

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081555.D
 Acq On : 25 Mar 2024 12:32
 Operator : JC\MD
 Sample : P1838-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP100-20240321

Quant Time: Mar 26 01:17:34 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)

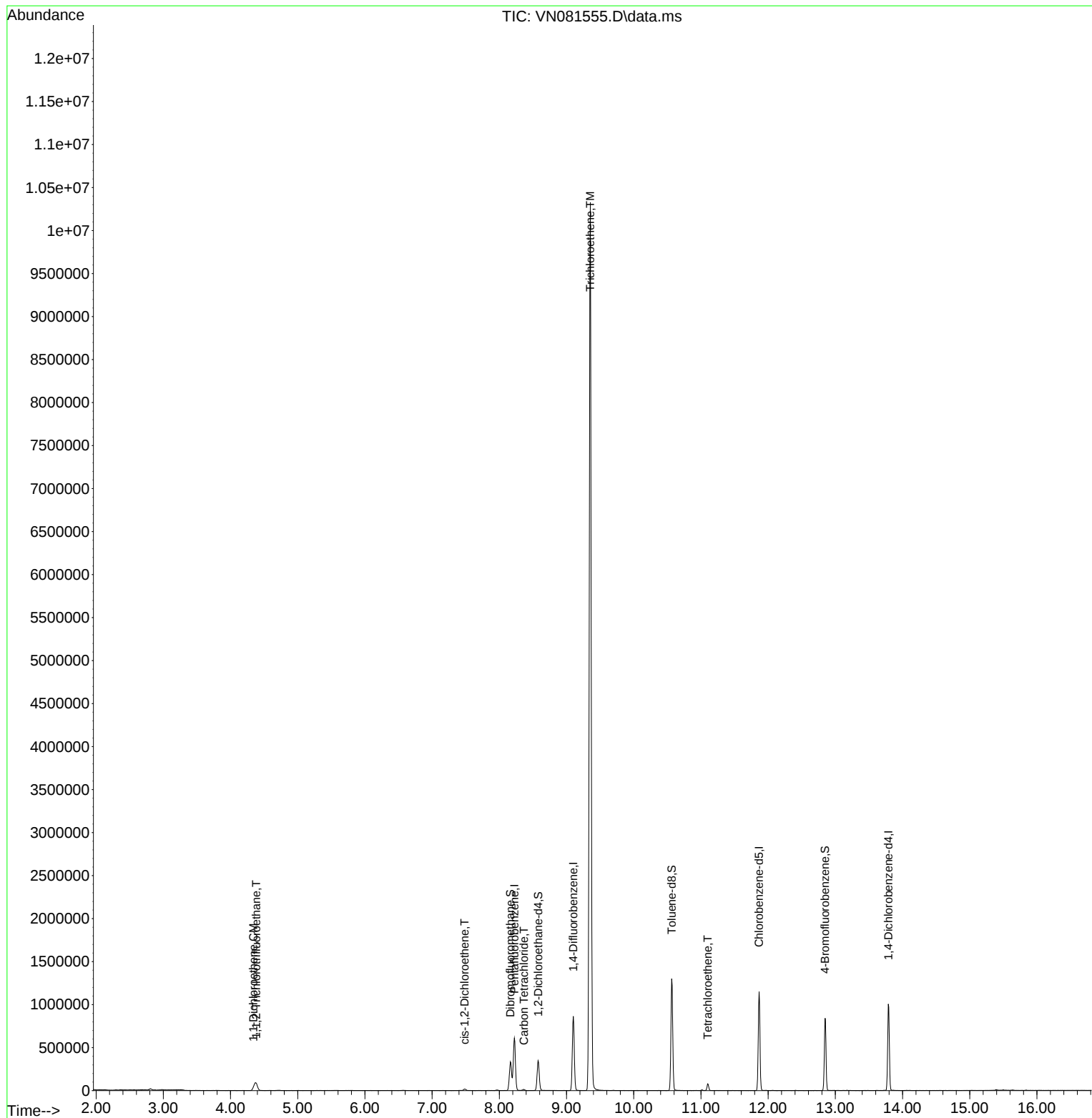
Internal Standards						
1) Pentafluorobenzene	8.224	168	442861	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	768966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	676316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	276970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	280620	49.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.380%
35) Dibromofluoromethane	8.165	113	236826	48.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.565	98	921197	52.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.847	95	284970	46.101	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.200%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.383	101	60740	10.765	ug/l	# 88
12) 1,1-Dichloroethene	4.342	96	14136	2.705	ug/l	# 76
27) cis-1,2-Dichloroethene	7.483	96	11918	1.808	ug/l	70
38) Carbon Tetrachloride	8.365	117	9293	1.039	ug/l	# 81
44) Trichloroethene	9.353	130	3685936	548.881	ug/l	94
64) Tetrachloroethene	11.100	164	17123	2.649	ug/l	93

