

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074537.D
 Acq On : 17 Sep 2022 02:56
 Operator : JC\MD
 Sample : N4549-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-53

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 06:18:54 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	278462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	545759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	536020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	224676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221725	46.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.860%		
35) Dibromofluoromethane	7.951	113	182018	50.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.420%		
50) Toluene-d8	10.380	98	666324	47.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.040%		
62) 4-Bromofluorobenzene	12.674	95	252478	52.577	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.275	59	644535	418.770	ug/l	99
16) Acetone	4.216	43	13937m	4.610	ug/l	
19) Methyl tert-butyl Ether	5.534	73	290807	18.814	ug/l	96
22) Diisopropyl ether	6.410	45	46893	2.667	ug/l	92
31) Cyclohexane	8.028	56	12429	1.482	ug/l #	64
40) Benzene	8.386	78	46445	2.341	ug/l	99

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

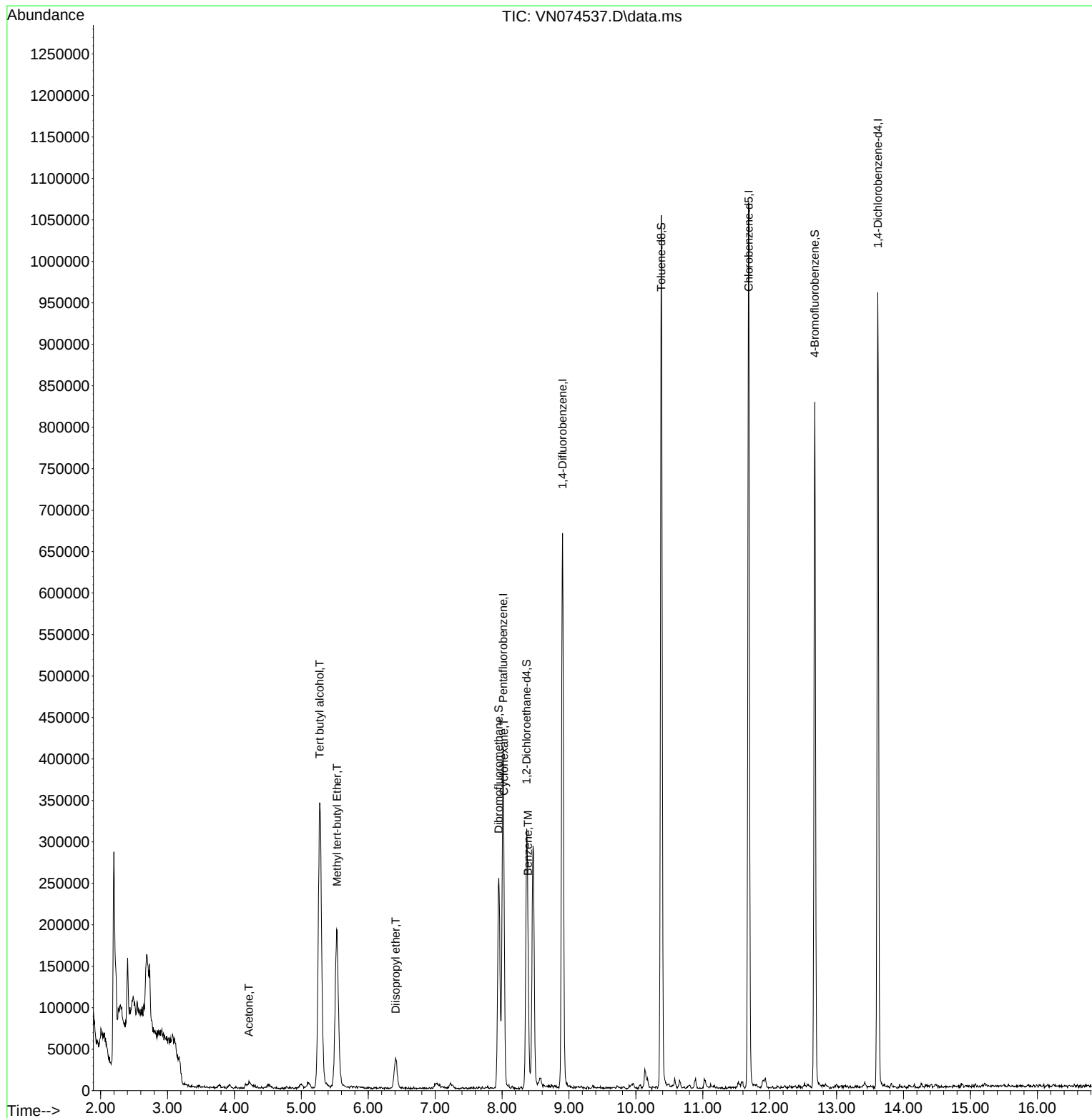
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
Data File : VN074537.D
Acq On : 17 Sep 2022 02:56
Operator : JC\MD
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ALS Vial : 43 Sample Multiplier: 1

