

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081564.D
 Acq On : 25 Mar 2024 16:05
 Operator : JC\MD
 Sample : P1838-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP100-20240321DL

Quant Time: Mar 26 01:20:50 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)

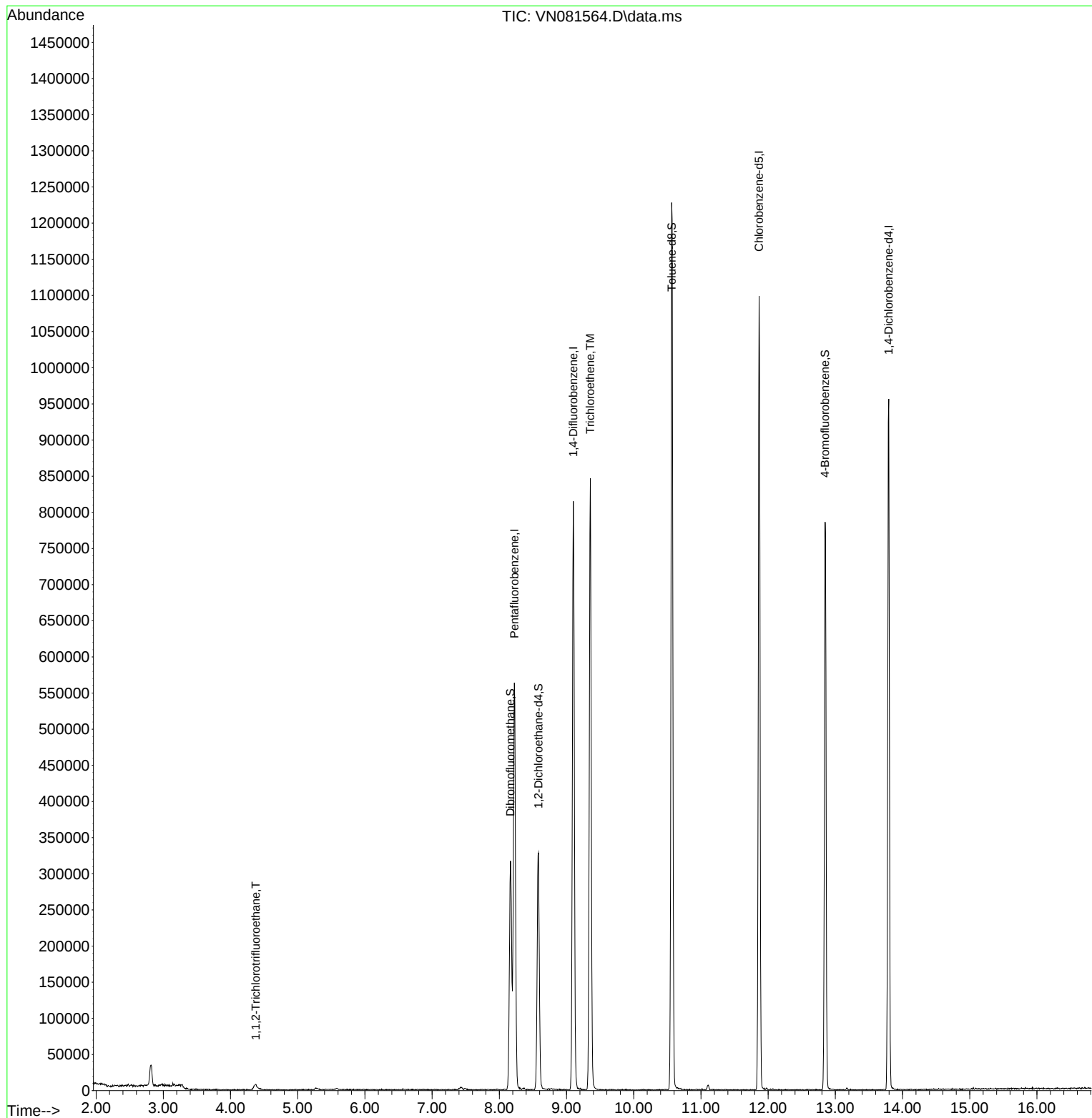
Internal Standards						
1) Pentafluorobenzene	8.224	168	398594	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	726237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	655964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	264597	52.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.100%
35) Dibromofluoromethane	8.165	113	229052	49.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	10.565	98	874338	52.773	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.847	95	278835	47.763	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.520%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.377	101	5485	1.080	ug/l	# 77
44) Trichloroethene	9.353	130	302725	47.732	ug/l	99

