

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074559.D
 Acq On : 17 Sep 2022 16:29
 Operator : JC\MD
 Sample : N4549-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB090822

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 02:56:42 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	261412	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	514043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	507208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	221183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205769	46.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.780%		
35) Dibromofluoromethane	7.951	113	172577	50.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	10.380	98	638429	48.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.674	95	237983	52.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.240%		
Target Compounds						Qvalue
16) Acetone	4.222	43	5588	1.969	ug/l	90
25) 2-Butanone	7.245	43	7864m	1.669	ug/l	

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

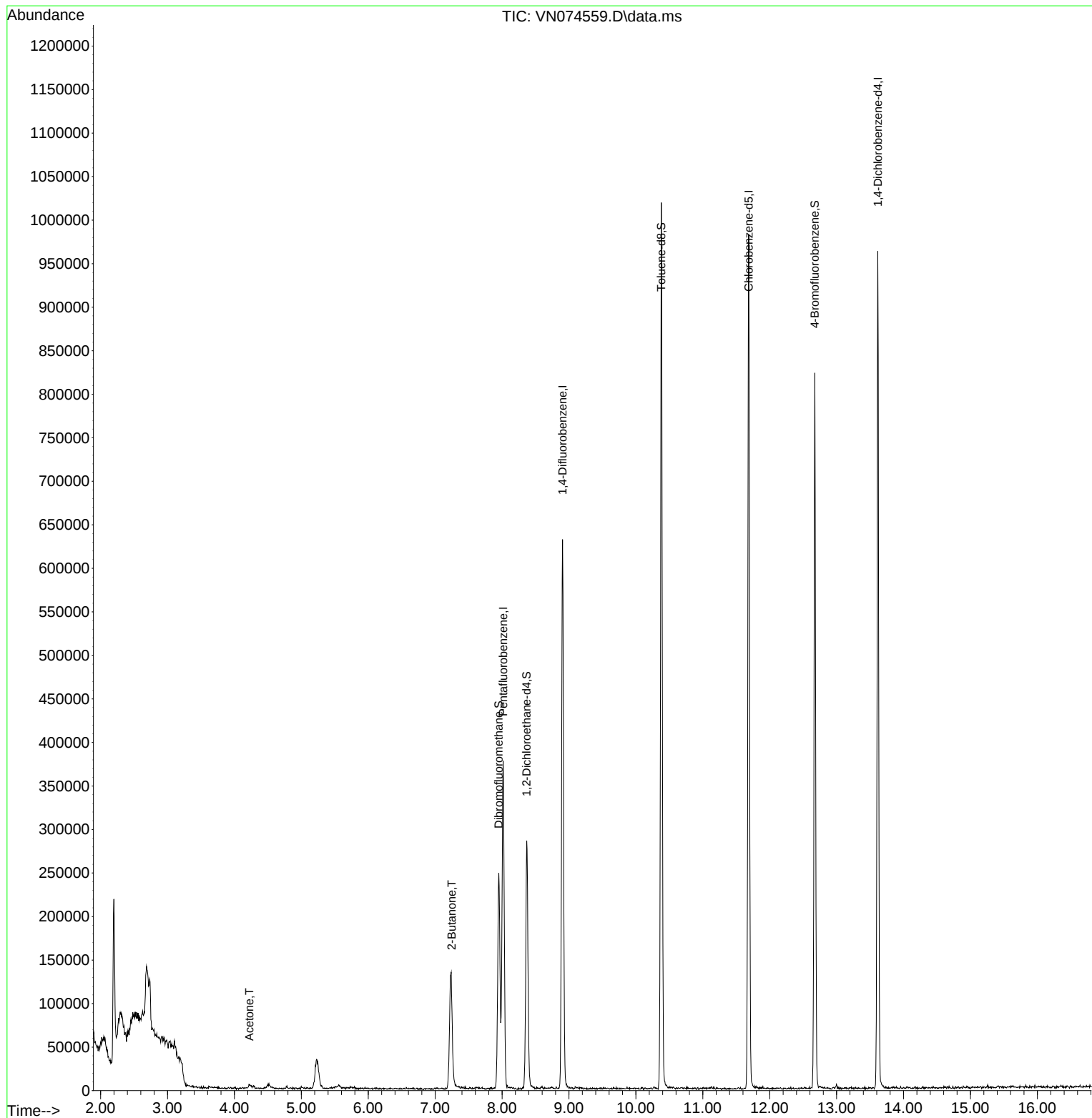
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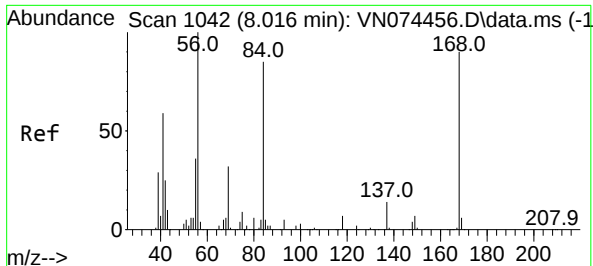
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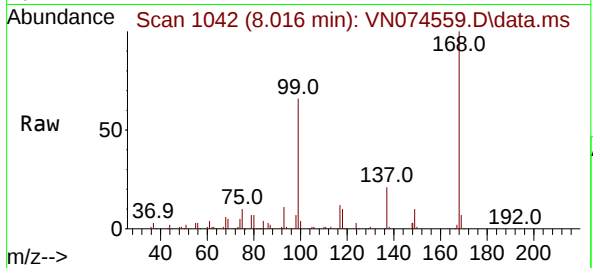
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

