

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081578.D
 Acq On : 26 Mar 2024 14:13
 Operator : JC\MD
 Sample : P1838-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP302-20240321

Quant Time: Mar 27 04:37:23 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)

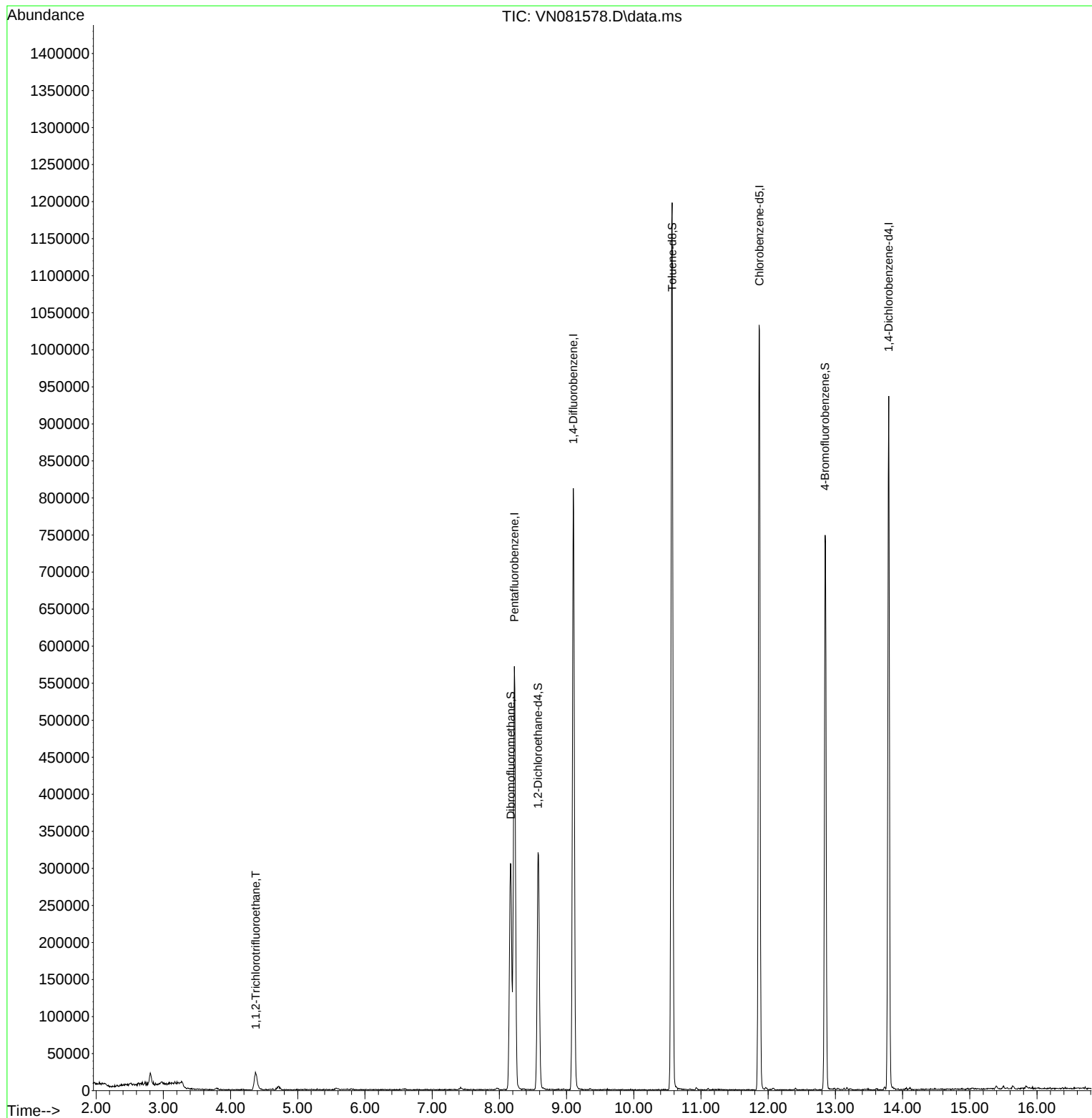
Internal Standards						
1) Pentafluorobenzene	8.224	168	411342	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	721063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	631801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	249332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	261646	49.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.760%
35) Dibromofluoromethane	8.171	113	226538	49.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.571	98	847700	51.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.847	95	260963	45.022	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.040%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	15654	2.987	ug/l	# 86