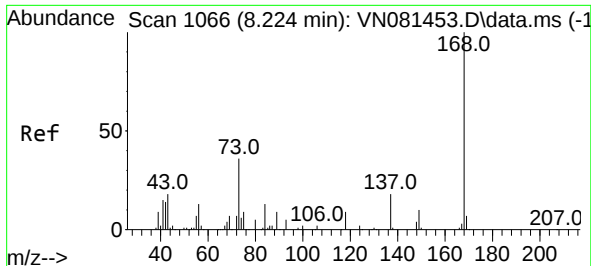
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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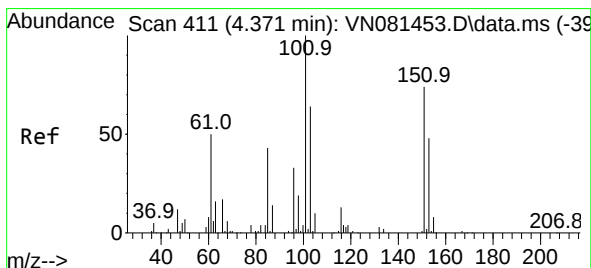
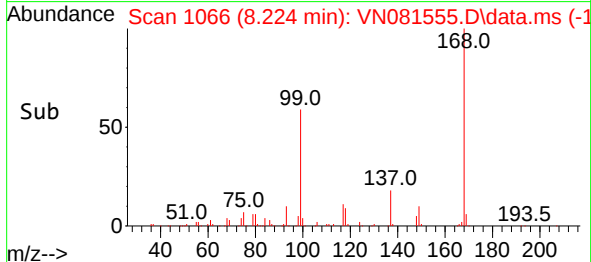
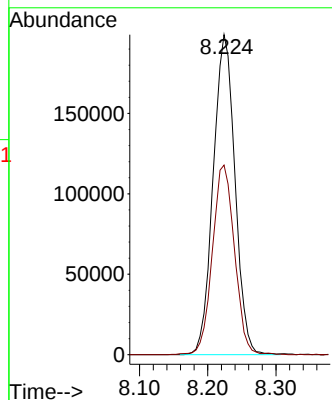
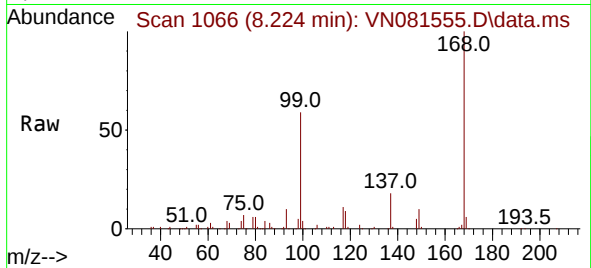




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

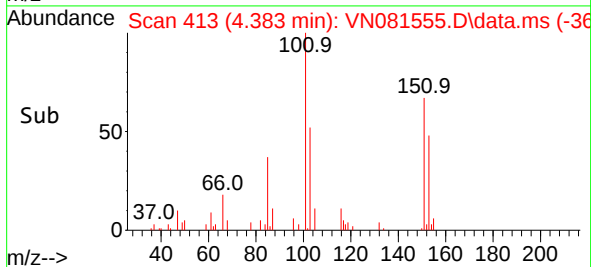
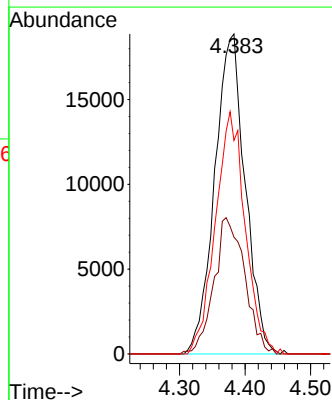
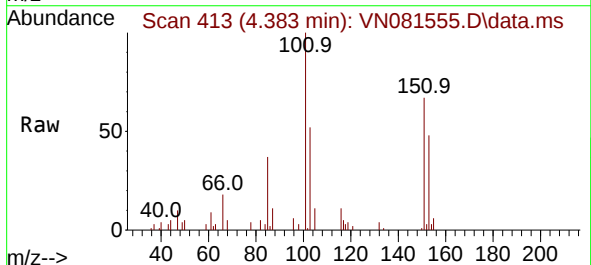
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP100-20240321