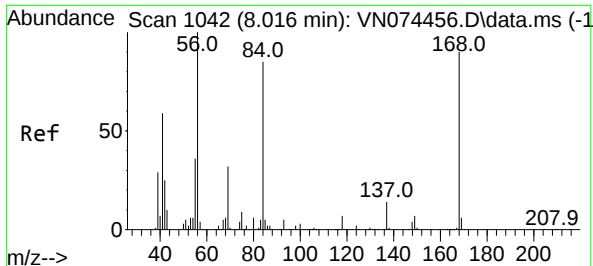
Instrument :
MSVOA_N
ClientSampleId :
MW-53

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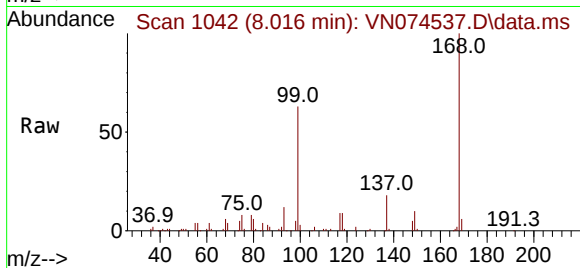
Quant Time: Sep 17 06:18:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

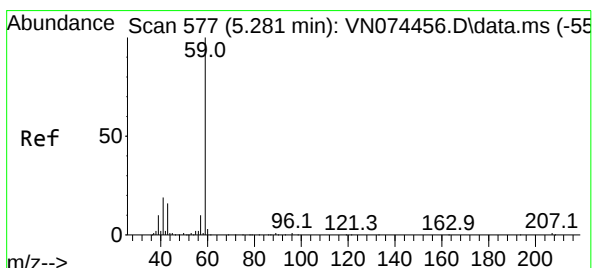
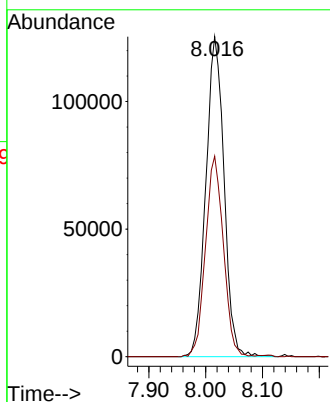
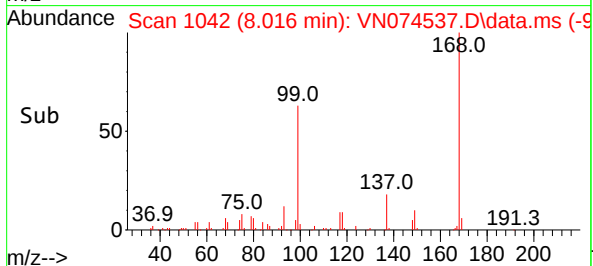
Instrument :
MSVOA_N
ClientSampleId :
MW-53



Tgt Ion:168 Resp: 278462
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5

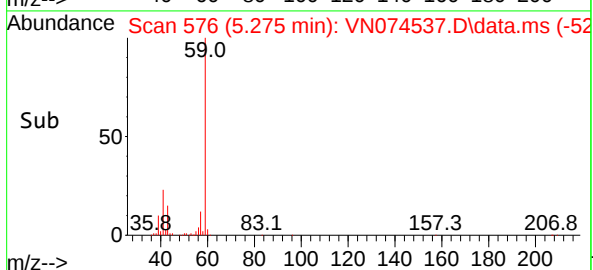
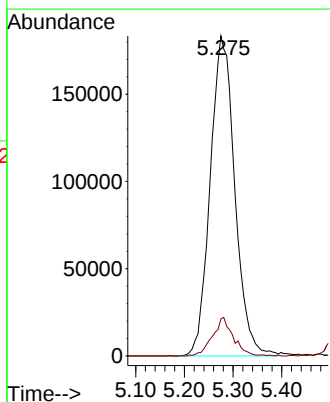
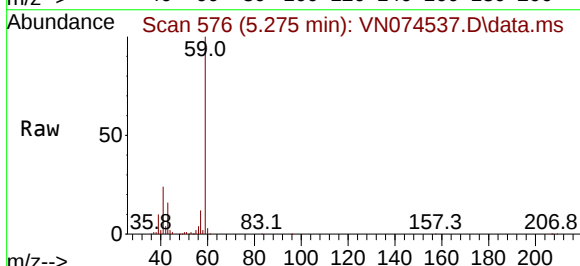
Manual Integrations
APPROVED

