

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069559.D
 Acq On : 18 Nov 2021 17:51
 Operator : JC/MD
 Sample : M4739-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-33A

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:19:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1370817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2410233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2373261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	858546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1022886	51.463	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.920%			
35) Dibromofluoromethane	8.024	113	700799	48.480	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.960%			
50) Toluene-d8	10.443	98	3052232	53.686	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.733	95	1039923	49.791	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.580%			
Target Compounds					Qvalue	
16) Acetone	4.301	43	20532	1.915	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	195096	4.149	ug/l	94
24) 1,1-Dichloroethane	6.383	63	19806m	0.735	ug/l	
27) cis-1,2-Dichloroethene	7.329	96	62931	4.091	ug/l	96

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

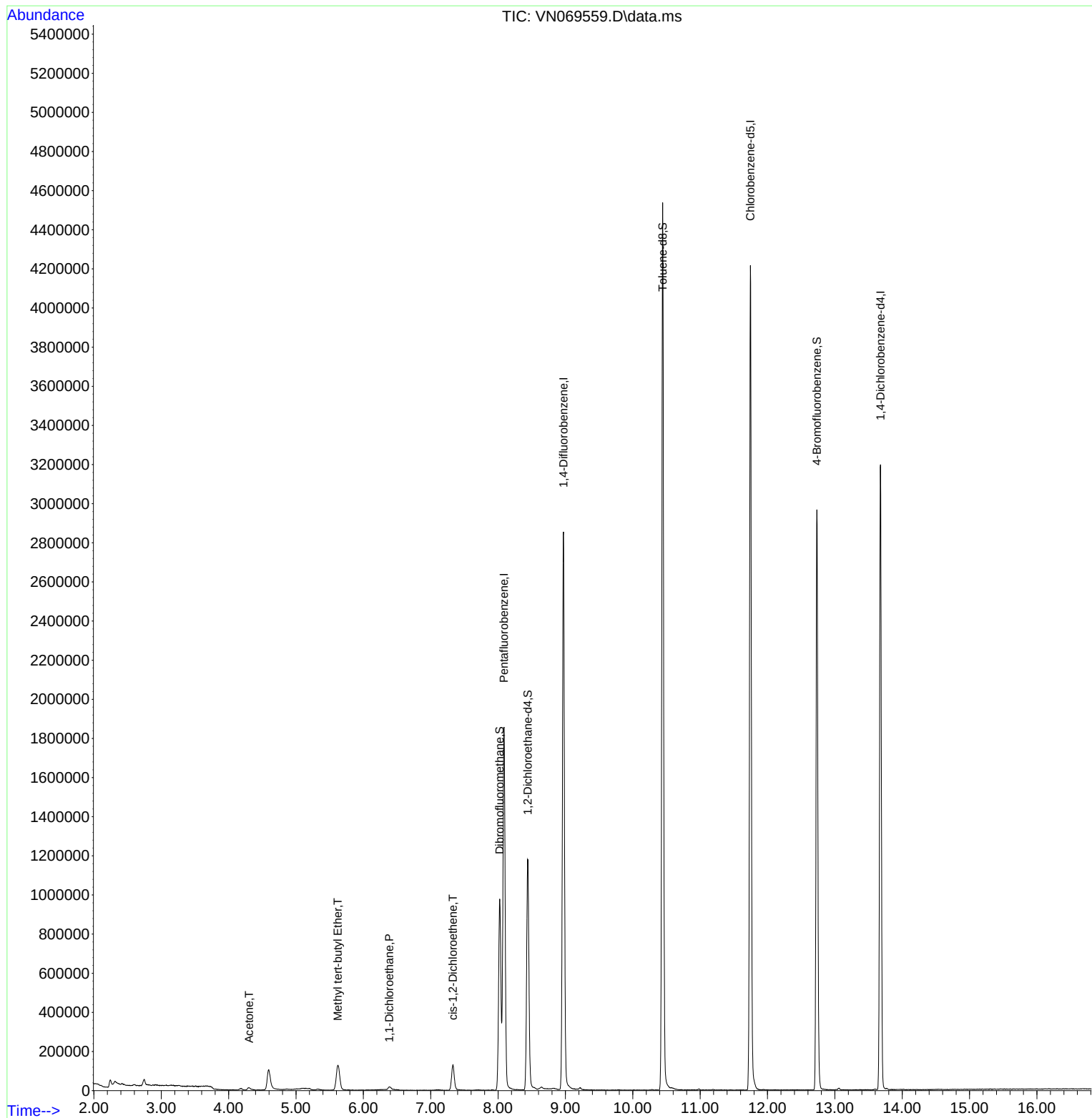
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
Data File : VN069559.D
Acq On : 18 Nov 2021 17:51
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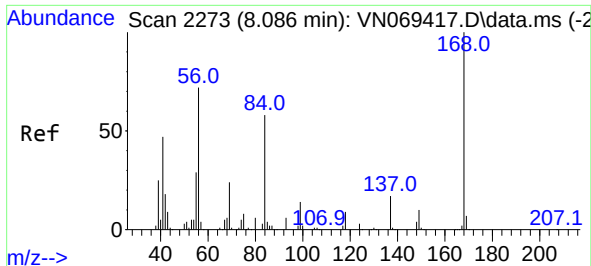
Instrument :
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ClientSampleId :
MW-33A