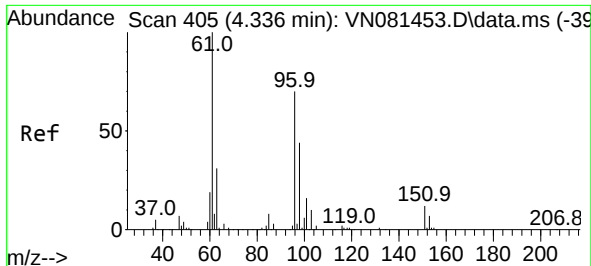
Tgt Ion:168 Resp: 442861
Ion Ratio Lower Upper
168 100
99 59.1 59.9 89.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.765 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

Tgt Ion:101 Resp: 60740
Ion Ratio Lower Upper
101 100
85 43.2 38.1 57.1
151 74.3 49.1 73.7#

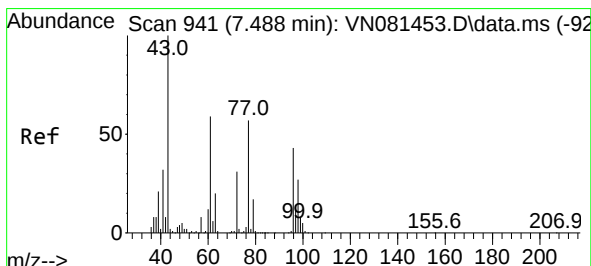
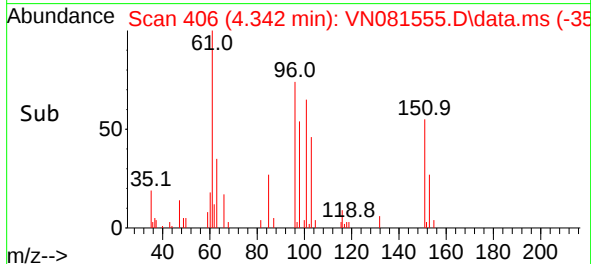
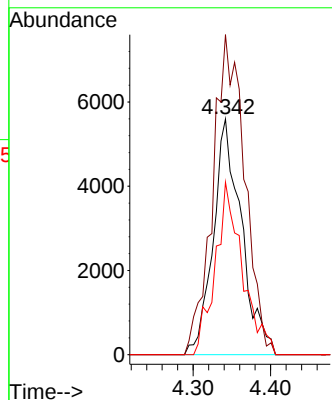
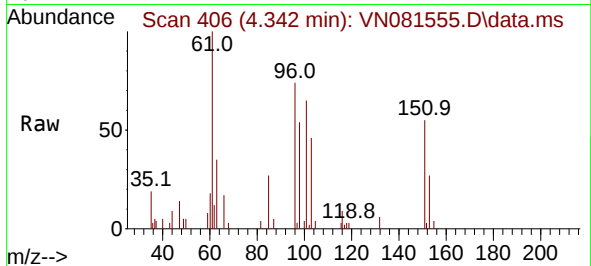




#12
1,1-Dichloroethene
Concen: 2.705 ug/l
RT: 4.342 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

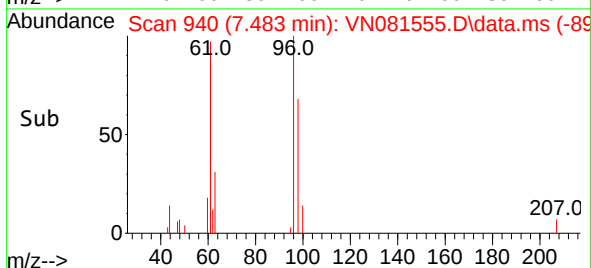
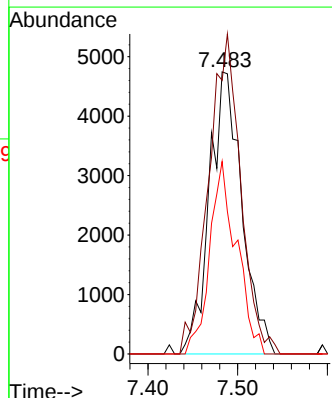
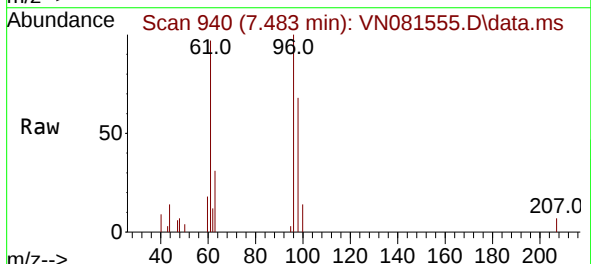
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP100-20240321