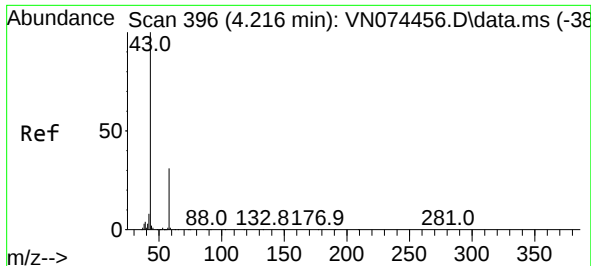
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#11
Tert butyl alcohol
Concen: 418.770 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.006 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

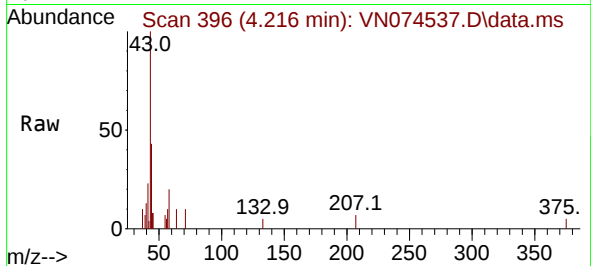
Tgt Ion: 59 Resp: 644535
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5





#16
Acetone
Concen: 4.610 ug/l m
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

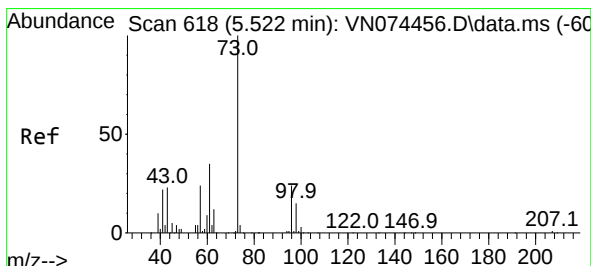
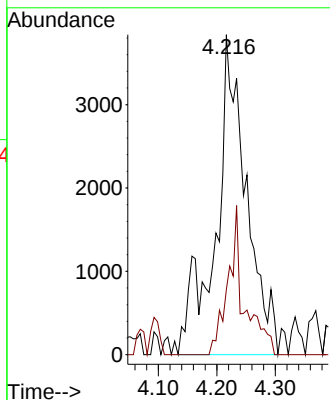
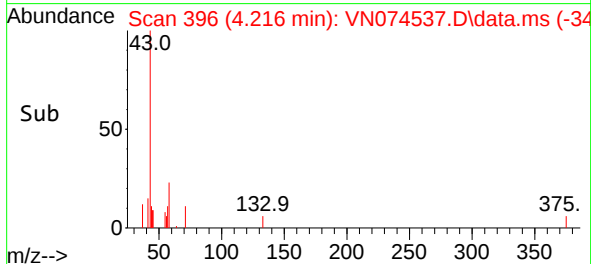
Instrument :
MSVOA_N
ClientSampleId :
MW-53



Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 20.4 26.0 39.0

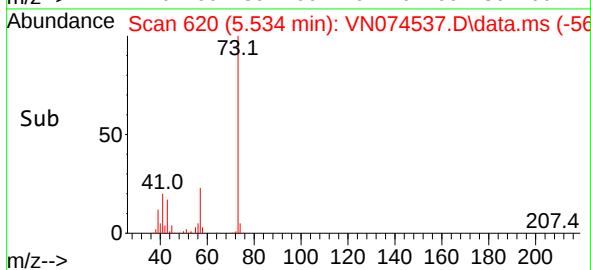
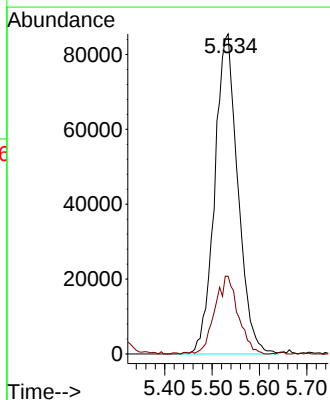
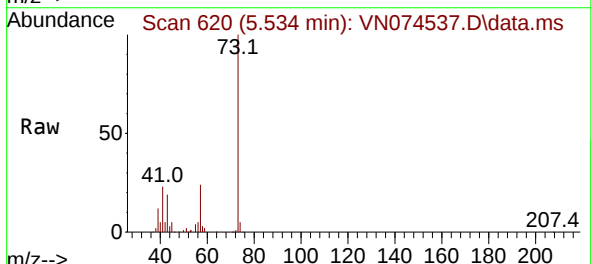
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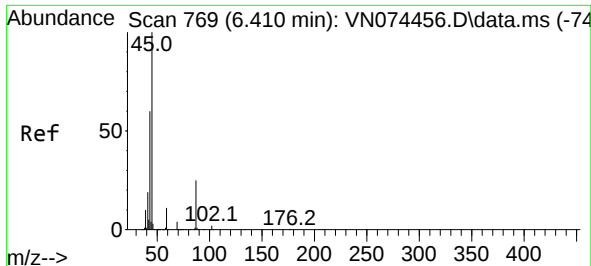
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#19
Methyl tert-butyl Ether
Concen: 18.814 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.012 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

