

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074607.D
 Acq On : 21 Sep 2022 12:35
 Operator : JC\MD
 Sample : N4645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-08

Quant Time: Sep 22 06:57:11 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	340968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	672521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	638354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	254289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	265631	45.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.820%		
35) Dibromofluoromethane	7.951	113	213424	47.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.540%		
50) Toluene-d8	10.380	98	781732	45.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.500%		
62) 4-Bromofluorobenzene	12.674	95	284115	48.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.020%		
Target Compounds						
19) Methyl tert-butyl Ether	5.510	73	19969m	1.055	ug/l	Qvalue

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

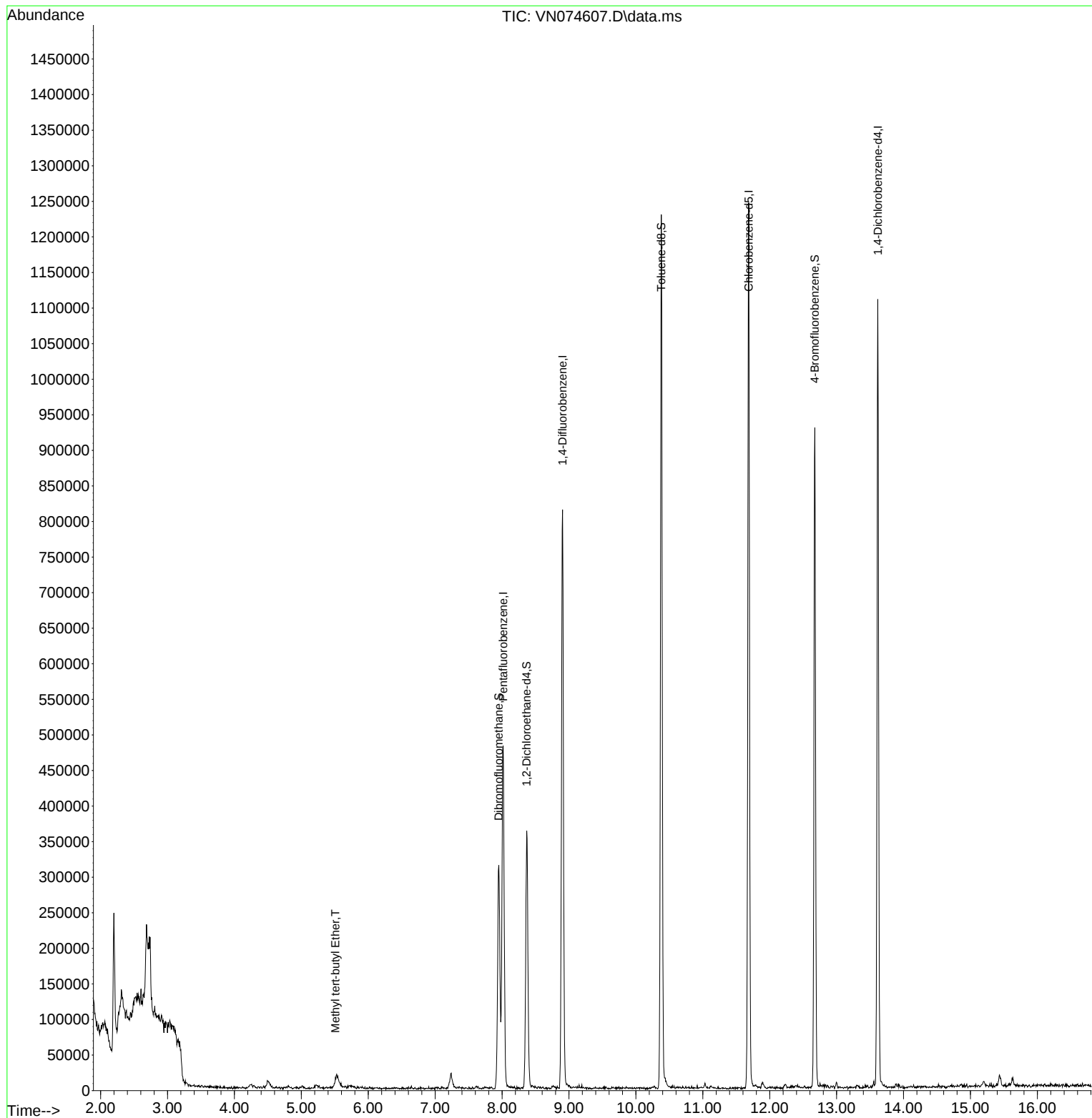
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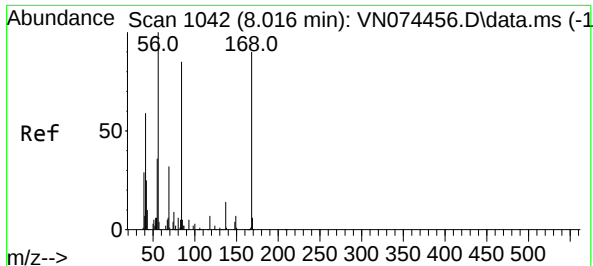
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Quant Time: Sep 22 06:57:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
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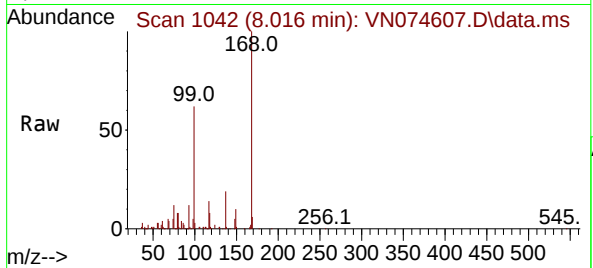
Reviewed By : John Carlone 09/22/2022
Supervised By : Mahesh Dadoda 09/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074607.D
Acq: 21 Sep 2022 12:35

