

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081561.D
 Acq On : 25 Mar 2024 14:55
 Operator : JC\MD
 Sample : P1838-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP302-20240321

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:19:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.871	168	446489m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.859	114	800286	50.000	ug/l	-0.25
63) Chlorobenzene-d5	11.812	117	704129m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	276781	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.259	65	291921	51.269	ug/l	-0.32
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.540%			
35) Dibromofluoromethane	7.788	113	248762	49.254	ug/l	-0.38
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.500%			
50) Toluene-d8	10.447	98	942311	51.613	ug/l	-0.12
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.823	95	298754m	46.439	ug/l	-0.03
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.880%			
Target Compounds						
7) Trichlorofluoromethane	3.377	101	15097m	1.508	ug/l	Qvalue
9) 1,1,2-Trichlorotrifluo...	3.377	101	15097m	2.654	ug/l	
16) Acetone	3.418	43	4317m	2.346	ug/l	
30) Chloroform	7.553	83	2296m	0.209	ug/l	

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

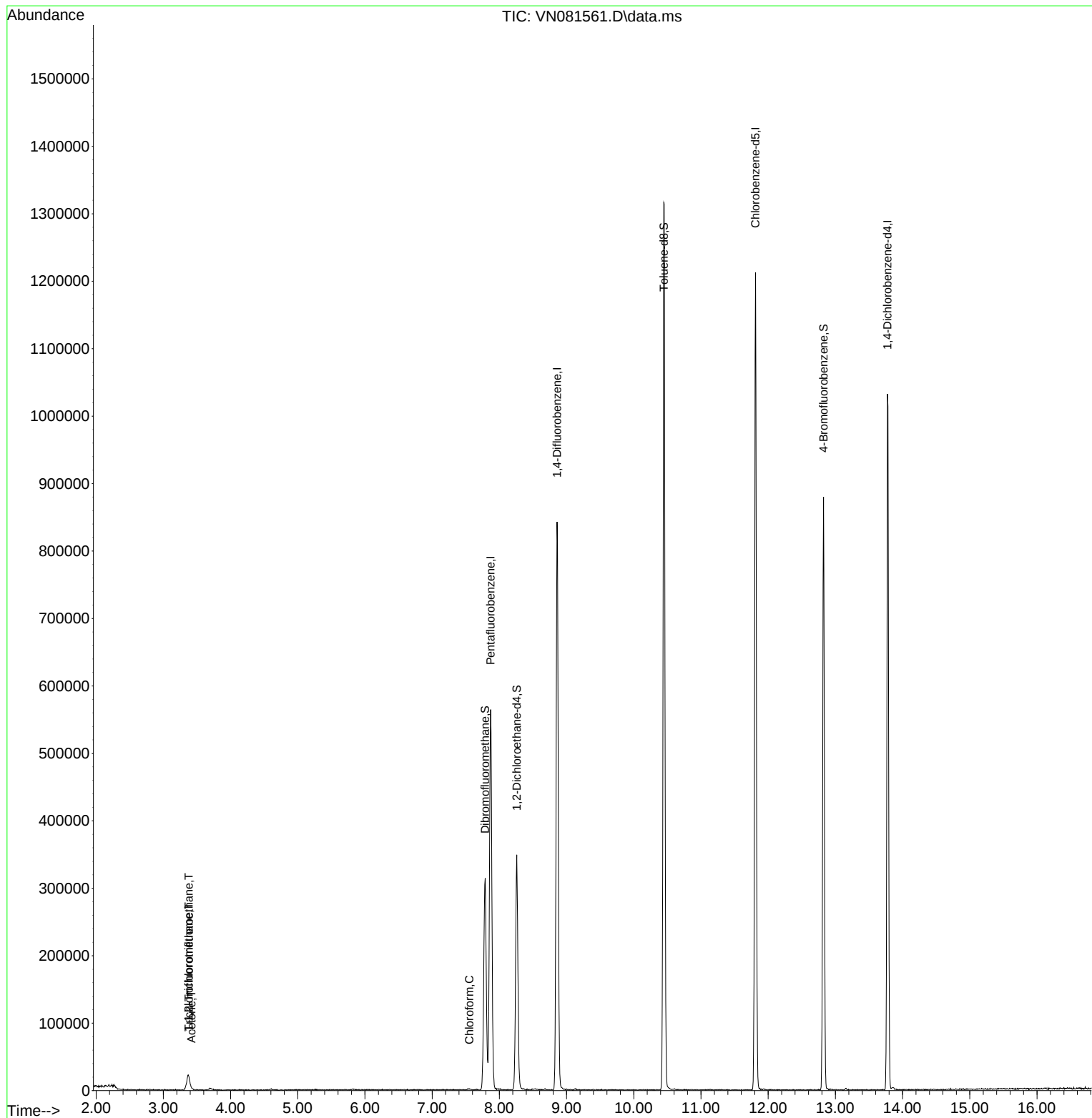
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
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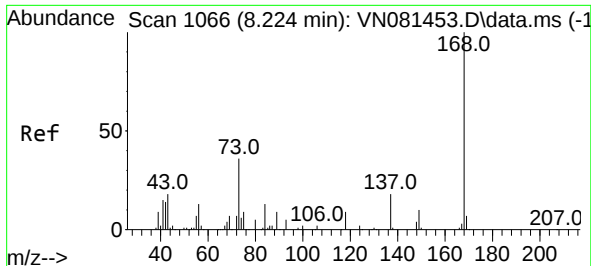
Instrument :
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Quant Time: Mar 26 01:19:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
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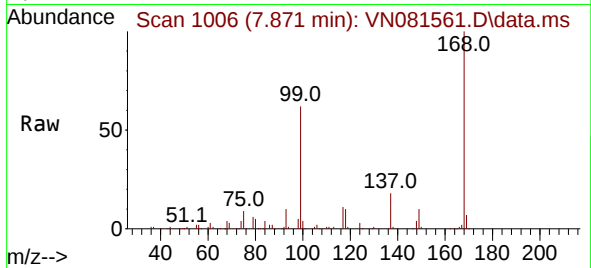
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.871 min Scan# 1066
Delta R.T. -0.353 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