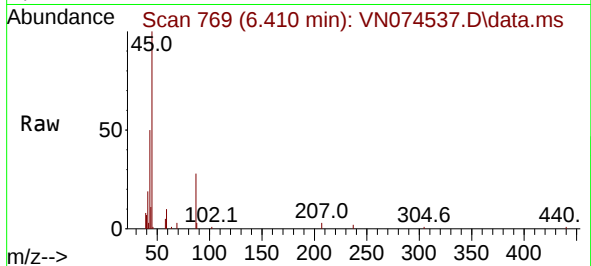
Tgt Ion: 73 Resp: 290807
Ion Ratio Lower Upper
73 100
57 24.1 17.6 26.4





#22
Diisopropyl ether
Concen: 2.667 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

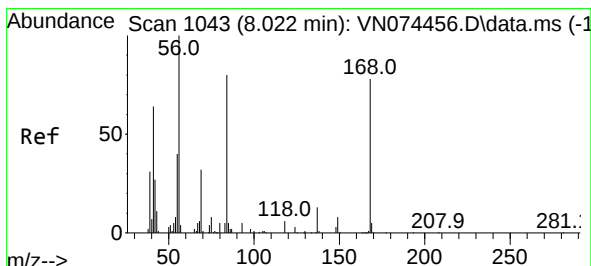
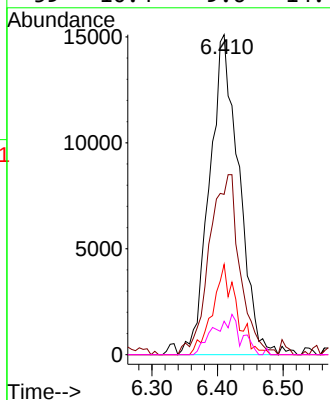
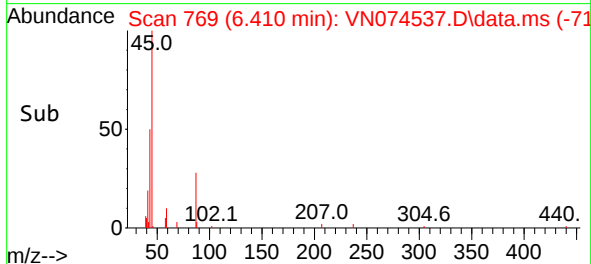
Instrument :
MSVOA_N
ClientSampleId :
MW-53



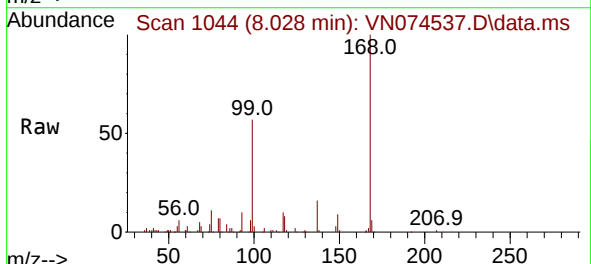
Tgt Ion:	45	Resp:	4689
Ion	Ratio	Lower	Upper
45	100		
43	50.1	46.6	70.0
87	28.2	24.3	36.5
59	10.4	9.6	14.4

