

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074532.D
 Acq On : 17 Sep 2022 00:54
 Operator : JC\MD
 Sample : N4549-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-49

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 06:17:58 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	307825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	586268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	580585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	255830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	240445	46.036	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.080%		
35) Dibromofluoromethane	7.951	113	202796	52.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.140%		
50) Toluene-d8	10.381	98	732083	48.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.674	95	275172	53.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.680%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.287	59	12750	7.494	ug/l #	88
16) Acetone	4.246	43	15797m	4.727	ug/l	
19) Methyl tert-butyl Ether	5.528	73	46389	2.715	ug/l	91

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

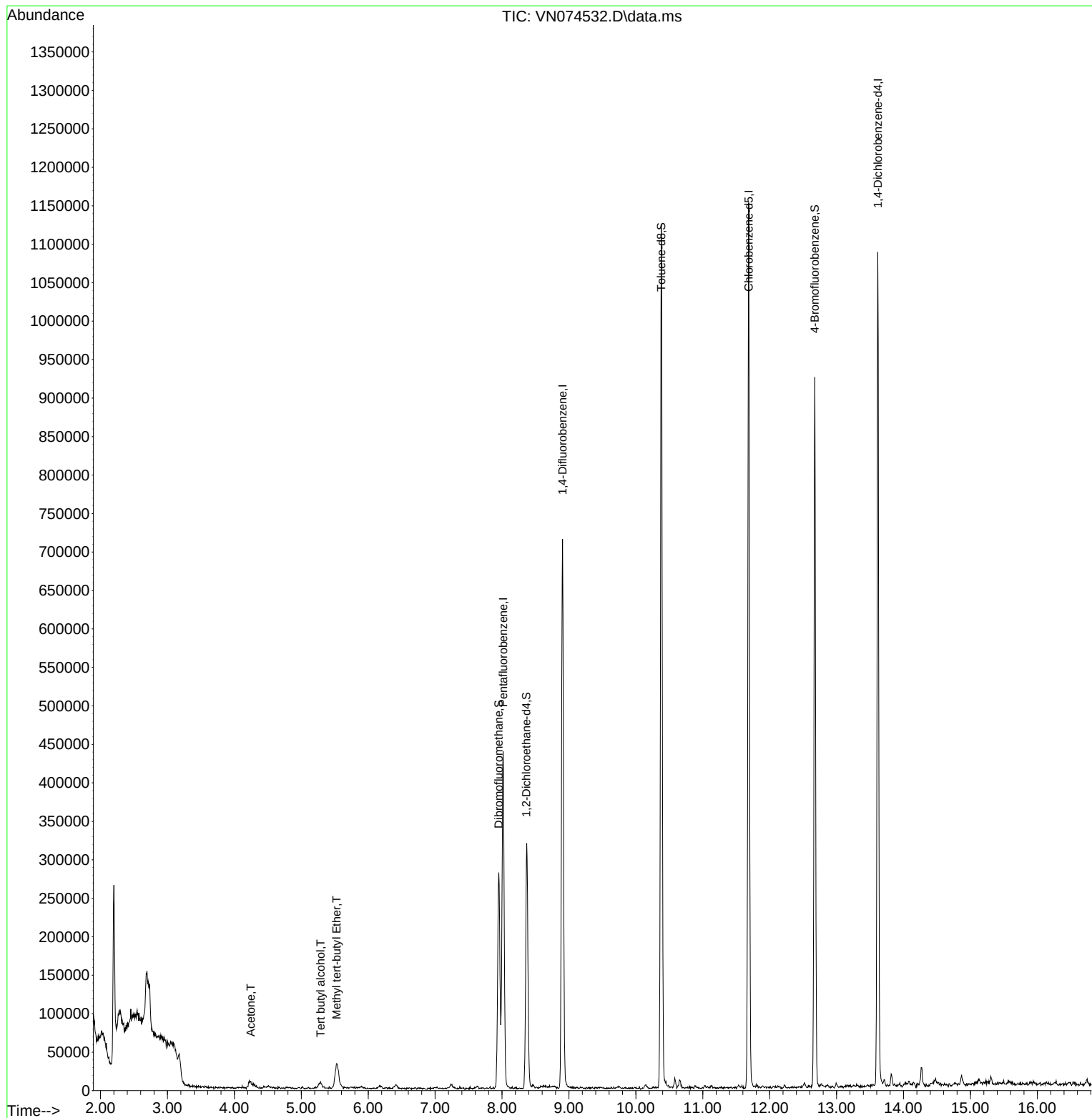
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
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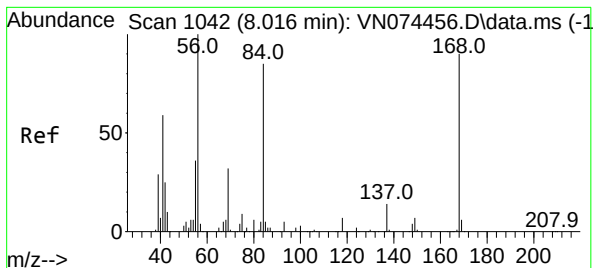
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 17 06:17:58 2022
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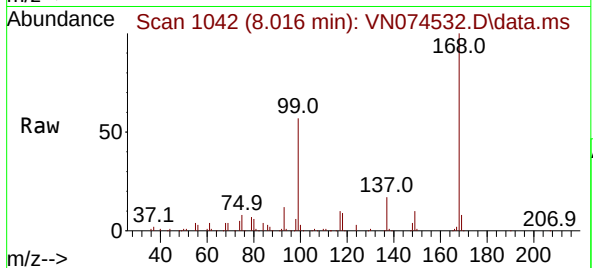
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074532.D
Acq: 17 Sep 2022 00:54