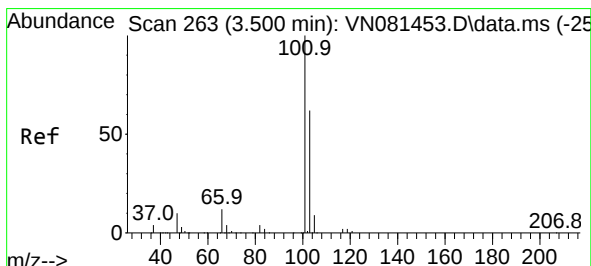
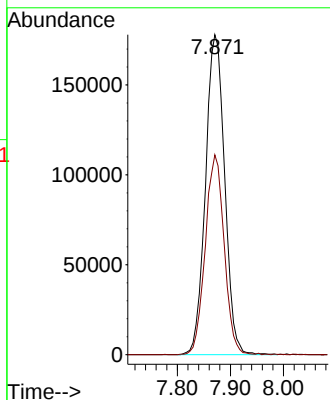
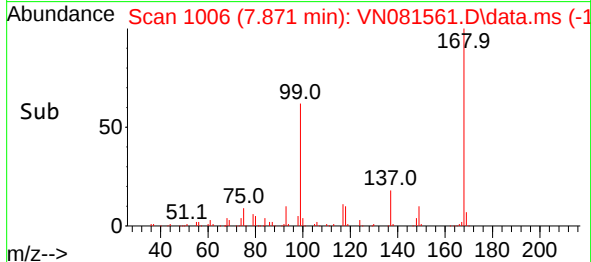
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP302-20240321



