

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074538.D
 Acq On : 17 Sep 2022 03:20
 Operator : JC\MD
 Sample : N4549-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-54

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 06:19:04 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	287945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	556695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	236466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	230837	47.248	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.500%		
35) Dibromofluoromethane	7.951	113	188176	50.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	10.380	98	705750	49.347	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.700%		
62) 4-Bromofluorobenzene	12.674	95	262308	53.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.275	59	142373	89.457	ug/l #	87
16) Acetone	4.234	43	8384m	2.682	ug/l	
19) Methyl tert-butyl Ether	5.528	73	103291	6.462	ug/l	96
22) Diisopropyl ether	6.410	45	24471	1.346	ug/l #	82

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

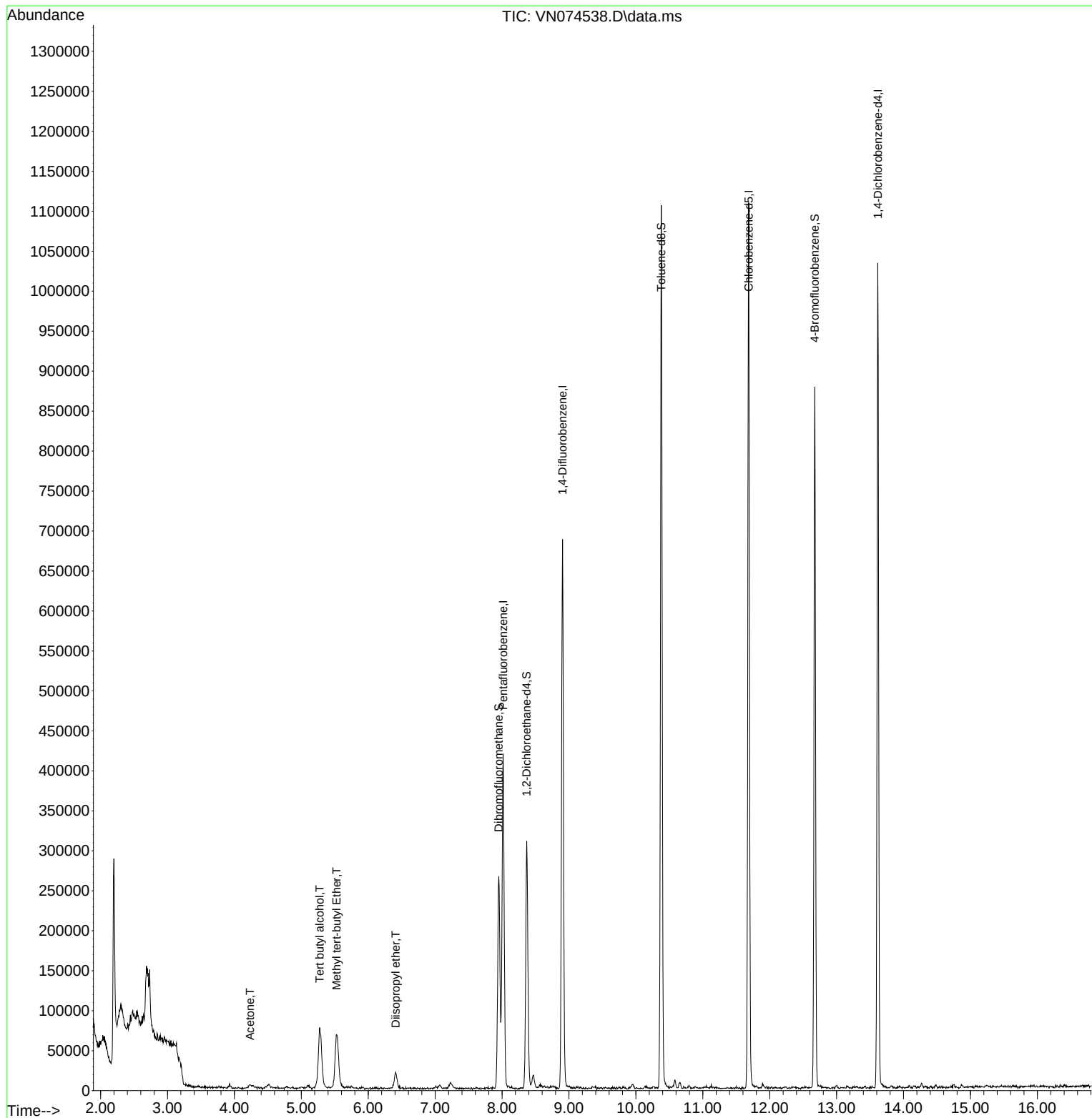
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
Data File : VN074538.D
Acq On : 17 Sep 2022 03:20
Operator : JC\MD
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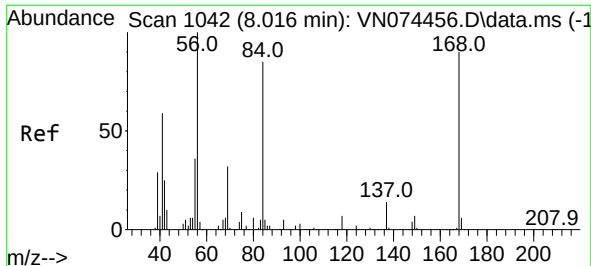
Instrument :
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MW-54