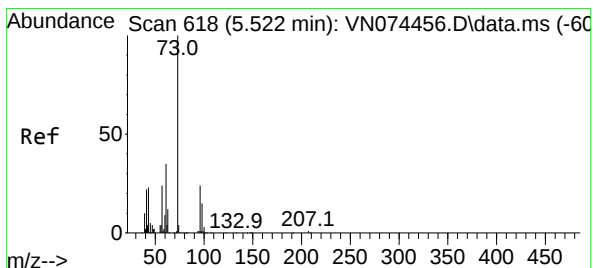
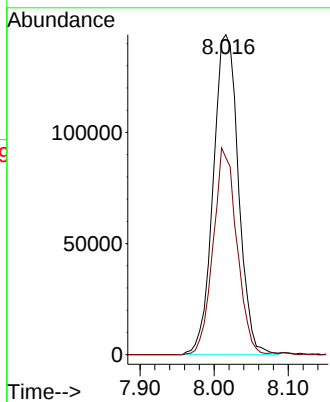
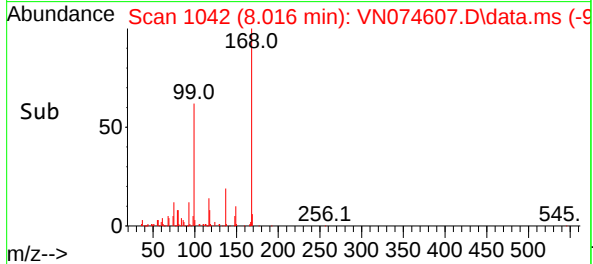
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08