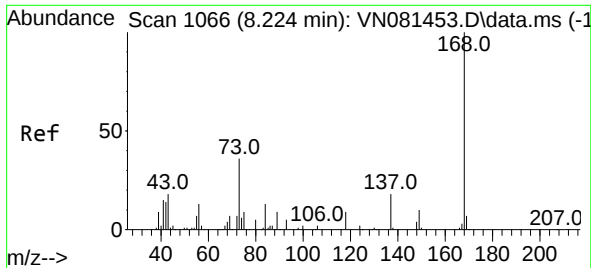
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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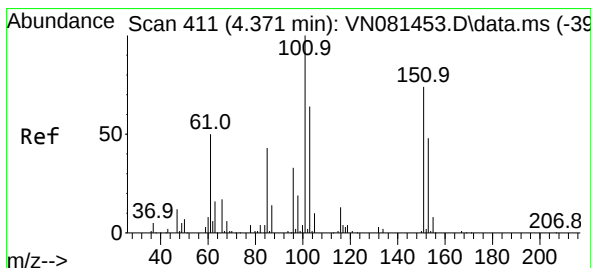
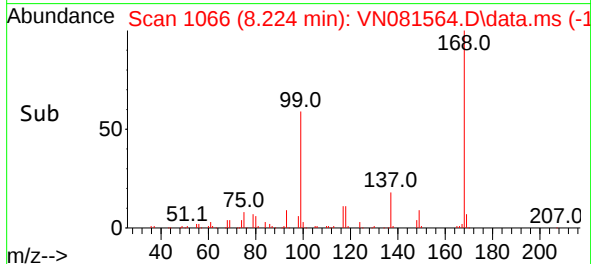
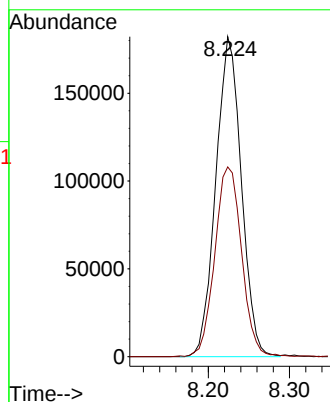
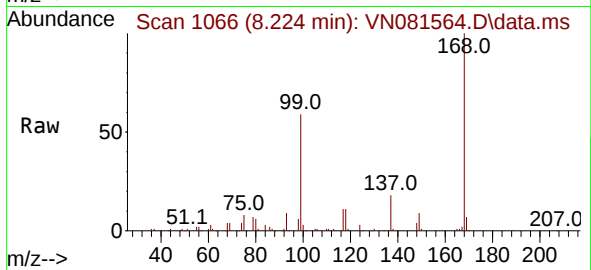




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

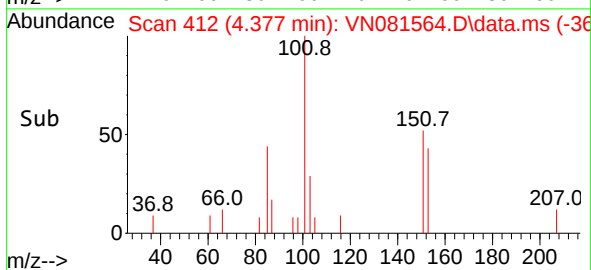
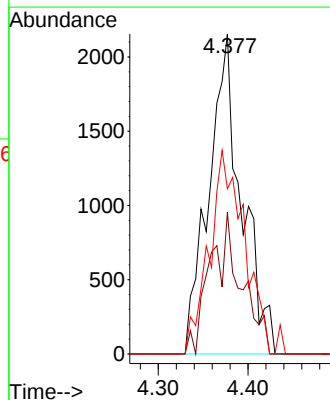
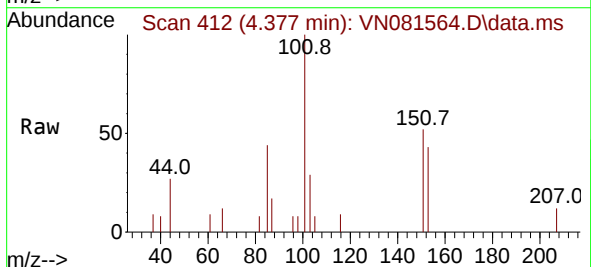
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP100-20240321DL

