

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074536.D
 Acq On : 17 Sep 2022 02:31
 Operator : JC\MD
 Sample : N4549-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-52

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 06:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	291031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	554700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	552312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	241585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	227281	46.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.060%		
35) Dibromofluoromethane	7.951	113	187640	50.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.380	98	680331	47.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.480%		
62) 4-Bromofluorobenzene	12.674	95	264432	54.179	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.360%		
Target Compounds						
16) Acetone	4.222	43	6668	2.110	ug/l	92
19) Methyl tert-butyl Ether	5.516	73	9156m	0.567	ug/l	

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

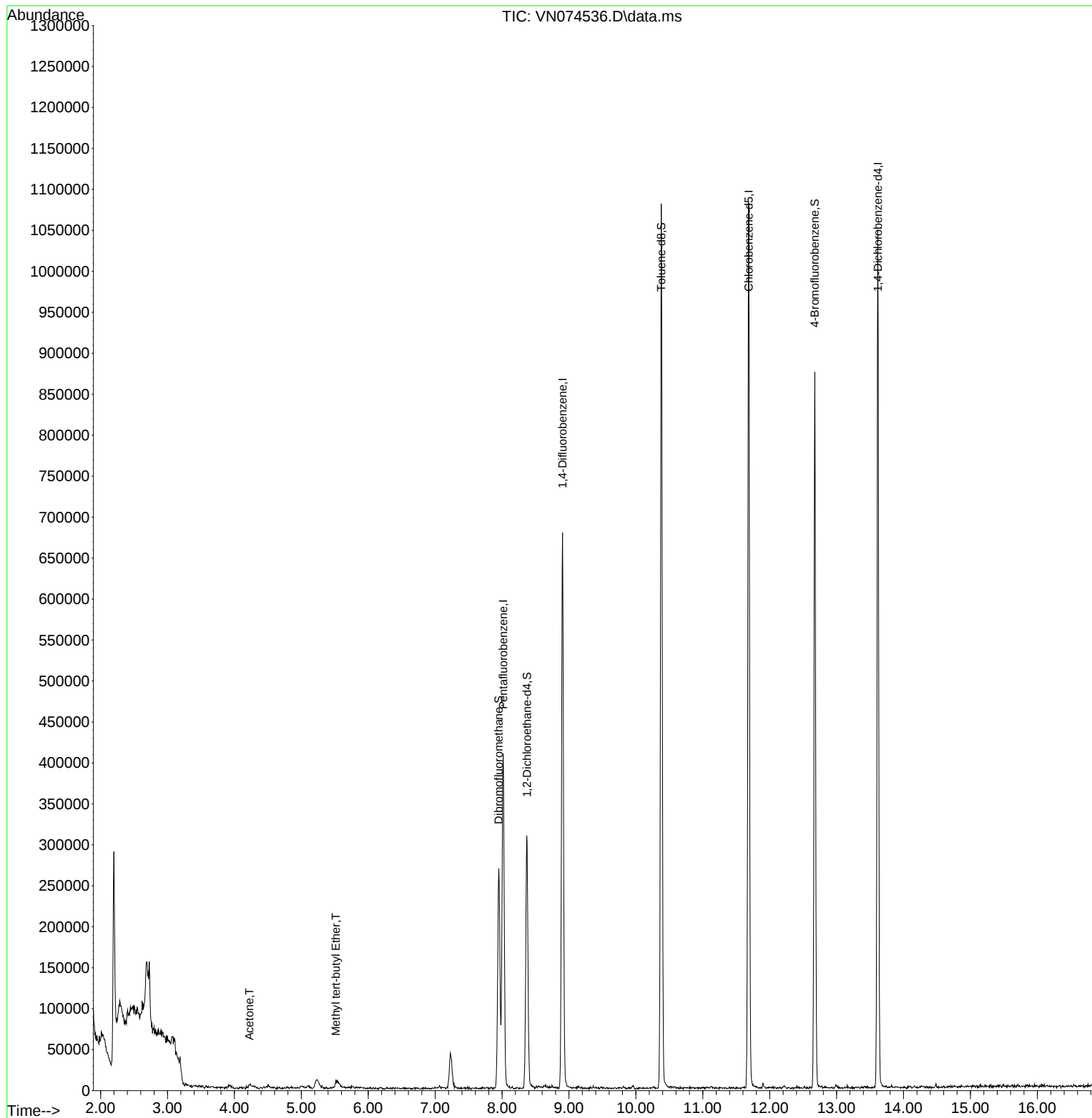
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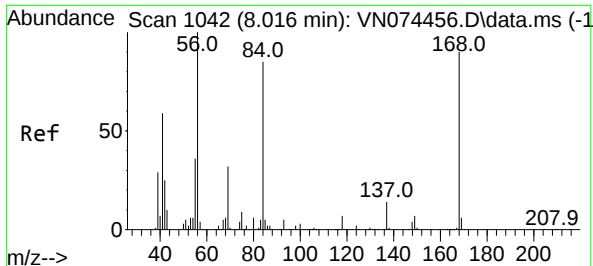
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Quant Time: Sep 17 06:18:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
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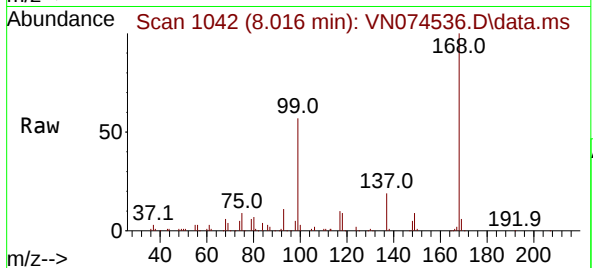
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31