Tgt Ion:168 Resp: 446489
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9

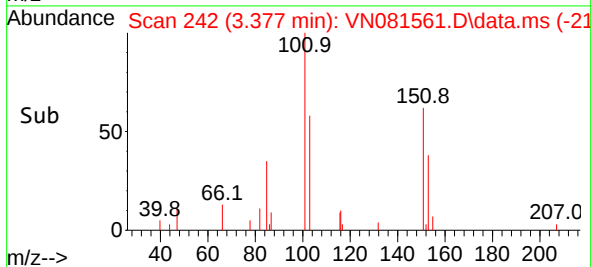
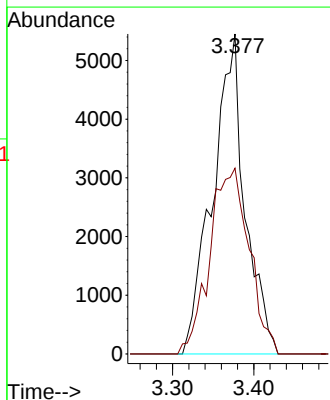
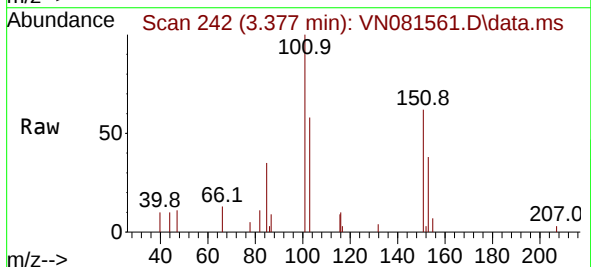
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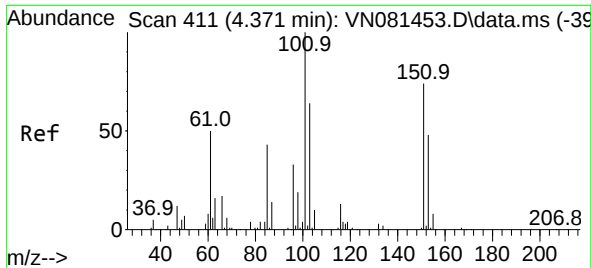
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#7
Trichlorofluoromethane
Concen: 1.508 ug/l m
RT: 3.377 min Scan# 242
Delta R.T. -0.124 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

Tgt Ion:101 Resp: 15097
Ion Ratio Lower Upper
101 100
103 58.1 54.4 81.6





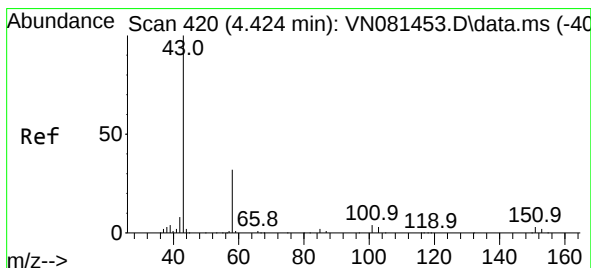
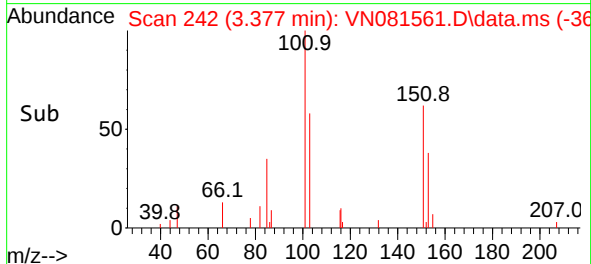
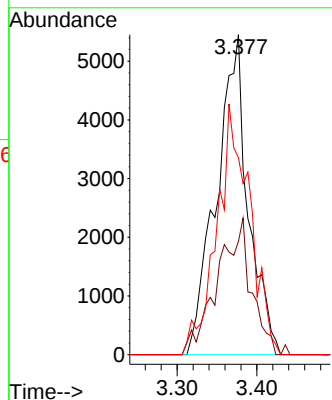
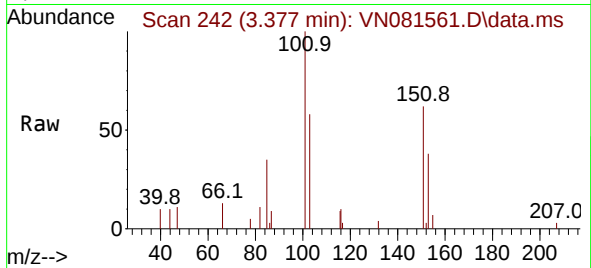
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.654 ug/l m
RT: 3.377 min Scan# 249
Delta R.T. -0.994 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP302-20240321