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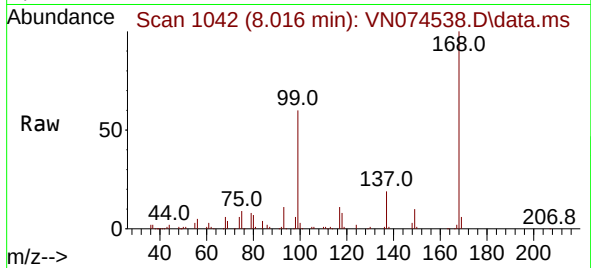
Quant Time: Sep 17 06:19:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

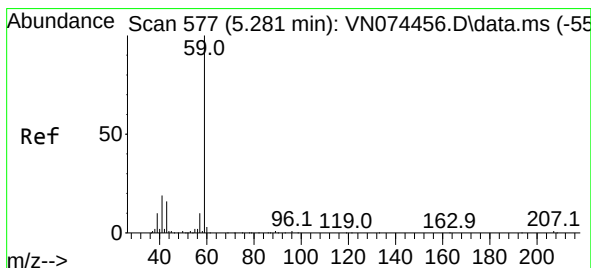
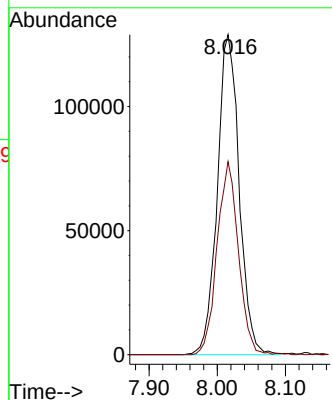
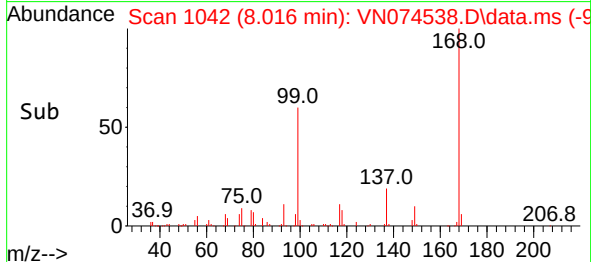
Instrument :
MSVOA_N
ClientSampleId :
MW-54



