

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067987.D
 Acq On : 3 Aug 2021 17:25
 Operator : JC/MD
 Sample : M3269-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:40:57 PM

Quant Time: Aug 04 03:40:41 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	8.086	168	290492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	559605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	562753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	197040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	232126	56.445	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.900%			
35) Dibromofluoromethane	8.024	113	171741	52.660	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.320%			
50) Toluene-d8	10.443	98	726576	48.407	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.820%			
62) 4-Bromofluorobenzene	12.733	95	244441	44.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.860%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.396	59	9541m	17.316	ug/l	
16) Acetone	4.299	43	26229	17.480	ug/l	97
18) Methyl Acetate	4.865	43	3412	0.845	ug/l #	66
19) Methyl tert-butyl Ether	5.613	73	14646m	1.416	ug/l	
22) Diisopropyl ether	6.506	45	4718	0.454	ug/l #	90
25) 2-Butanone	7.343	43	6975m	3.204	ug/l	
39) Methylcyclohexane	9.456	83	2301m	0.411	ug/l	
40) Benzene	8.461	78	7798	0.509	ug/l	92
69) o-Xylene	12.280	106	2177	0.291	ug/l	89

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

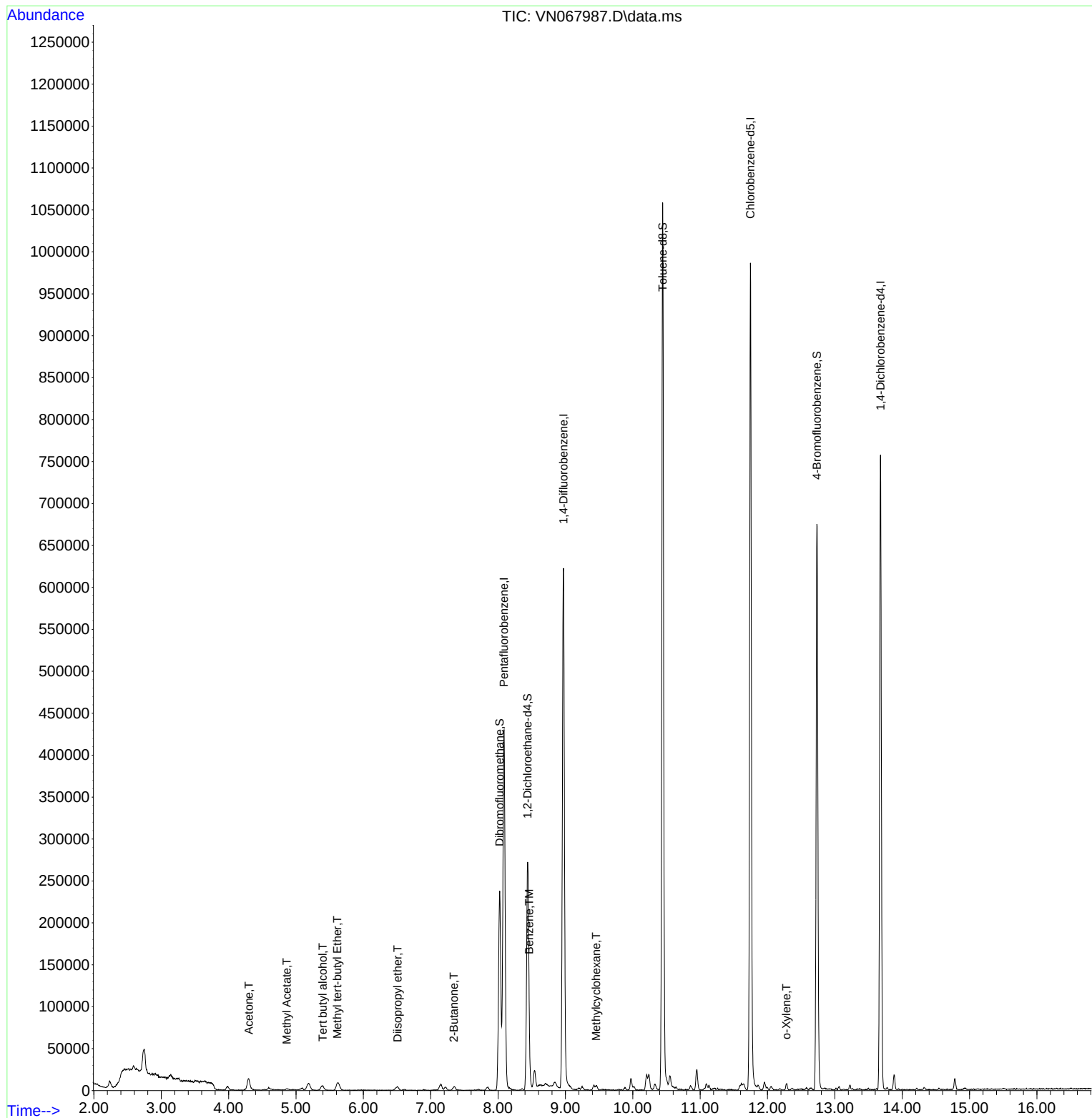
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
Data File : VN067987.D
Acq On : 3 Aug 2021 17:25
Operator : JC/MD
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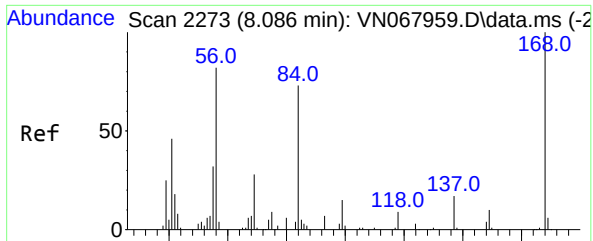
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Manual Integrations
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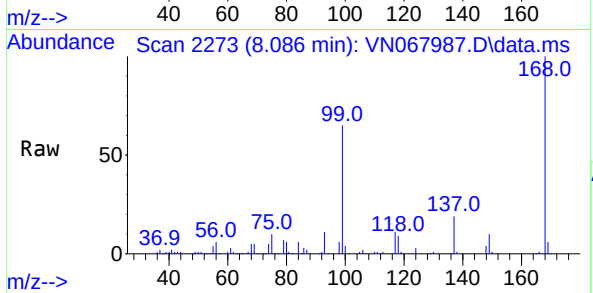
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Quant Time: Aug 04 03:40:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