Tgt Ion:168 Resp: 340968
Ion Ratio Lower Upper
168 100
99 61.5 42.3 63.5

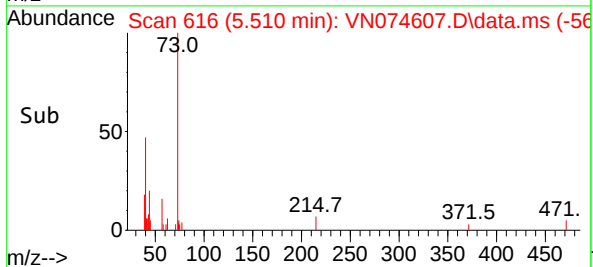
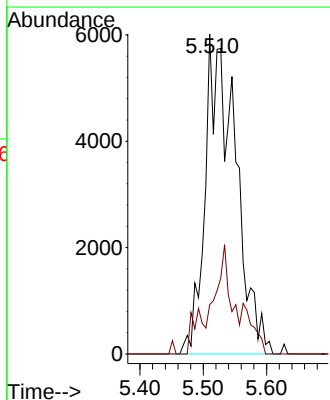
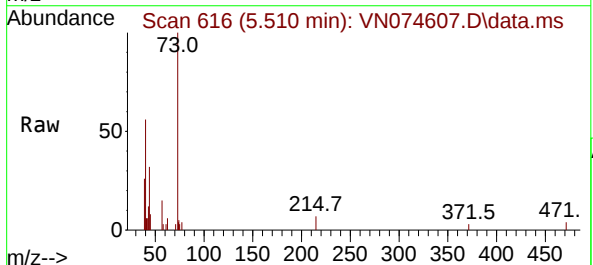
Manual Integrations
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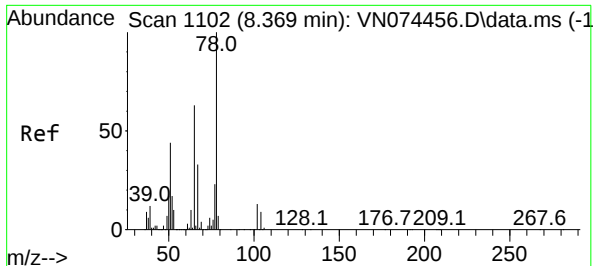
Reviewed By :John Carlone 09/22/2022
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#19
Methyl tert-butyl Ether
Concen: 1.055 ug/l m
RT: 5.510 min Scan# 616
Delta R.T. -0.012 min
Lab File: VN074607.D
Acq: 21 Sep 2022 12:35

Tgt Ion: 73 Resp: 19969
Ion Ratio Lower Upper
73 100
57 15.4 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 45.914 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074607.D

Acq: 21 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-08

Tgt Ion: 65 Resp: 26563

Ion Ratio Lower Upper

65 100

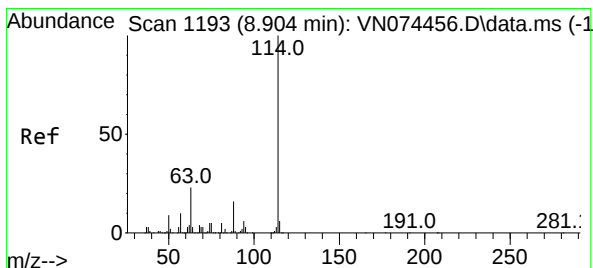
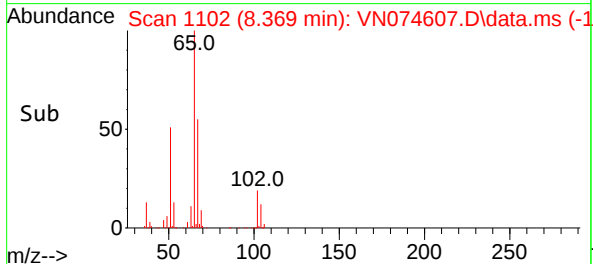
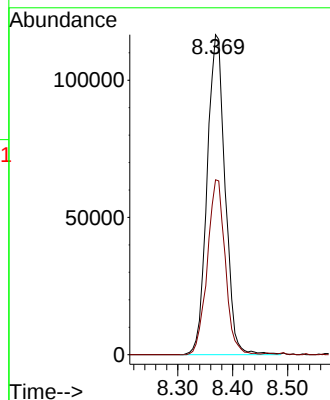
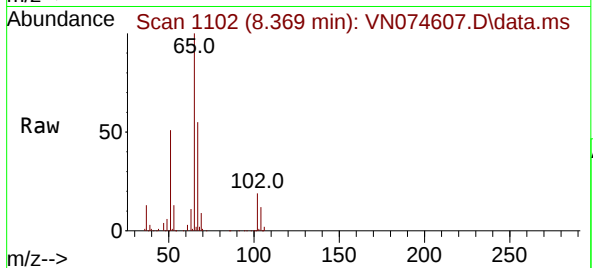
67 54.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074607.D