Tgt Ion:101 Resp: 1509
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1
151 0.0 49.1 73.7

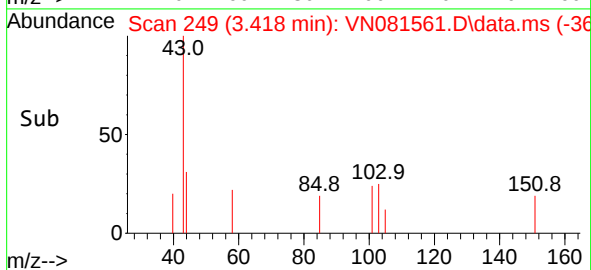
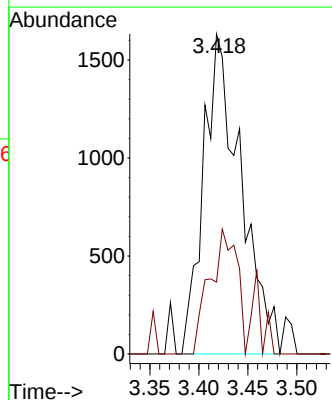
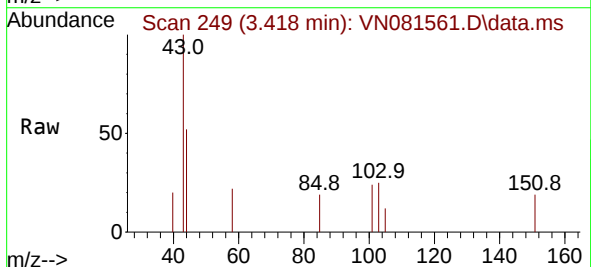
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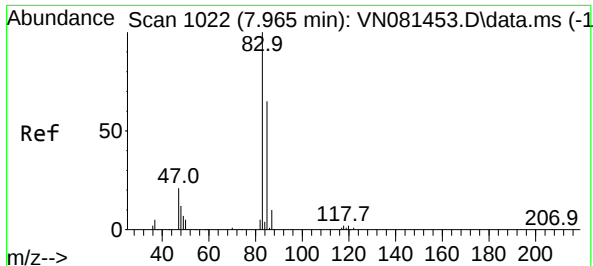
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#16
Acetone
Concen: 2.346 ug/l m
RT: 3.418 min Scan# 249
Delta R.T. -1.006 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