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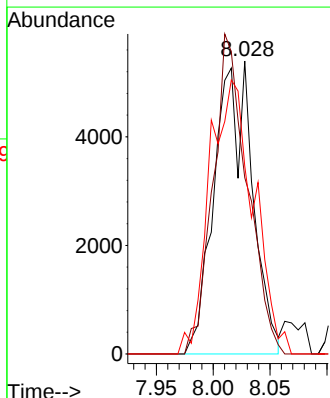
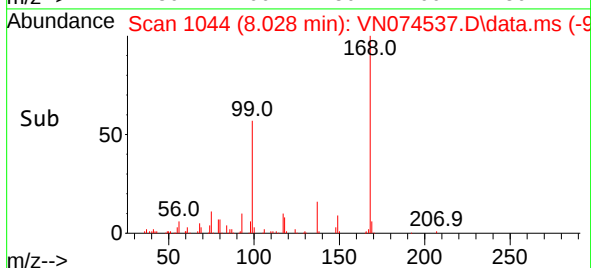
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

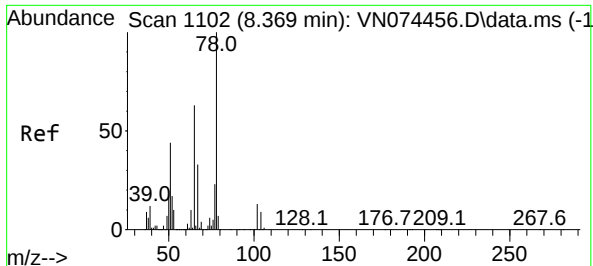


#31
Cyclohexane
Concen: 1.482 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56



Tgt Ion:	56	Resp:	12429
Ion	Ratio	Lower	Upper
56	100		
69	60.2	27.8	41.8#
84	64.1	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.928 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074537.D

Acq: 17 Sep 2022 02:56

Instrument :

MSVOA_N

ClientSampleId :

MW-53

Tgt Ion: 65 Resp: 22172

Ion Ratio Lower Upper

65 100

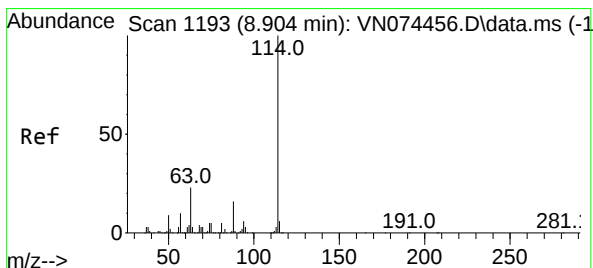
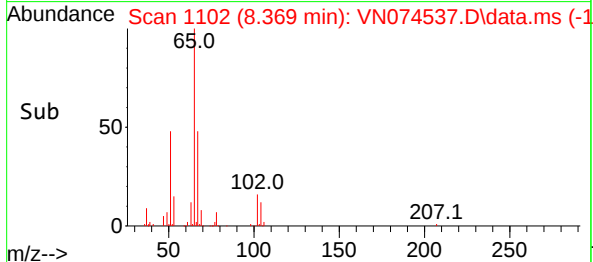
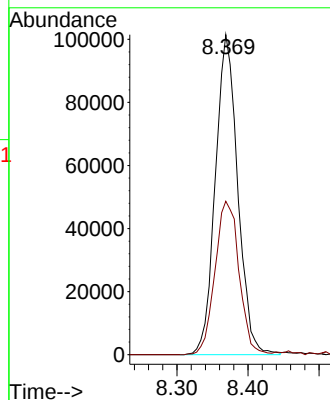
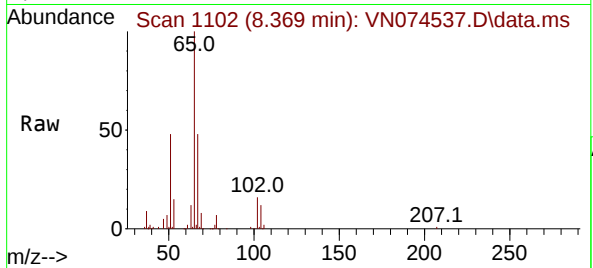
67 51.6 0.0 104.8

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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: VN074537.D