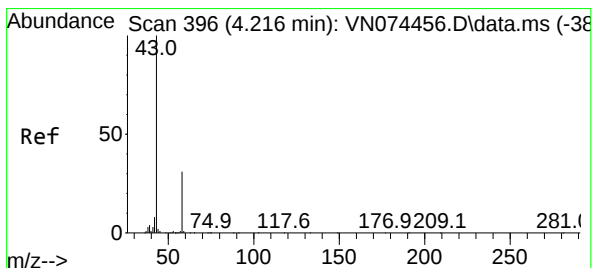
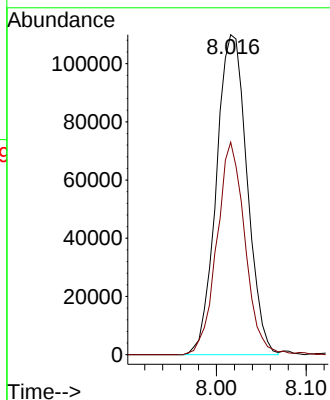
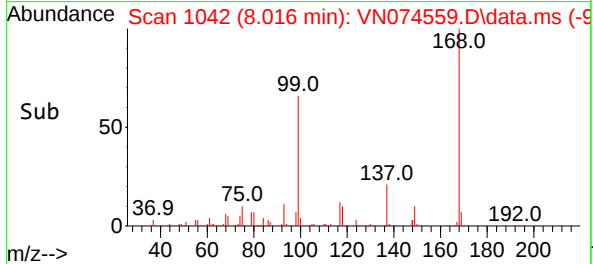
Instrument :
MSVOA_N
ClientSampleId :
FB090822



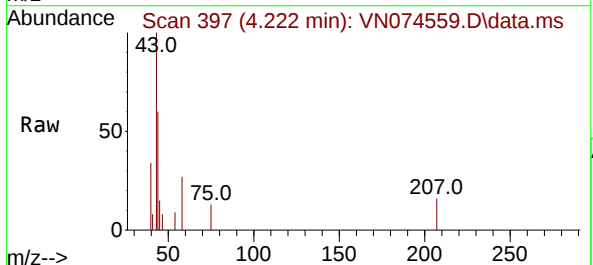
Tgt Ion:168 Resp: 261412
Ion Ratio Lower Upper
168 100
99 66.4 42.3 63.5

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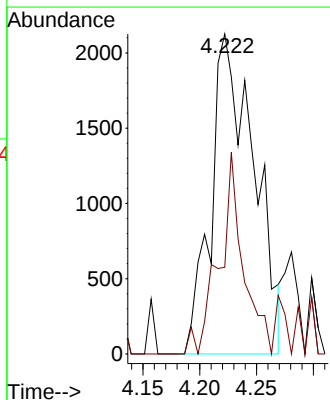
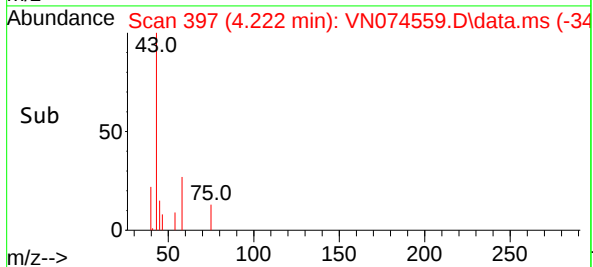
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

