

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081560.D
 Acq On : 25 Mar 2024 14:30
 Operator : JC\MD
 Sample : P1838-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300D-20240321

Quant Time: Mar 26 01:19:24 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)

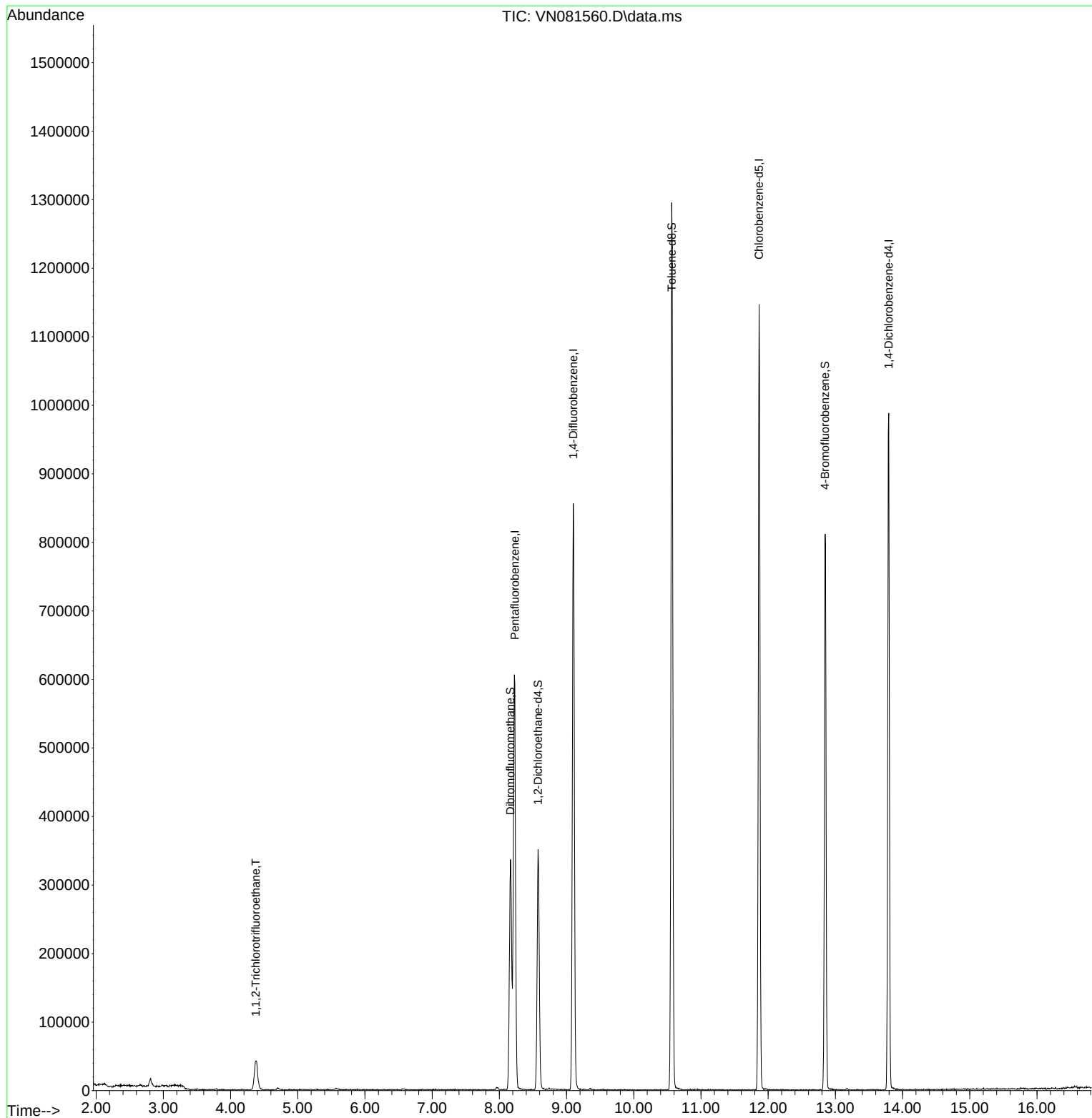
Internal Standards						
1) Pentafluorobenzene	8.229	168	441439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	769822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	673621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	275084	48.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.165	113	241680	49.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.565	98	905493	51.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.847	95	278070	44.935	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.860%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	30172	5.365	ug/l	# 82