Tgt Ion:168 Resp: 287945
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5

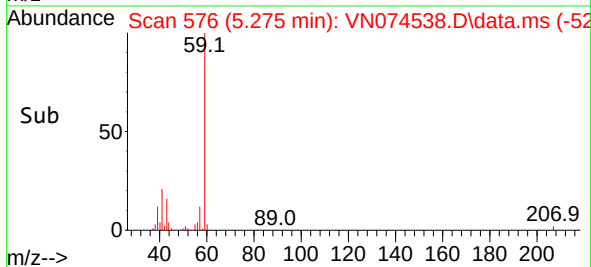
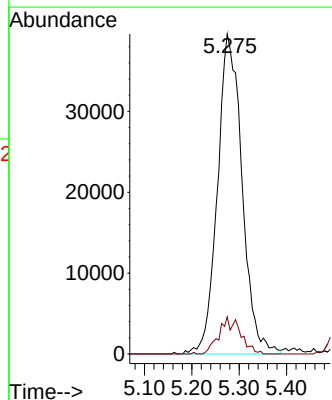
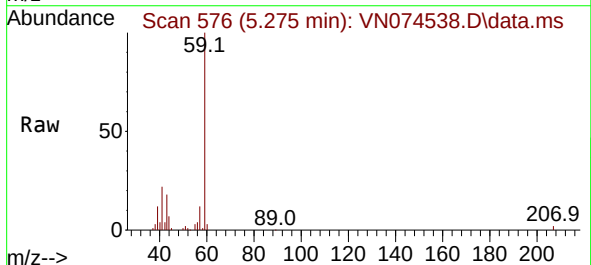
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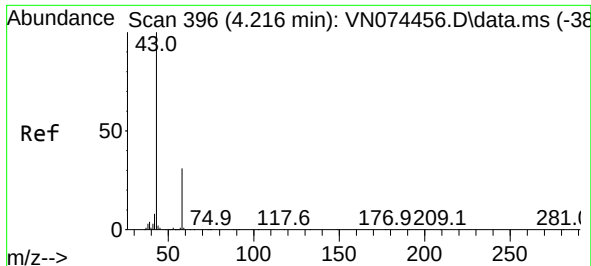
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#11
Tert butyl alcohol
Concen: 89.457 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.006 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

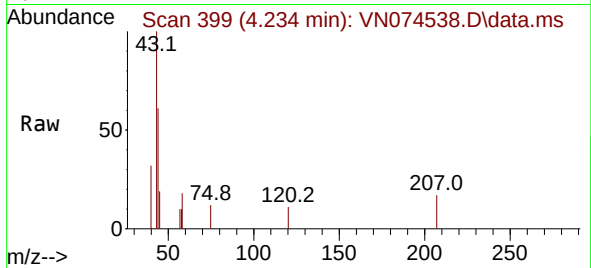
Tgt Ion: 59 Resp: 142373
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#





#16
Acetone
Concen: 2.682 ug/l m
RT: 4.234 min Scan# 396
Delta R.T. 0.018 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

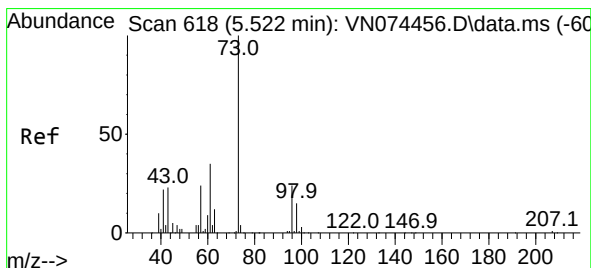
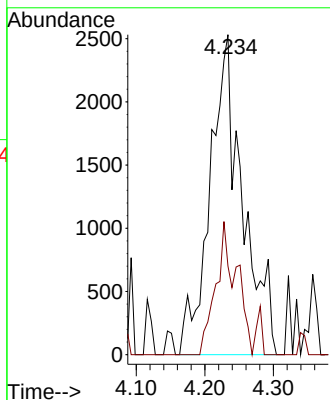
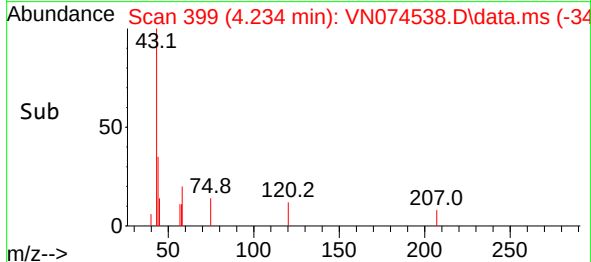
Instrument :
MSVOA_N
ClientSampleId :
MW-54