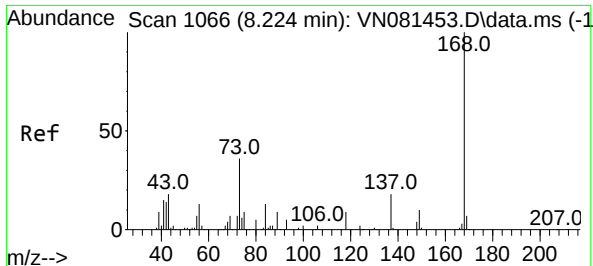
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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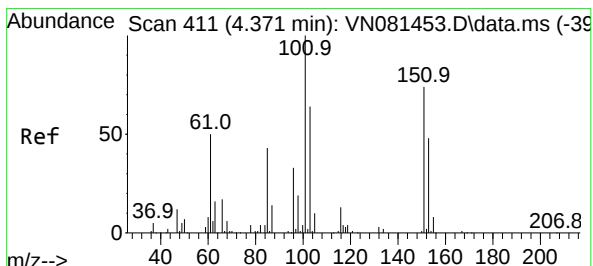
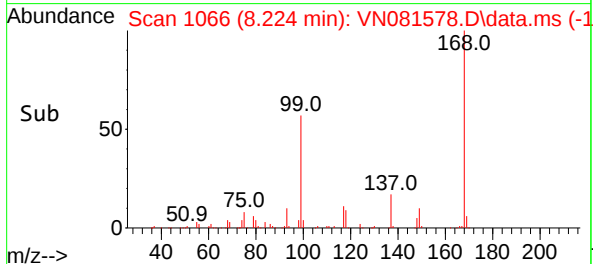
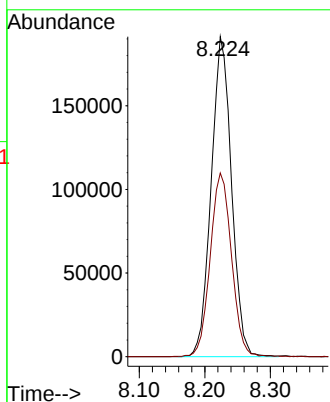
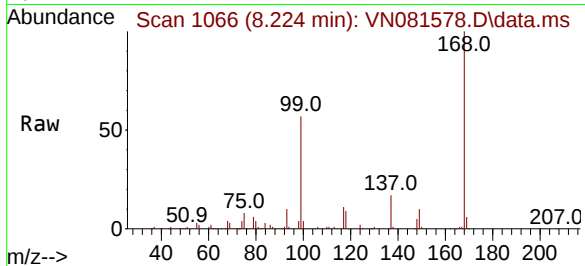




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081578.D
Acq: 26 Mar 2024 14:13

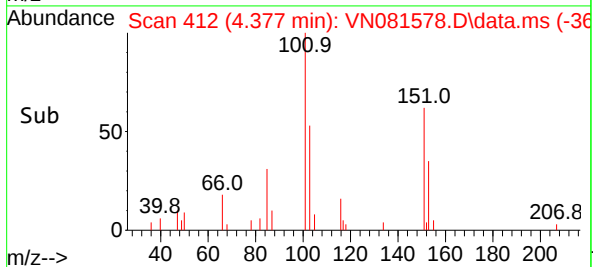
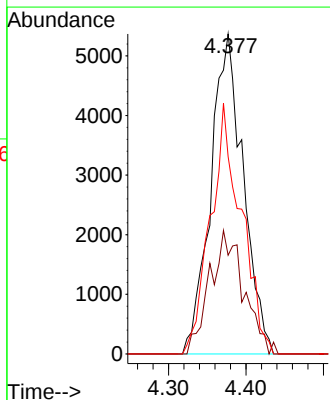
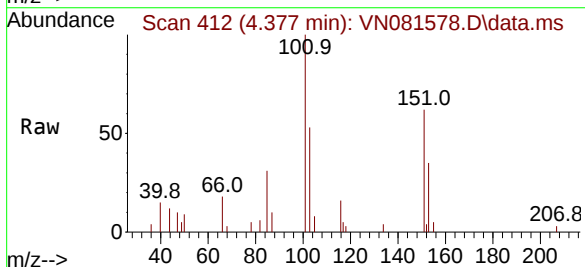
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP302-20240321