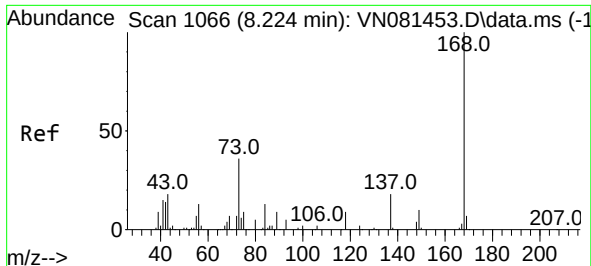
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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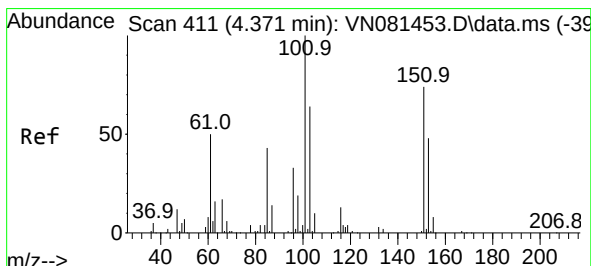
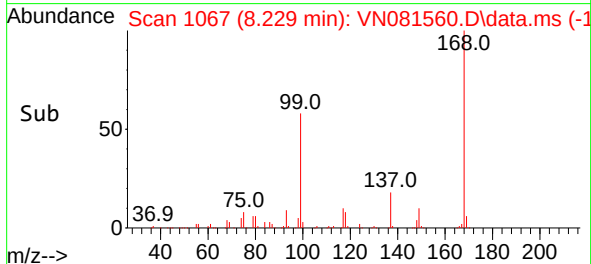
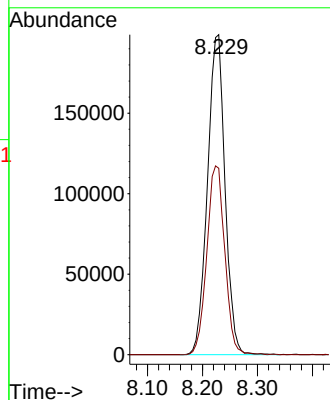
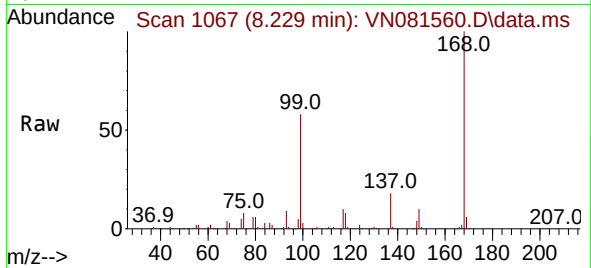




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

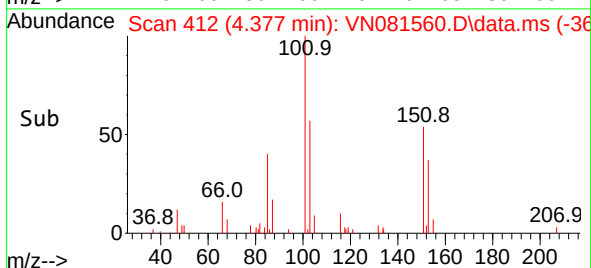
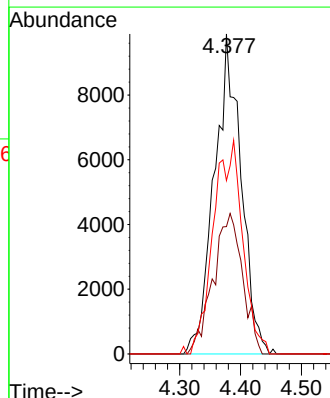
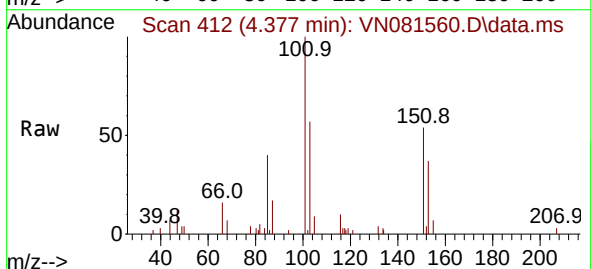
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300D-20240321