Quant Time: Nov 19 03:19:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
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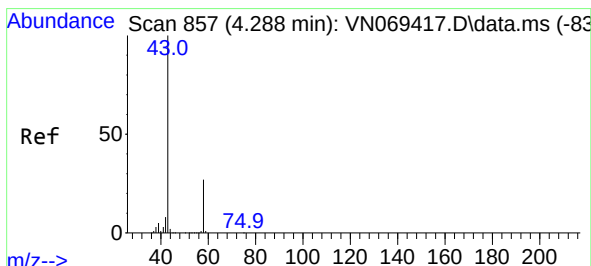
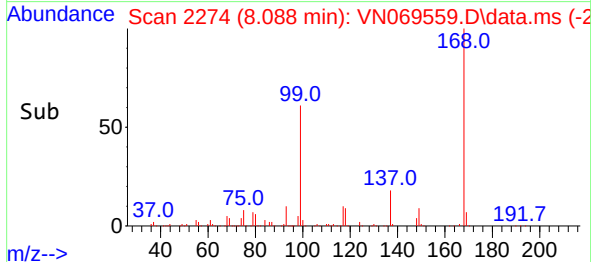
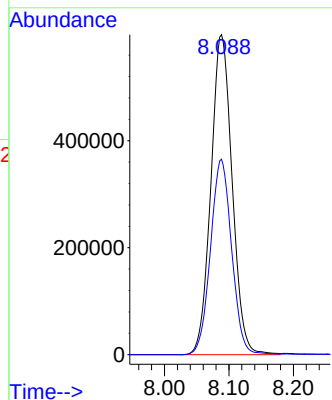
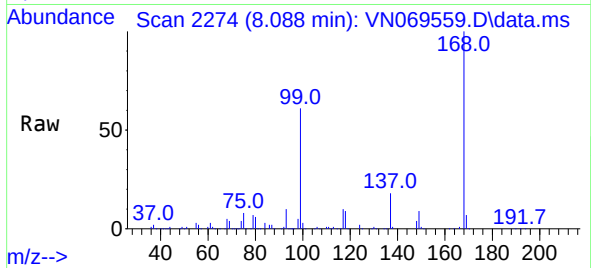
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW-33A