Tgt Ion: 43 Resp: 8384
Ion Ratio Lower Upper
43 100
58 17.7 26.0 39.0

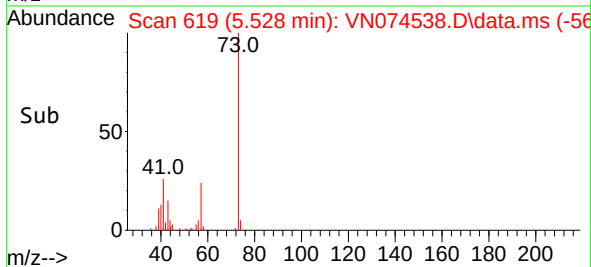
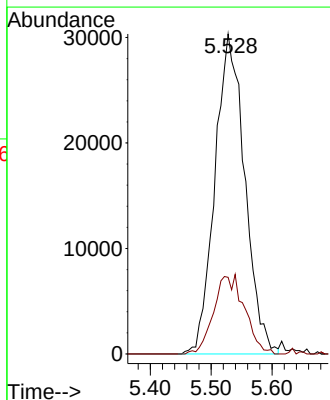
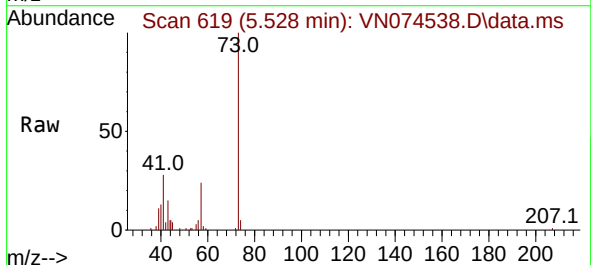
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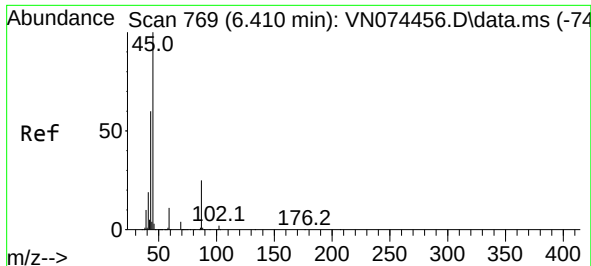
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#19
Methyl tert-butyl Ether
Concen: 6.462 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

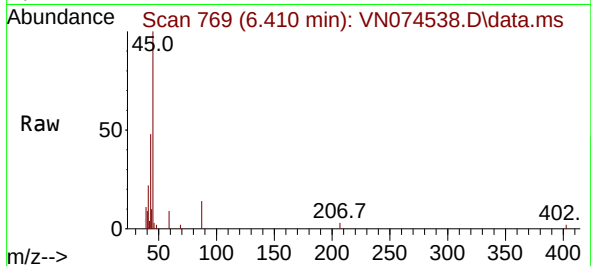
Tgt Ion: 73 Resp: 103291
Ion Ratio Lower Upper
73 100
57 24.0 17.6 26.4





#22
Diisopropyl ether
Concen: 1.346 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