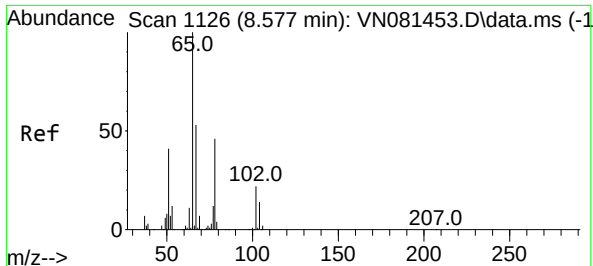
Tgt Ion:168 Resp: 441439
Ion Ratio Lower Upper
168 100
99 58.3 59.9 89.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.365 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion:101 Resp: 30172
Ion Ratio Lower Upper
101 100
85 48.3 38.1 57.1
151 37.0 49.1 73.7#





#33

1,2-Dichloroethane-d4

Concen: 48.865 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081560.D

Acq: 25 Mar 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

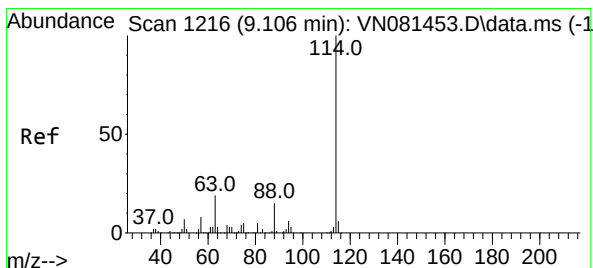
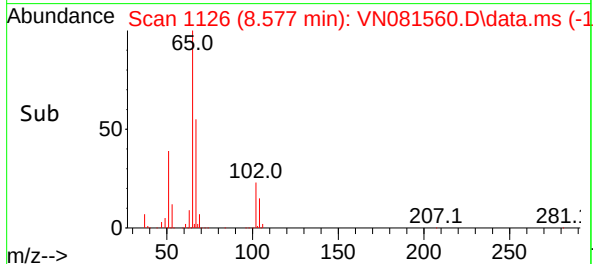
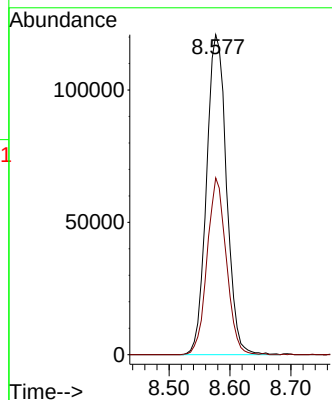
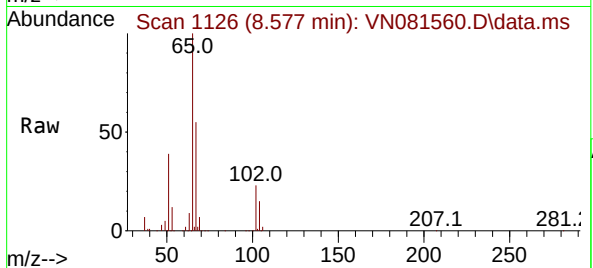
RE137-SP300D-20240321