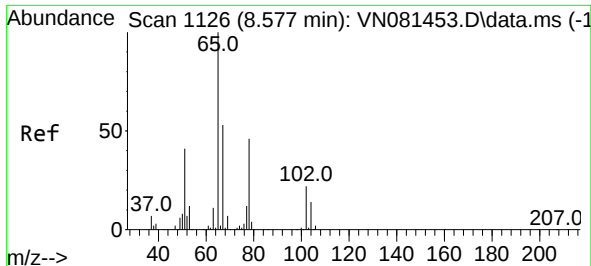
Tgt Ion:168 Resp: 411342
Ion Ratio Lower Upper
168 100
99 57.3 59.9 89.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.987 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081578.D
Acq: 26 Mar 2024 14:13

Tgt Ion:101 Resp: 15654
Ion Ratio Lower Upper
101 100
85 40.4 38.1 57.1
151 74.2 49.1 73.7#





#33

1,2-Dichloroethane-d4

Concen: 49.878 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081578.D

Acq: 26 Mar 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

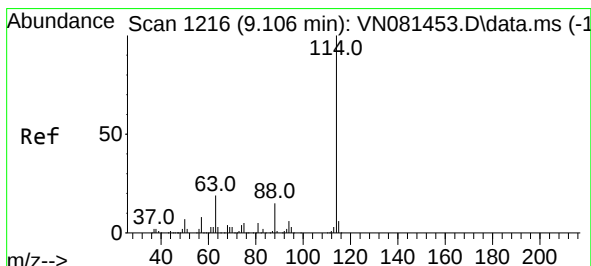
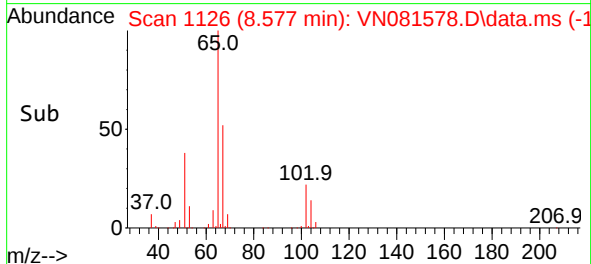
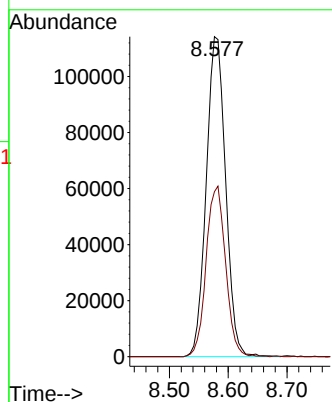
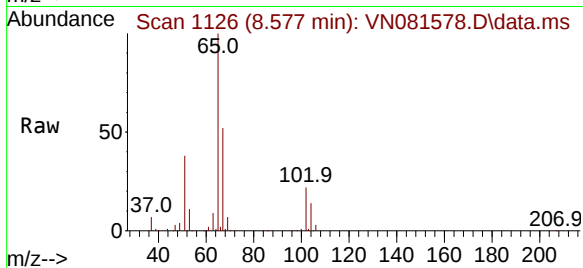
RE137-SP302-20240321