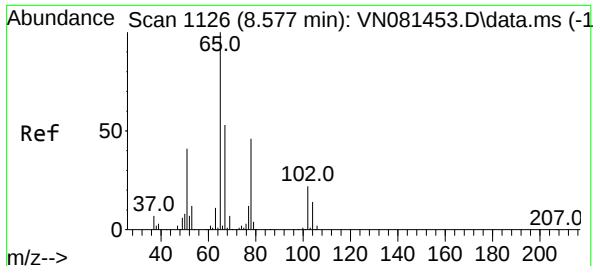
Tgt Ion: 96 Resp: 14136
Ion Ratio Lower Upper
96 100
61 135.8 138.2 207.4#
98 73.2 49.2 73.8



#27
cis-1,2-Dichloroethene
Concen: 1.808 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

Tgt Ion: 96 Resp: 11918
Ion Ratio Lower Upper
96 100
61 111.7 0.0 325.4
98 56.6 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 49.688 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081555.D

Acq: 25 Mar 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

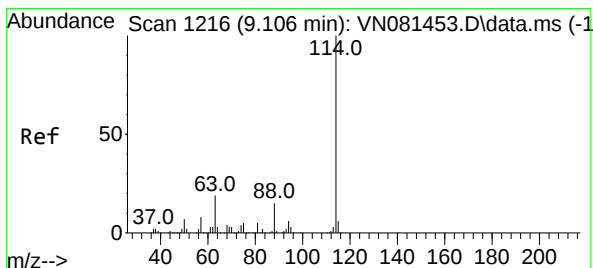
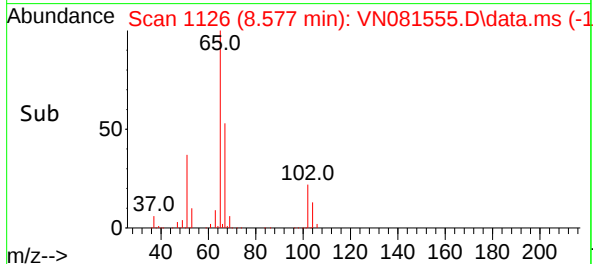
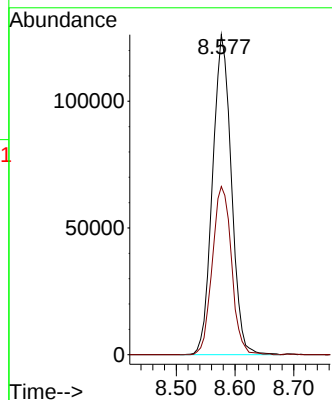
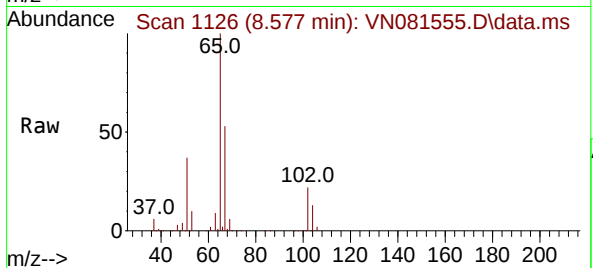
RE137-SP100-20240321