Tgt Ion: 65 Resp: 275084

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: VN081560.D

Acq: 25 Mar 2024 14:30

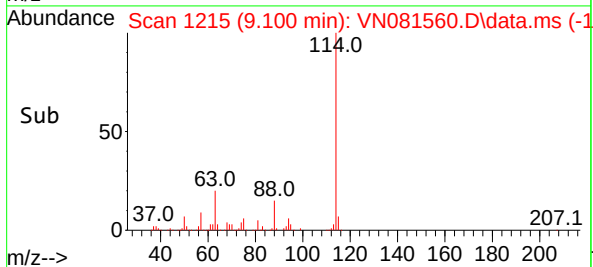
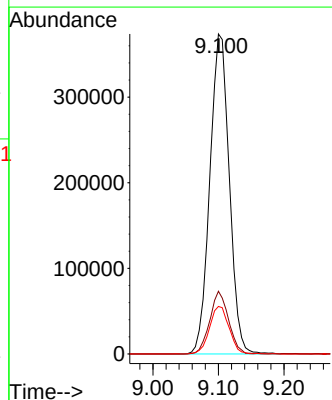
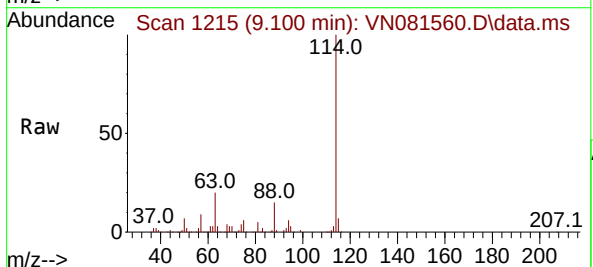
Tgt Ion: 114 Resp: 769822

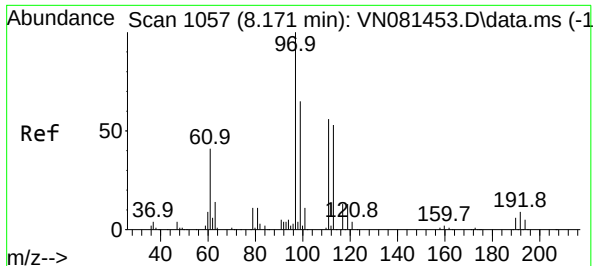
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.745 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081560.D

Acq: 25 Mar 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300D-20240321

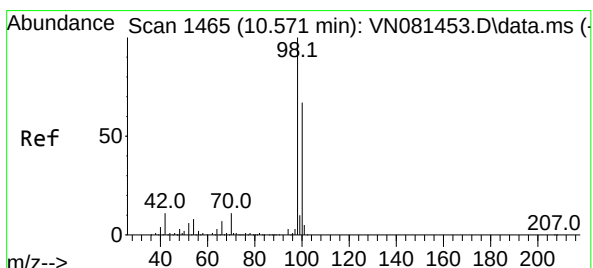
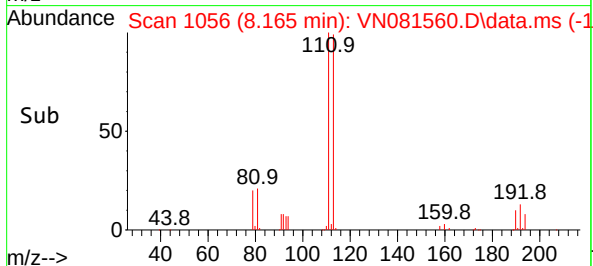
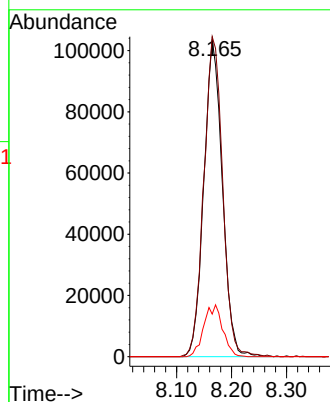
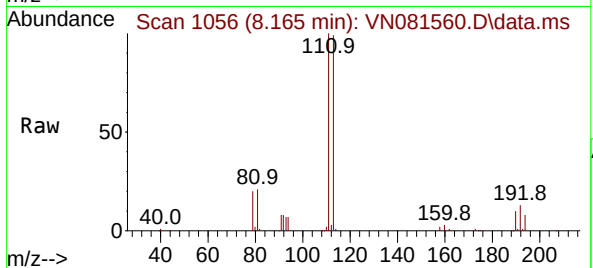
Tgt Ion:113 Resp: 241680