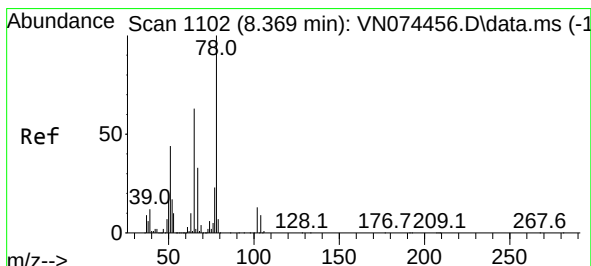
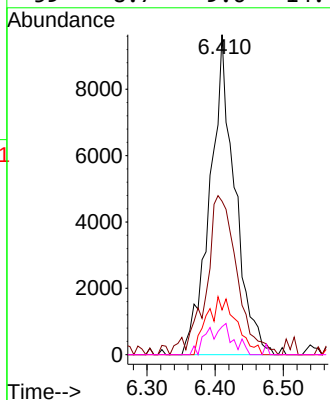
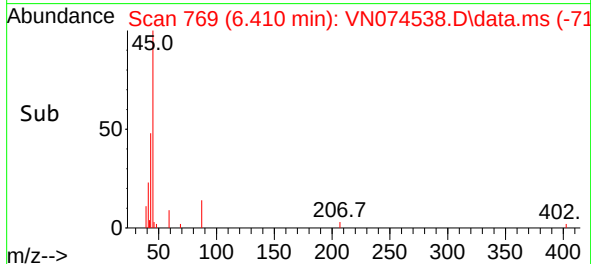
Instrument :
MSVOA_N
ClientSampleId :
MW-54



Tgt Ion	Ratio	Lower	Upper
45	100		
43	48.0	46.6	70.0
87	14.0	24.3	36.5
59	8.7	9.6	14.4

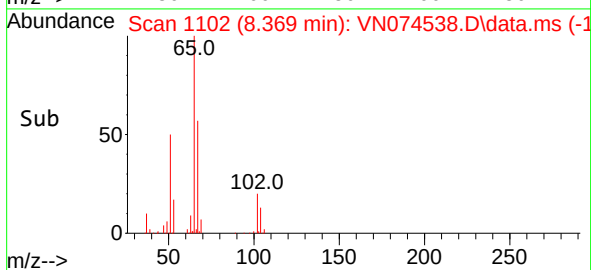
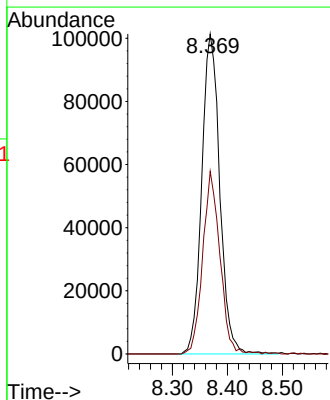
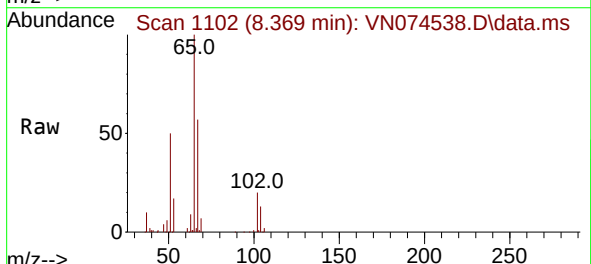
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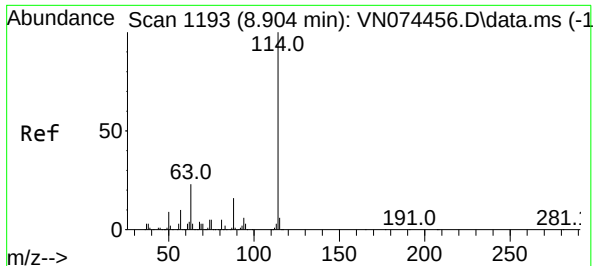
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#33
1,2-Dichloroethane-d4
Concen: 47.248 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VN074538.D

Acq: 17 Sep 2022 03:20

Instrument :

MSVOA_N

ClientSampleId :