Tgt Ion: 65 Resp: 280620

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081555.D

Acq: 25 Mar 2024 12:32

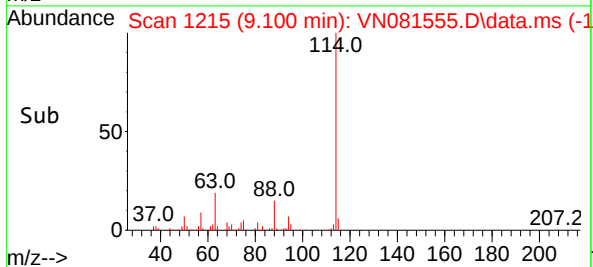
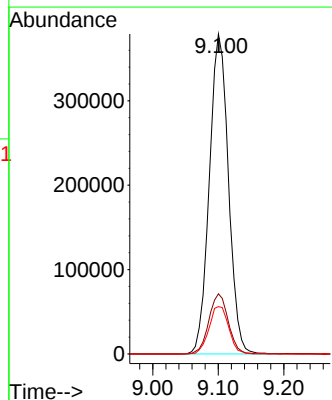
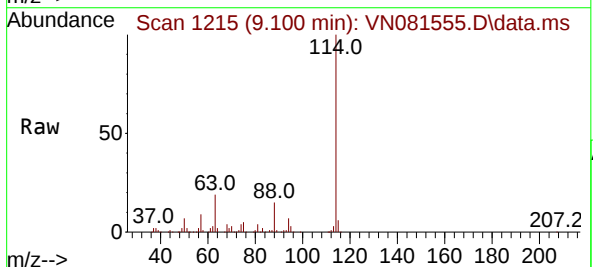
Tgt Ion: 114 Resp: 768966

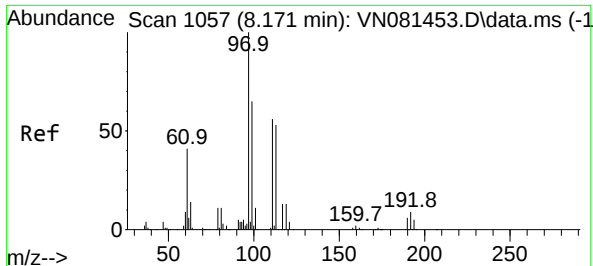
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.800 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081555.D

Acq: 25 Mar 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP100-20240321

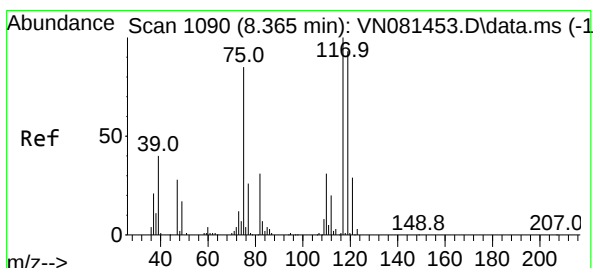
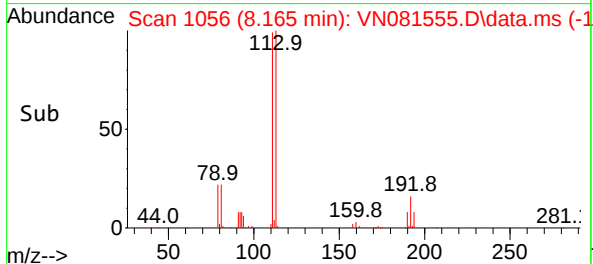
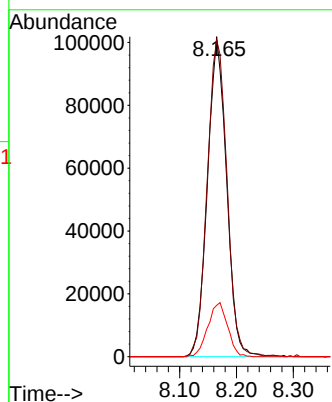
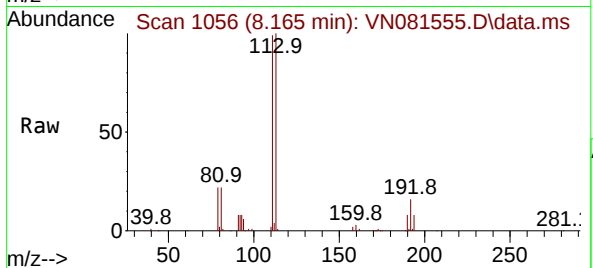
Tgt Ion:113 Resp: 236826