Tgt Ion: 43 Resp: 4317
Ion Ratio Lower Upper
43 100
58 22.5 24.8 37.2





#30

Chloroform

Concen: 0.209 ug/l m

RT: 7.553 min Scan# 91

Delta R.T. -0.412 min

Lab File: VN081561.D

Acq: 25 Mar 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP302-20240321

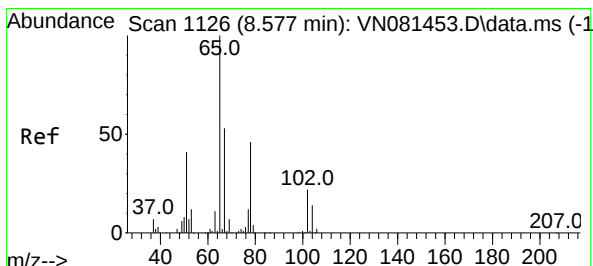
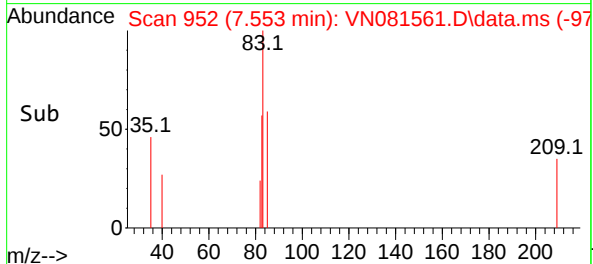
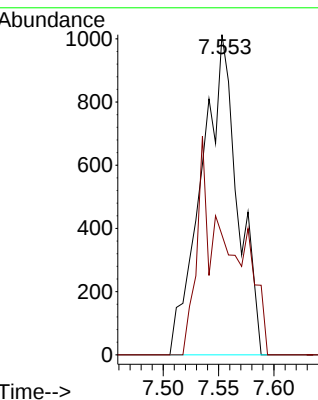
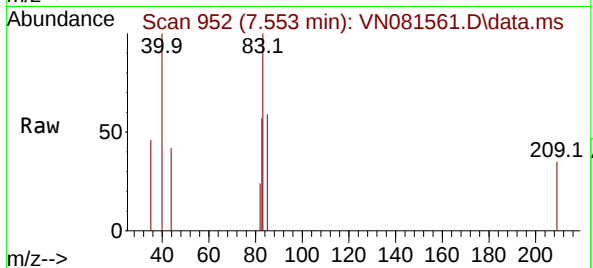
Tgt Ion: 83 Resp: 2290
 Ion Ratio Lower Upper
 83 100
 85 58.6 51.0 76.6

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Supervised By :Mahesh Dadoda 03/26/2024



#33

1,2-Dichloroethane-d4

Concen: 51.269 ug/l

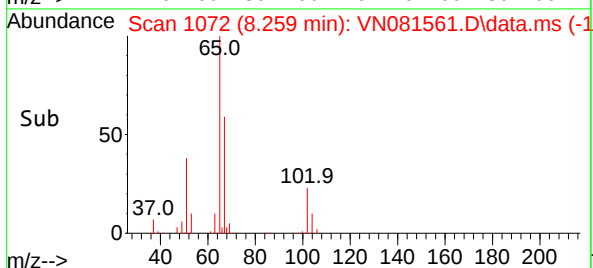
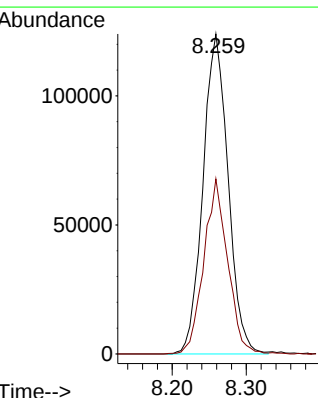
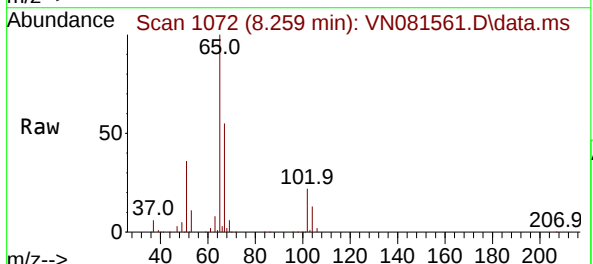
RT: 8.259 min Scan# 1072

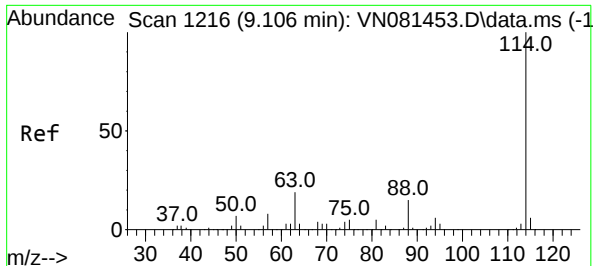
Delta R.T. -0.318 min

Lab File: VN081561.D

Acq: 25 Mar 2024 14:55

Tgt Ion: 65 Resp: 291921
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.859 min Scan# 1174