MW-54

Tgt Ion:114 Resp: 55669

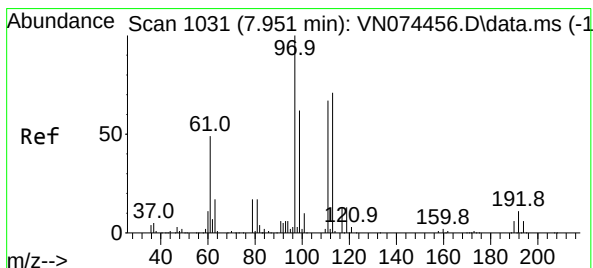
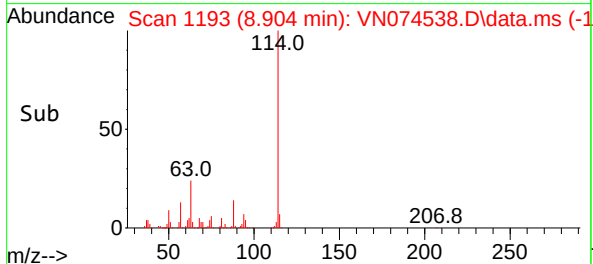
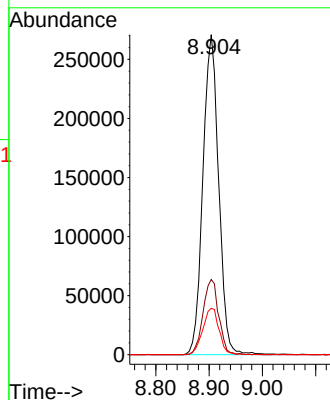
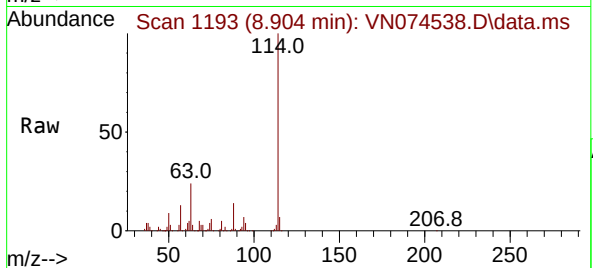
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	40.0
88	14.5	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2022



#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 7.951 min Scan# 1031

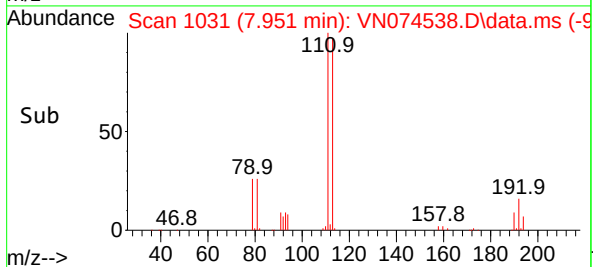
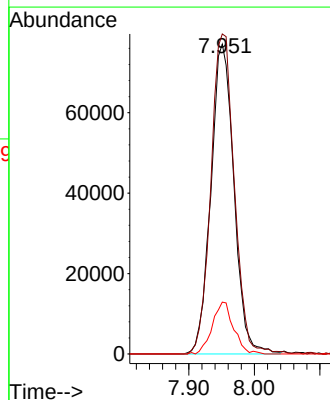
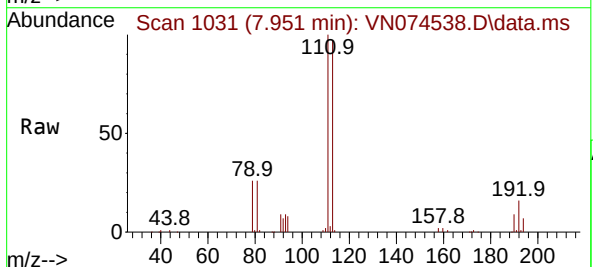
Delta R.T. 0.000 min