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.5 12.5 18.7



#38

Carbon Tetrachloride

Concen: 1.039 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081555.D

Acq: 25 Mar 2024 12:32

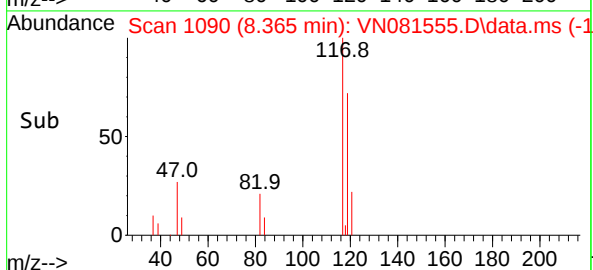
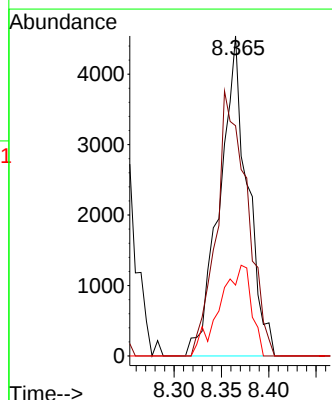
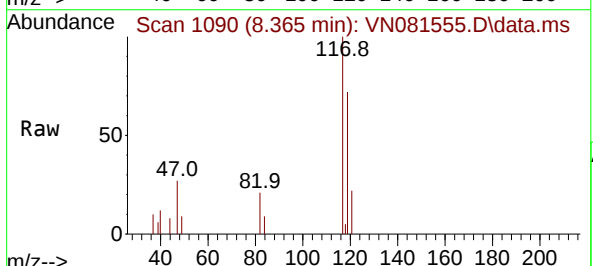
Tgt Ion:117 Resp: 9293

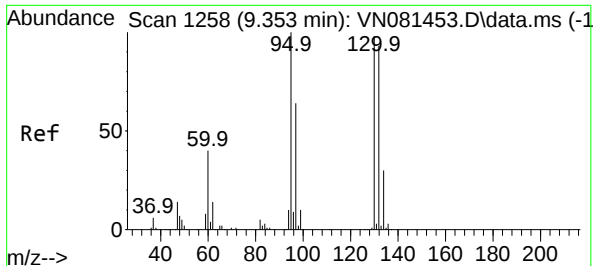
Ion Ratio Lower Upper

117 100

119 72.0 73.4 110.2#

121 22.1 24.4 36.6#

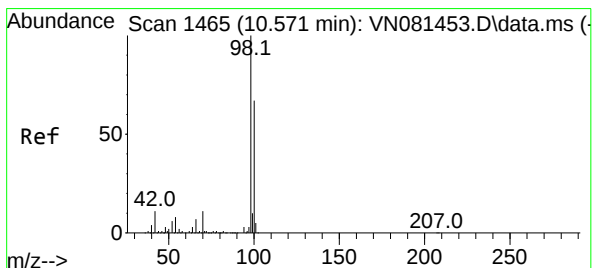
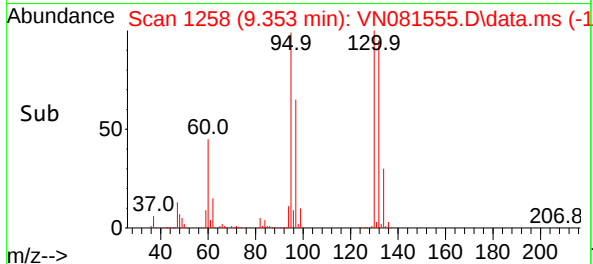
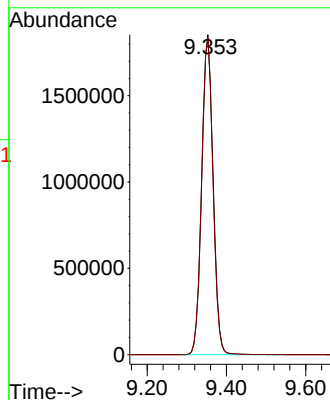
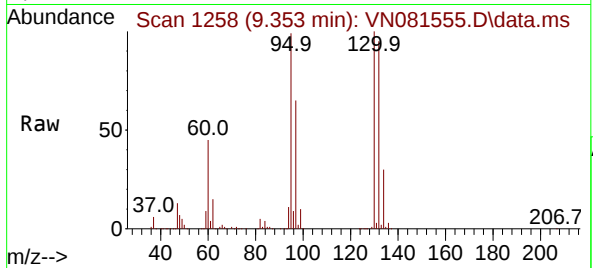




#44
Trichloroethene
Concen: 548.881 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