Delta R.T. -0.247 min

Lab File: VN081561.D

Acq: 25 Mar 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP302-20240321

Tgt Ion:114 Resp: 800280

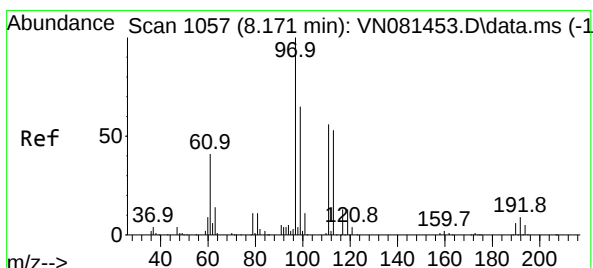
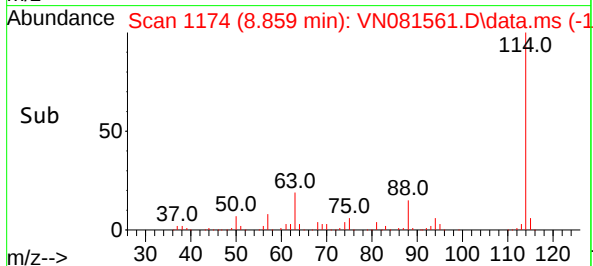
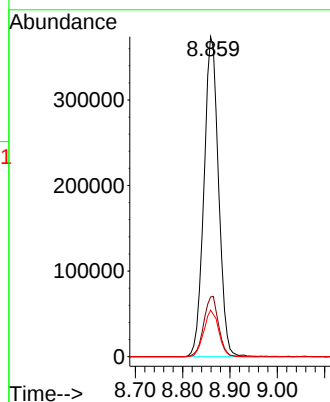
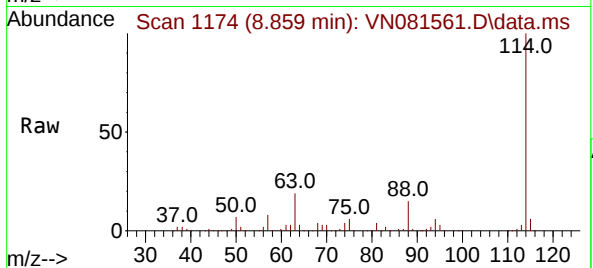
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	48.0
88	14.5	0.0	34.8

Manual Integrations

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Supervised By :Mahesh Dadoda 03/26/2024



#35

Dibromofluoromethane

Concen: 49.254 ug/l

RT: 7.788 min Scan# 992

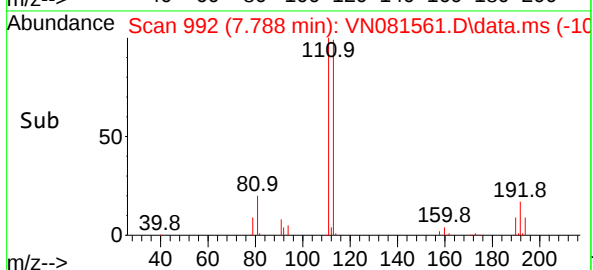
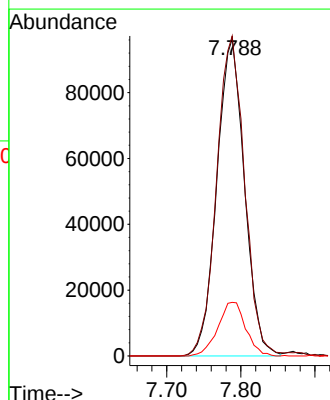
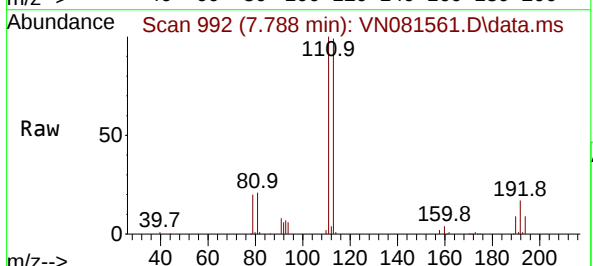
Delta R.T. -0.382 min