Tgt Ion: 65 Resp: 261646

Ion Ratio Lower Upper

65 100

67 53.5 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: VN081578.D

Acq: 26 Mar 2024 14:13

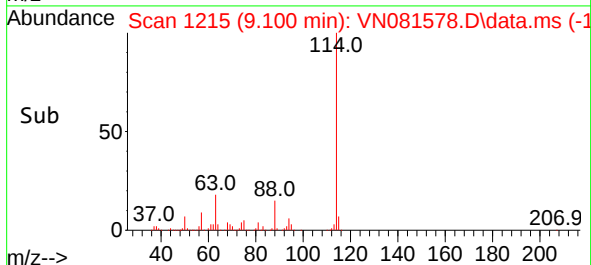
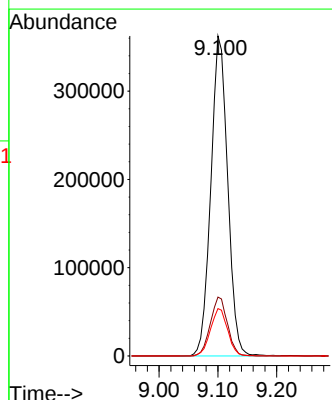
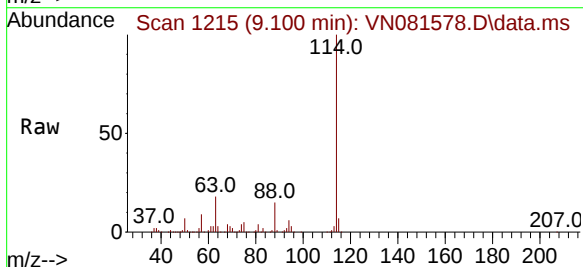
Tgt Ion: 114 Resp: 721063

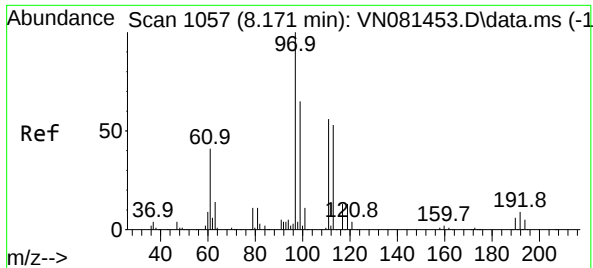
Ion Ratio Lower Upper

114 100

63 18.4 0.0 48.0

88 14.8 0.0 34.8

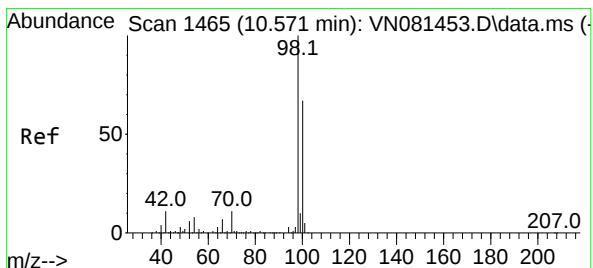
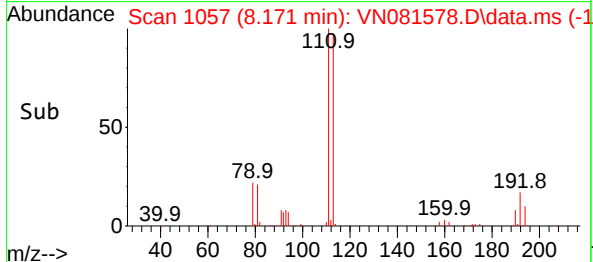
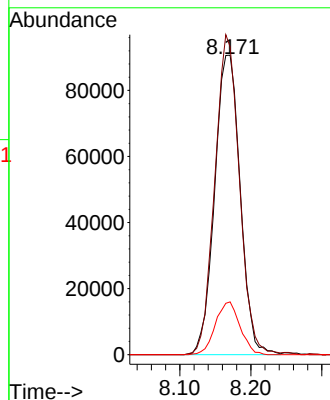
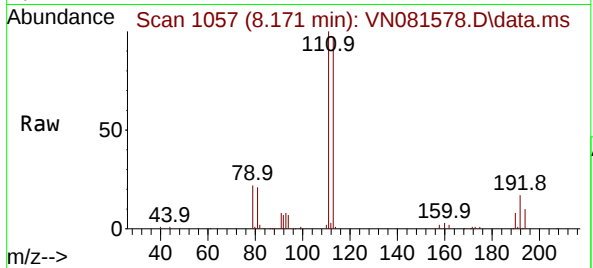