Tgt Ion:168 Resp: 137081
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

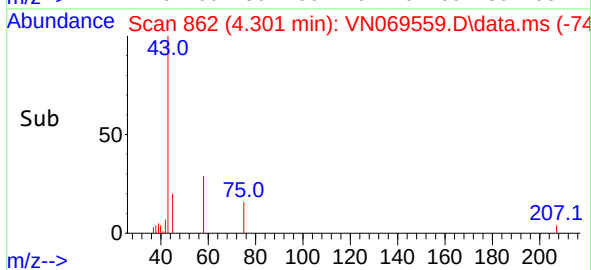
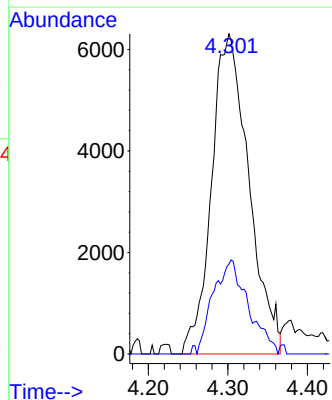
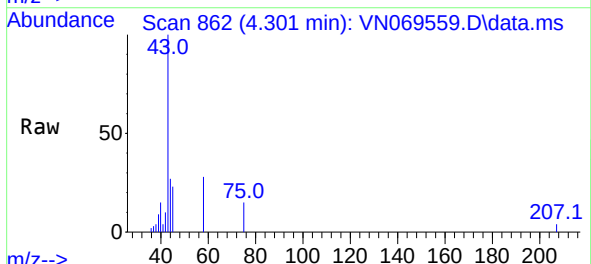
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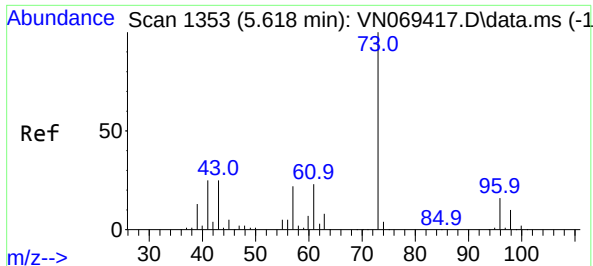
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#16
Acetone
Concen: 1.915 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

Tgt Ion: 43 Resp: 20532
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 4.149 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069559.D

Acq: 18 Nov 2021 17:51

Instrument :

MSVOA_N

ClientSampleId :

MW-33A

Tgt Ion: 73 Resp: 19509

Ion Ratio Lower Upper

73 100

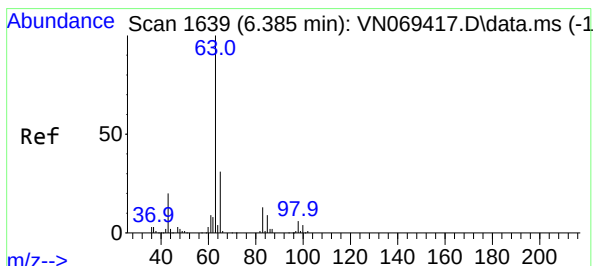
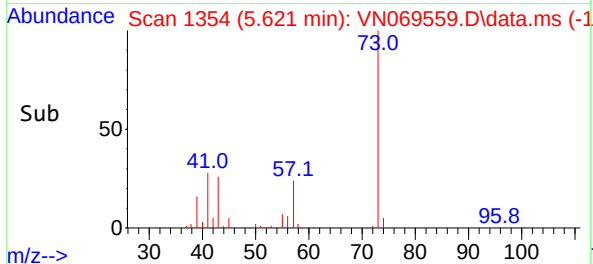
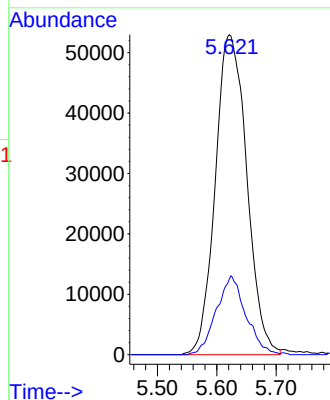
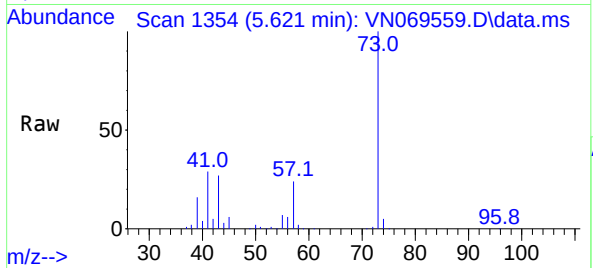
57 23.7 16.8 25.2

