

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081557.D
 Acq On : 25 Mar 2024 13:19
 Operator : JC\MD
 Sample : P1838-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300A-20240321

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 01:18:24 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	8.224	168	474046	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	825977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	722991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	305290	50.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 101.000%		
35) Dibromofluoromethane	8.165	113	259872	49.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 99.700%		
50) Toluene-d8	10.565	98	970151	51.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 102.960%		
62) 4-Bromofluorobenzene	12.847	95	306127	46.105	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 92.220%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.383	101	4705m	0.779	ug/l	
44) Trichloroethene	9.347	130	3216	0.446	ug/l	82

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

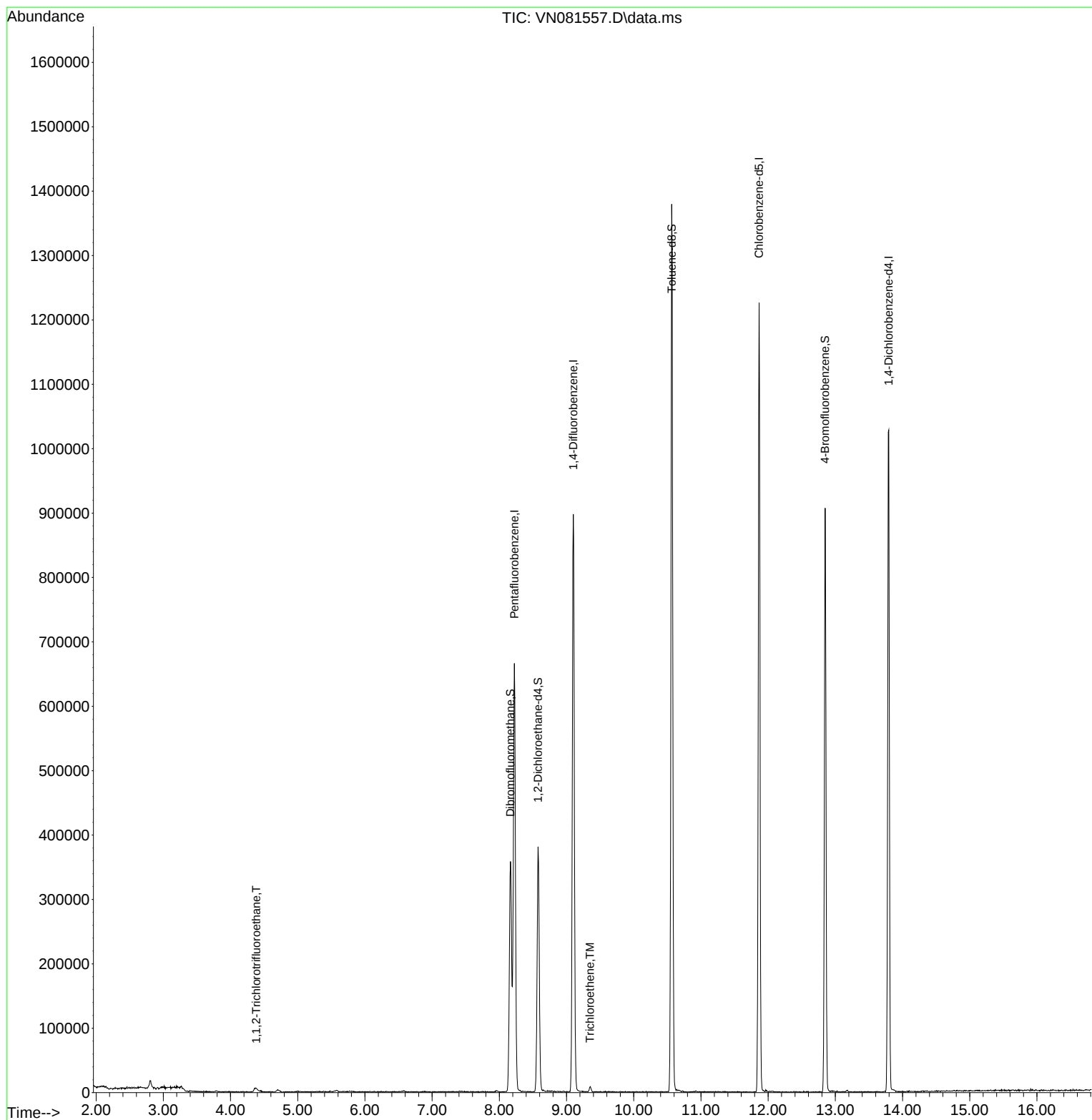
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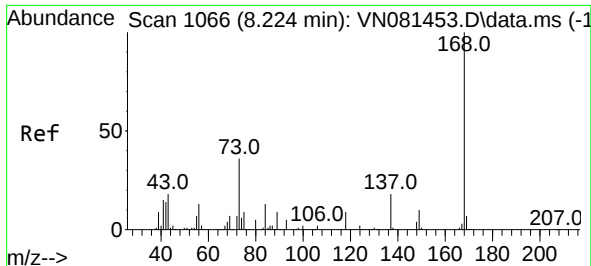
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Quant Time: Mar 26 01:18:24 2024
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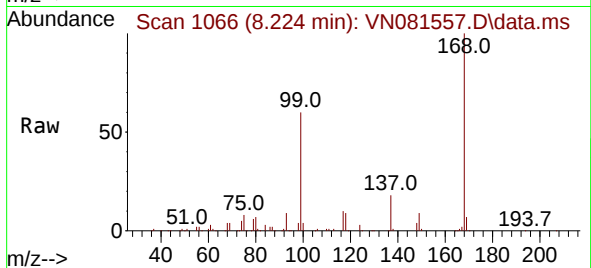
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