Acq: 17 Sep 2022 02:56

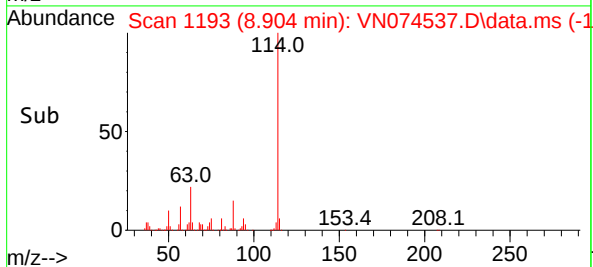
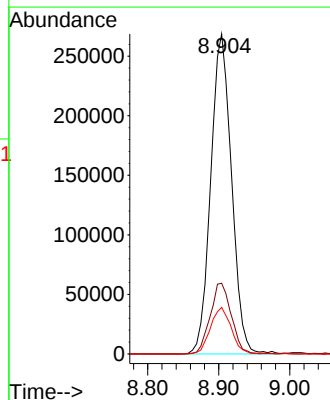
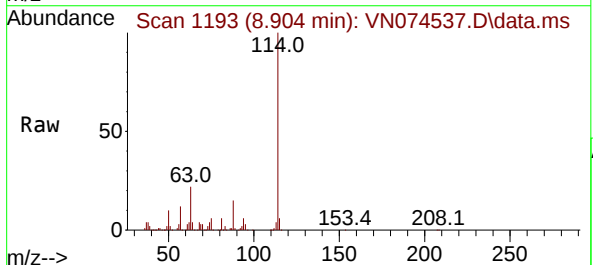
Tgt Ion:114 Resp: 545759

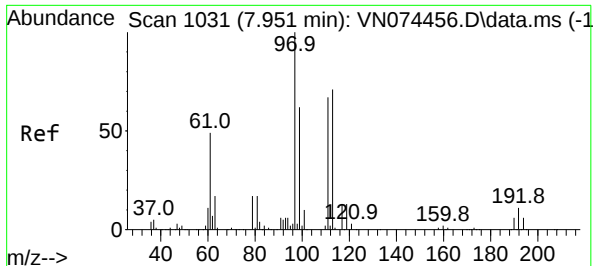
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.207 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074537.D

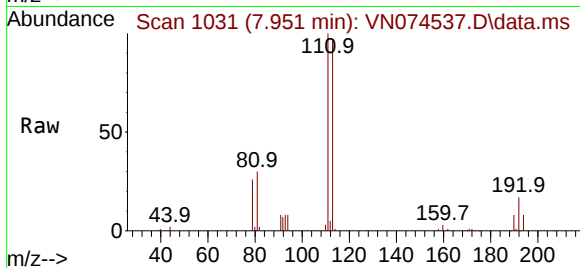
Acq: 17 Sep 2022 02:56

Instrument :

MSVOA_N

ClientSampleId :

MW-53



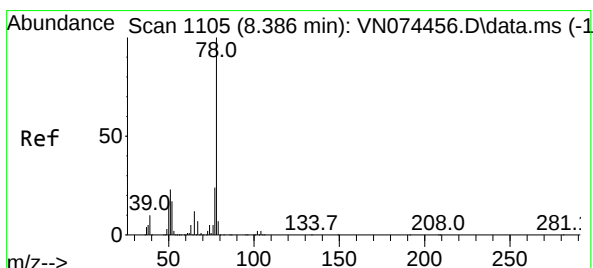
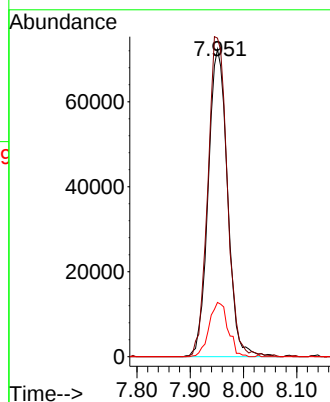
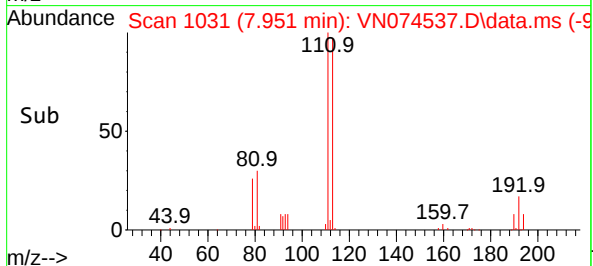
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.4	122.0
192	17.3	17.0	25.6