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#24

1,1-Dichloroethane

Concen: 0.735 ug/l m

RT: 6.383 min Scan# 1638

Delta R.T. -0.002 min

Lab File: VN069559.D

Acq: 18 Nov 2021 17:51

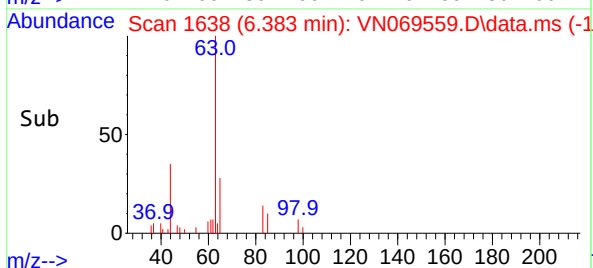
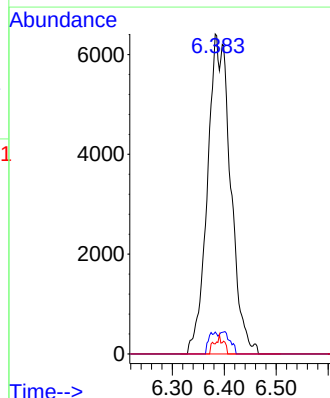
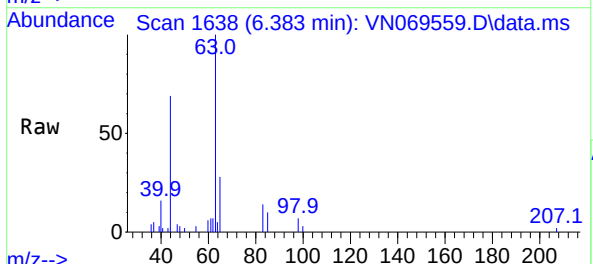
Tgt Ion: 63 Resp: 19806

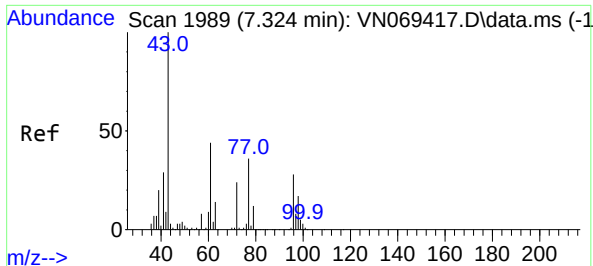
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 3.2 2.1 6.5





