

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069116.D
 Acq On : 22 Oct 2021 3:47
 Operator : JC/MD
 Sample : M4285-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-FA-(1)

Manual Integrations
 APPROVED

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Quant Time: Oct 22 07:21:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	329850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	574483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	577646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	221766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	211654	48.668	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.340%		
35) Dibromofluoromethane	8.024	113	165459	49.503	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.000%		
50) Toluene-d8	10.443	98	726209	54.302	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.600%		
62) 4-Bromofluorobenzene	12.733	95	266067	52.732	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.460%		
Target Compounds						
16) Acetone	4.301	43	11078m	6.826	ug/l	
18) Methyl Acetate	4.867	43	9130	1.483	ug/l #	80
20) Methylene Chloride	5.103	84	11171	2.991	ug/l	99
43) Isopropyl Acetate	8.568	43	58701	6.565	ug/l #	81

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

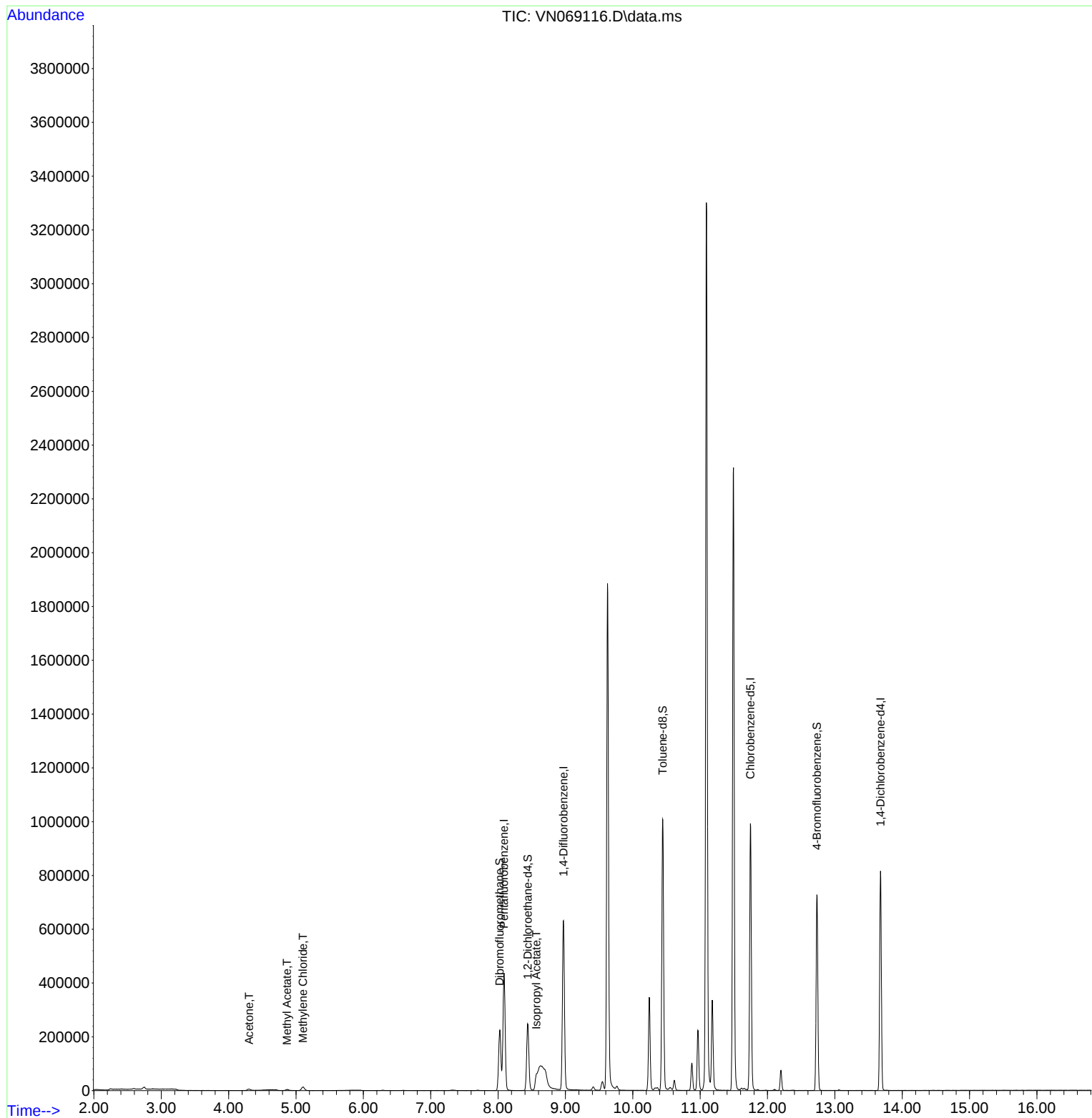
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
Data File : VN069116.D
Acq On : 22 Oct 2021 3:47
Operator : JC/MD
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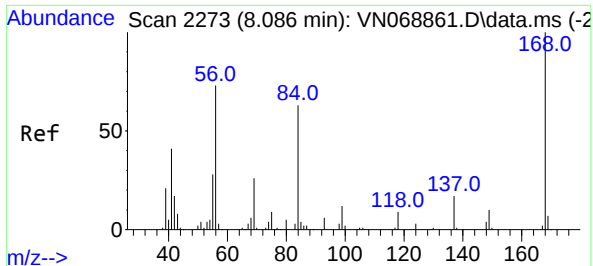
Instrument :
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ClientSampleId :
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Manual Integrations
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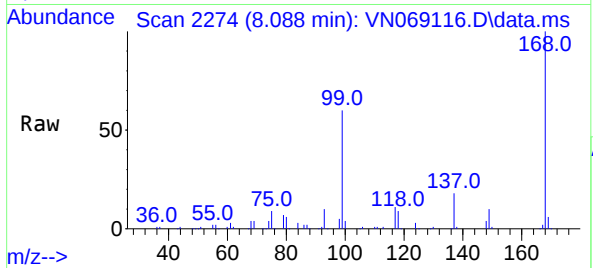
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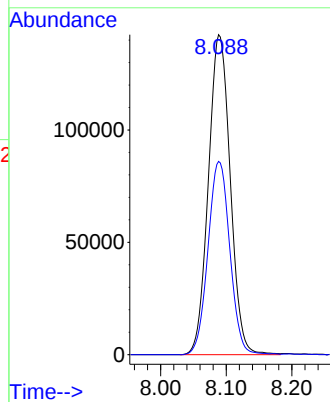
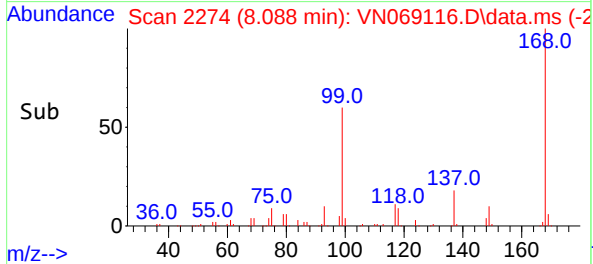




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



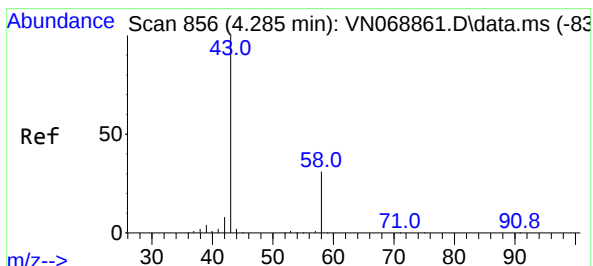
Tgt Ion: 168 Resp: 329850
Ion Ratio Lower Upper
168 100
99 60.4 48.9 73.3