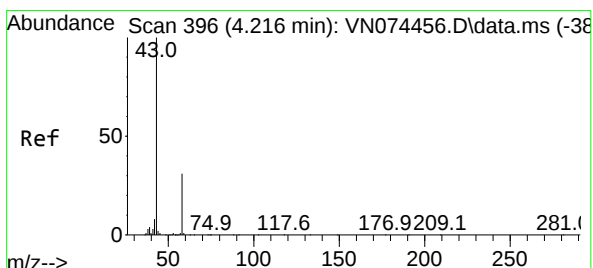
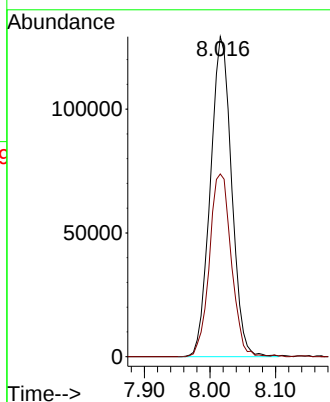
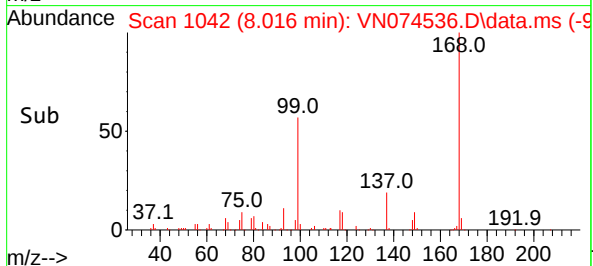
Instrument :
MSVOA_N
ClientSampleId :
MW-52



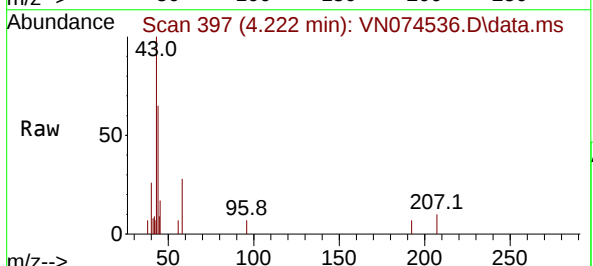
Tgt Ion:168 Resp: 29103
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5

Manual Integrations
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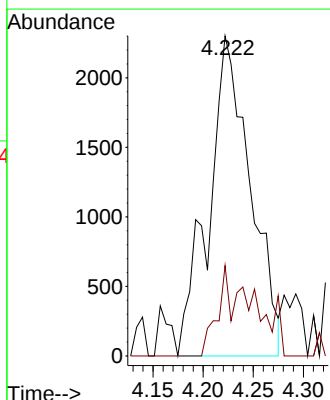
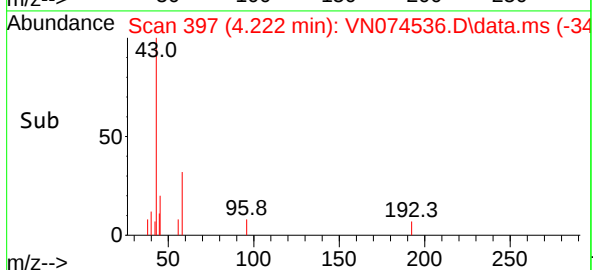
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