Acq: 21 Sep 2022 12:35

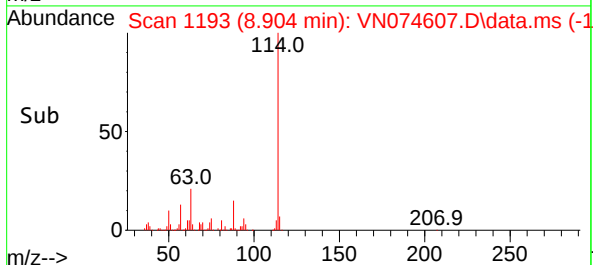
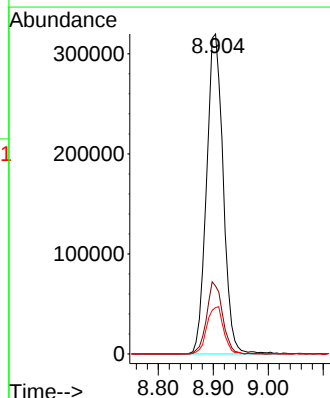
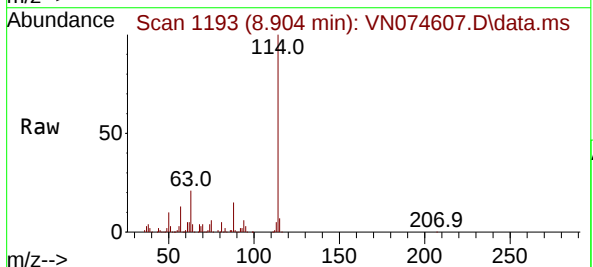
Tgt Ion:114 Resp: 672521

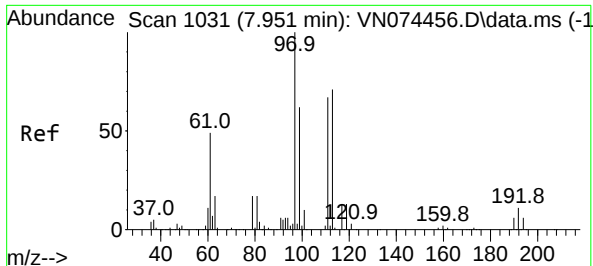
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.773 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074607.D

Acq: 21 Sep 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-08

Tgt Ion: 113 Resp: 213424

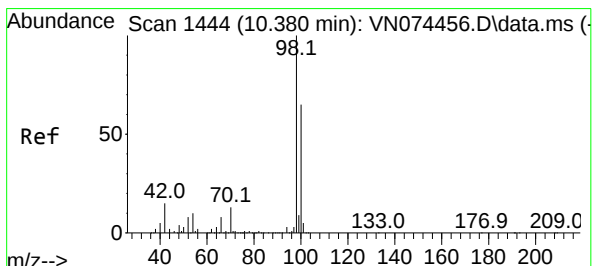
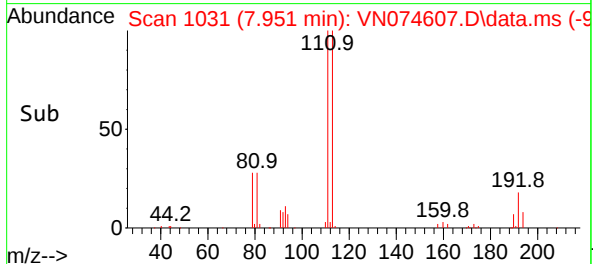
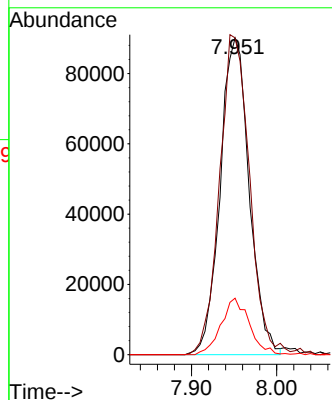
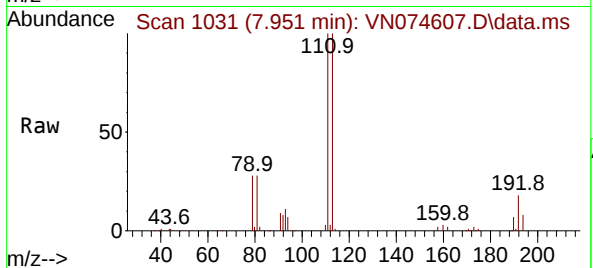
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	17.4	17.0	25.6