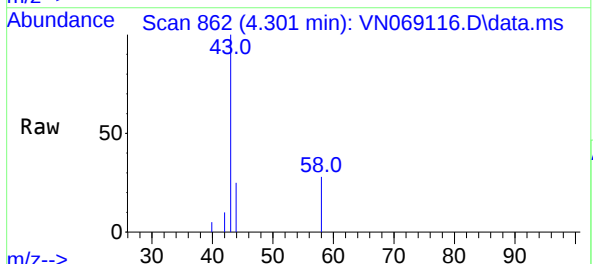
Instrument :
MSVOA_N
ClientSampled :
MH-FA-(1)

Manual Integrations
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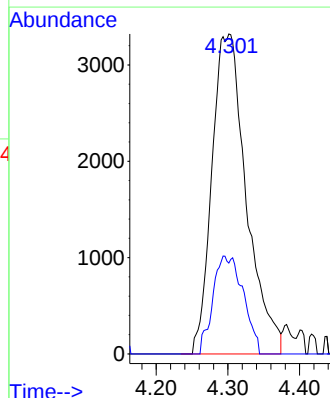
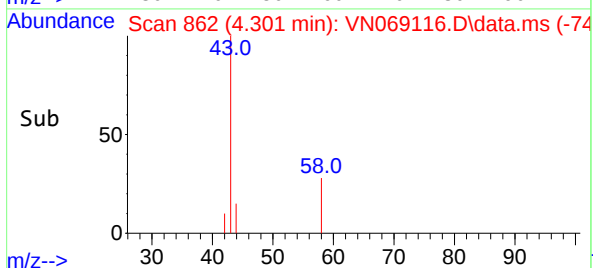
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#16
Acetone
Concen: 6.826 ug/l m
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47

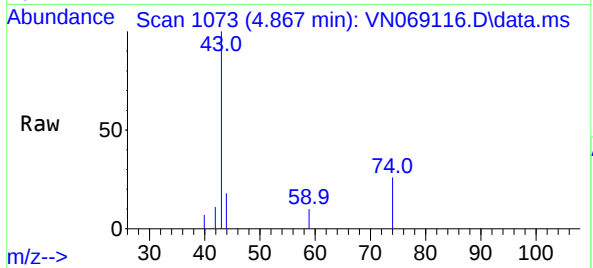


Tgt Ion: 43 Resp: 11078
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7

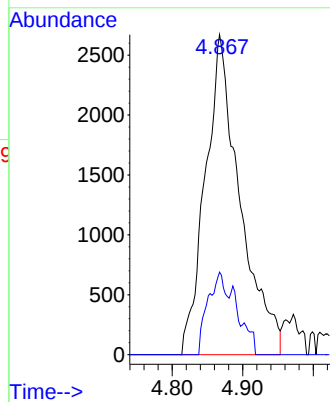
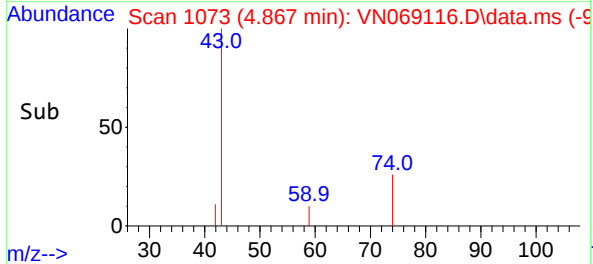




#18
Methyl Acetate
Concen: 1.483 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



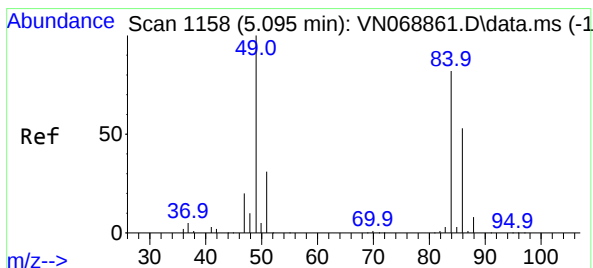
Tgt Ion: 43 Resp: 9130
Ion Ratio Lower Upper
43 100
74 13.9 18.9 28.3#