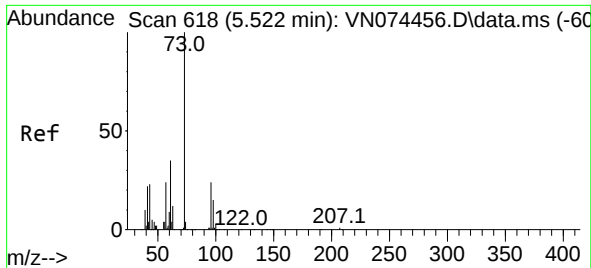


#16
Acetone
Concen: 2.110 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31



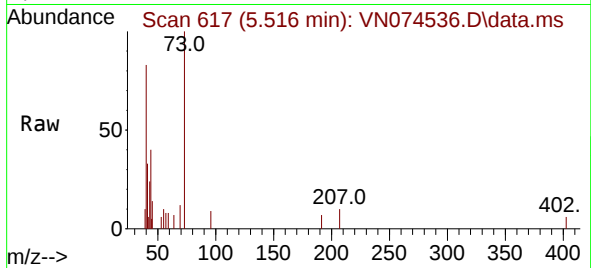
Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
58 28.2 26.0 39.0





#19
Methyl tert-butyl Ether
Concen: 0.567 ug/l m
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31

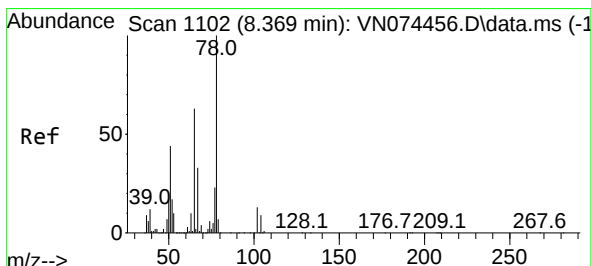
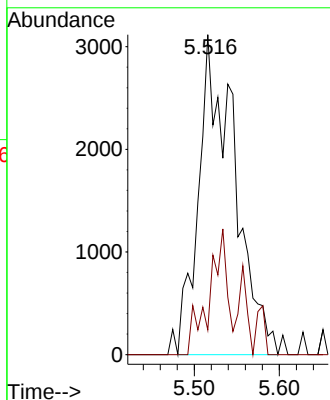
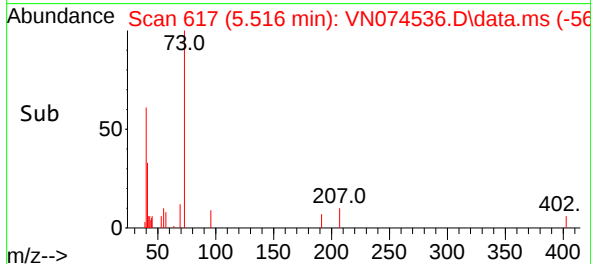
Instrument :
MSVOA_N
ClientSampleId :
MW-52



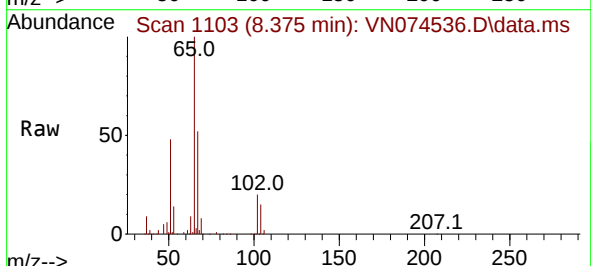
Tgt Ion: 73 Resp: 9150
Ion Ratio Lower Upper
73 100
57 7.7 17.6 26.4