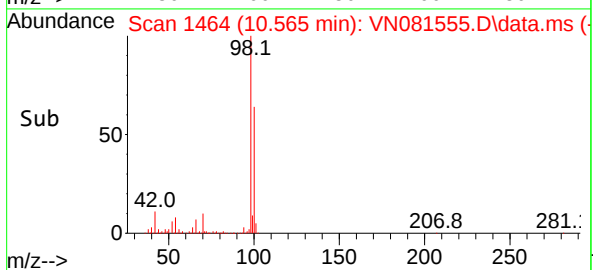
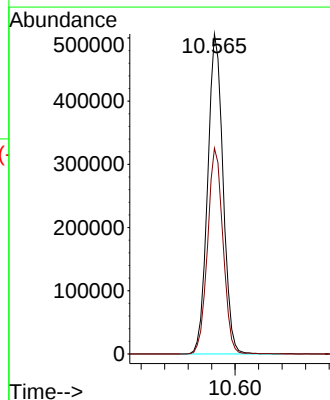
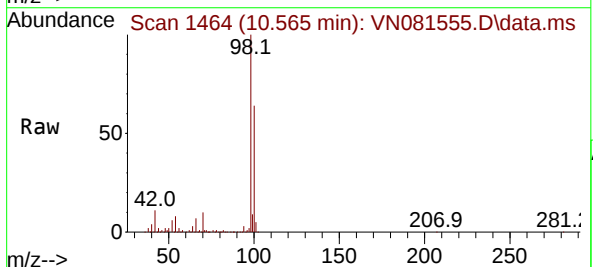
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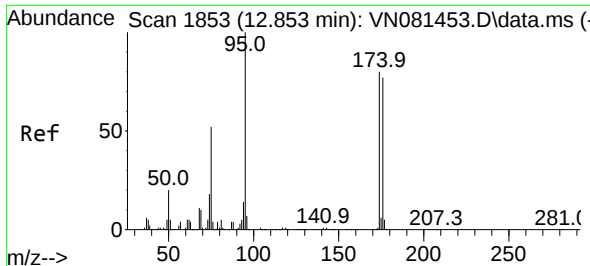
Tgt Ion:130 Resp: 3685936
Ion Ratio Lower Upper
130 100
95 99.0 0.0 210.4



#50
Toluene-d8
Concen: 52.511 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

Tgt Ion: 98 Resp: 921197
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

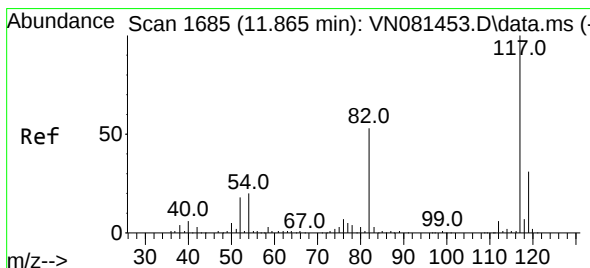
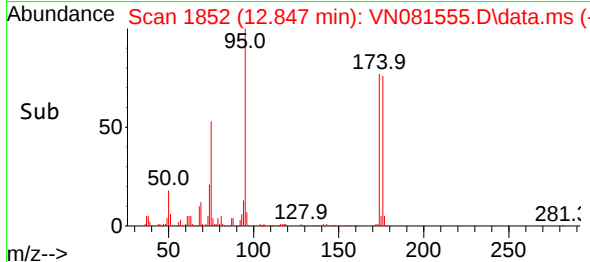
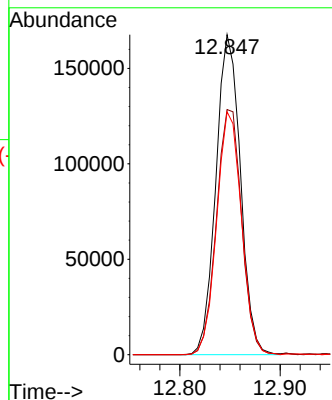
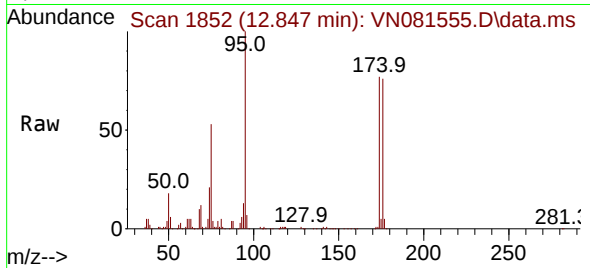




#62
4-Bromofluorobenzene
Concen: 46.101 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