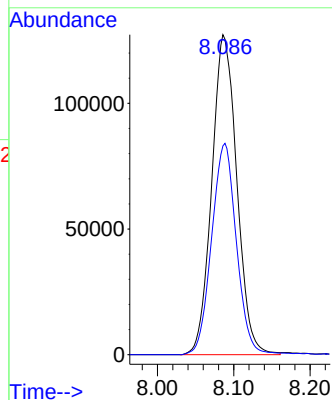
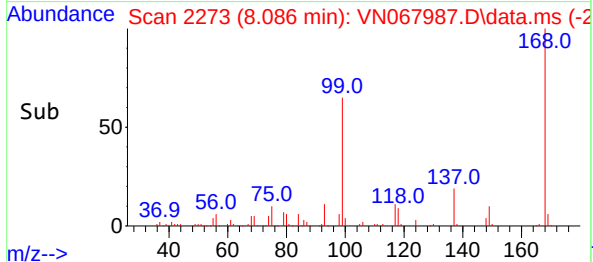




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25



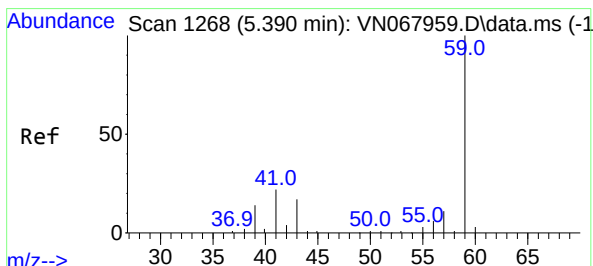
Tgt Ion: 168 Resp: 290492
Ion Ratio Lower Upper
168 100
99 65.3 62.9 94.3



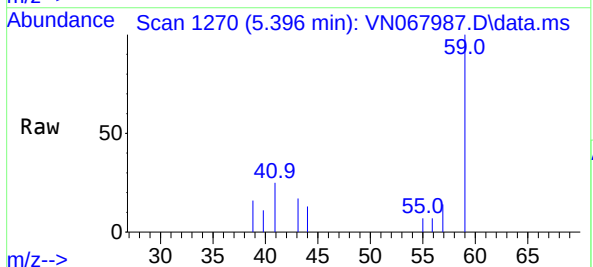
Instrument :
MSVOA_N
ClientSampled :
MW-1

Manual Integrations
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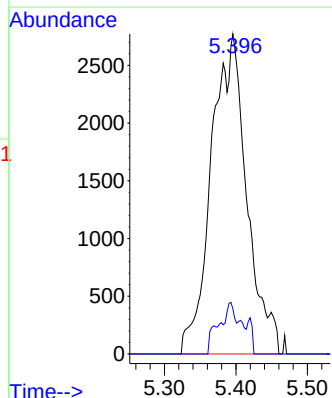
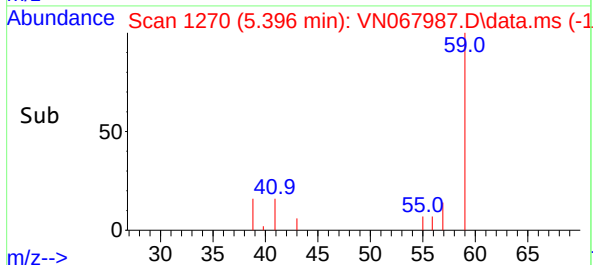
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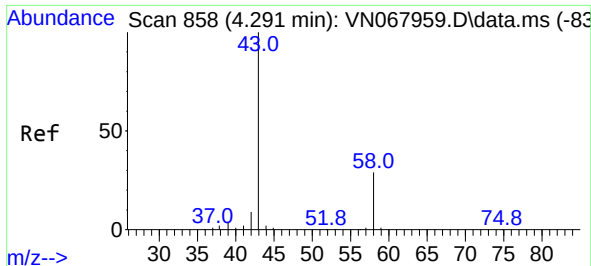


#11
Tert butyl alcohol
Concen: 17.316 ug/l m
RT: 5.396 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25



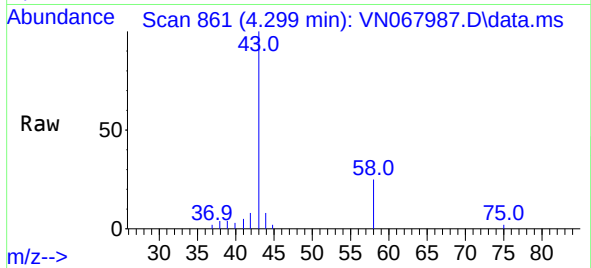
Tgt Ion: 59 Resp: 9541
Ion Ratio Lower Upper
59 100
57 9.6 8.7 13.1