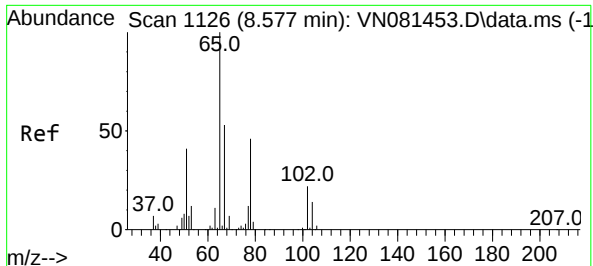
Tgt Ion:168 Resp: 398594
Ion Ratio Lower Upper
168 100
99 59.1 59.9 89.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.080 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

Tgt Ion:101 Resp: 5485
Ion Ratio Lower Upper
101 100
85 18.9 38.1 57.1#
151 67.5 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 52.054 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081564.D

Acq: 25 Mar 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

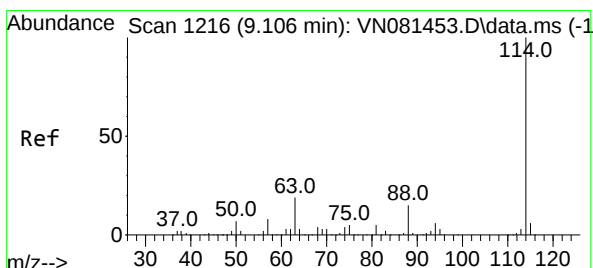
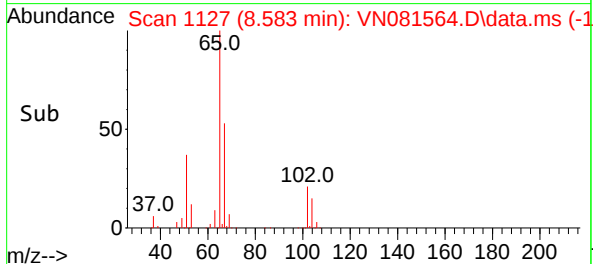
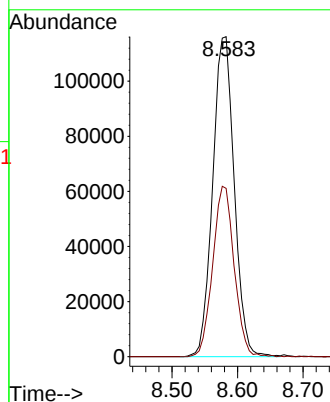
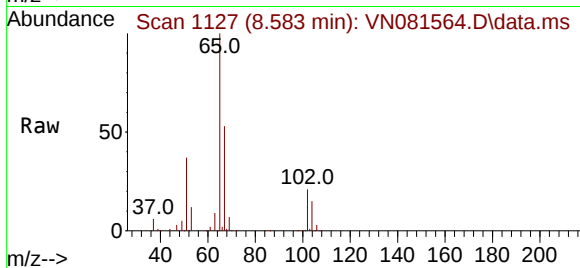
RE137-SP100-20240321DL

Tgt Ion: 65 Resp: 264597

Ion Ratio Lower Upper

65 100

67 53.1 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: VN081564.D

Acq: 25 Mar 2024 16:05

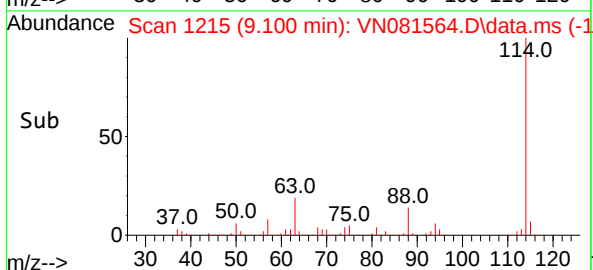
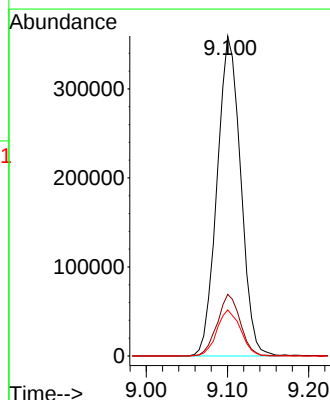
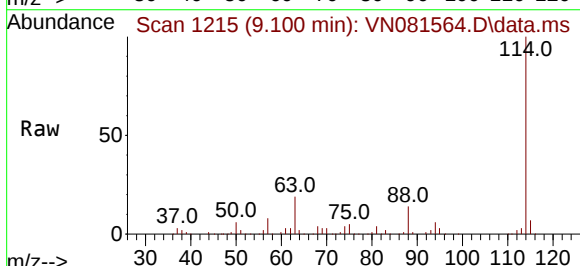
Tgt Ion: 114 Resp: 726237