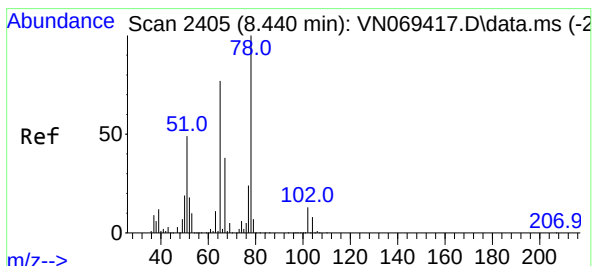
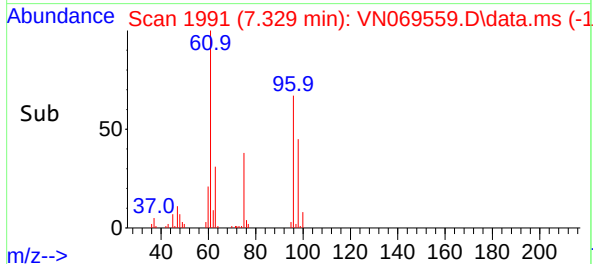
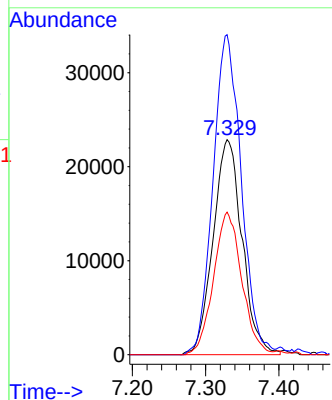
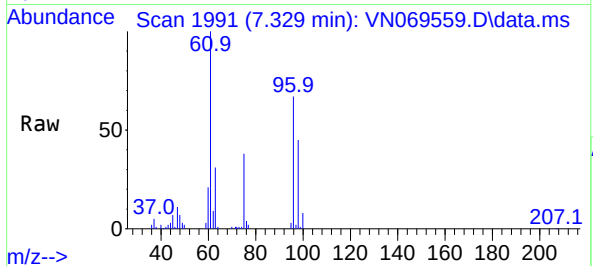
#27
cis-1,2-Dichloroethene
Concen: 4.091 ug/l
RT: 7.329 min Scan# 1989
Delta R.T. 0.005 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

Instrument :
MSVOA_N
ClientSampleId :
MW-33A

Tgt Ion: 96 Resp: 6293
Ion Ratio Lower Upper
96 100
61 144.9 0.0 275.0
98 64.6 0.0 129.6

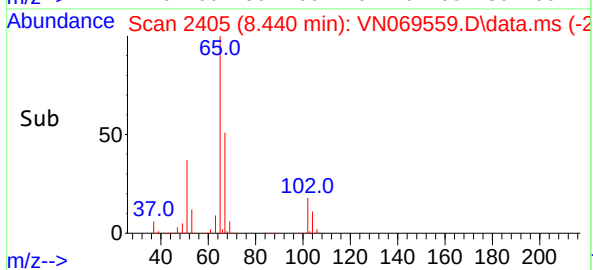
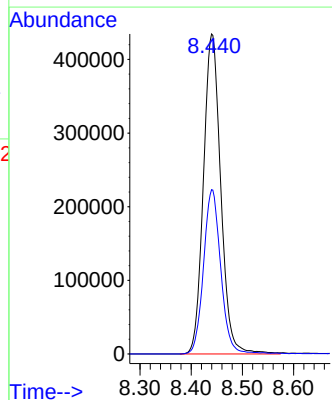
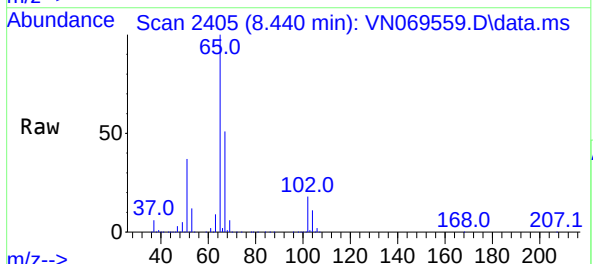
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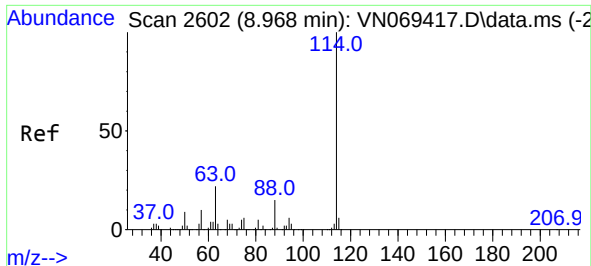
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#33
1,2-Dichloroethane-d4
Concen: 51.463 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