#16
Acetone
Concen: 17.480 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

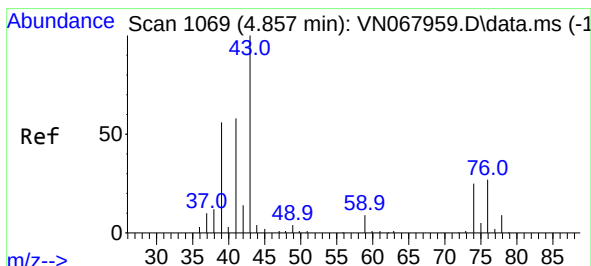
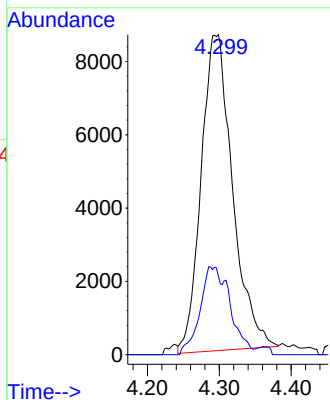
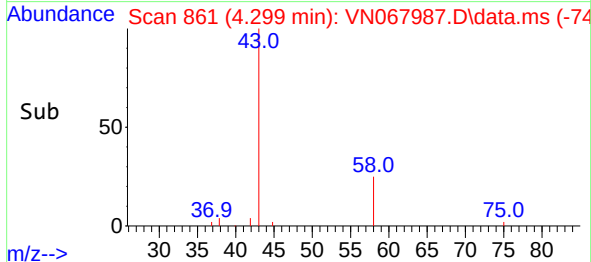
Instrument :
MSVOA_N
ClientSampled :
MW-1



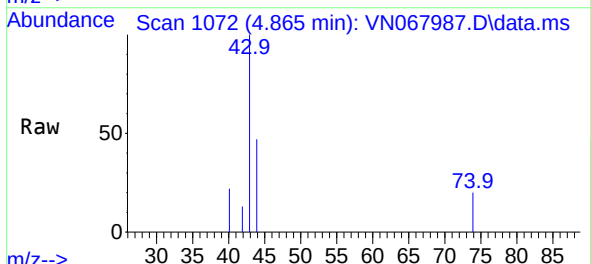
Tgt Ion: 43 Resp: 26229
Ion Ratio Lower Upper
43 100
58 25.2 21.2 31.8

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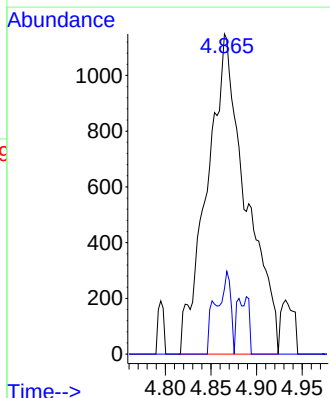
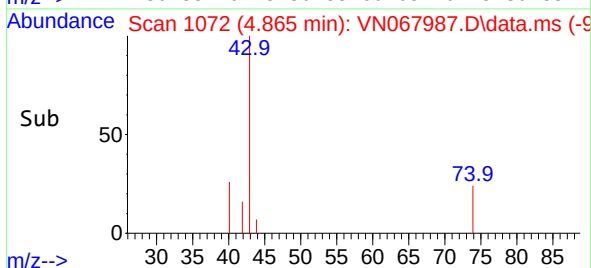
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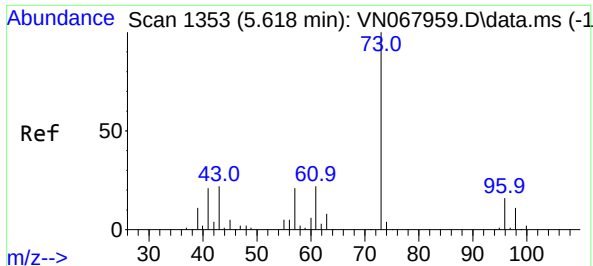


#18
Methyl Acetate
Concen: 0.845 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25



Tgt Ion: 43 Resp: 3412
Ion Ratio Lower Upper
43 100
74 5.4 17.4 26.0#





#19

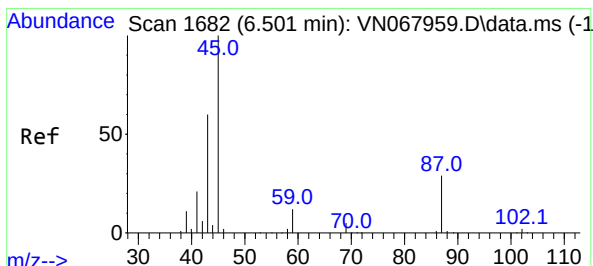
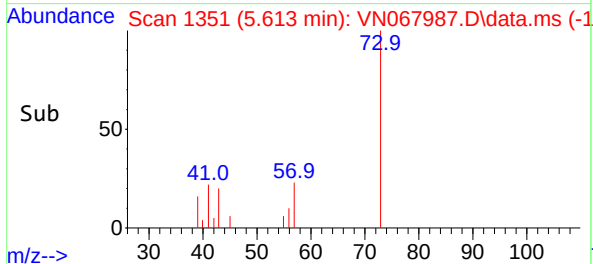
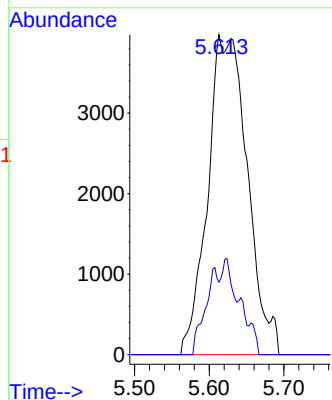
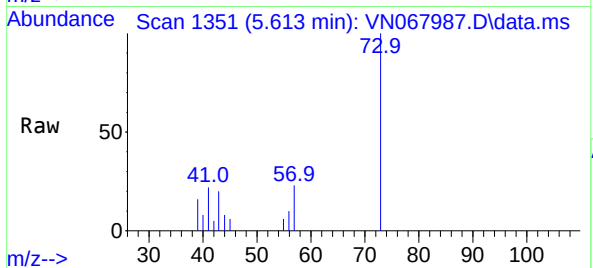
Methyl tert-butyl Ether
Concen: 1.416 ug/l m
RT: 5.613 min Scan# 1351
Delta R.T. -0.005 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion: 73 Resp: 14646
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.6