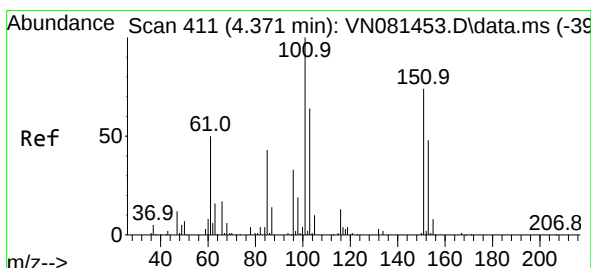
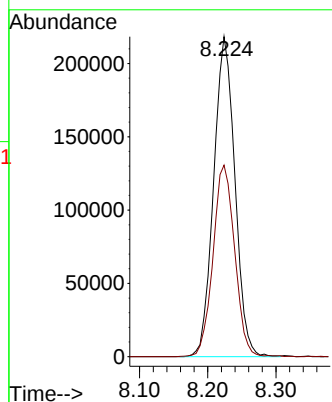
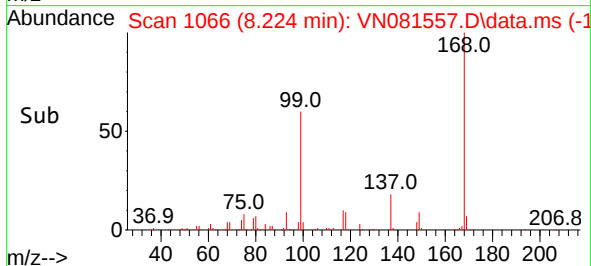
Instrument :
MSVOA_N
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RE137-SP300A-20240321



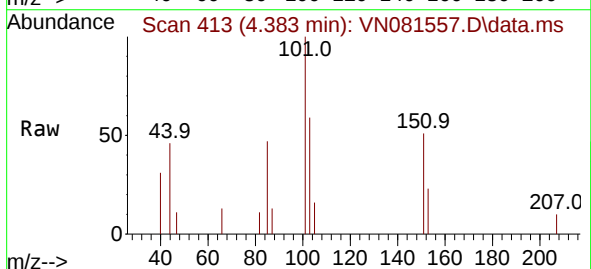
Tgt Ion:168 Resp: 474040
Ion Ratio Lower Upper
168 100
99 59.8 59.9 89.9