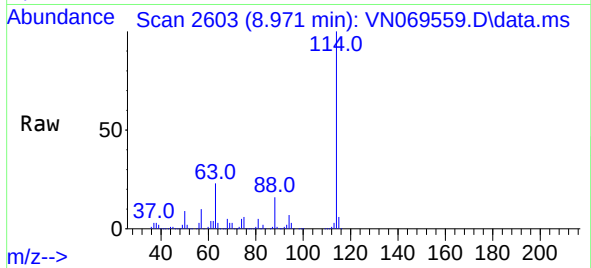
Tgt Ion: 65 Resp: 1022886
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

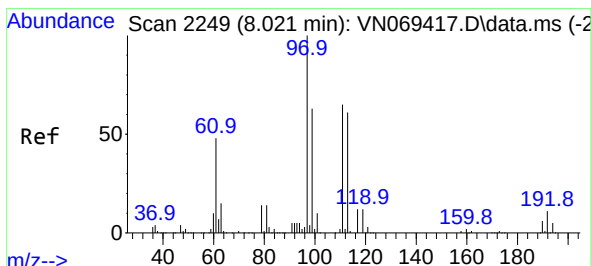
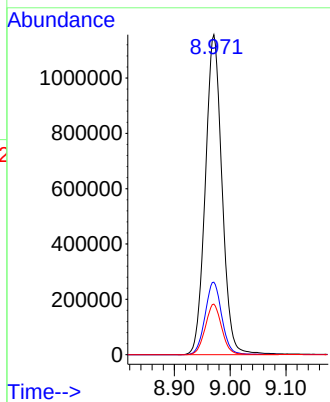
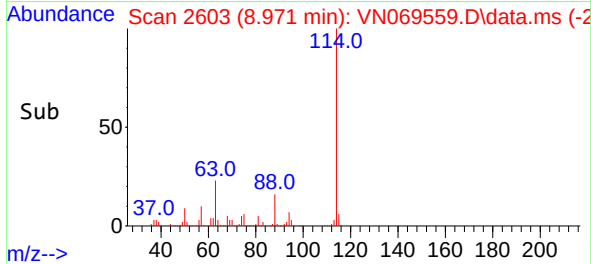
Instrument :
MSVOA_N
ClientSampleId :
MW-33A



Tgt Ion:114 Resp: 241023
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.8 0.0 27.4

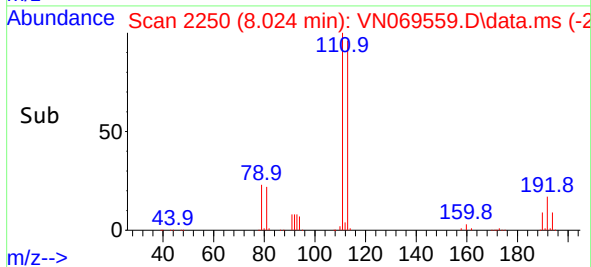
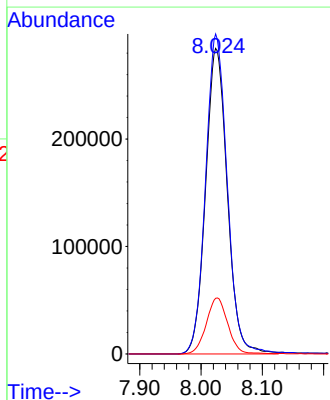
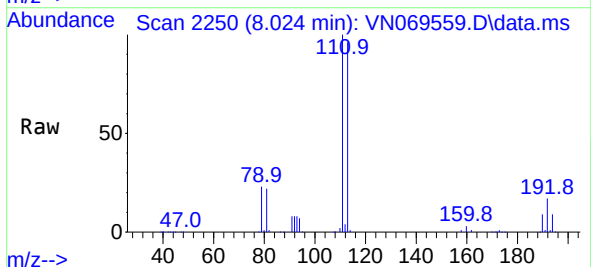
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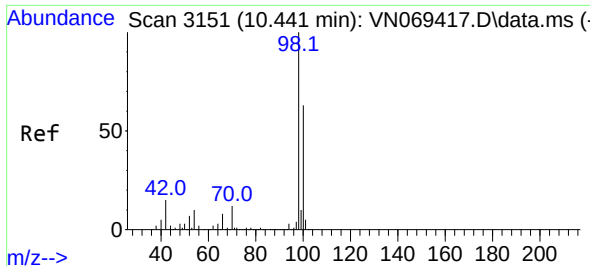
Reviewed By :John Carlone 11/19/2021
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#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