Instrument :
MSVOA_N
ClientSampled :
MW-1

Manual Integrations
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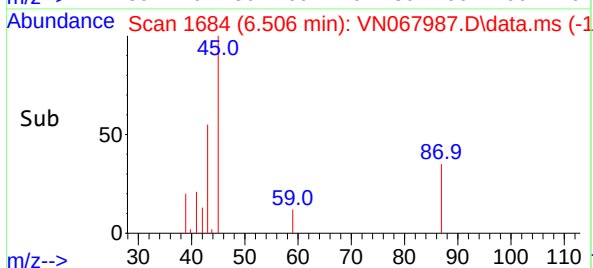
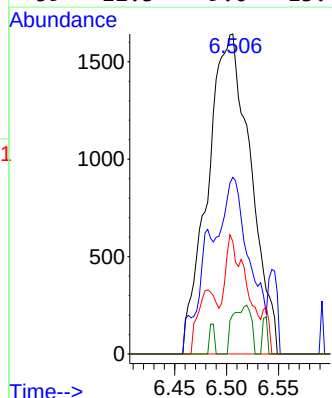
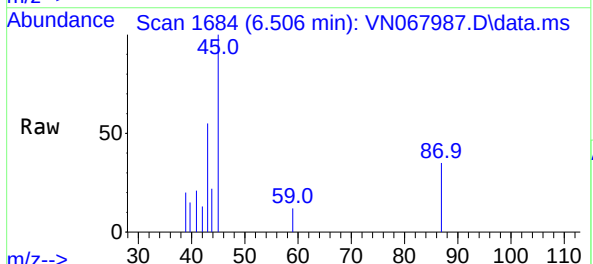
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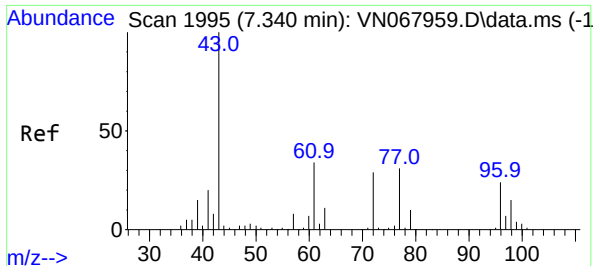


#22

Diisopropyl ether
Concen: 0.454 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.005 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion: 45 Resp: 4718
Ion Ratio Lower Upper
45 100
43 55.2 49.4 74.2
87 35.2 20.9 31.3#
59 12.3 9.0 13.4





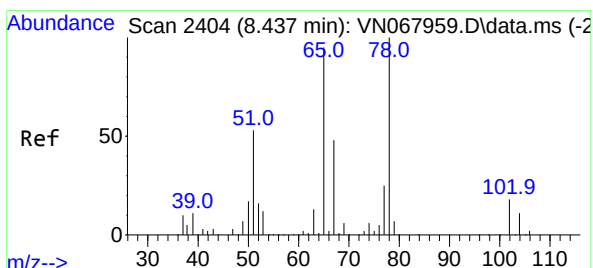
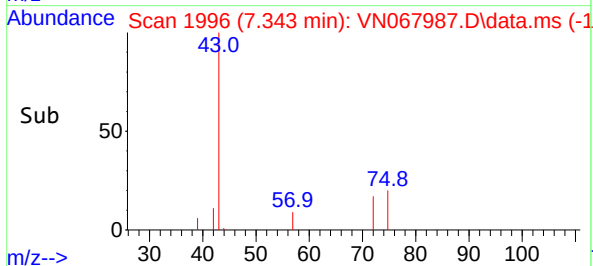
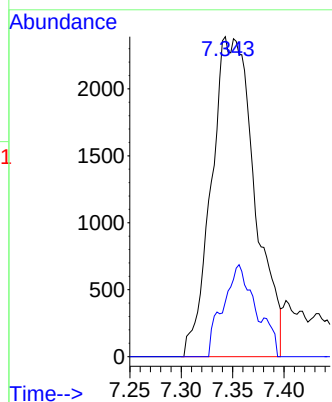
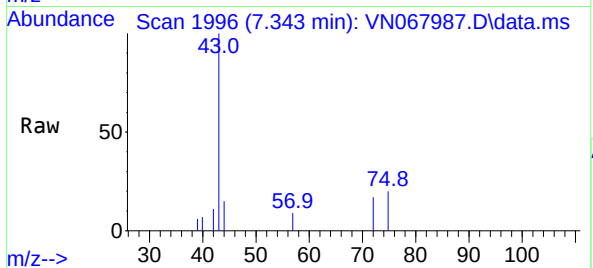
#25
2-Butanone
Concen: 3.204 ug/l m
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion: 43 Resp: 6975
Ion Ratio Lower Upper
43 100
72 17.2 19.7 29.5#