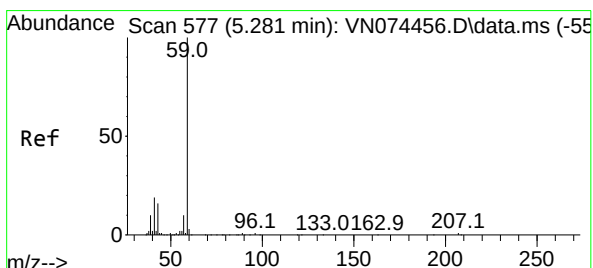
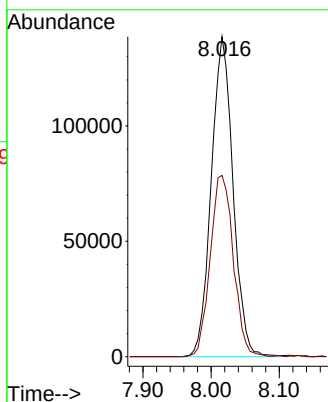
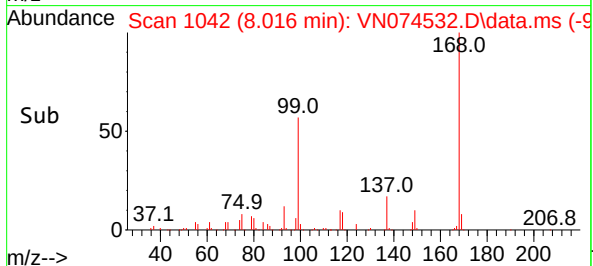
Instrument :
MSVOA_N
ClientSampleId :
MW-49