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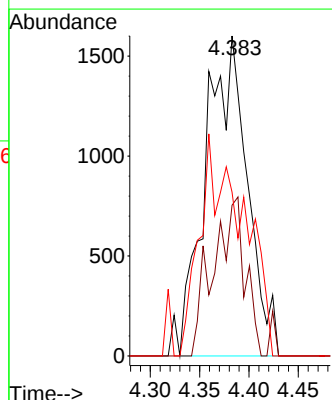
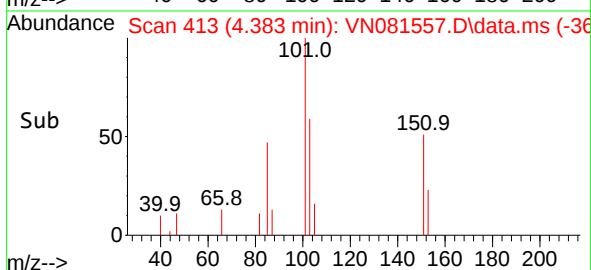
Reviewed By :John Carlone 03/26/2024
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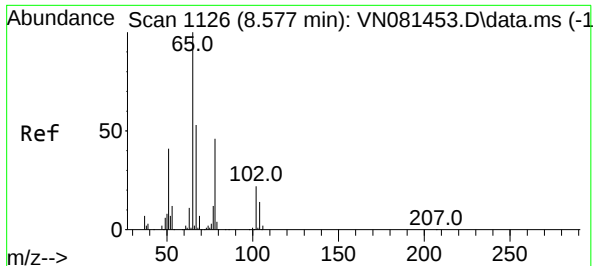


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.779 ug/l m
RT: 4.383 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19



Tgt Ion:101 Resp: 4705
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1#
151 33.3 49.1 73.7#





#33

1,2-Dichloroethane-d4

Concen: 50.500 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081557.D

Acq: 25 Mar 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300A-20240321

Tgt Ion: 65 Resp: 305290

Ion Ratio Lower Upper

65 100

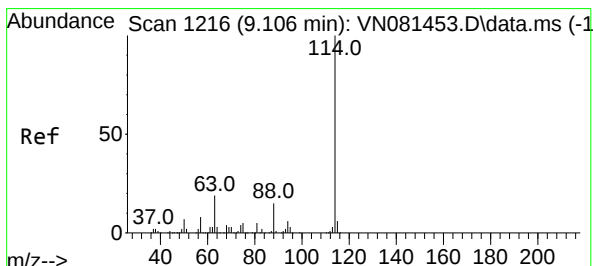
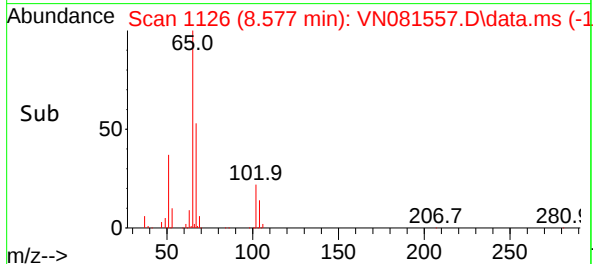
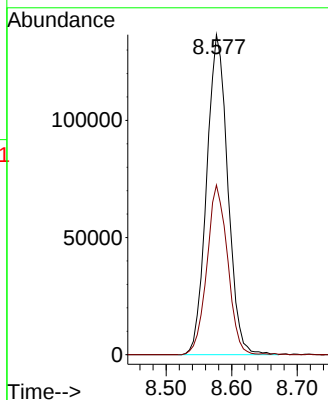
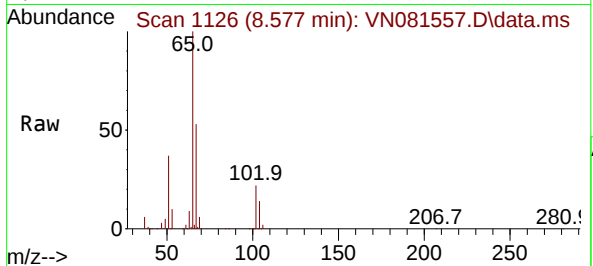
67 52.0 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081557.D

Acq: 25 Mar 2024 13:19

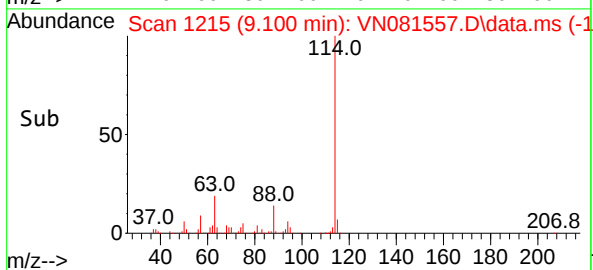
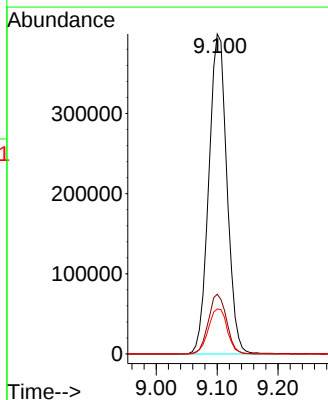
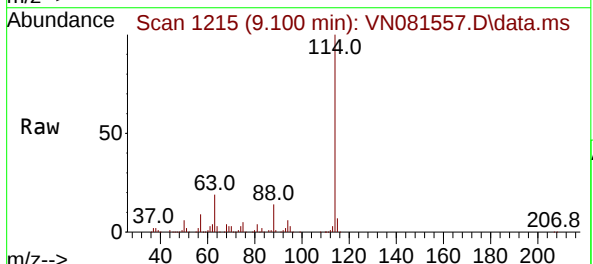
Tgt Ion:114 Resp: 825977