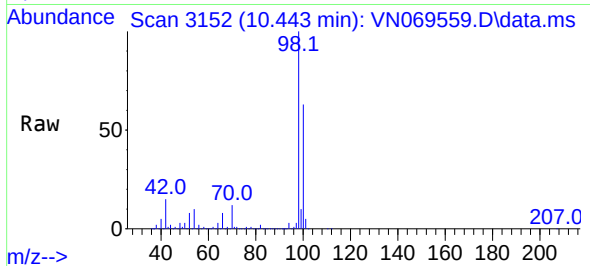
Tgt Ion:113 Resp: 700799
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.2 16.9 25.3





#50
Toluene-d8
Concen: 53.686 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

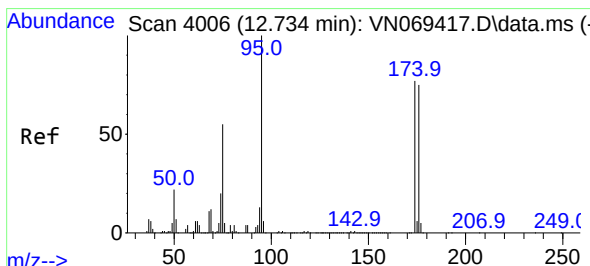
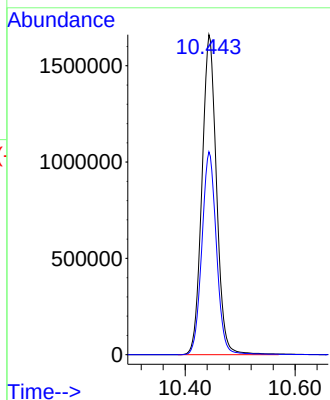
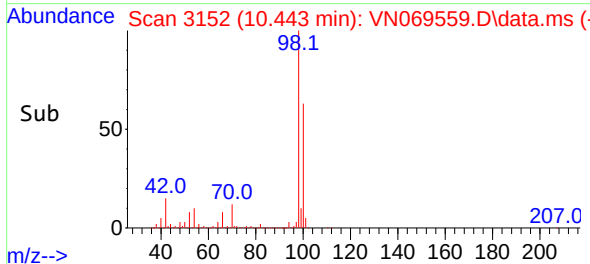
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MSVOA_N
ClientSampleId :
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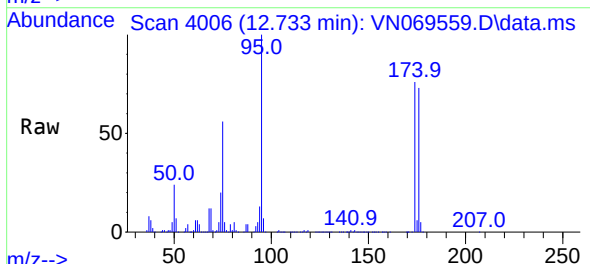
Tgt Ion: 98 Resp: 305223
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