Tgt Ion: 168 Resp: 307825
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5

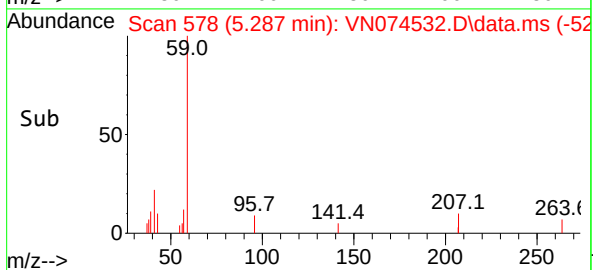
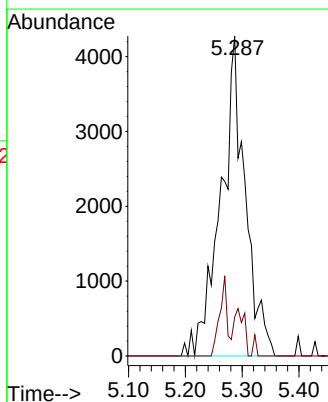
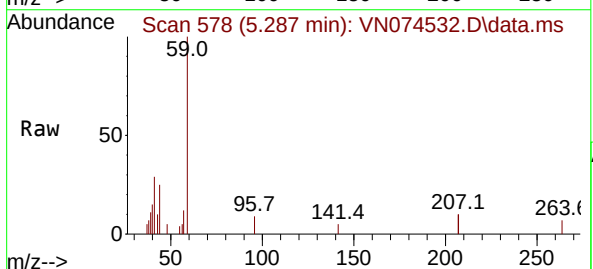
Manual Integrations
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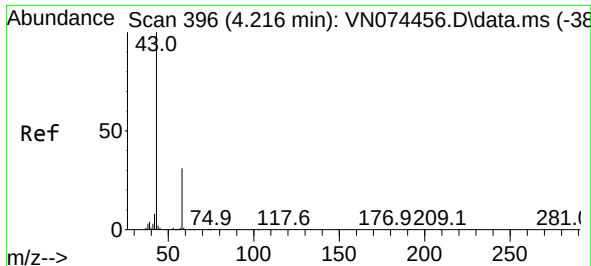
Reviewed By : John Carlone 09/17/2022
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#11
Tert butyl alcohol
Concen: 7.494 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN074532.D
Acq: 17 Sep 2022 00:54

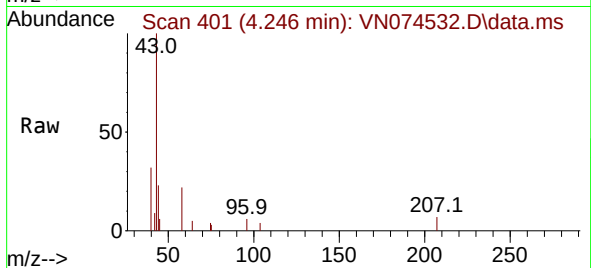
Tgt Ion: 59 Resp: 12750
Ion Ratio Lower Upper
59 100
57 6.0 8.3 12.5





#16
Acetone
Concen: 4.727 ug/l m
RT: 4.246 min Scan# 401
Delta R.T. 0.030 min
Lab File: VN074532.D
Acq: 17 Sep 2022 00:54

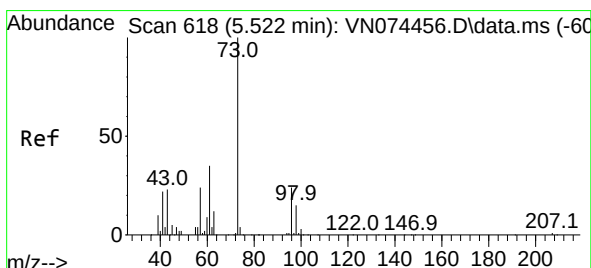
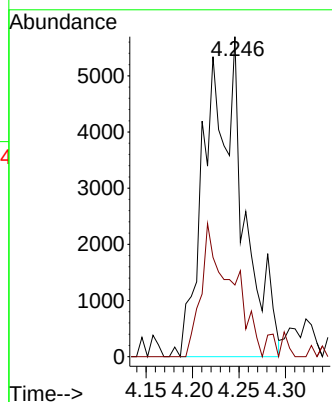
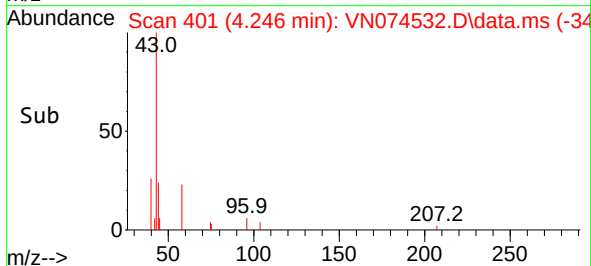
Instrument :
MSVOA_N
ClientSampleId :
MW-49



Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 22.4 26.0 39.0

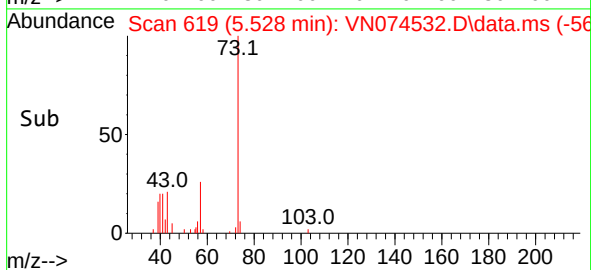
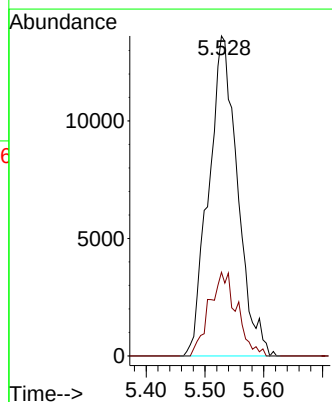
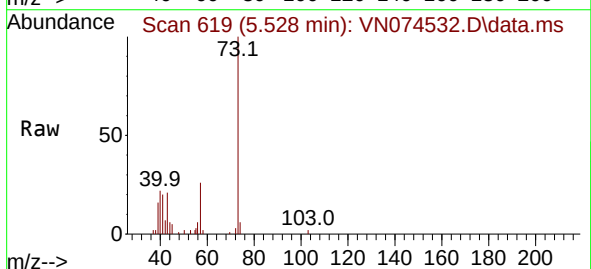
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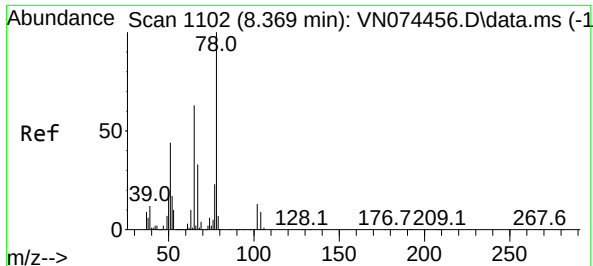
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#19
Methyl tert-butyl Ether
Concen: 2.715 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074532.D
Acq: 17 Sep 2022 00:54

Tgt Ion: 73 Resp: 46389
Ion Ratio Lower Upper
73 100
57 26.1 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 46.036 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074532.D

Acq: 17 Sep 2022 00:54

Instrument :

MSVOA_N

ClientSampleId :

MW-49

Tgt Ion: 65 Resp: 24044

Ion Ratio Lower Upper

65 100

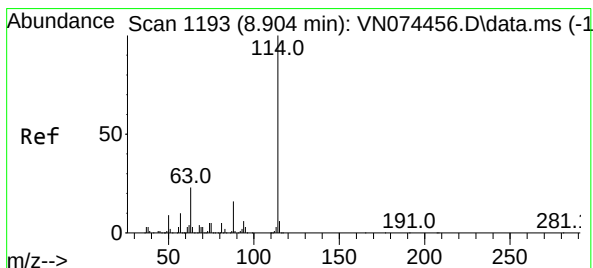
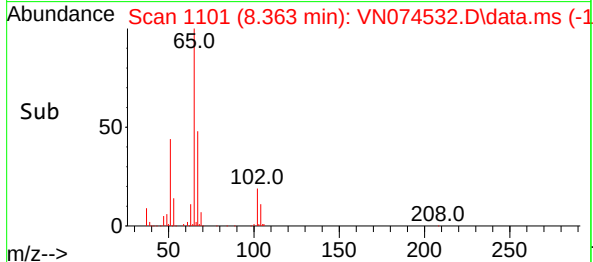
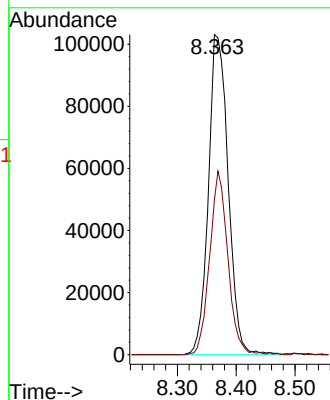
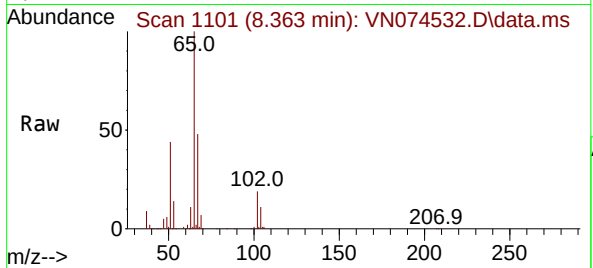
67 52.9 0.0 104.8