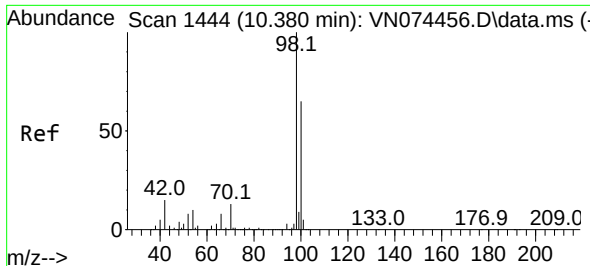
Lab File: VN074538.D

Acq: 17 Sep 2022 03:20

Tgt Ion:113 Resp: 188176

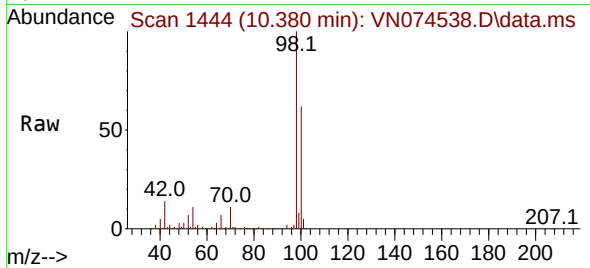
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	15.4	17.0	25.6





#50
Toluene-d8
Concen: 49.347 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

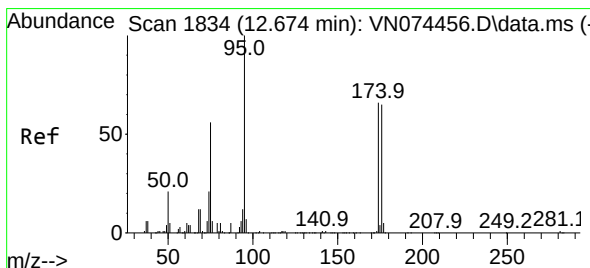
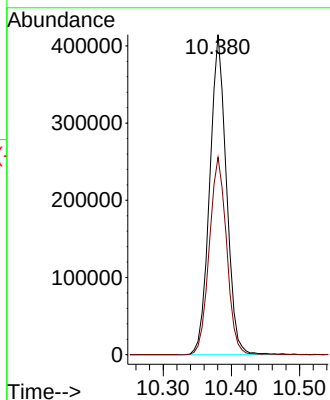
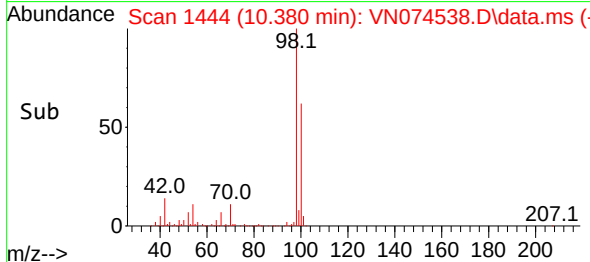
Instrument :
MSVOA_N
ClientSampleId :
MW-54



Tgt Ion: 98 Resp: 705750
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

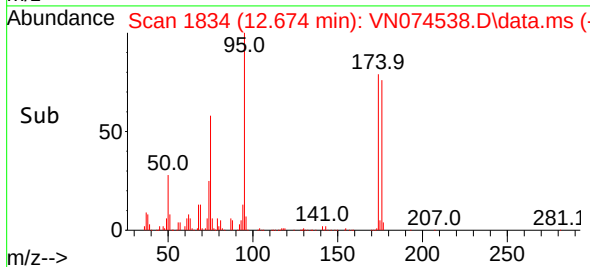
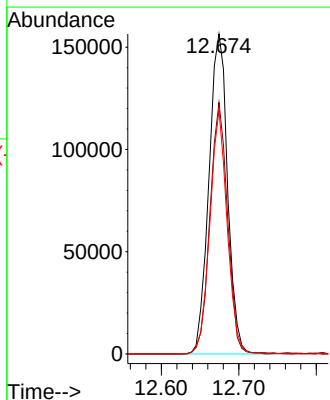
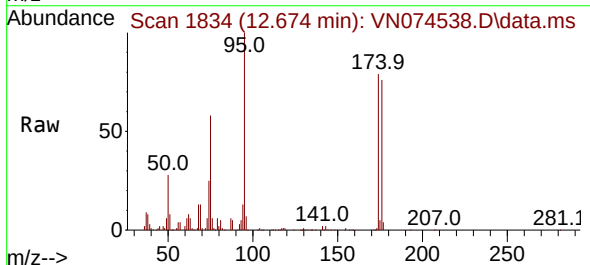
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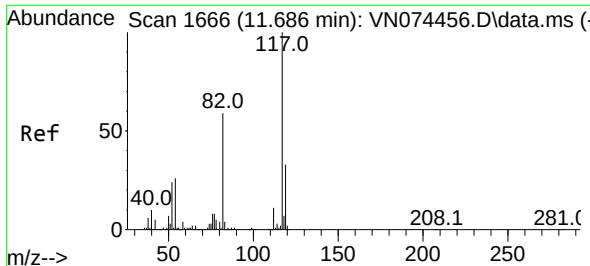
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 53.551 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