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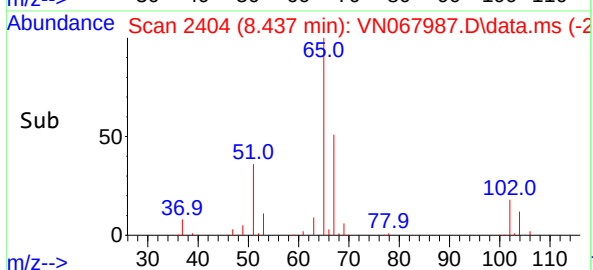
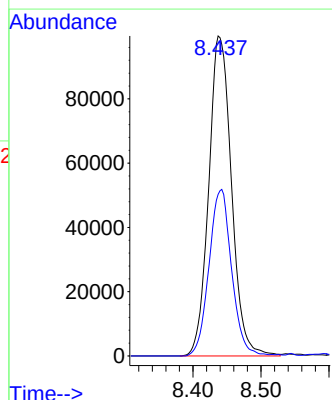
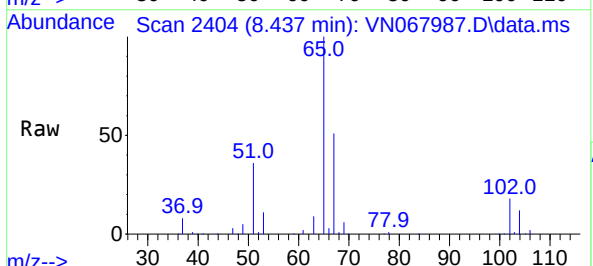
Manual Integrations
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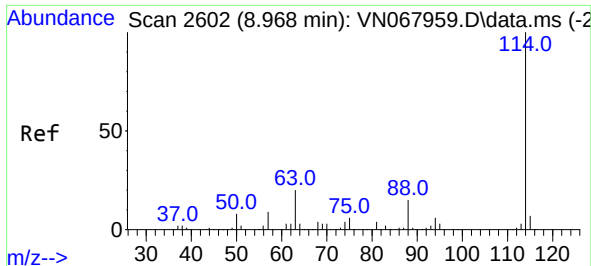
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#33
1,2-Dichloroethane-d4
Concen: 56.445 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion: 65 Resp: 232126
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6





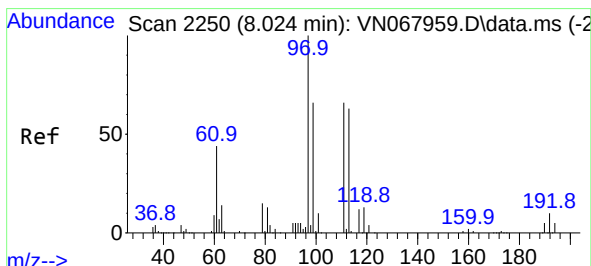
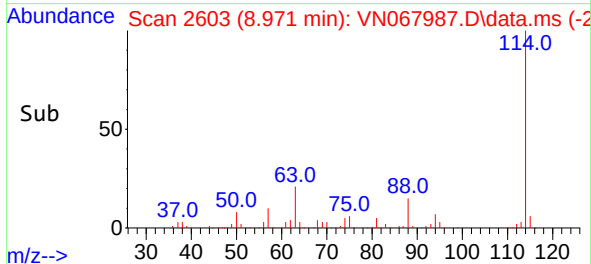
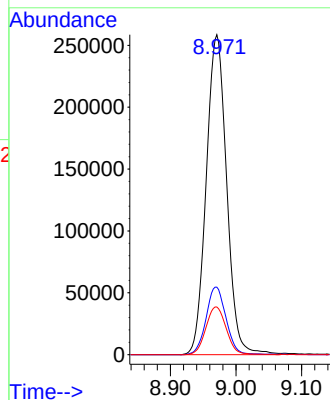
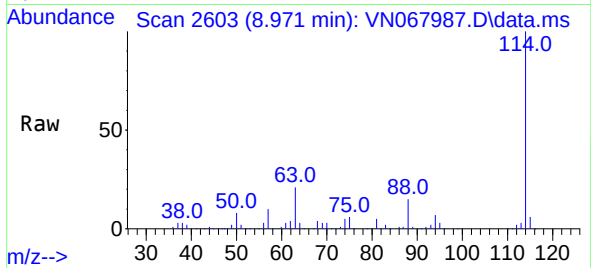
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion:114 Resp: 559605
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 14.9 0.0 36.6

Instrument :
MSVOA_N
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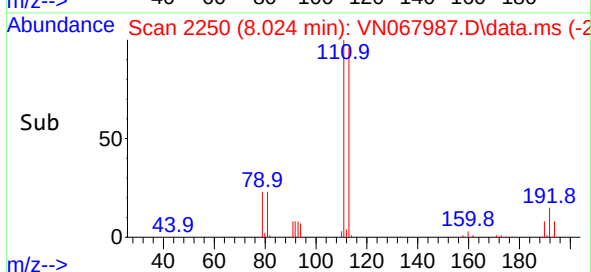
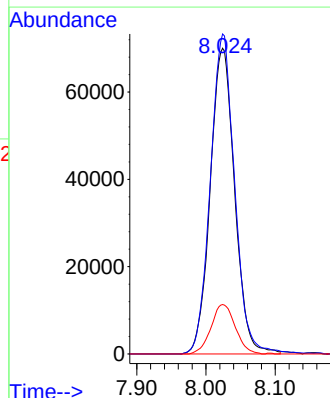
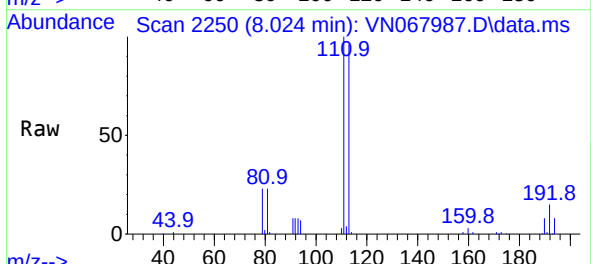
Manual Integrations
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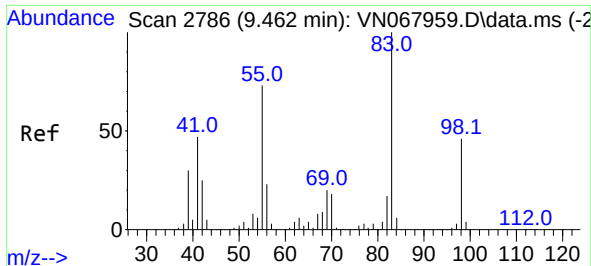
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#35
Dibromofluoromethane
Concen: 52.660 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion:113 Resp: 171741
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.8
192 16.1 13.4 20.0