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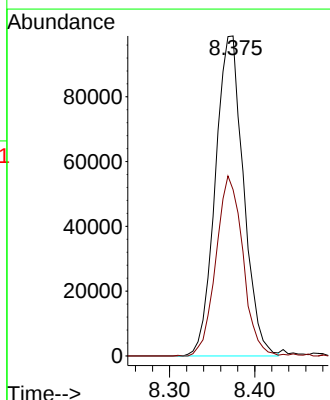
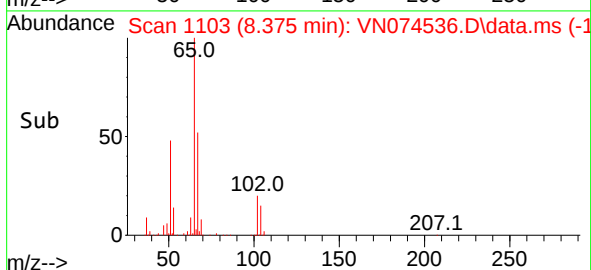
Reviewed By :John Carlone 09/17/2022
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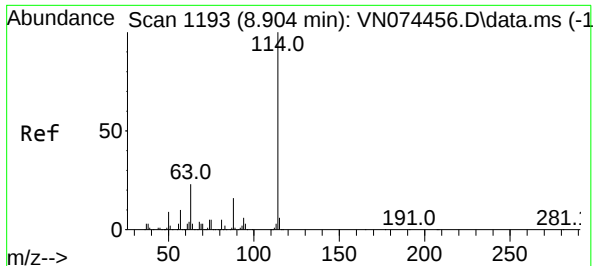


#33
1,2-Dichloroethane-d4
Concen: 46.027 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31



Tgt Ion: 65 Resp: 227281
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074536.D

Acq: 17 Sep 2022 02:31

Instrument :

MSVOA_N

ClientSampleId :

MW-52

Tgt Ion:114 Resp: 554700

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

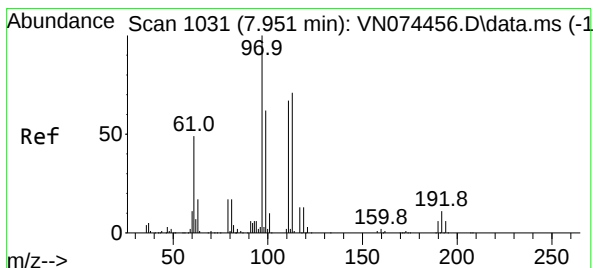
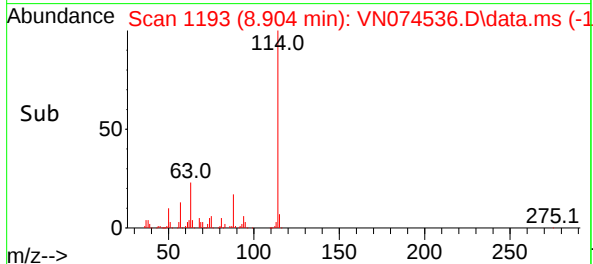
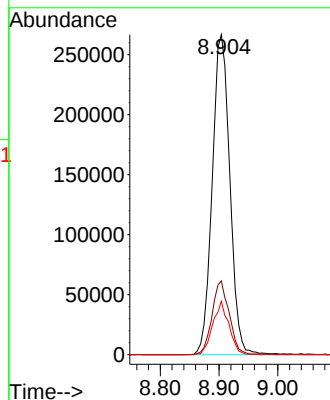
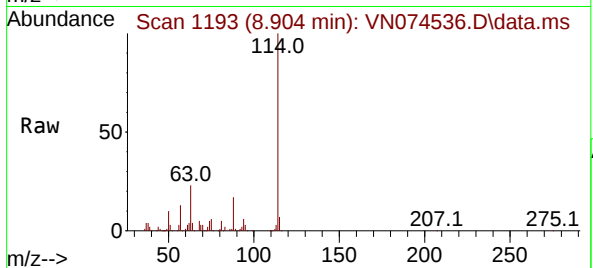
88 16.7 0.0 32.6

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#35

Dibromofluoromethane

Concen: 50.923 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074536.D

Acq: 17 Sep 2022 02:31

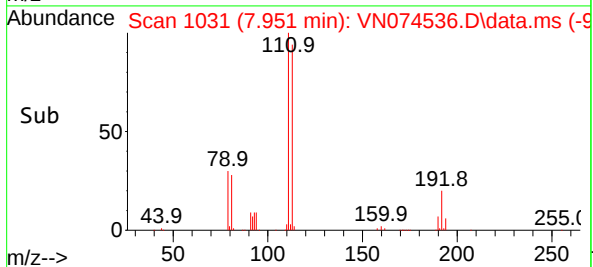
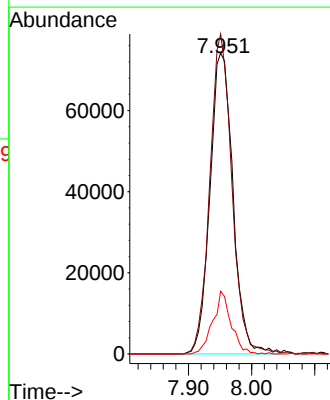
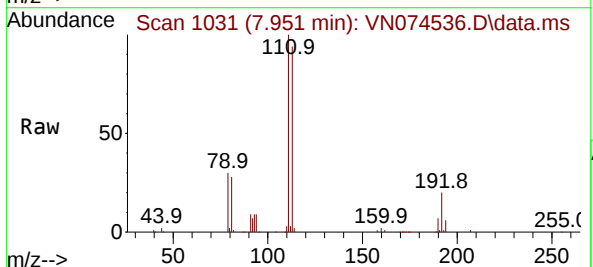
Tgt Ion:113 Resp: 187640