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#40

Benzene

Concen: 2.341 ug/l

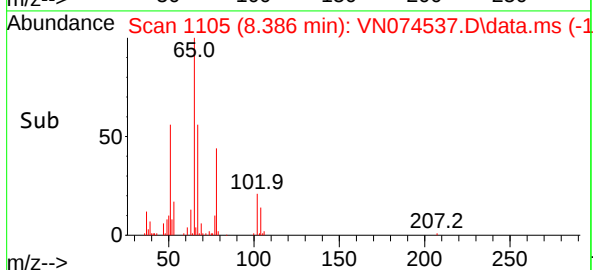
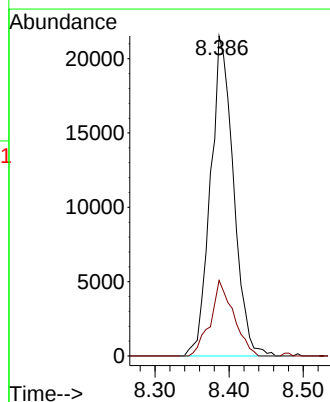
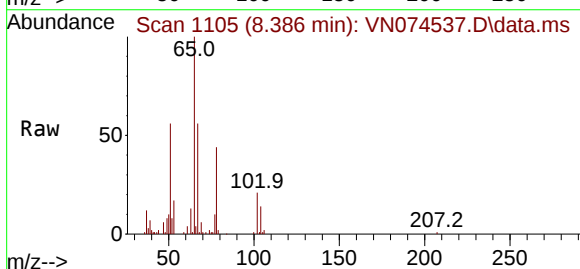
RT: 8.386 min Scan# 1105

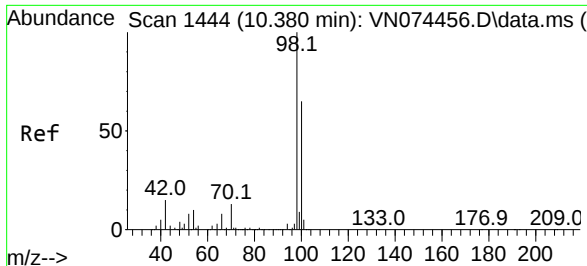
Delta R.T. 0.000 min

Lab File: VN074537.D

Acq: 17 Sep 2022 02:56

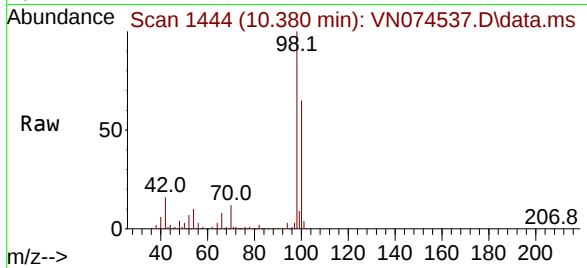
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





#50
Toluene-d8
Concen: 47.524 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

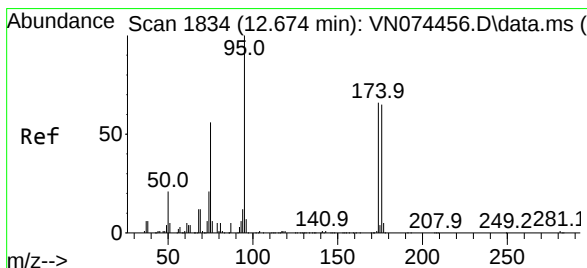
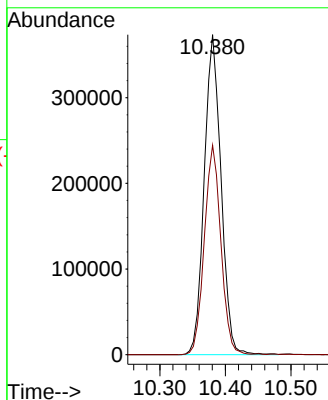
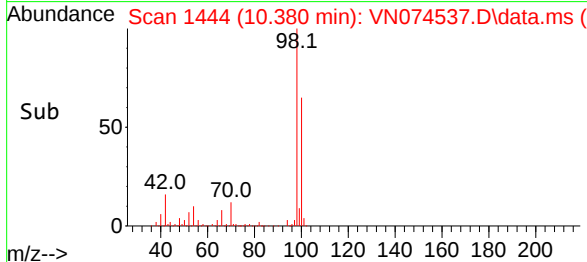
Instrument :
MSVOA_N
ClientSampleId :
MW-53