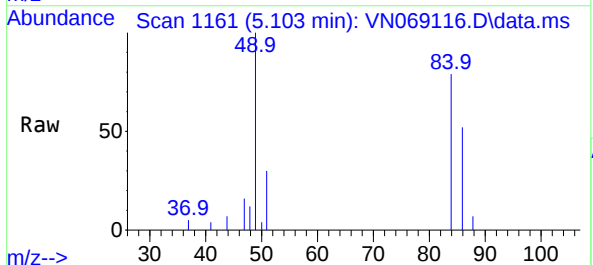
Instrument :
MSVOA_N
ClientSampleId :
MH-FA-(1)

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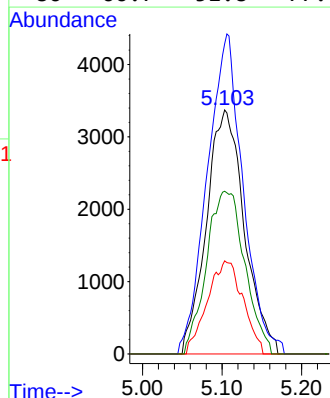
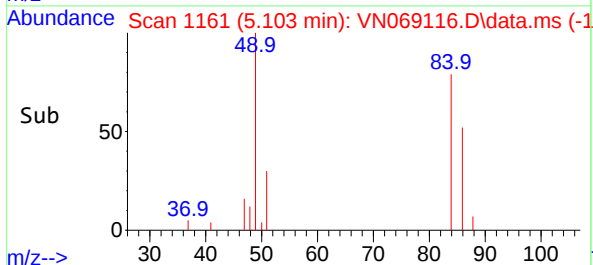
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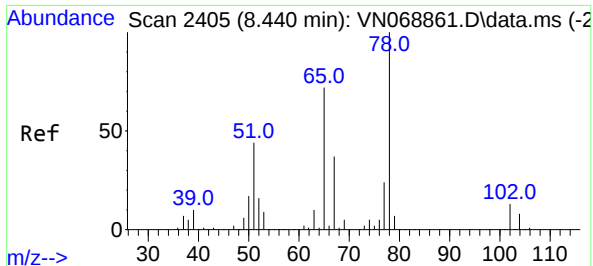


#20
Methylene Chloride
Concen: 2.991 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



Tgt Ion: 84 Resp: 11171
Ion Ratio Lower Upper
84 100
49 122.6 97.6 146.4
51 38.1 30.3 45.5
86 66.7 51.8 77.6





#33

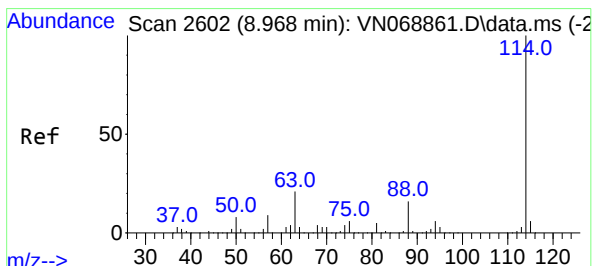
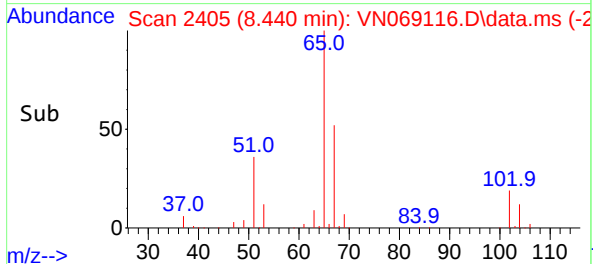
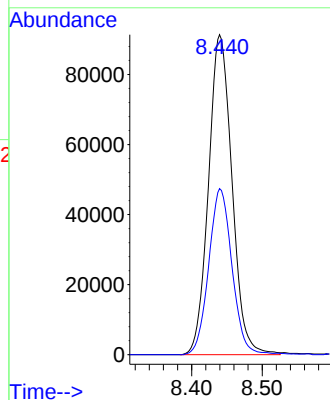
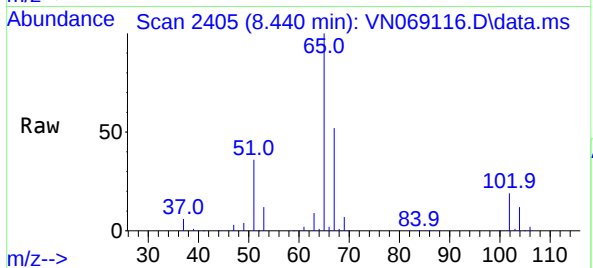
1,2-Dichloroethane-d4
Concen: 48.668 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47