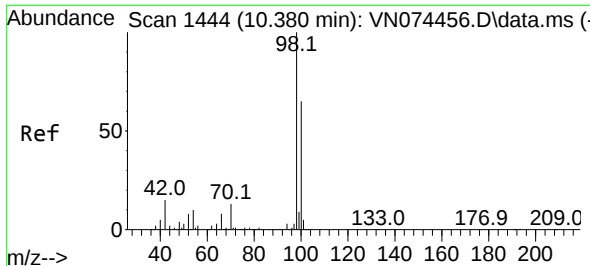
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

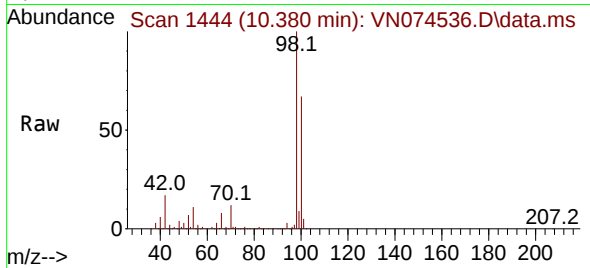
192 16.5 17.0 25.6#





#50
Toluene-d8
Concen: 47.741 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31

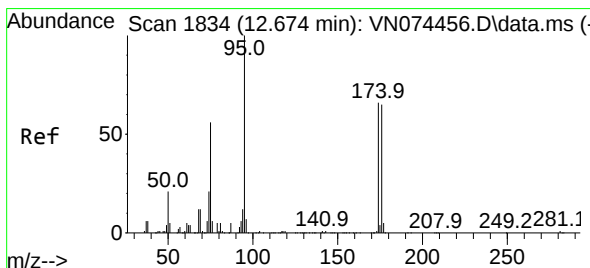
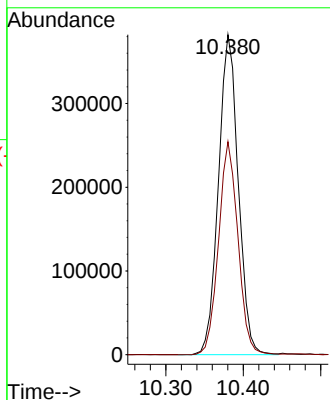
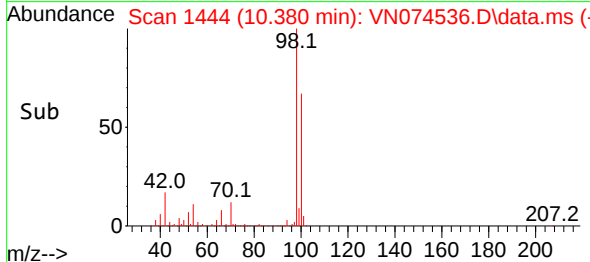
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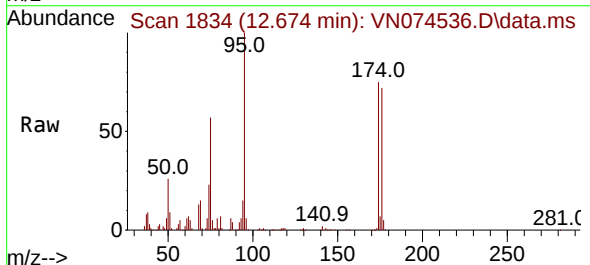
Tgt Ion: 98 Resp: 68033
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