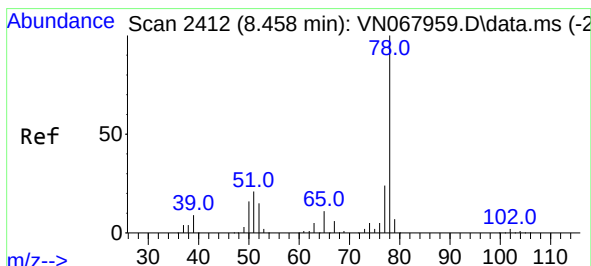
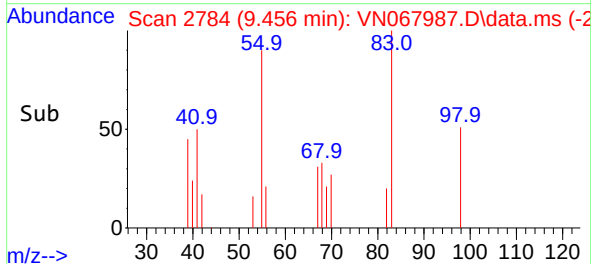
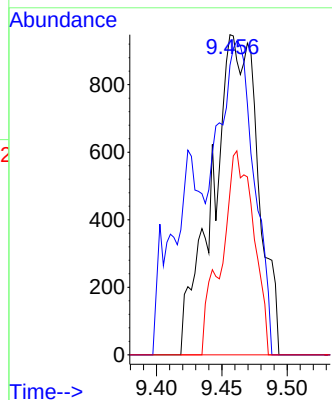
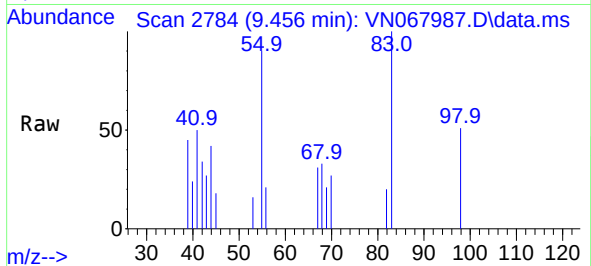
#39
Methylcyclohexane
Concen: 0.411 ug/l m
RT: 9.456 min Scan# 2784
Delta R.T. -0.006 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion: 83 Resp: 2301
Ion Ratio Lower Upper
83 100
55 90.4 66.6 99.8
98 50.8 35.3 52.9

Instrument :
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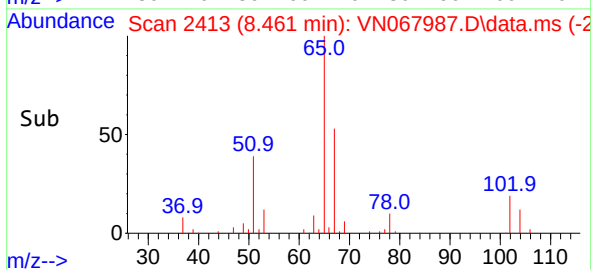
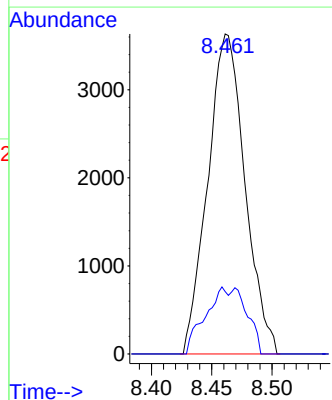
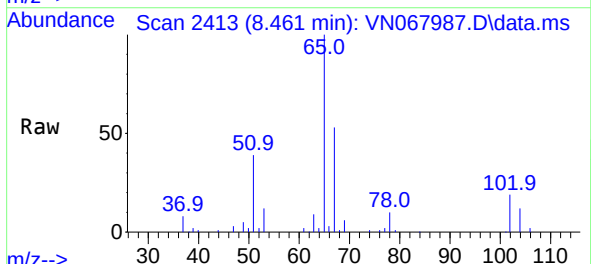
Manual Integrations
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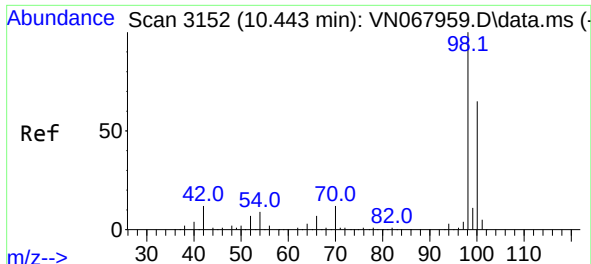
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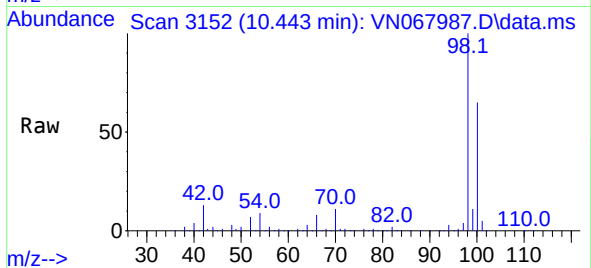
#40
Benzene
Concen: 0.509 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