Tgt Ion: 65 Resp: 211654
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

Instrument :
MSVOA_N
ClientSampleId :
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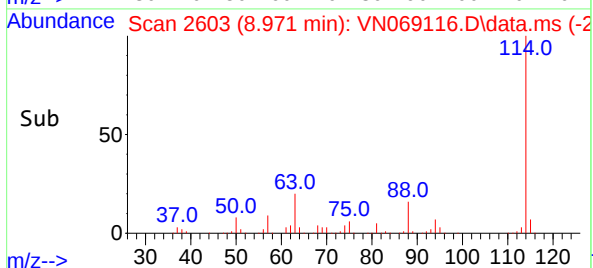
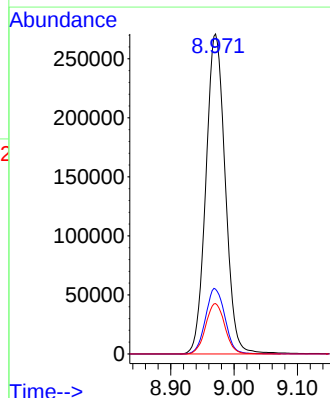
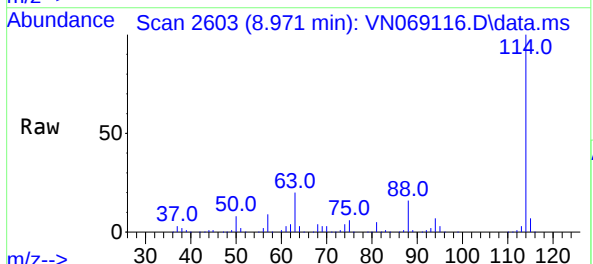
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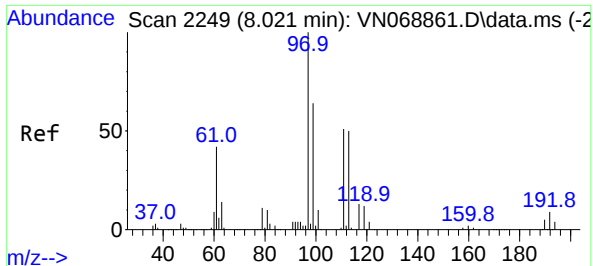


#34

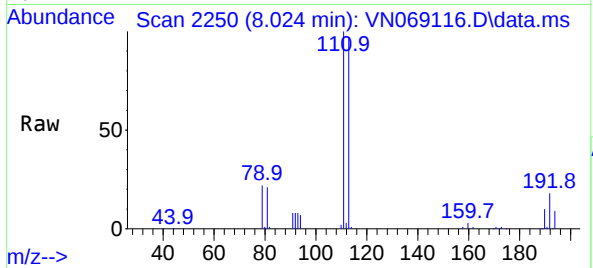
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47

Tgt Ion: 114 Resp: 574483
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.7 0.0 32.0