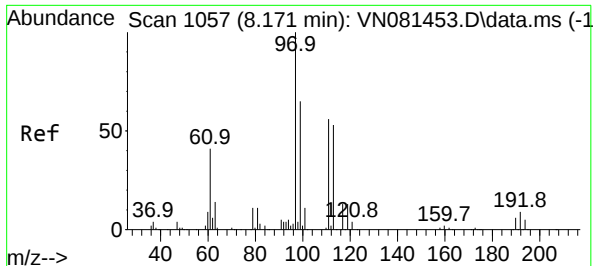
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 14.4 0.0 34.8

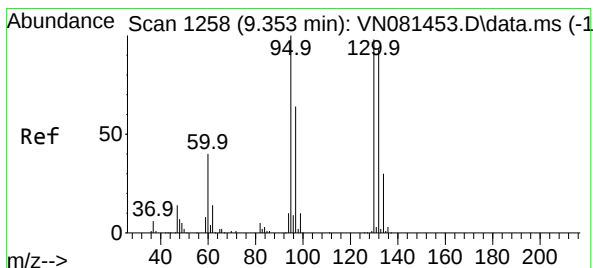
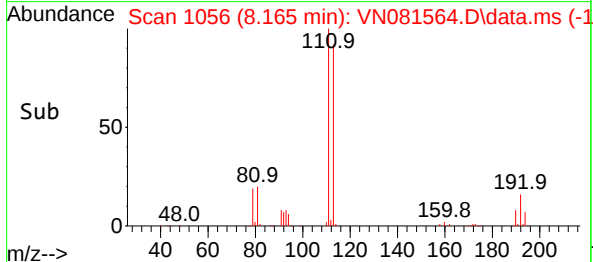
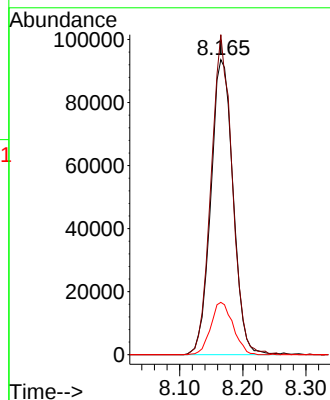
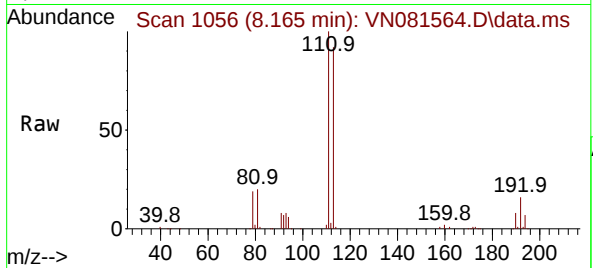




#35
Dibromofluoromethane
Concen: 49.975 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