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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: VN074532.D

Acq: 17 Sep 2022 00:54

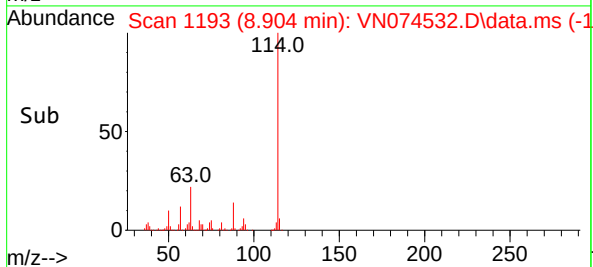
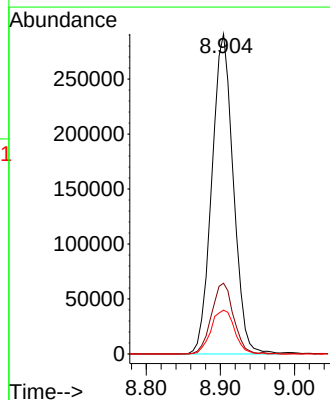
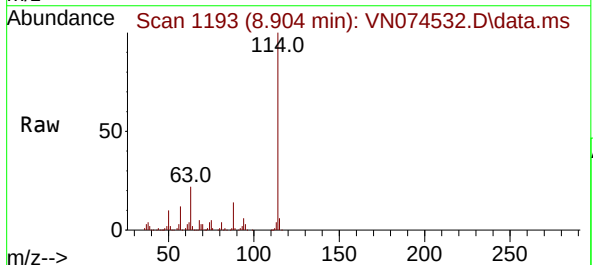
Tgt Ion:114 Resp: 586268

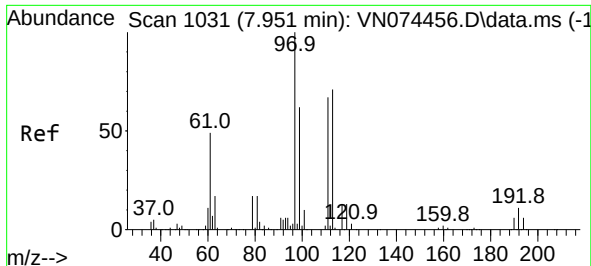
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 13.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.073 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074532.D

Acq: 17 Sep 2022 00:54

Instrument :

MSVOA_N

ClientSampleId :

MW-49

Tgt Ion: 113 Resp: 202790

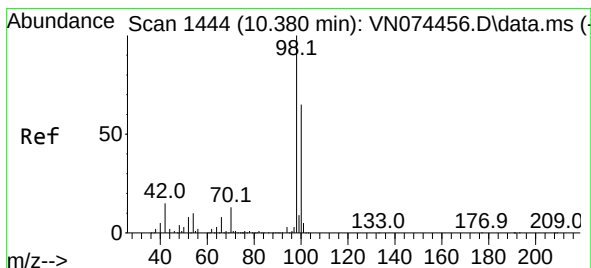
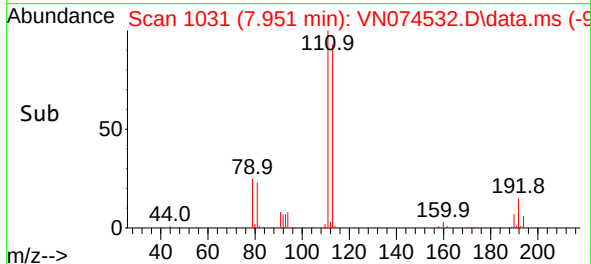
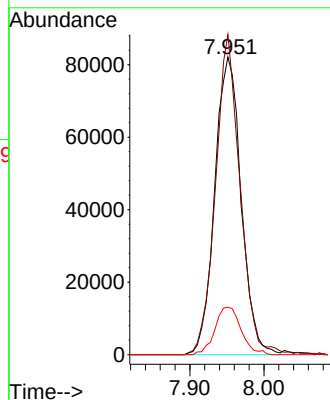
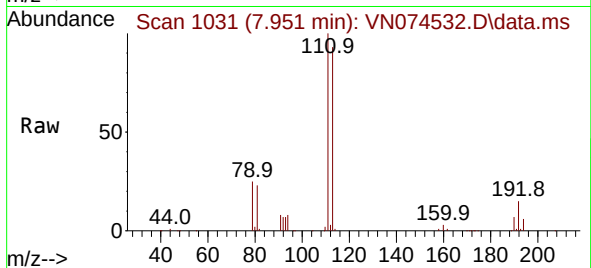
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.4	122.0
192	15.9	17.0	25.6