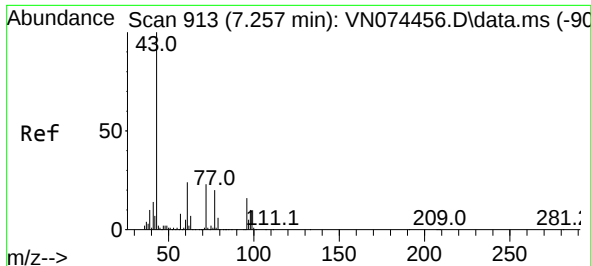


#16
Acetone
Concen: 1.969 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29



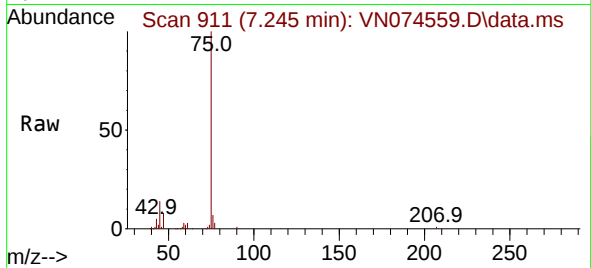
Tgt Ion: 43 Resp: 5588
Ion Ratio Lower Upper
43 100
58 27.1 26.0 39.0





#25
2-Butanone
Concen: 1.669 ug/l m
RT: 7.245 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

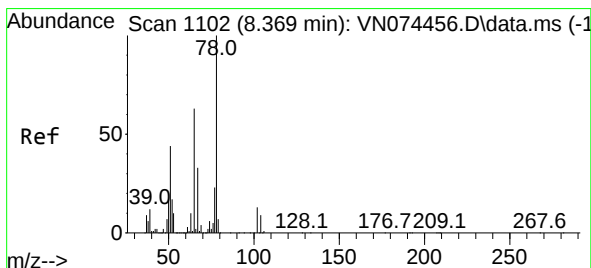
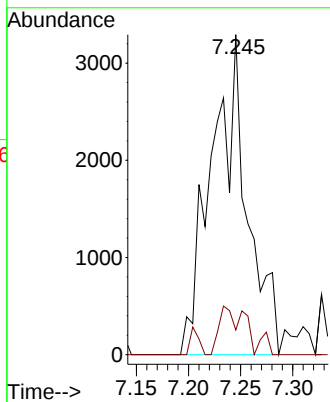
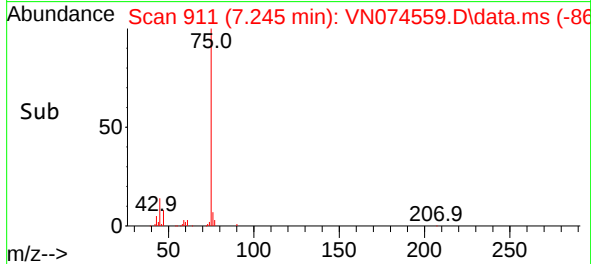
Instrument :
MSVOA_N
ClientSampleId :
FB090822



Tgt Ion: 43 Resp: 7864
Ion Ratio Lower Upper
43 100
72 7.7 23.7 35.5

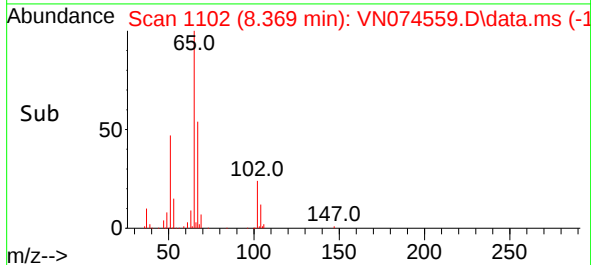
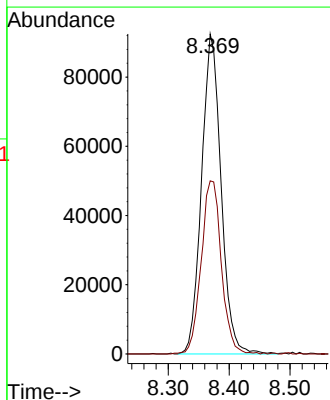
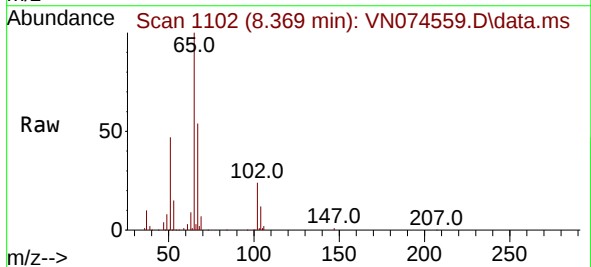
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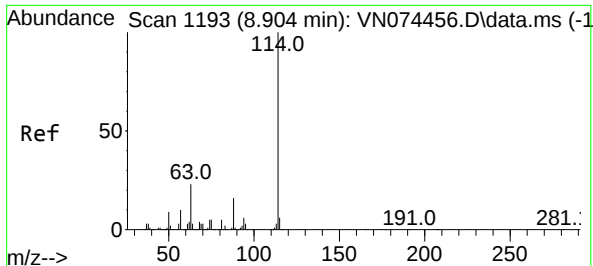
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#33
1,2-Dichloroethane-d4
Concen: 46.392 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