Tgt Ion: 78 Resp: 7798
Ion Ratio Lower Upper
78 100
77 19.5 18.9 28.3

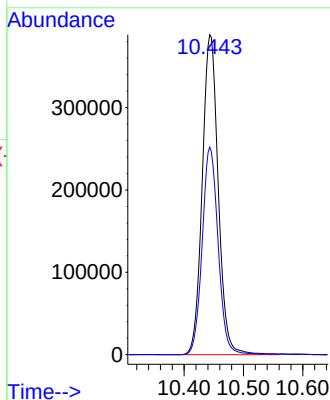
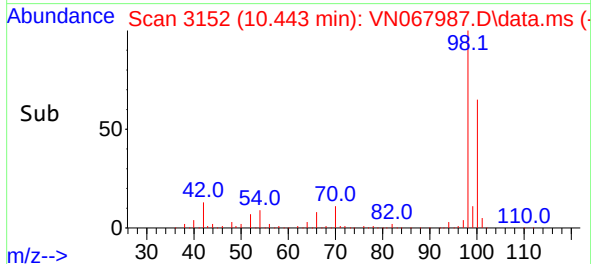




#50
Toluene-d8
Concen: 48.407 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25



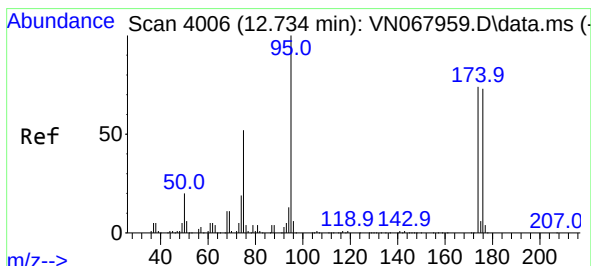
Tgt Ion: 98 Resp: 726576
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



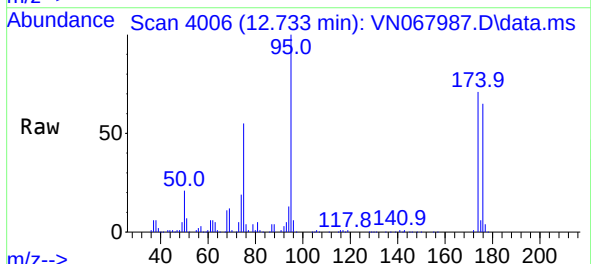
Instrument :
MSVOA_N
ClientSampled :
MW-1

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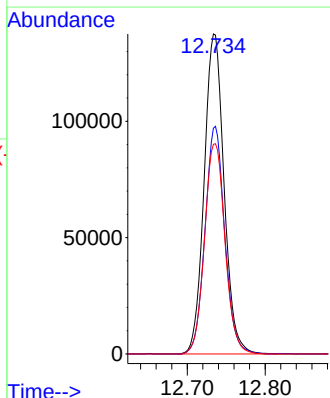
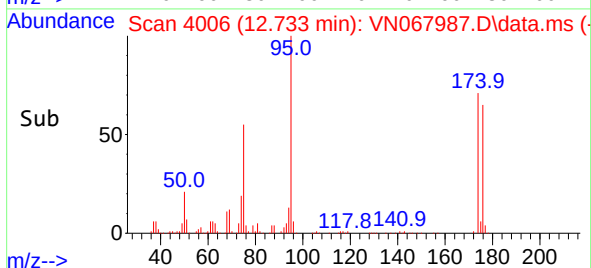
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8/5/2021 6:40:57 PM

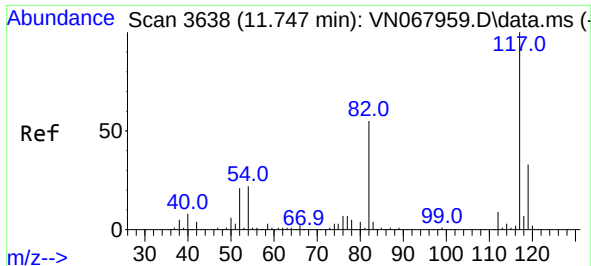


#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

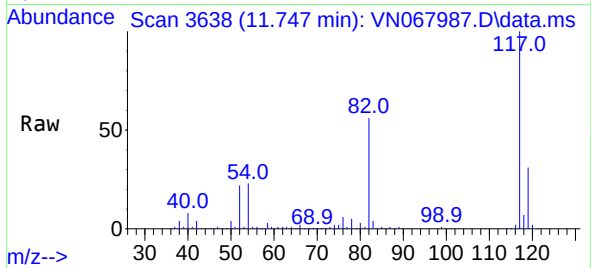


Tgt Ion: 95 Resp: 244441
Ion Ratio Lower Upper
95 100
174 70.6 0.0 122.0
176 67.6 0.0 117.6