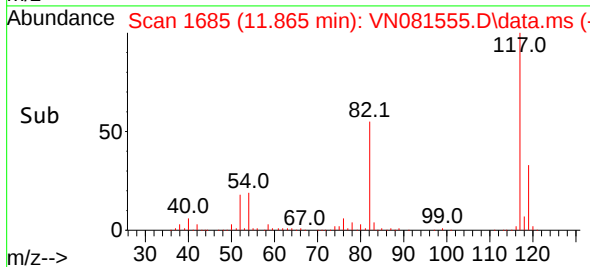
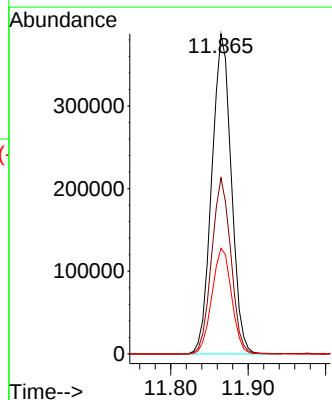
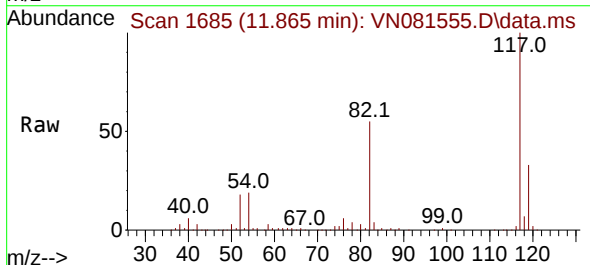
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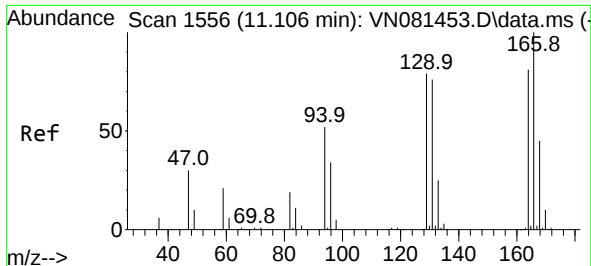
Tgt Ion: 95 Resp: 284970
Ion Ratio Lower Upper
95 100
174 78.7 0.0 120.4
176 76.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

Tgt Ion: 117 Resp: 676316
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 33.0 25.3 37.9

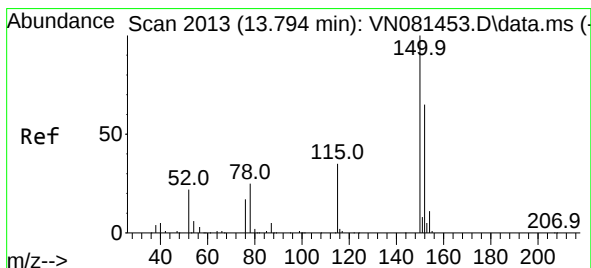
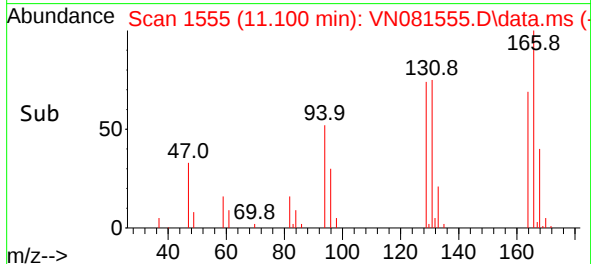
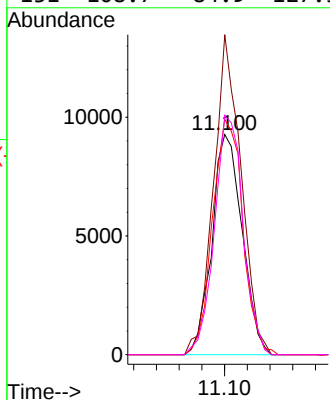
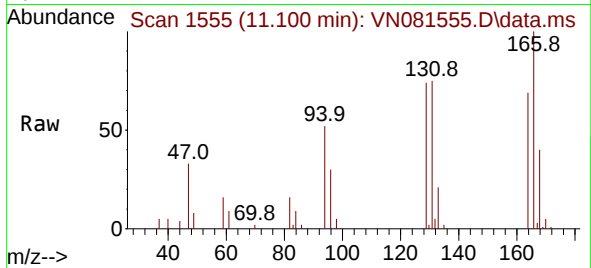




#64
Tetrachloroethene
Concen: 2.649 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP100-20240321

Tgt Ion:164 Resp: 17123
Ion Ratio Lower Upper
164 100
166 145.3 105.8 158.6
129 106.9 89.6 134.4
131 108.7 84.9 127.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN081555.D
Acq: 25 Mar 2024 12:32

Tgt Ion:152 Resp: 276970
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 158.0 0.0 339.8