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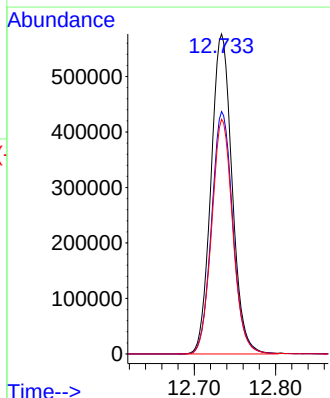
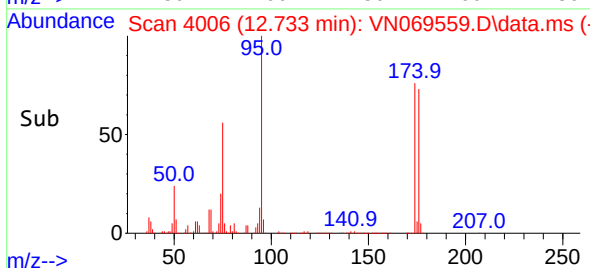
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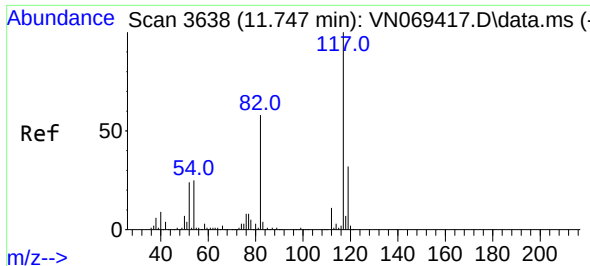


#62
4-Bromofluorobenzene
Concen: 49.791 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51



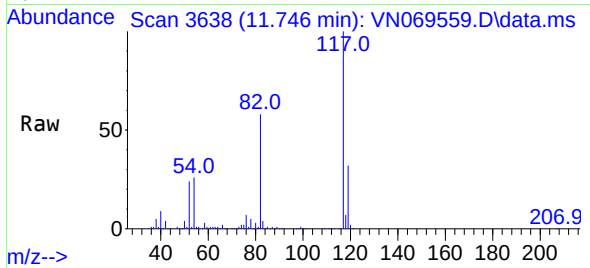
Tgt Ion: 95 Resp: 1039923
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51

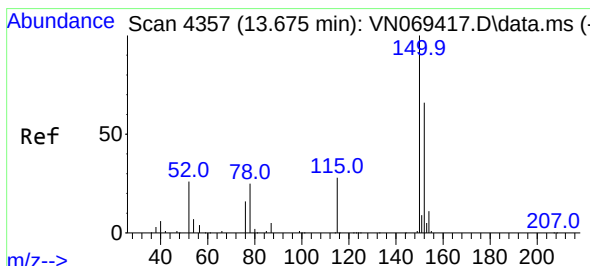
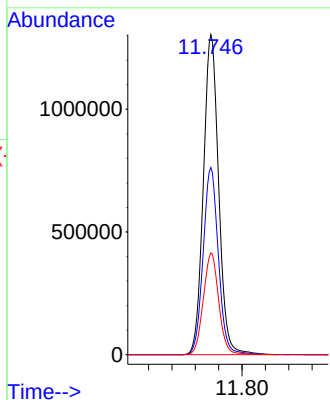
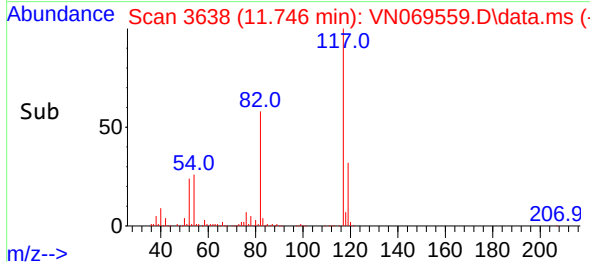
Instrument :
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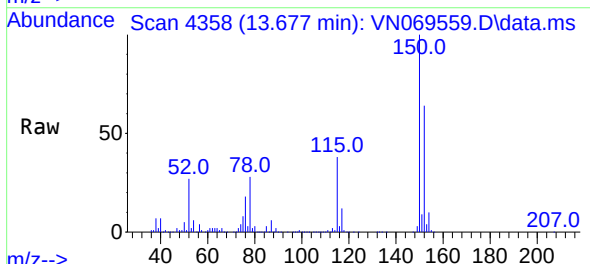
Tgt Ion:117 Resp: 237326
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069559.D
Acq: 18 Nov 2021 17:51



Tgt Ion:152 Resp: 858546
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 157.5 0.0 344.4