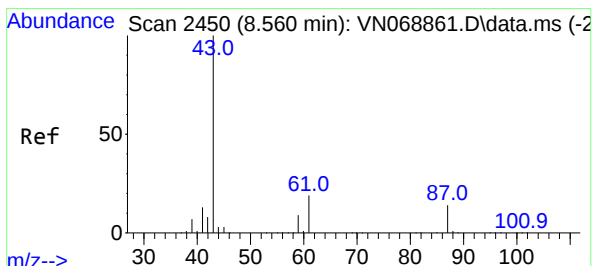
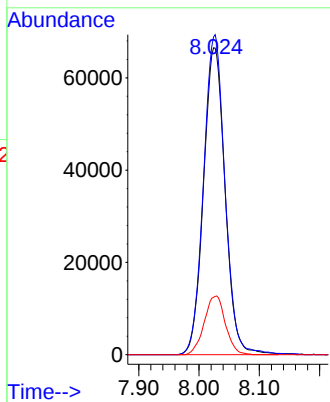
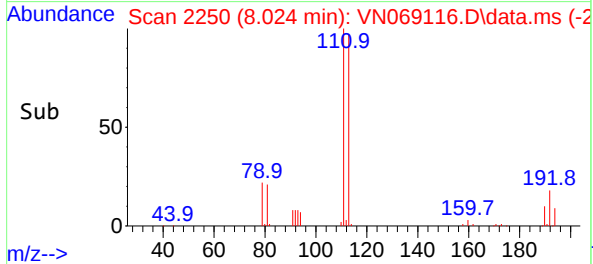




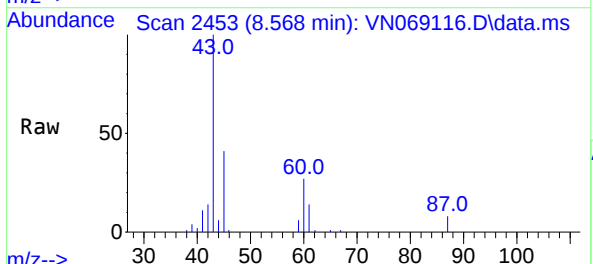
#35
Dibromofluoromethane
Concen: 49.503 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



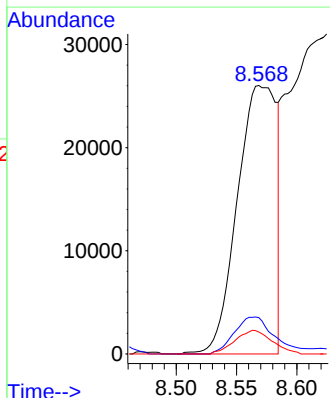
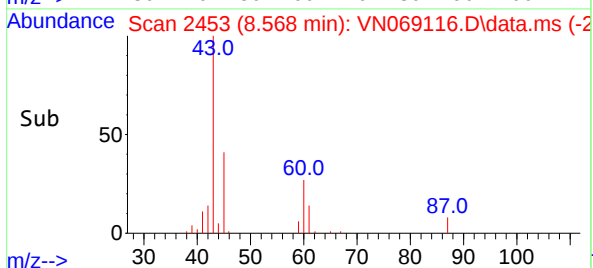
Tgt Ion: 113 Resp: 165459
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 18.8 15.0 22.4



#43
Isopropyl Acetate
Concen: 6.565 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.008 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



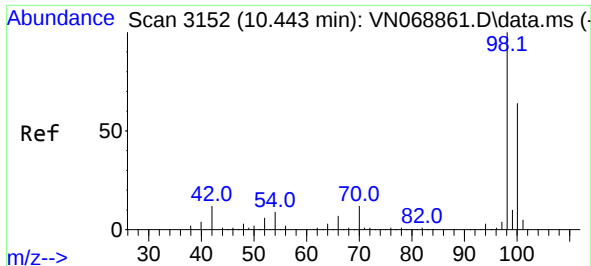
Tgt Ion: 43 Resp: 58701
Ion Ratio Lower Upper
43 100
61 14.3 20.4 30.6#
87 8.4 10.7 16.1#