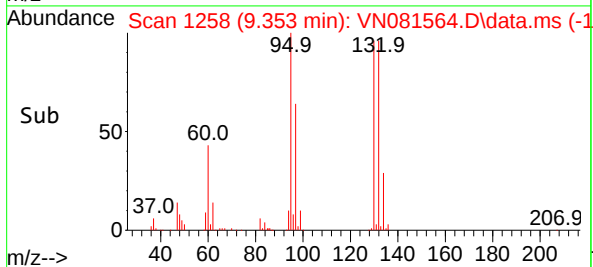
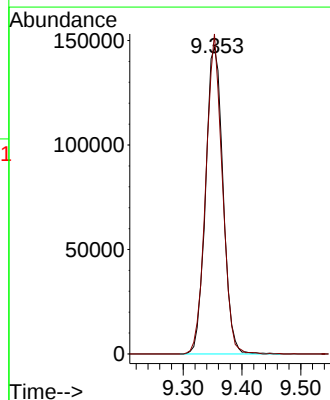
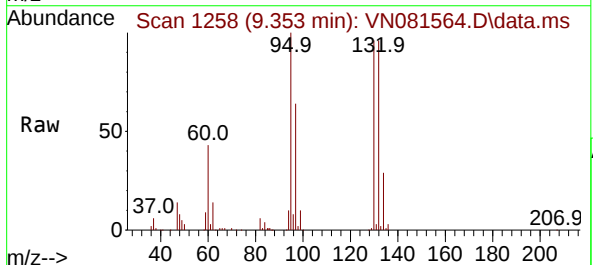
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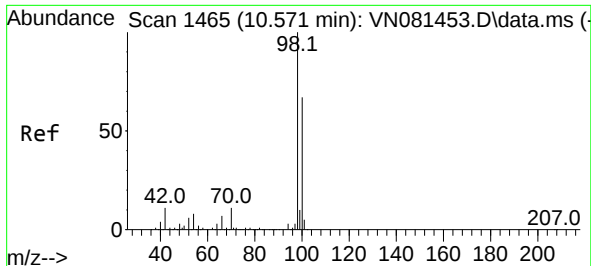
Tgt Ion:113 Resp: 229052
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.7 12.5 18.7



#44
Trichloroethene
Concen: 47.732 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

Tgt Ion:130 Resp: 302725
Ion Ratio Lower Upper
130 100
95 104.4 0.0 210.4

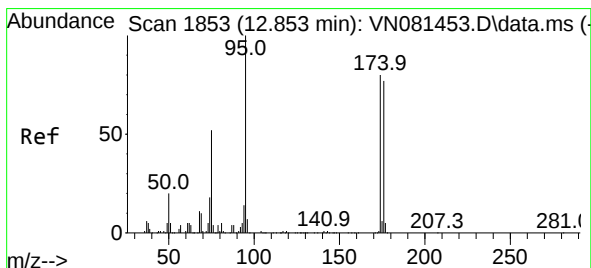
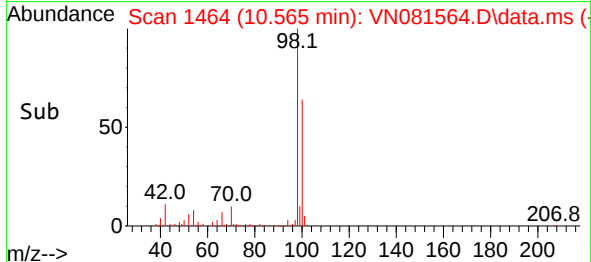
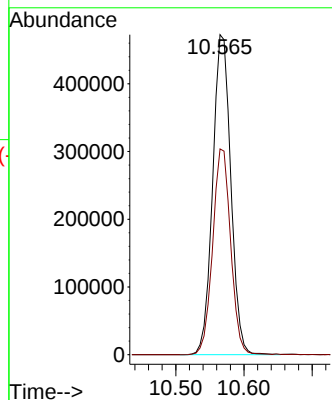
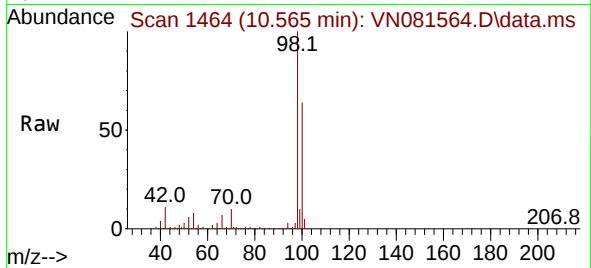




#50
Toluene-d8
Concen: 52.773 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