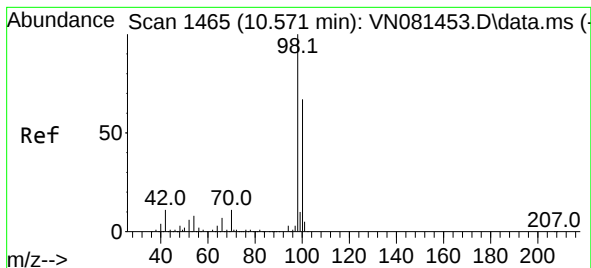
Lab File: VN081561.D

Acq: 25 Mar 2024 14:55

Tgt Ion:113 Resp: 248762

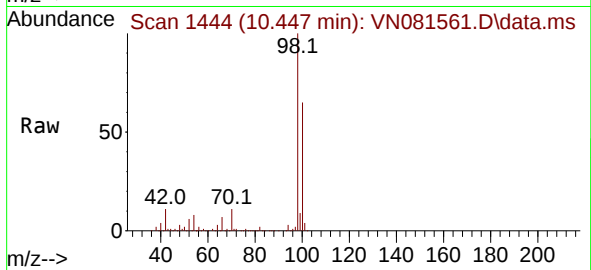
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	17.1	12.5	18.7





#50
Toluene-d8
Concen: 51.613 ug/l
RT: 10.447 min Scan# 1465
Delta R.T. -0.124 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

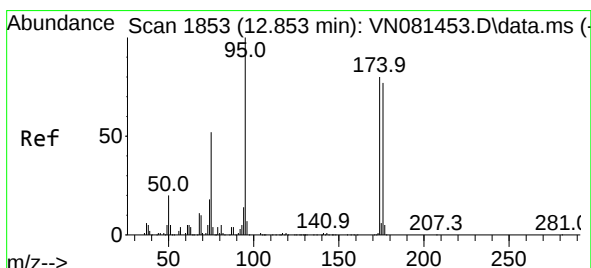
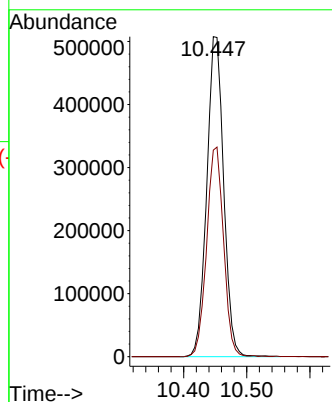
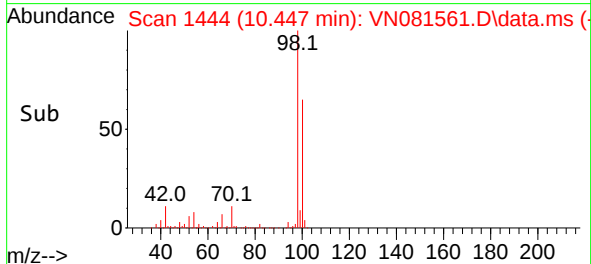
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Tgt Ion: 98 Resp: 94231
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0