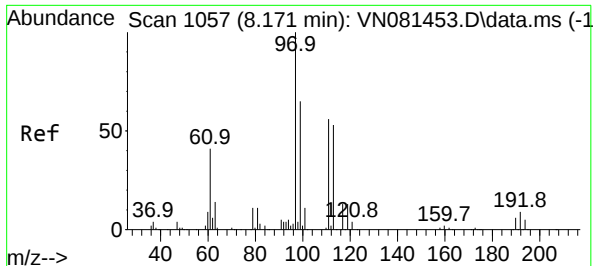
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

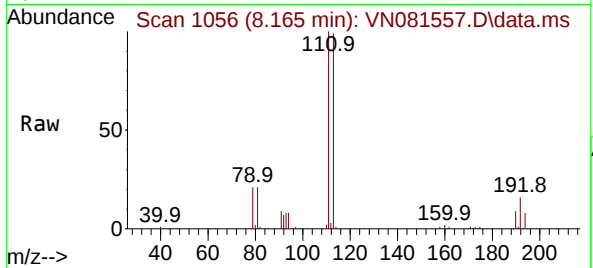
88 14.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

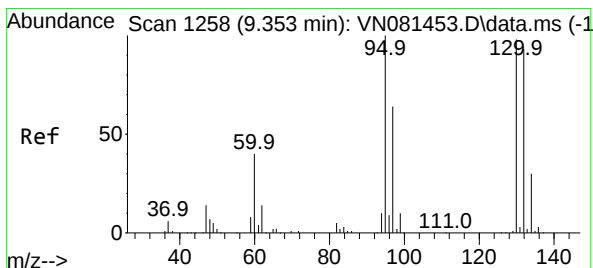
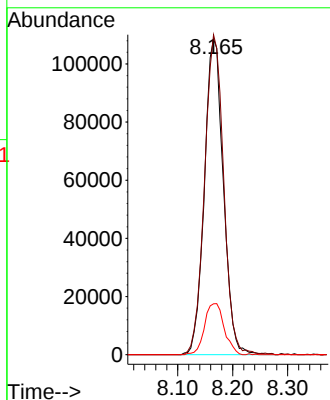
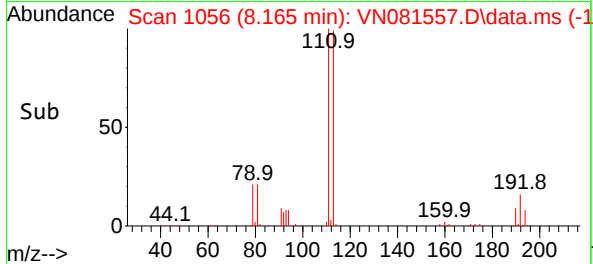
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Tgt Ion:113 Resp: 259872
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.8 12.5 18.7