Tgt Ion: 65 Resp: 205769
Ion Ratio Lower Upper
65 100
67 56.0 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: VN074559.D

Acq: 17 Sep 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

FB090822

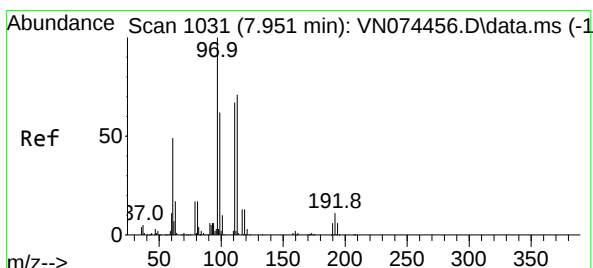
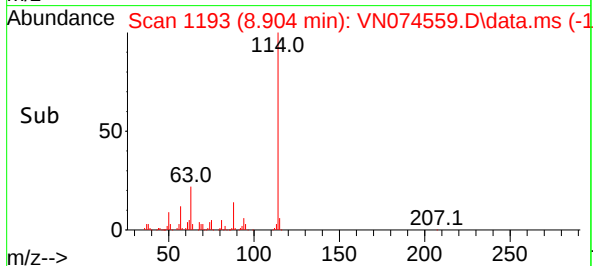
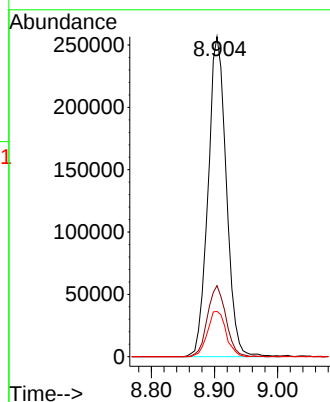
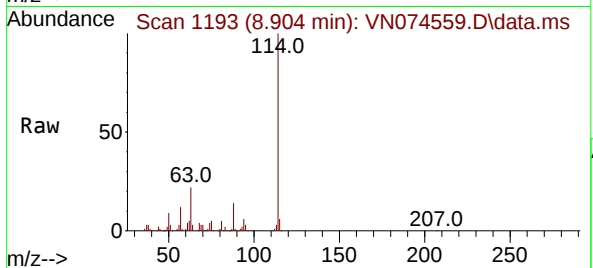
Tgt Ion:	114	Resp:	51404
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	40.0
88	14.2	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2022



#35

Dibromofluoromethane

Concen: 50.540 ug/l

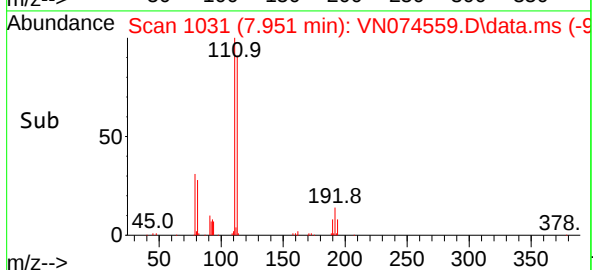
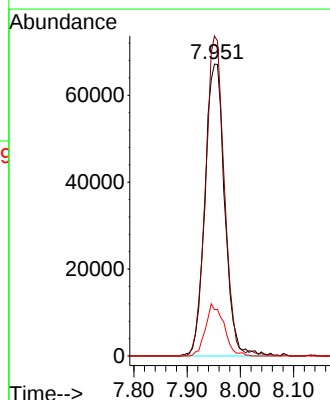
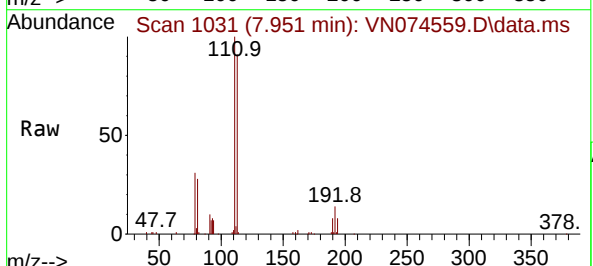
RT: 7.951 min Scan# 1031