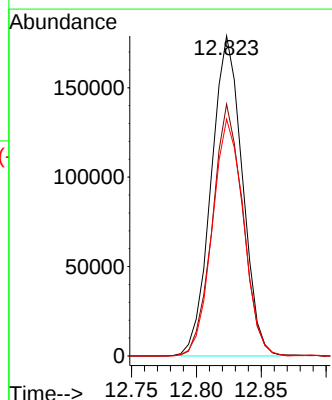
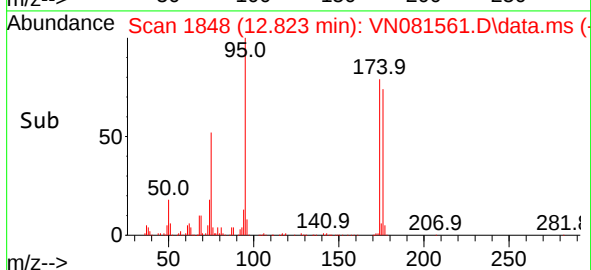
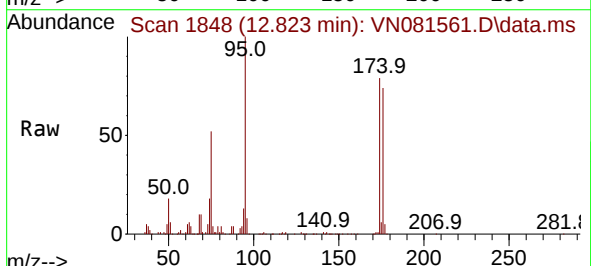
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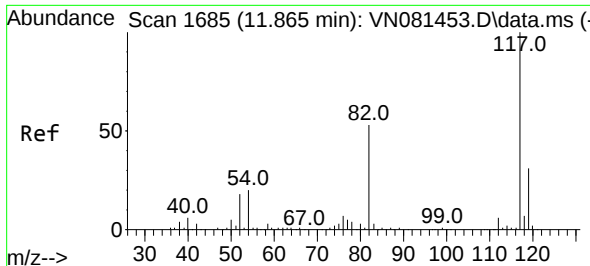
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#62
4-Bromofluorobenzene
Concen: 46.439 ug/l m
RT: 12.823 min Scan# 1848
Delta R.T. -0.029 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

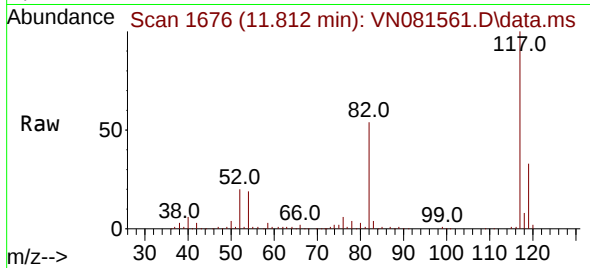
Tgt Ion: 95 Resp: 298754
Ion Ratio Lower Upper
95 100
174 0.0 0.0 120.4
176 0.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.812 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

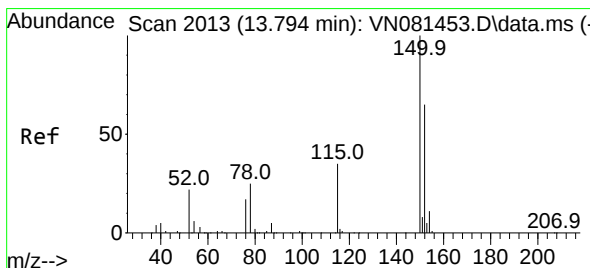
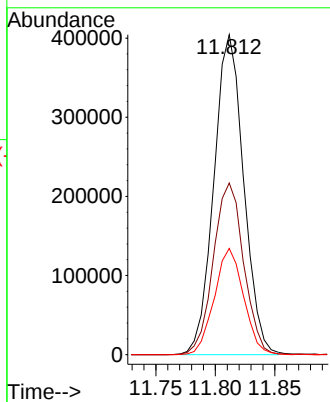
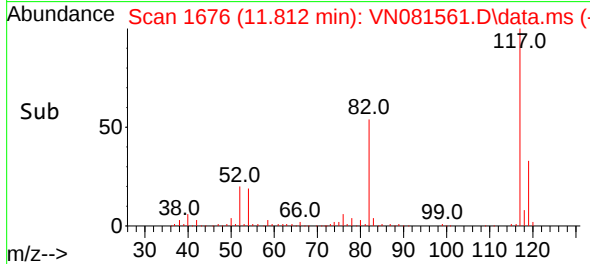
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Tgt Ion:117 Resp: 704129
Ion Ratio Lower Upper
117 100
82 53.7 52.7 79.1
119 33.2 25.3 37.9

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.776 min Scan# 2010
Delta R.T. -0.018 min
Lab File: VN081561.D
Acq: 25 Mar 2024 14:55

Tgt Ion:152 Resp: 276781
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 161.4 0.0 339.8