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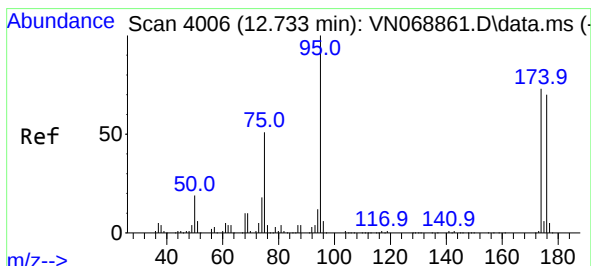
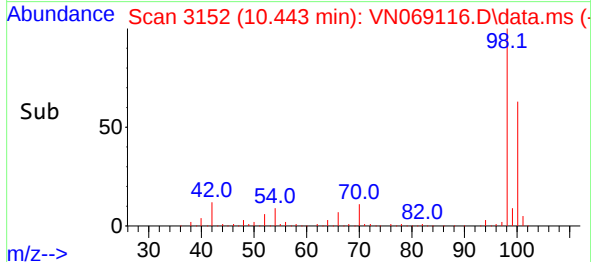
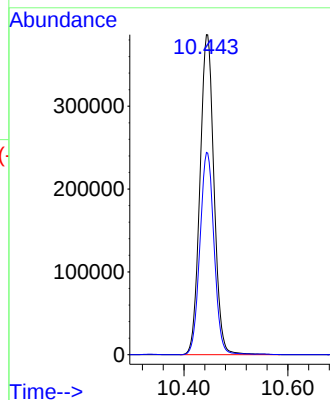
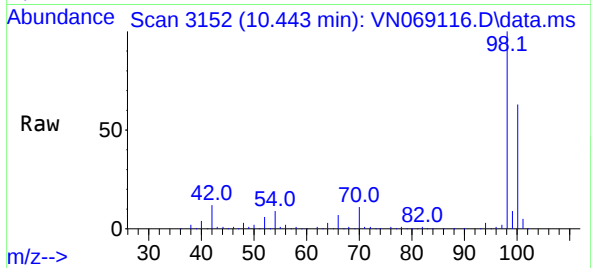
#50
Toluene-d8
Concen: 54.302 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47

Tgt Ion: 98 Resp: 726209
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

Instrument :
MSVOA_N
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MH-FA-(1)

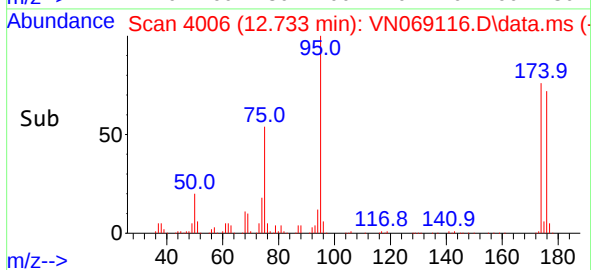
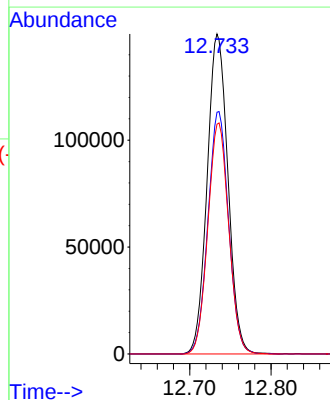
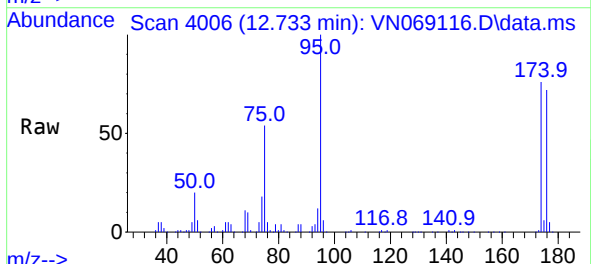
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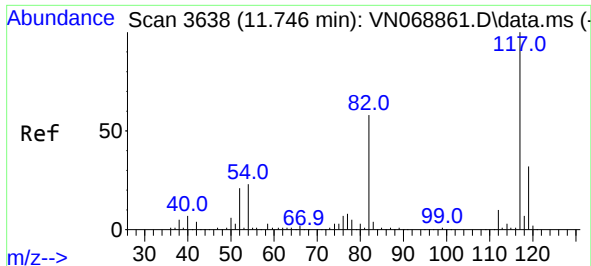
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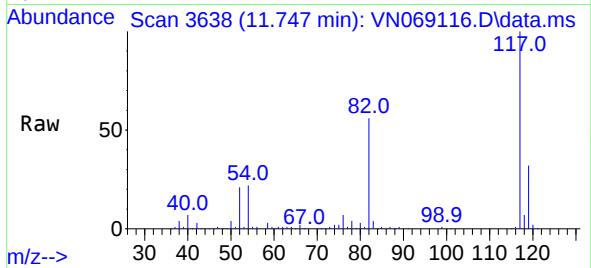
#62
4-Bromofluorobenzene
Concen: 52.732 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47