#35
Dibromofluoromethane
Concen: 49.782 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081578.D
Acq: 26 Mar 2024 14:13

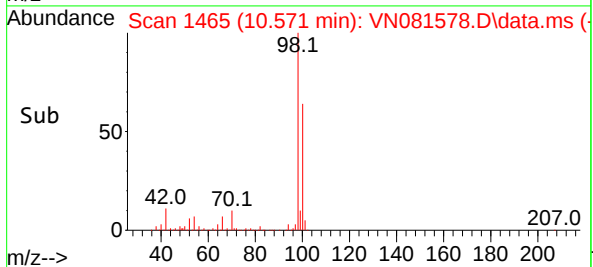
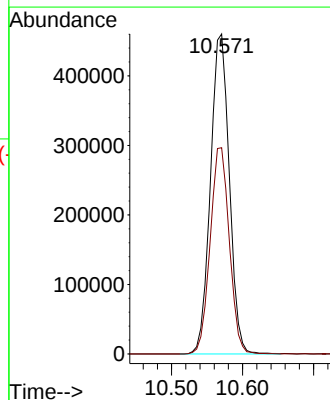
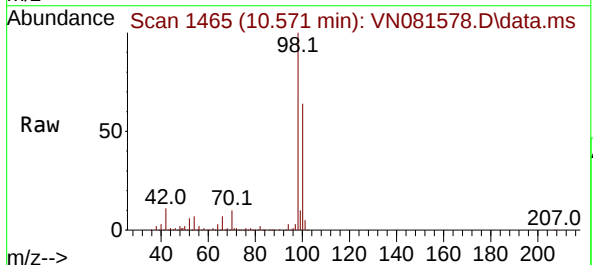
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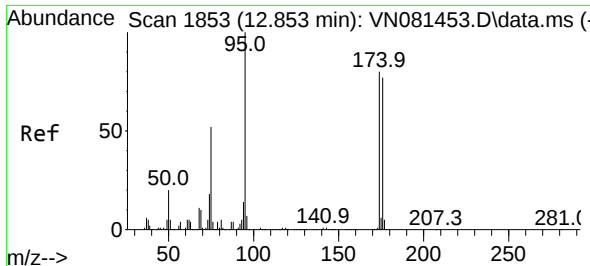
Tgt Ion:113 Resp: 226538
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.9 12.5 18.7



#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081578.D
Acq: 26 Mar 2024 14:13

Tgt Ion: 98 Resp: 847700
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

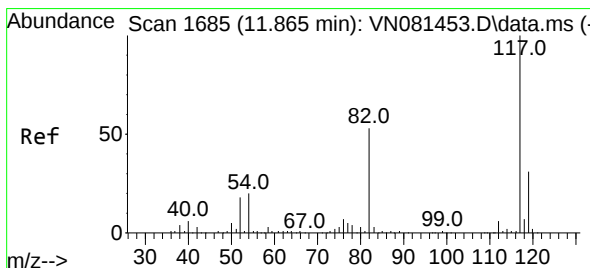
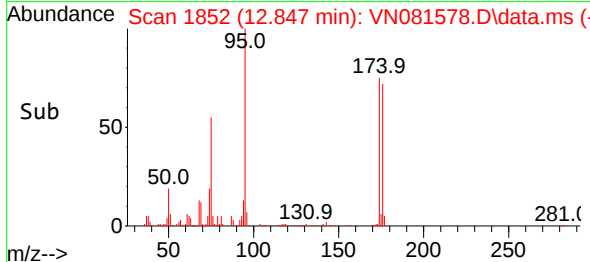
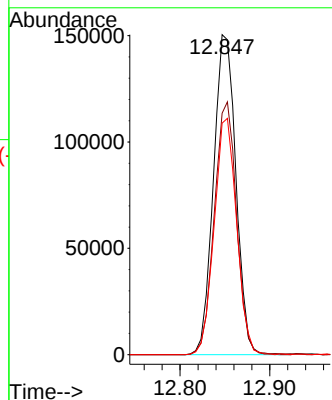
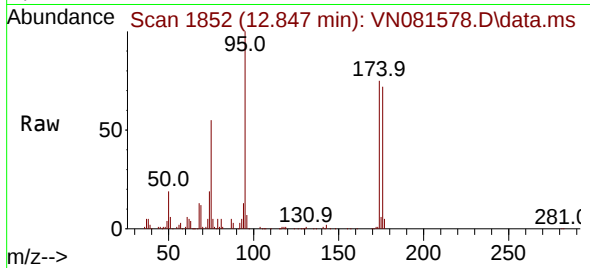