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#50

Toluene-d8

Concen: 48.607 ug/l

RT: 10.381 min Scan# 1444

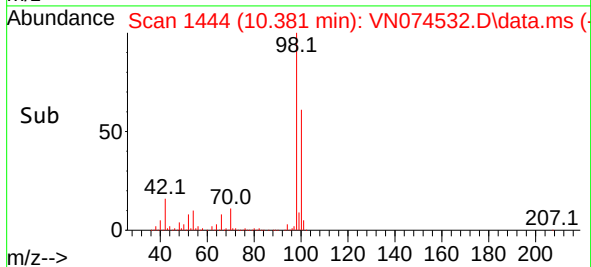
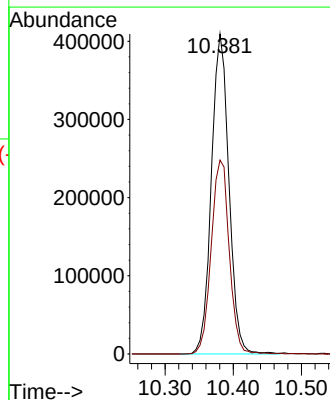
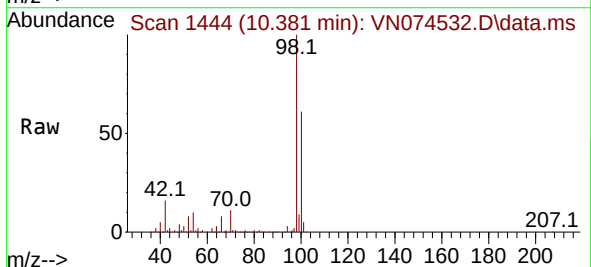
Delta R.T. 0.001 min

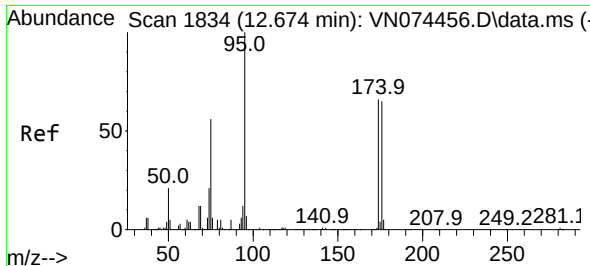
Lab File: VN074532.D

Acq: 17 Sep 2022 00:54

Tgt Ion: 98 Resp: 732083

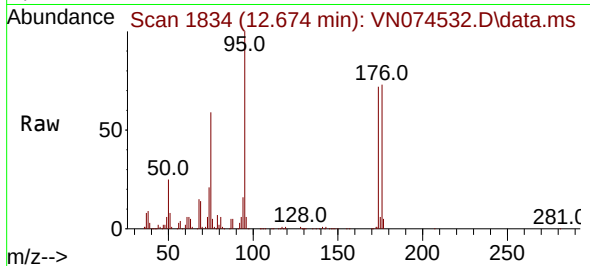
Ion	Ratio	Lower	Upper
98	100		
100	62.4	52.6	78.8





#62
4-Bromofluorobenzene
Concen: 53.344 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074532.D
Acq: 17 Sep 2022 00:54

