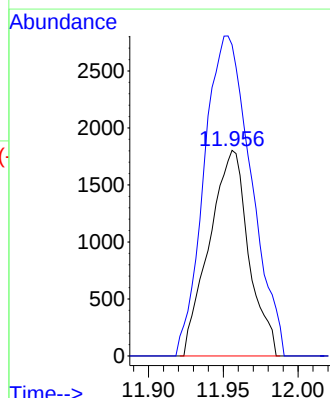
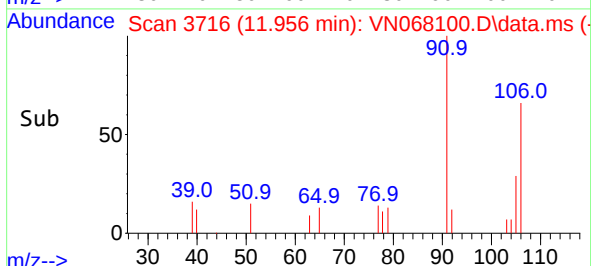
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8/13/2021 10:56:46 AM

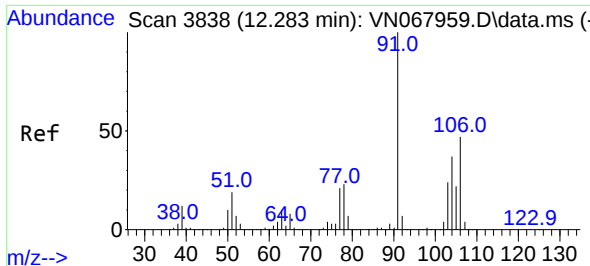


#68
m/p-Xylenes
Concen: 4.410 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32



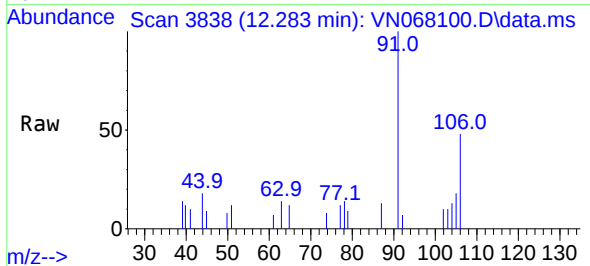
Tgt Ion:106 Resp: 3304
Ion Ratio Lower Upper
106 100
91 185.2 180.6 270.8





#69
o-Xylene
Concen: 0.250 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

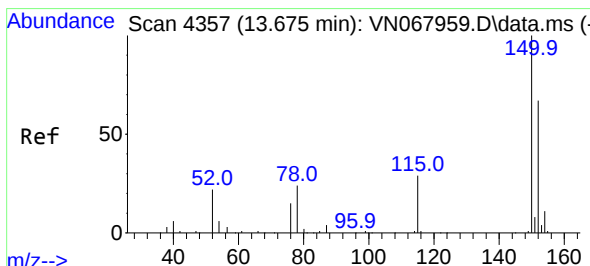
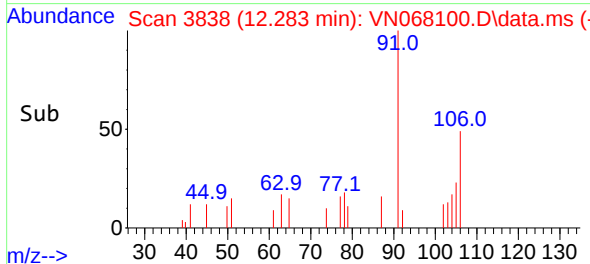
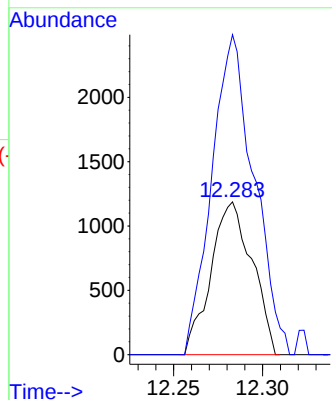
Instrument :
MSVOA_N
ClientSampled :
41949