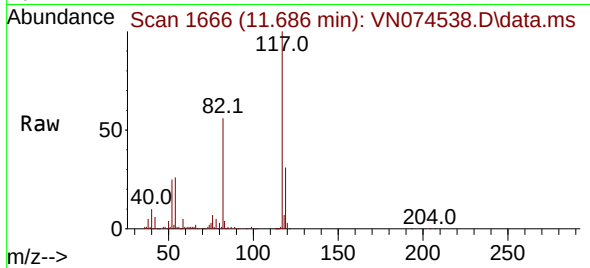
Tgt Ion: 95 Resp: 262308
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 70.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074538.D
Acq: 17 Sep 2022 03:20

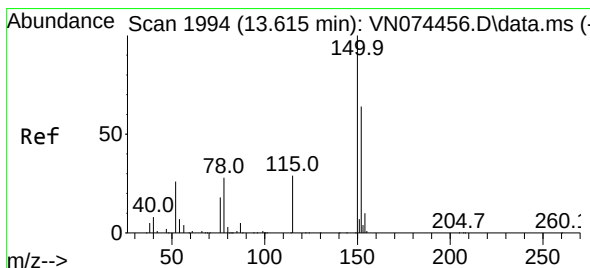
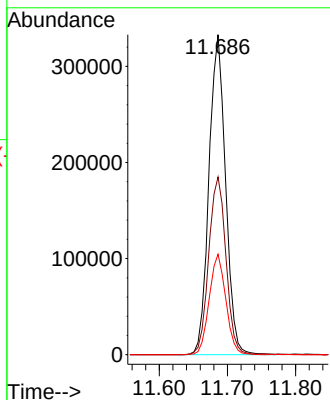
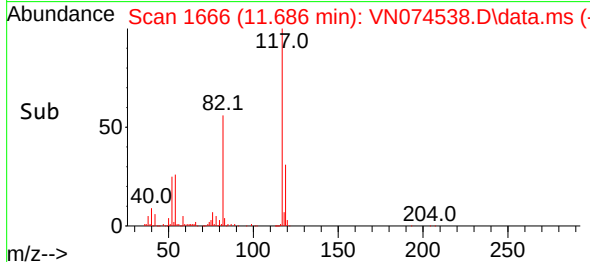
Instrument :
MSVOA_N
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MW-54



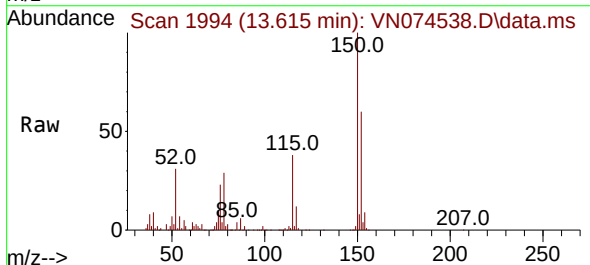
Tgt Ion:117 Resp: 564660
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.4 25.4 38.0

Manual Integrations
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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: VN074538.D
Acq: 17 Sep 2022 03:20



Tgt Ion:152 Resp: 236466
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 162.3 0.0 356.2