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 16.8 12.5 18.7



#50

Toluene-d8

Concen: 51.559 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081560.D

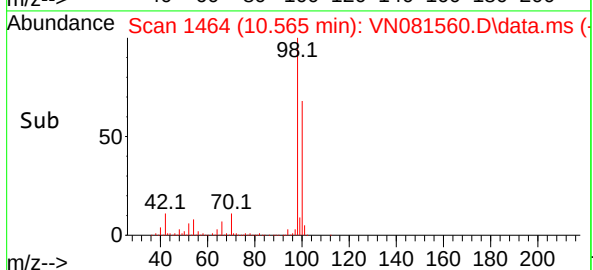
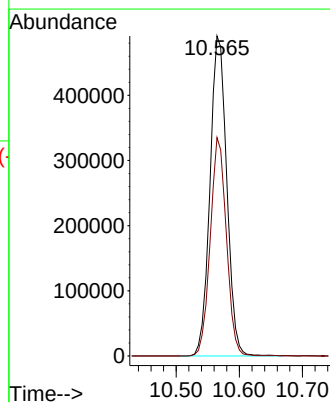
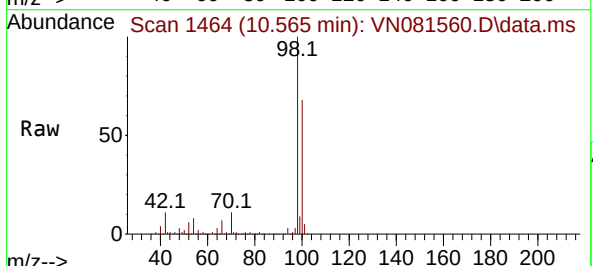
Acq: 25 Mar 2024 14:30

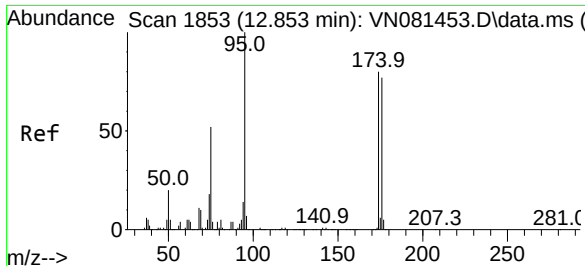
Tgt Ion: 98 Resp: 905493

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

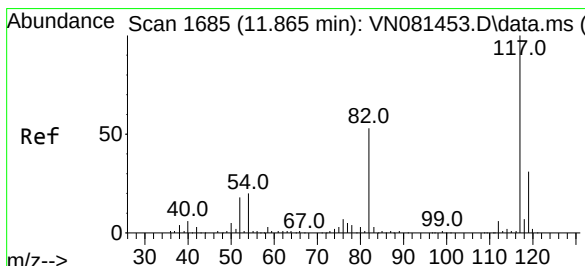
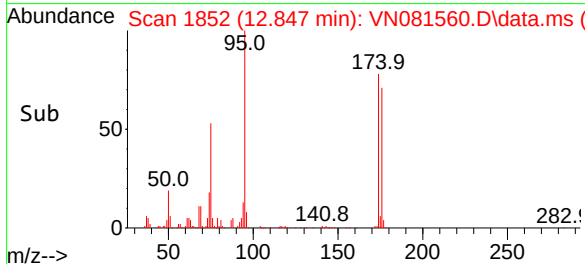
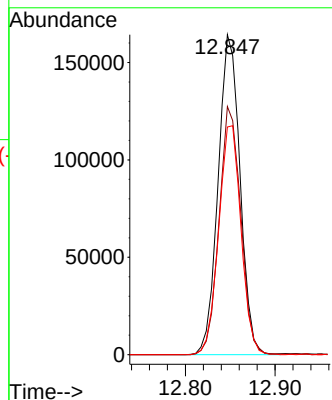
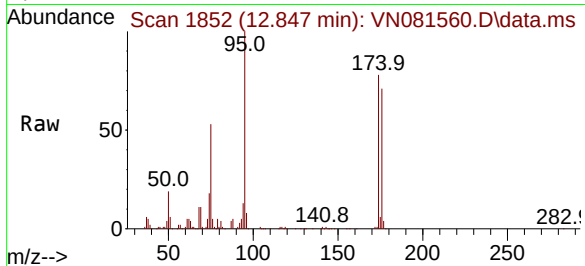