Tgt Ion: 95 Resp: 266067
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.3 0.0 140.0

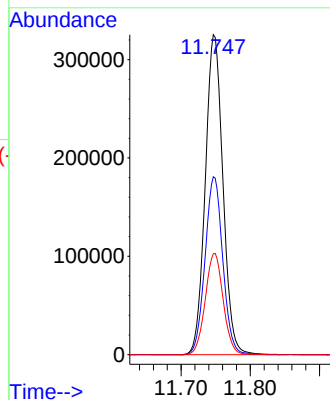
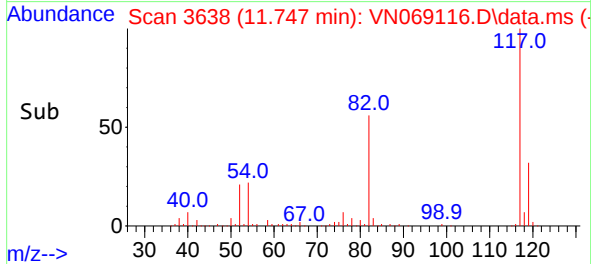




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



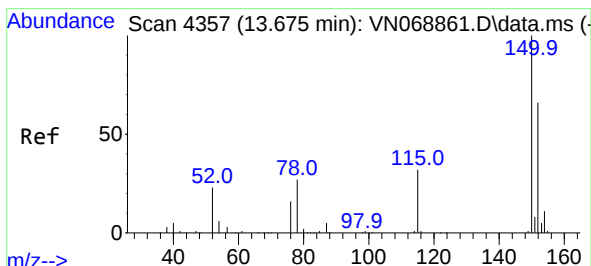
Tgt Ion:117 Resp: 577646
Ion Ratio Lower Upper
117 100
82 55.6 46.4 69.6
119 31.6 26.0 39.0



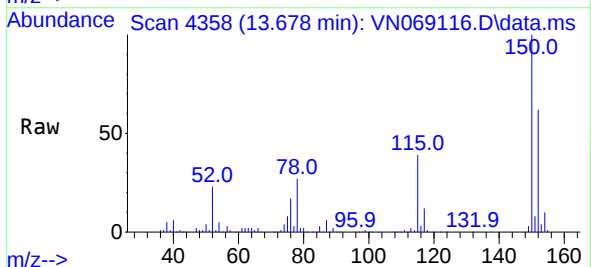
Instrument :
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069116.D
Acq: 22 Oct 2021 3:47



Tgt Ion:152 Resp: 221766
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 158.5 0.0 351.0