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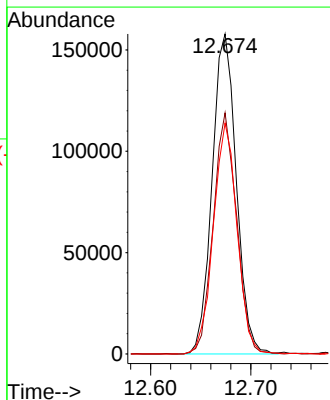
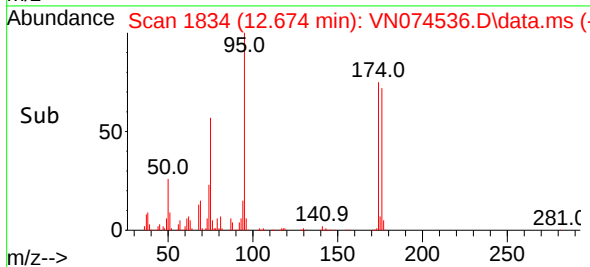
Reviewed By :John Carlone 09/17/2022
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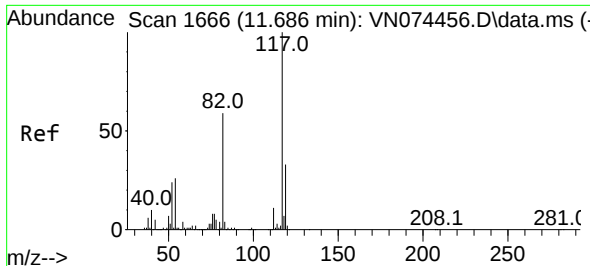


#62
4-Bromofluorobenzene
Concen: 54.179 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31



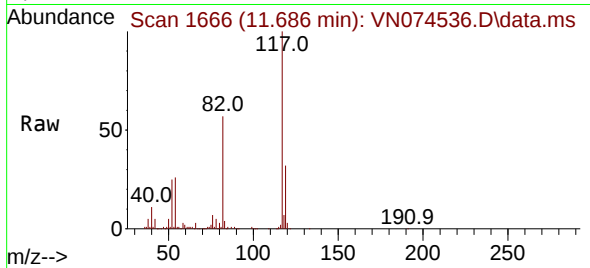
Tgt Ion: 95 Resp: 264432
Ion Ratio Lower Upper
95 100
174 72.8 0.0 167.6
176 70.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31

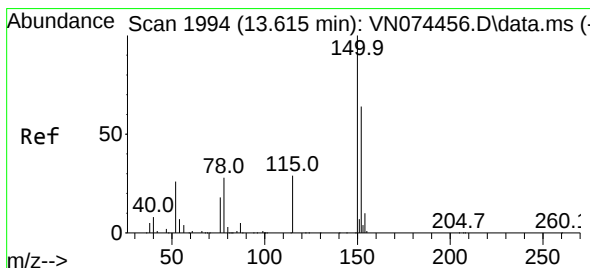
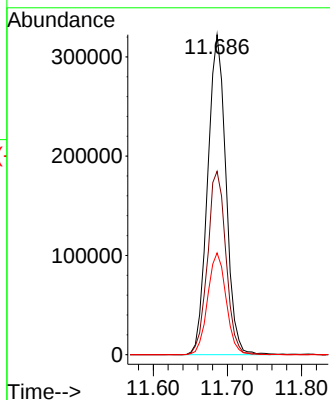
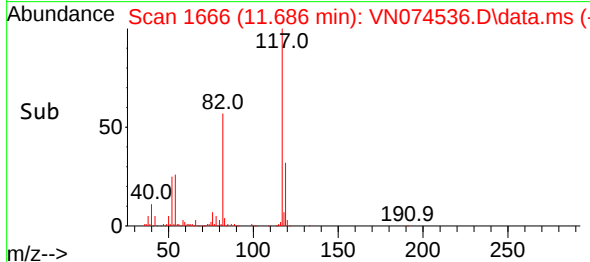
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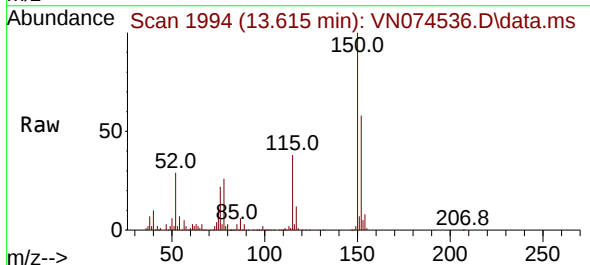
Tgt Ion:117 Resp: 552312
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074536.D
Acq: 17 Sep 2022 02:31



Tgt Ion:152 Resp: 241585
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 161.4 0.0 356.2