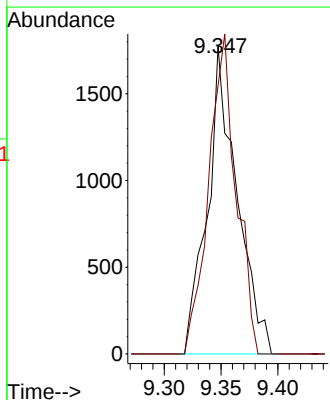
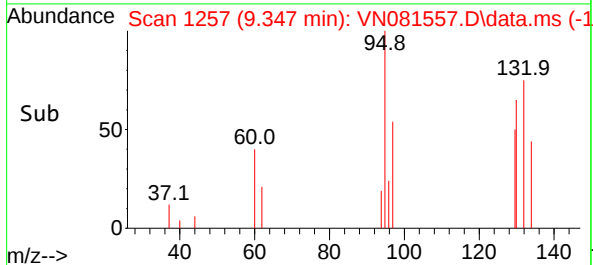
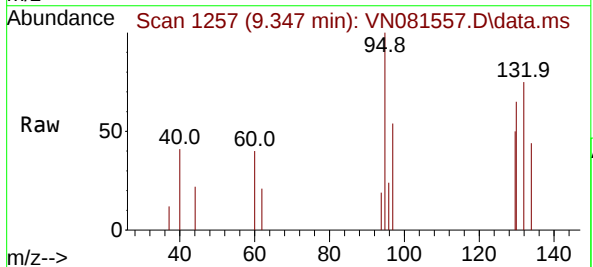
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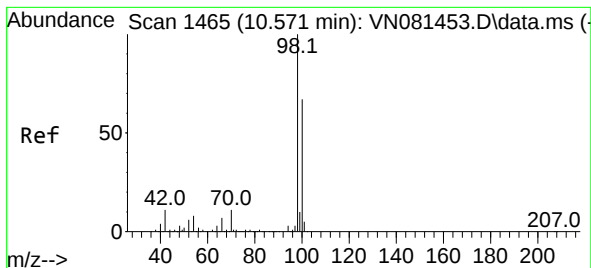
Reviewed By :John Carlone 03/26/2024
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#44
Trichloroethene
Concen: 0.446 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

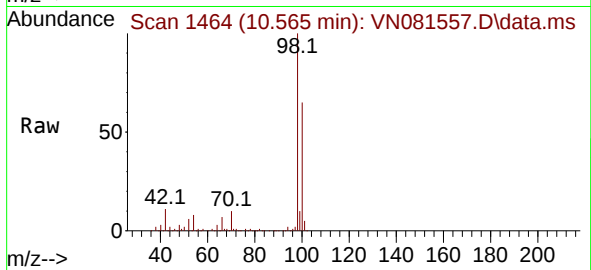
Tgt Ion:130 Resp: 3216
Ion Ratio Lower Upper
130 100
95 87.1 0.0 210.4





#50
Toluene-d8
Concen: 51.485 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

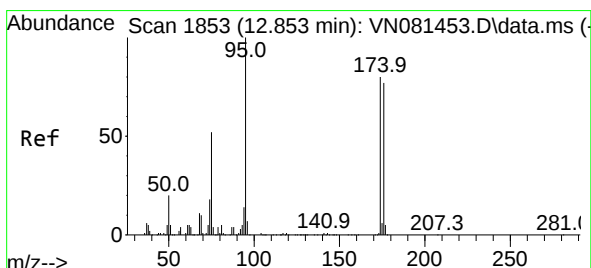
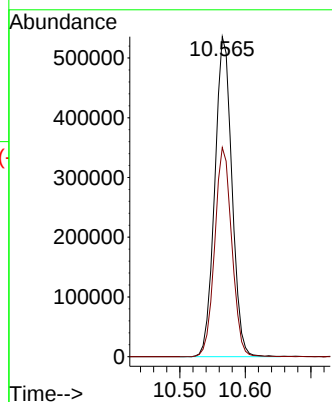
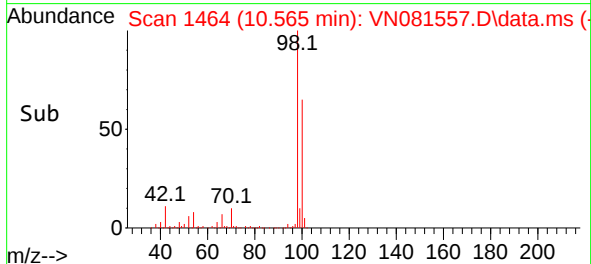
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Tgt Ion: 98 Resp: 97015
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0