Tgt Ion: 98 Resp: 666324
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

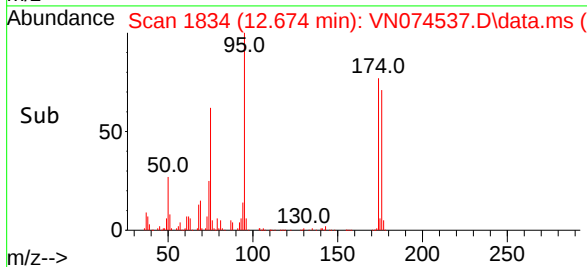
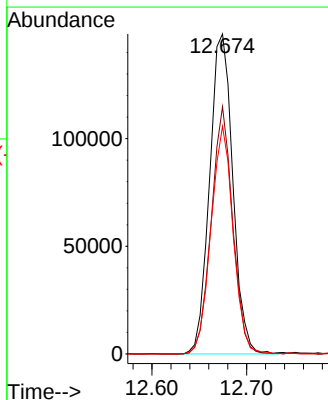
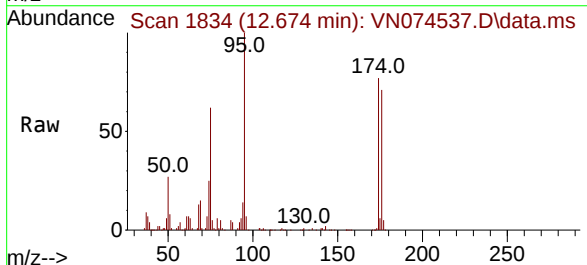
Manual Integrations
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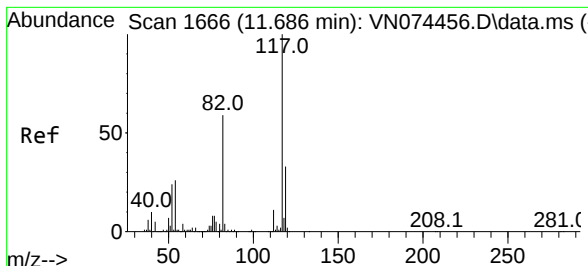
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 52.577 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

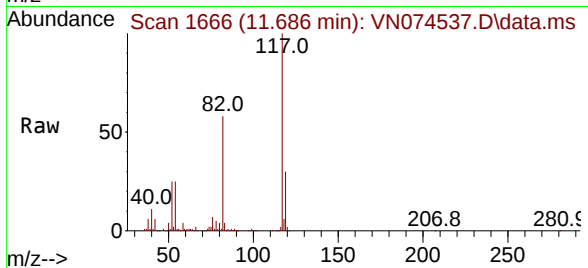
Tgt Ion: 95 Resp: 252478
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 68.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56

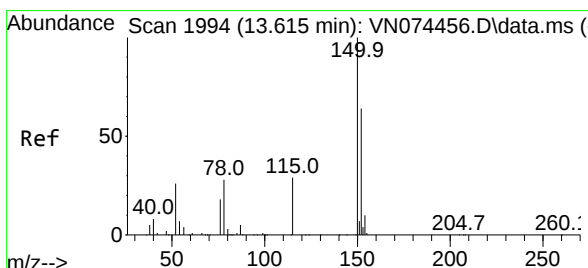
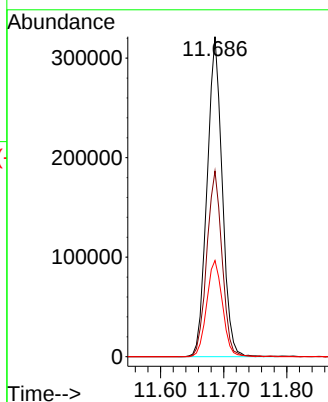
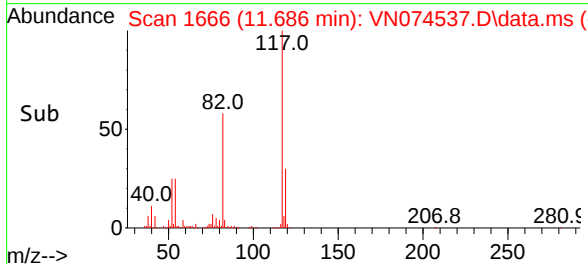
Instrument :
MSVOA_N
ClientSampleId :
MW-53



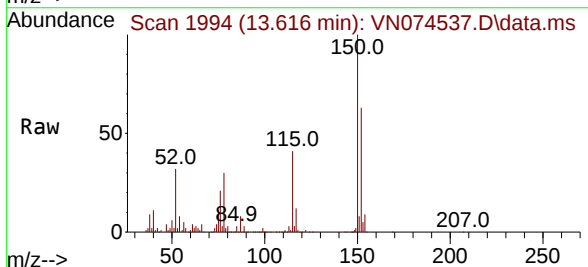
Tgt Ion:117 Resp: 536020
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 30.1 25.4 38.0

Manual Integrations
APPROVED

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074537.D
Acq: 17 Sep 2022 02:56



Tgt Ion:152 Resp: 224676
Ion Ratio Lower Upper
152 100
115 63.5 28.9 86.7
150 157.0 0.0 356.2