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#50

Toluene-d8

Concen: 45.246 ug/l

RT: 10.380 min Scan# 1444

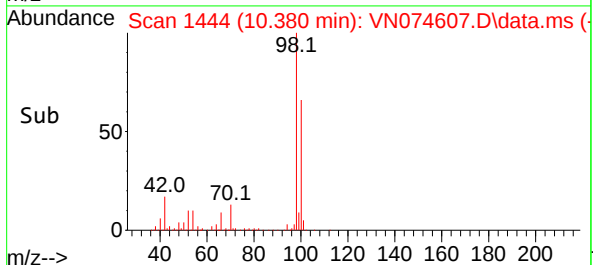
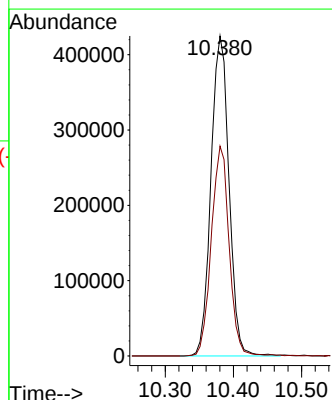
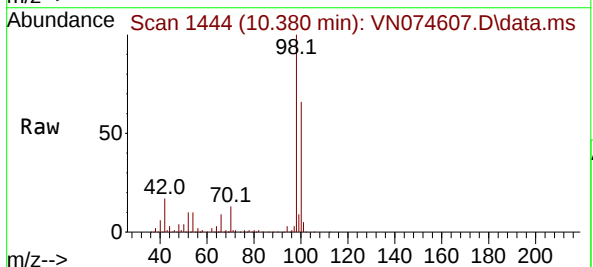
Delta R.T. 0.000 min

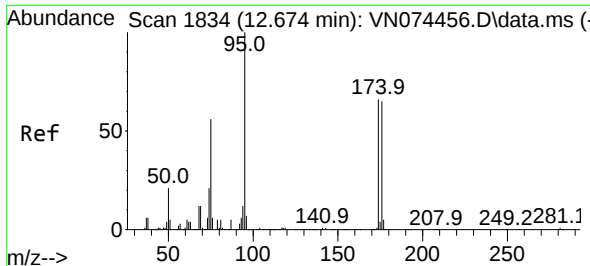
Lab File: VN074607.D

Acq: 21 Sep 2022 12:35

Tgt Ion: 98 Resp: 781732

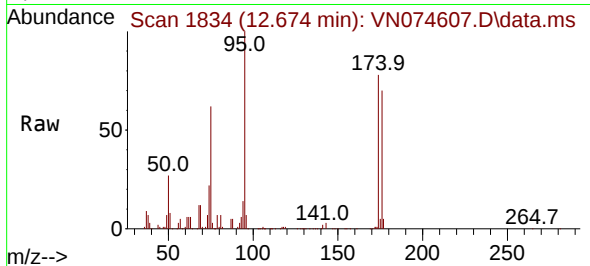
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8





#62
4-Bromofluorobenzene
Concen: 48.014 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074607.D
Acq: 21 Sep 2022 12:35