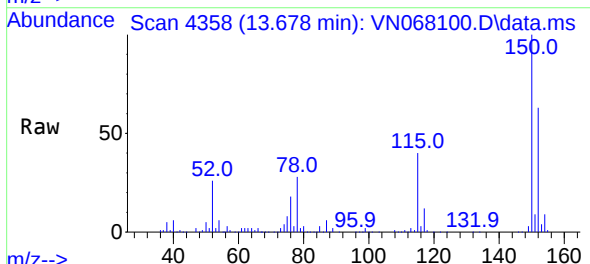
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Ion Ratio Lower Upper
106 100
91 214.7 118.3 354.9

Manual Integrations
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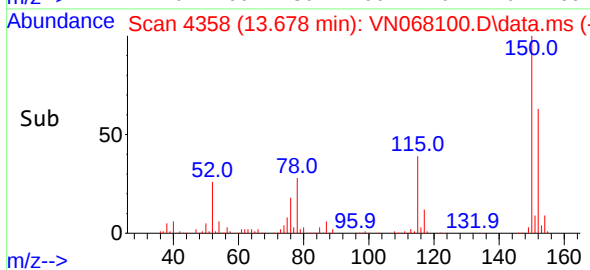
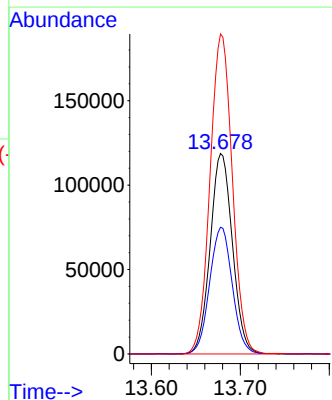
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8/13/2021 10:56:46 AM

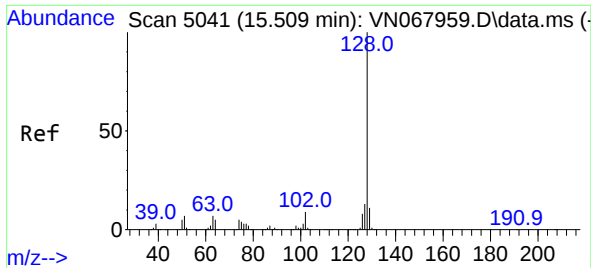


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32

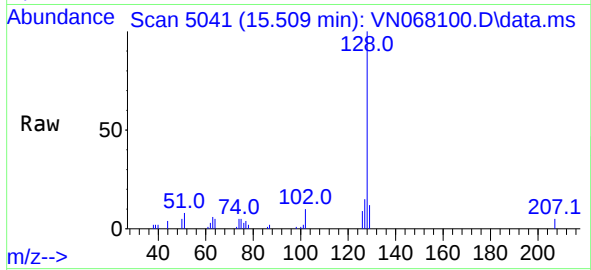


Tgt Ion:152 Resp: 206166
Ion Ratio Lower Upper
152 100
115 64.4 36.1 108.5
150 159.8 0.0 351.8

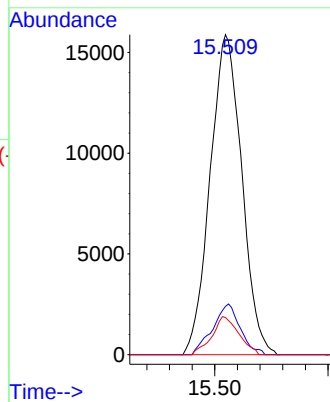
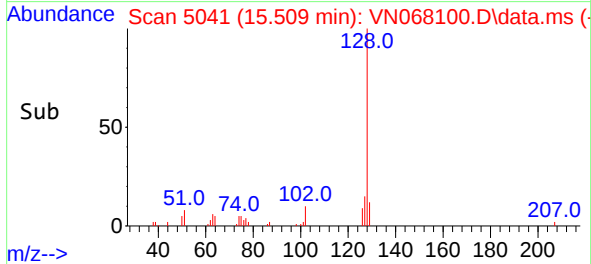




#95
Naphthalene
Concen: 6.477 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068100.D
Acq: 12 Aug 2021 19:32



Tgt Ion:	128	Resp:	30772
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	15.8
129	10.1	8.6	12.8



Instrument :
MSVOA_N
ClientSampled :
41949

Manual Integrations
APPROVED

MMDadoda
8/13/2021 10:56:46 AM