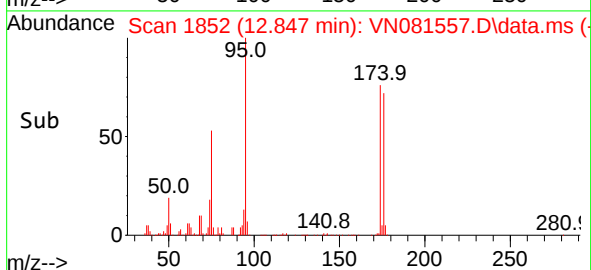
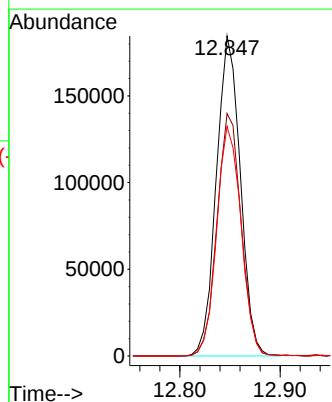
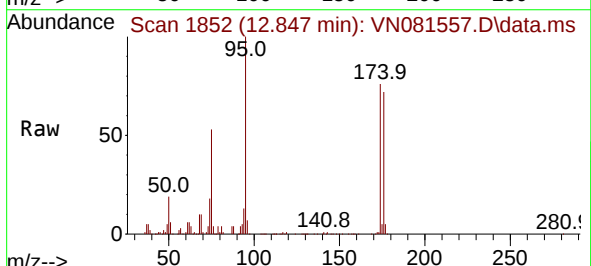
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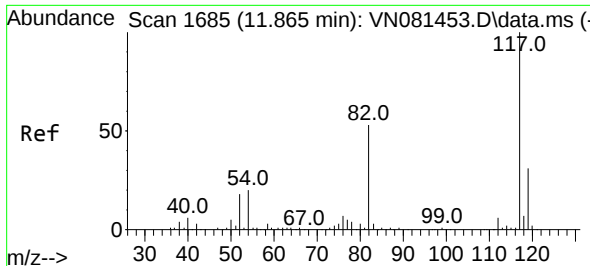
Reviewed By :John Carlone 03/26/2024
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#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

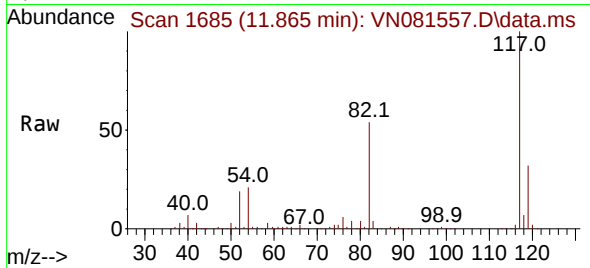
Tgt Ion: 95 Resp: 306127
Ion Ratio Lower Upper
95 100
174 76.6 0.0 120.4
176 73.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

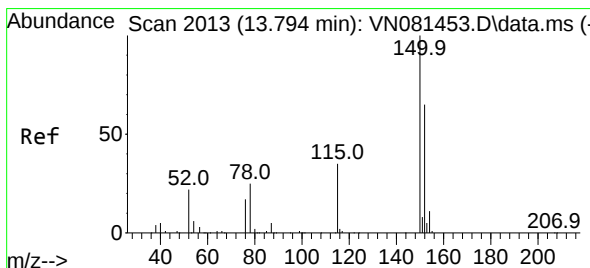
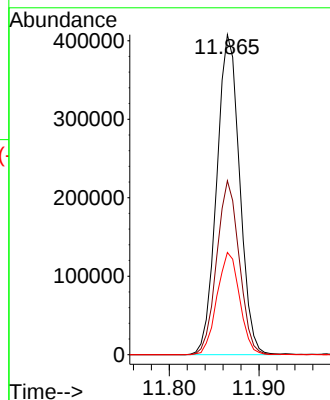
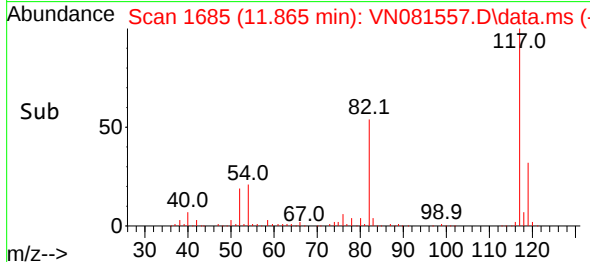
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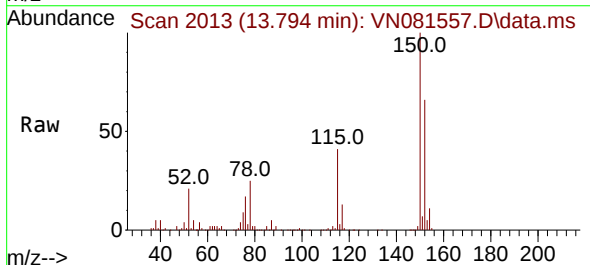
Tgt Ion:117 Resp: 722991
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 31.9 25.3 37.9

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19



Tgt Ion:152 Resp: 285684
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 155.9 0.0 339.8