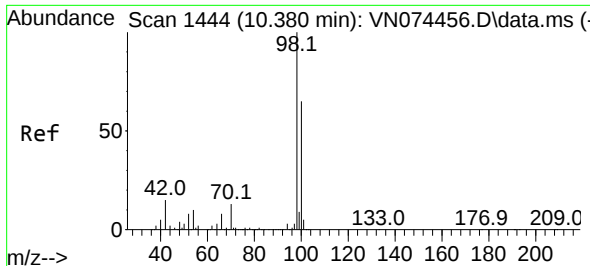
Delta R.T. 0.000 min

Lab File: VN074559.D

Acq: 17 Sep 2022 16:29

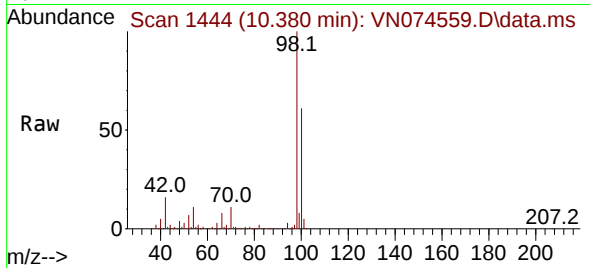
Tgt Ion:	113	Resp:	172577
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.4	122.0
192	16.7	17.0	25.6





#50
Toluene-d8
Concen: 48.344 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

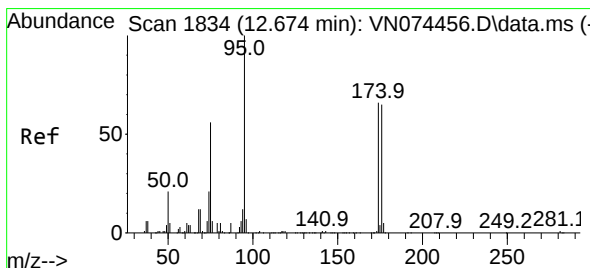
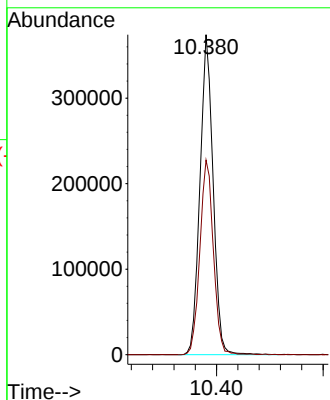
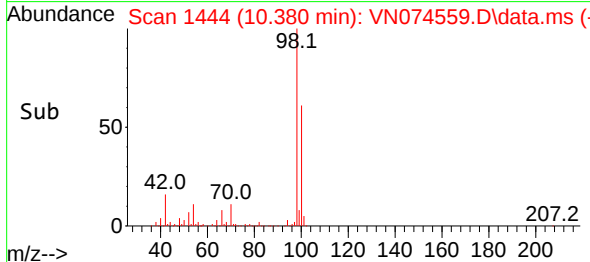
Instrument :
MSVOA_N
ClientSampleId :
FB090822