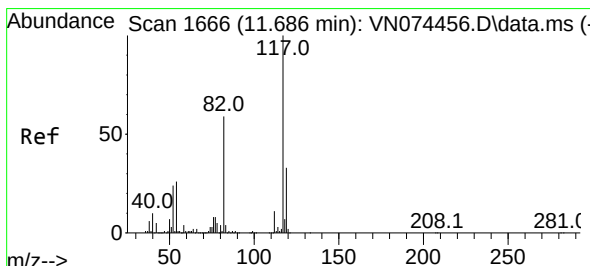
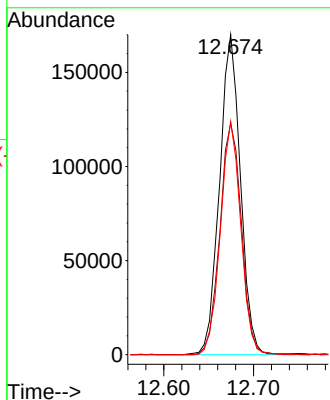
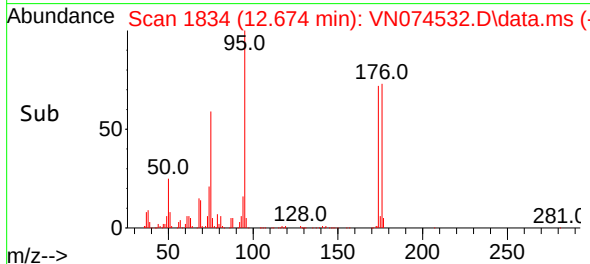
Instrument :
MSVOA_N
ClientSampleId :
MW-49



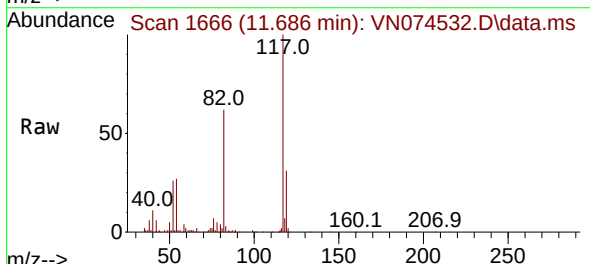
Tgt Ion: 95 Resp: 275172
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 71.0 0.0 163.4

Manual Integrations
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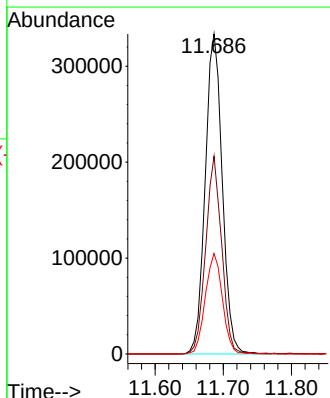
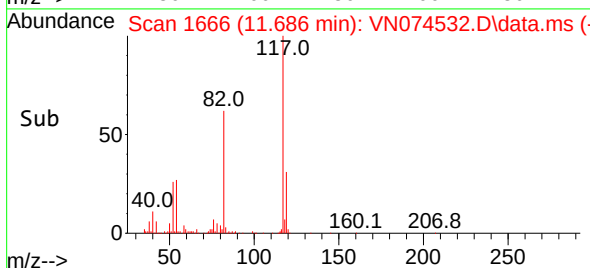
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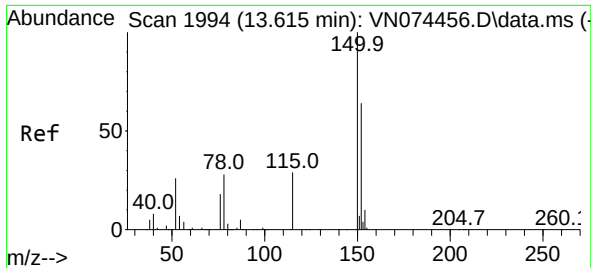


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074532.D
Acq: 17 Sep 2022 00:54



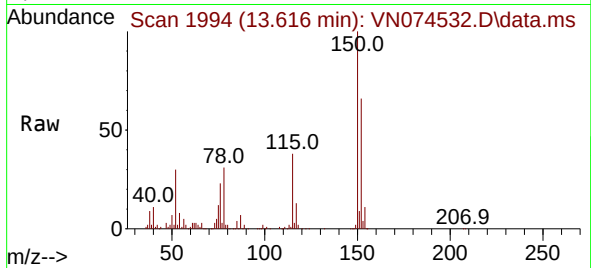
Tgt Ion:117 Resp: 580585
Ion Ratio Lower Upper
117 100
82 61.8 44.2 66.2
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074532.D
 Acq: 17 Sep 2022 00:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-49



Tgt Ion:152 Resp: 255830
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.9 86.7
 150 154.1 0.0 356.2

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