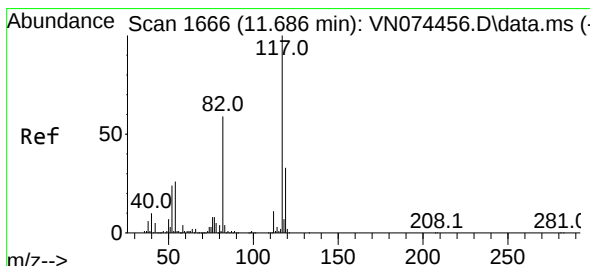
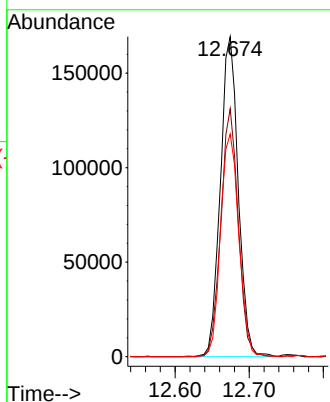
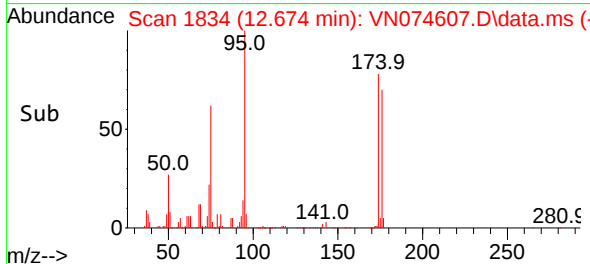
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08



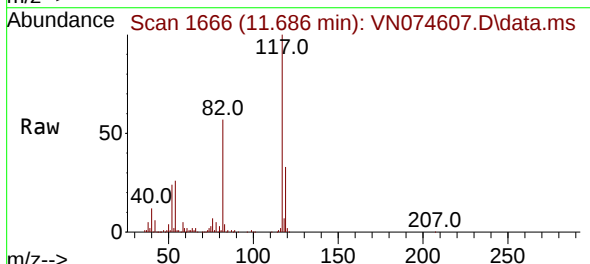
Tgt Ion: 95 Resp: 28411
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 71.2 0.0 163.4

Manual Integrations
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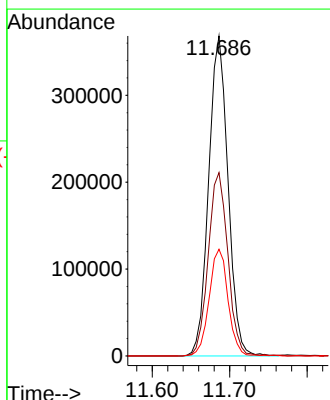
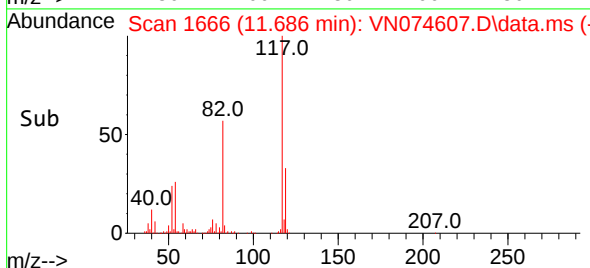
Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

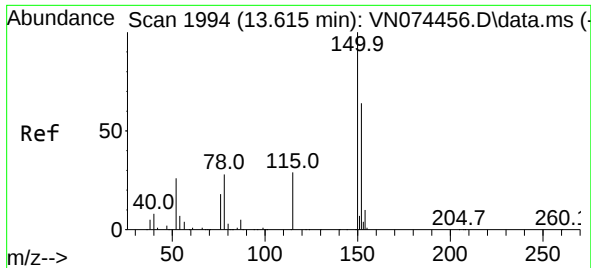


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074607.D
Acq: 21 Sep 2022 12:35



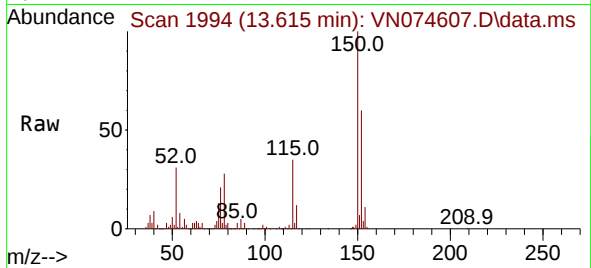
Tgt Ion:117 Resp: 638354
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 33.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074607.D
 Acq: 21 Sep 2022 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-08



Tgt Ion:152 Resp: 254289
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.9 86.7
 150 159.8 0.0 356.2

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