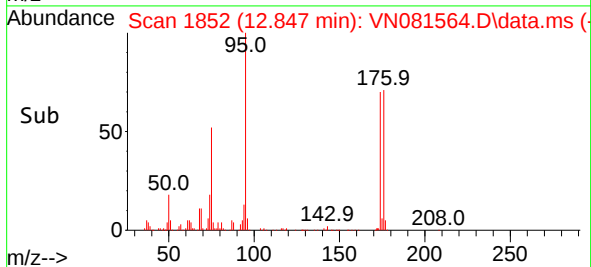
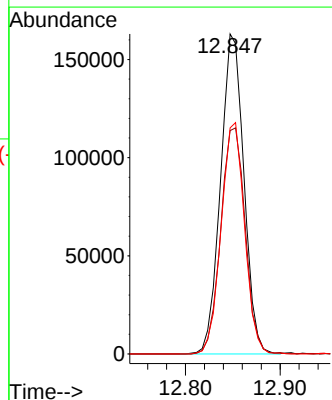
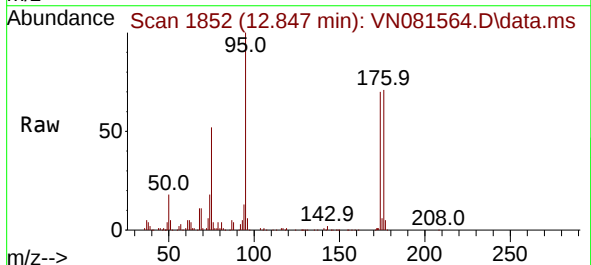
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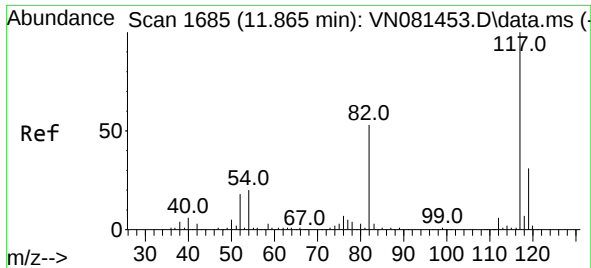
Tgt Ion: 98 Resp: 874338
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.763 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

Tgt Ion: 95 Resp: 278835
Ion Ratio Lower Upper
95 100
174 74.1 0.0 120.4
176 72.5 0.0 121.0

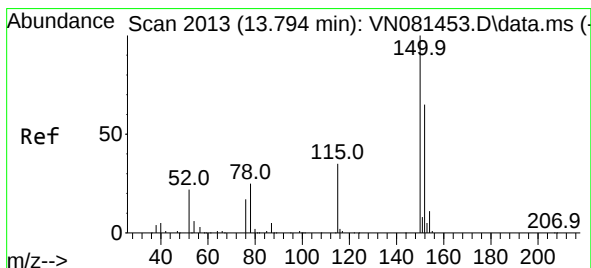
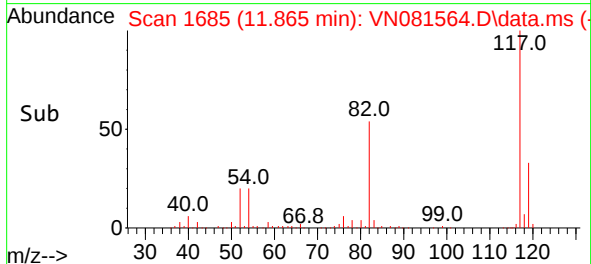
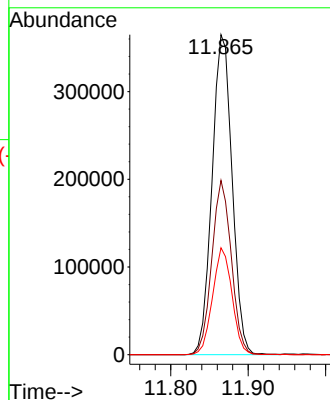
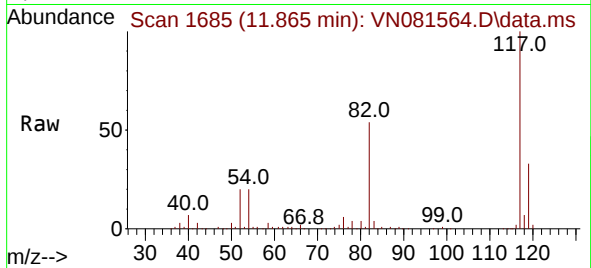




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP100-20240321DL

Tgt Ion:117 Resp: 655964
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 33.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081564.D
Acq: 25 Mar 2024 16:05

Tgt Ion:152 Resp: 256829
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 159.1 0.0 339.8