Tgt Ion: 98 Resp: 638429
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8

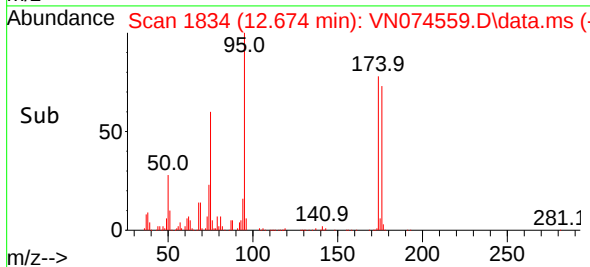
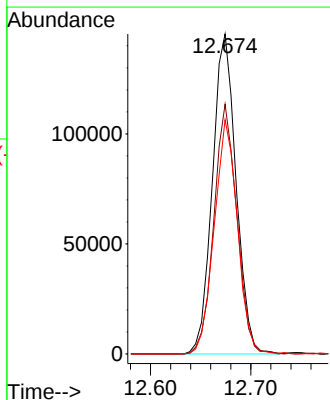
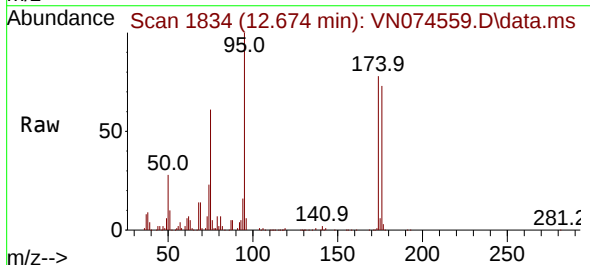
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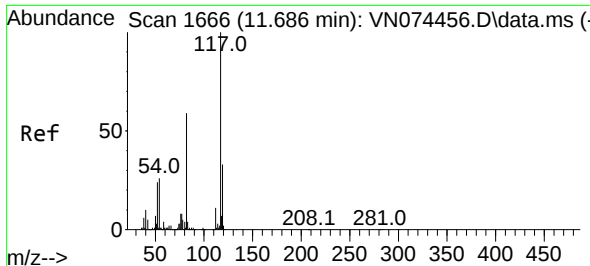
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 52.617 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

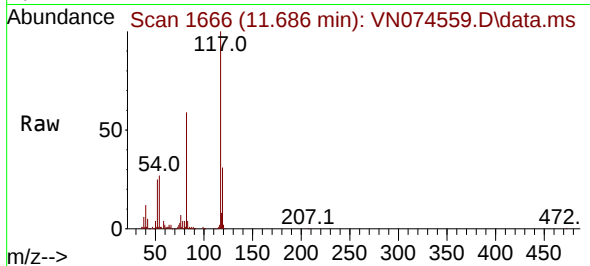
Tgt Ion: 95 Resp: 237983
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 71.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29

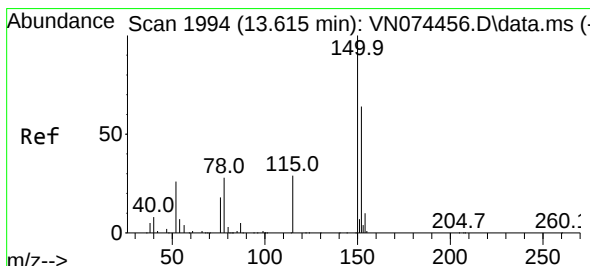
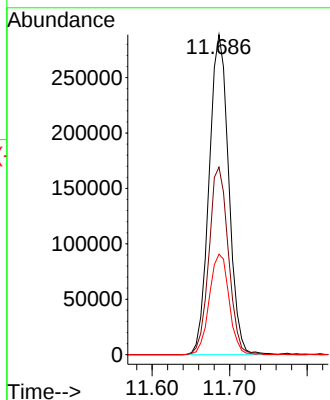
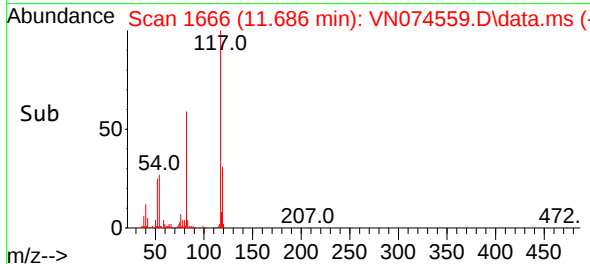
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MSVOA_N
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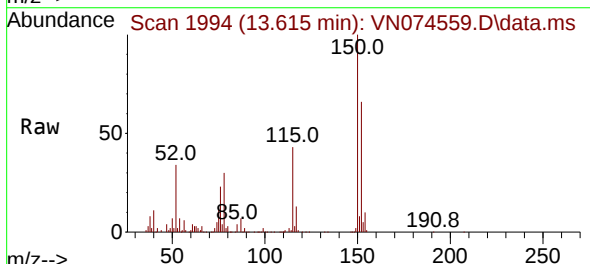
Tgt Ion:117 Resp: 507208
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 31.4 25.4 38.0

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074559.D
Acq: 17 Sep 2022 16:29



Tgt Ion:152 Resp: 221183
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 154.8 0.0 356.2