#62
4-Bromofluorobenzene
Concen: 45.022 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081578.D
Acq: 26 Mar 2024 14:13

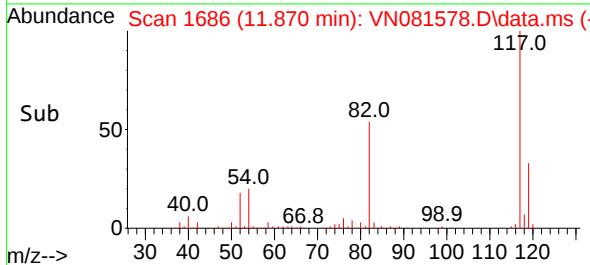
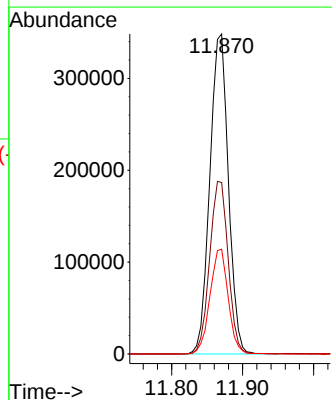
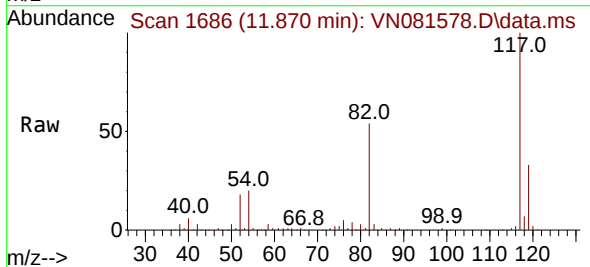
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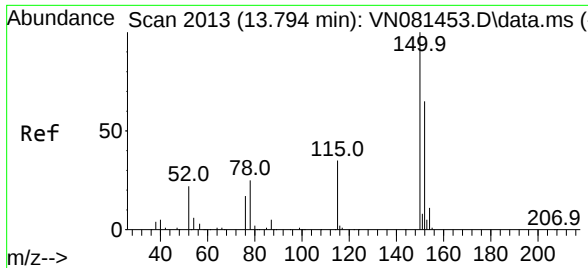
Tgt Ion: 95 Resp: 260963
Ion Ratio Lower Upper
95 100
174 78.6 0.0 120.4
176 73.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081578.D
Acq: 26 Mar 2024 14:13

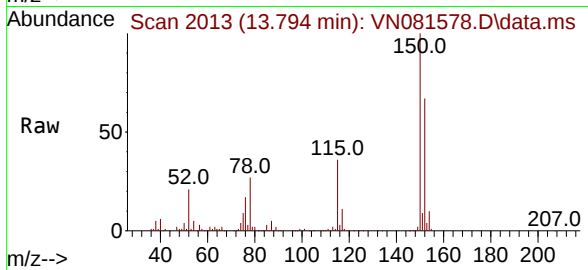
Tgt Ion: 117 Resp: 631801
Ion Ratio Lower Upper
117 100
82 53.6 52.7 79.1
119 32.8 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081578.D
 Acq: 26 Mar 2024 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP302-20240321



Tgt Ion:152 Resp: 249332
 Ion Ratio Lower Upper
 152 100
 115 59.5 32.3 96.8
 150 157.2 0.0 339.8