#62
4-Bromofluorobenzene
Concen: 44.935 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

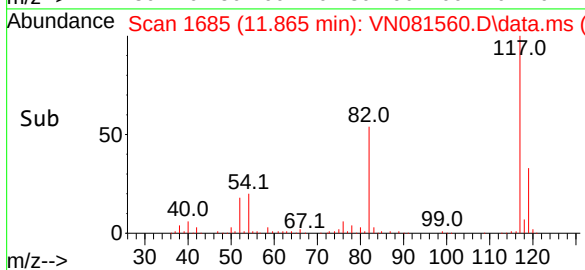
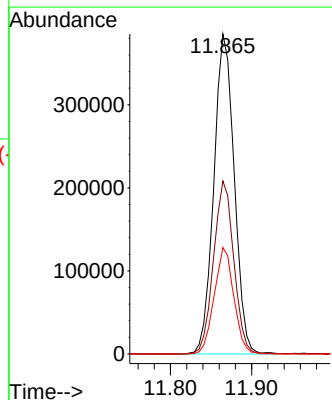
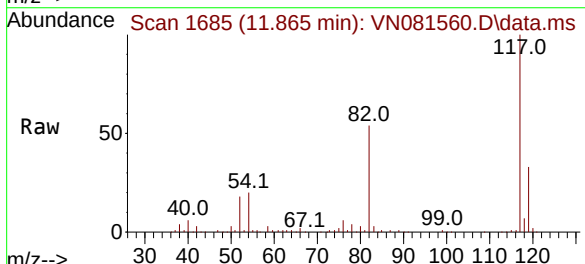
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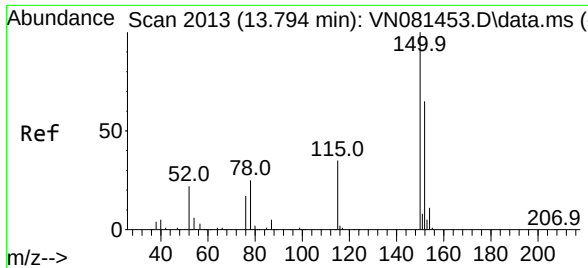
Tgt Ion: 95 Resp: 278070
Ion Ratio Lower Upper
95 100
174 76.8 0.0 120.4
176 73.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

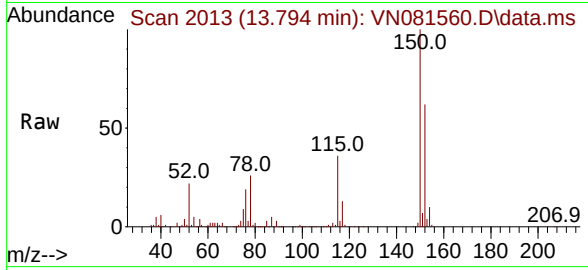
Tgt Ion: 117 Resp: 673621
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 33.2 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081560.D
 Acq: 25 Mar 2024 14:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300D-20240321



Tgt Ion:	152	Resp:	262357
Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.3	96.8
150	160.7	0.0	339.8