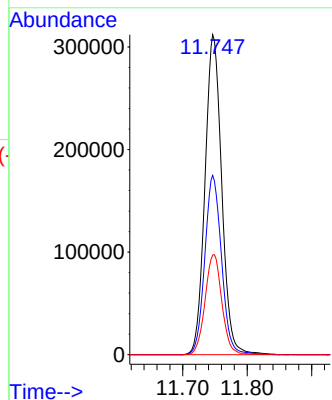
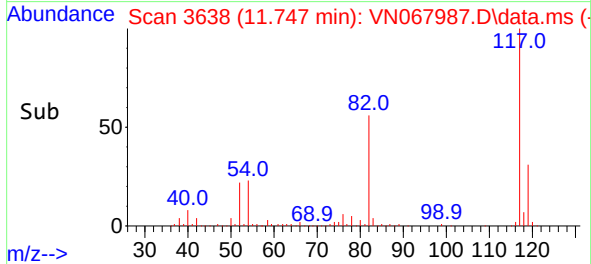




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25



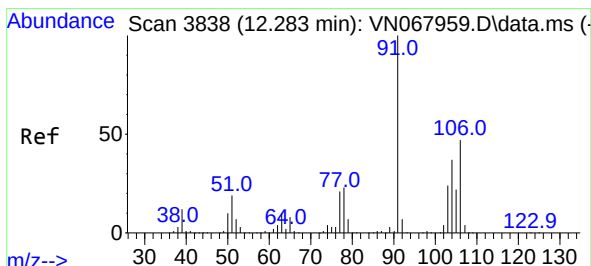
Tgt Ion:117 Resp: 562753
Ion Ratio Lower Upper
117 100
82 56.0 53.1 79.7
119 31.1 25.5 38.3



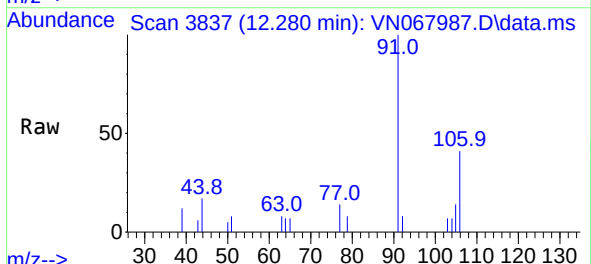
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Manual Integrations
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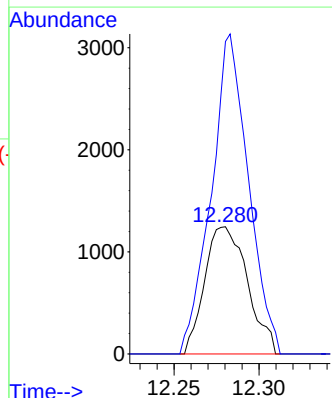
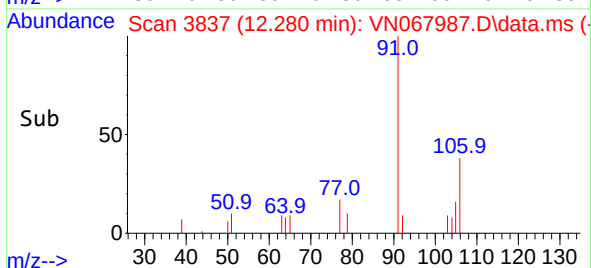
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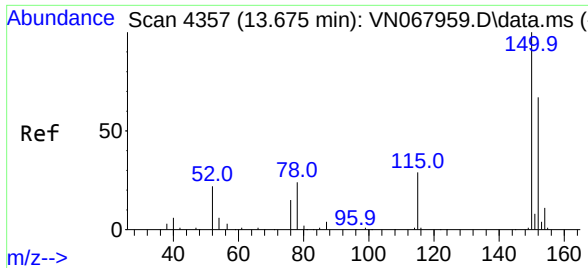


#69
o-Xylene
Concen: 0.291 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067987.D
Acq: 3 Aug 2021 17:25

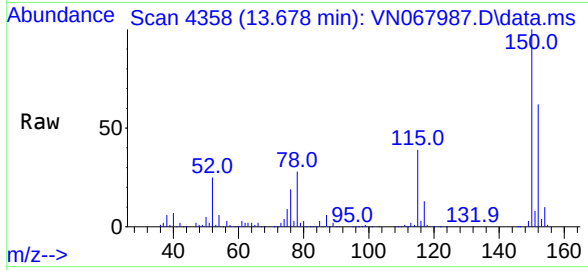


Tgt Ion:106 Resp: 2177
Ion Ratio Lower Upper
106 100
91 218.7 118.3 354.9

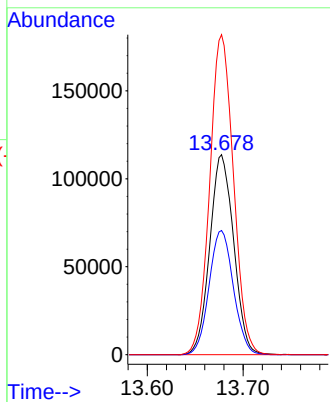
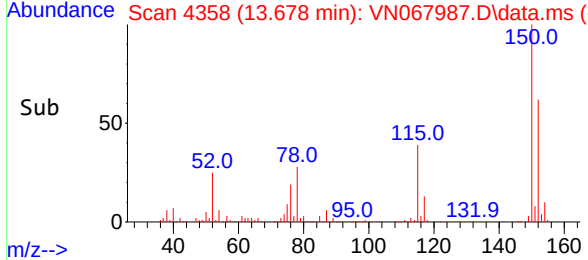




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN067987.D
 Acq: 3 Aug 2021 17:25



Tgt Ion:152 Resp: 197040
 Ion Ratio Lower Upper
 152 100
 115 63.1 36.1 108.5
 150 158.8 0.0 351.8



Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Manual Integrations
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