

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081137.D
 Acq On : 22 Feb 2024 15:59
 Operator : JC\MD
 Sample : PB159161TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159161TB

Quant Time: Feb 23 04:27:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

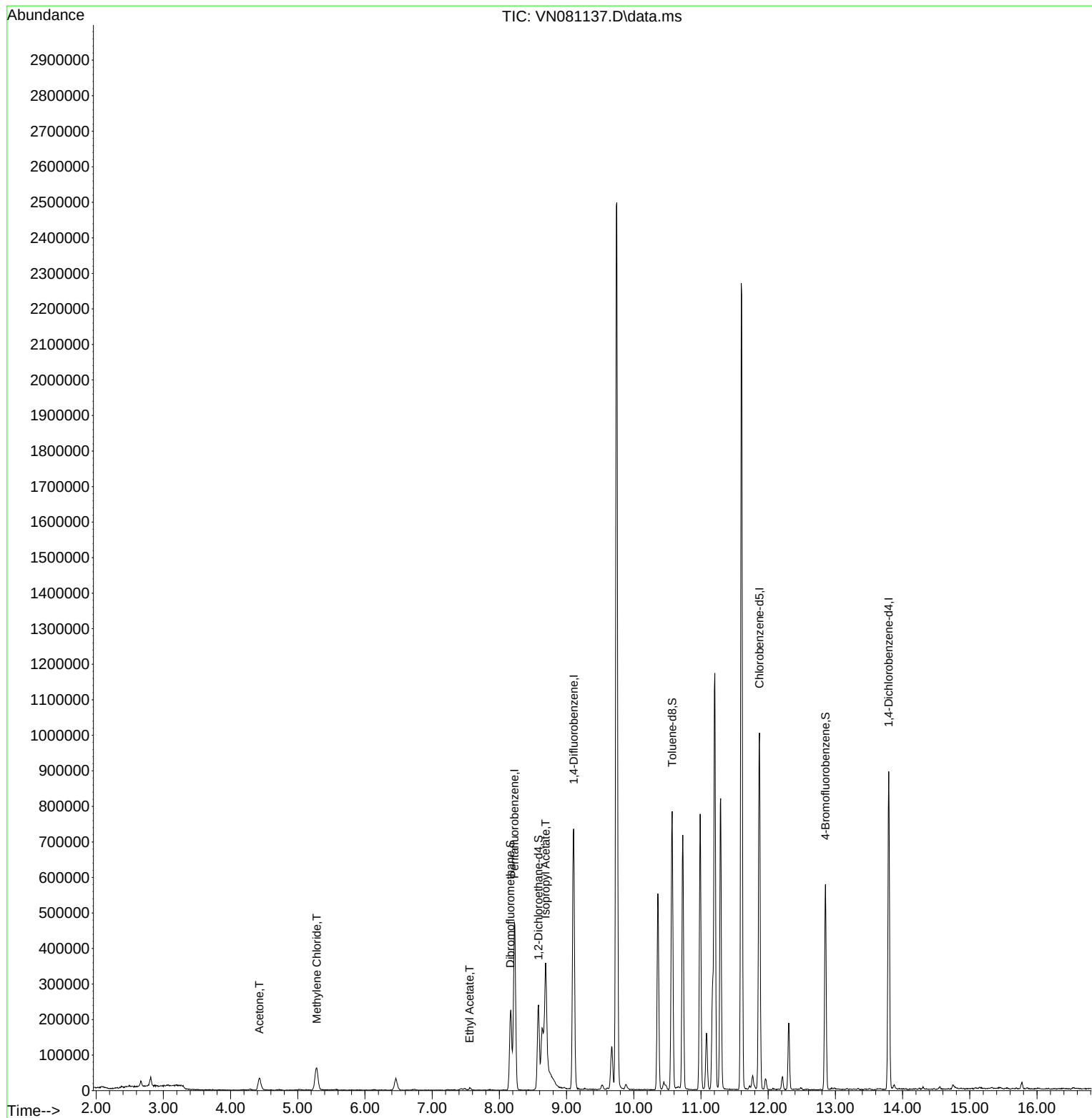
Internal Standards						
1) Pentafluorobenzene	8.224	168	339829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	583320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	191760	46.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.080%		
35) Dibromofluoromethane	8.165	113	162811	44.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.800%		
50) Toluene-d8	10.571	98	538026	41.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	82.620%#		
62) 4-Bromofluorobenzene	12.853	95	197181	40.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.580%#		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	65093	39.716	ug/l	94
20) Methylene Chloride	5.283	84	49639	10.982	ug/l #	86
37) Ethyl Acetate	7.559	43	7840	1.383	ug/l	95
43) Isopropyl Acetate	8.688	43	500467	50.466	ug/l #	80

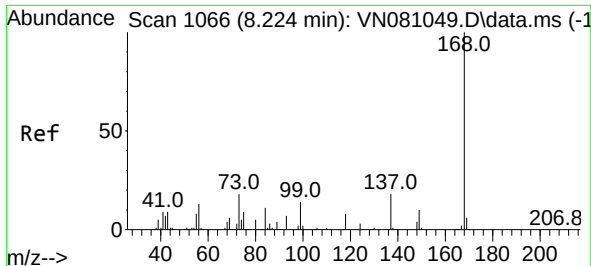
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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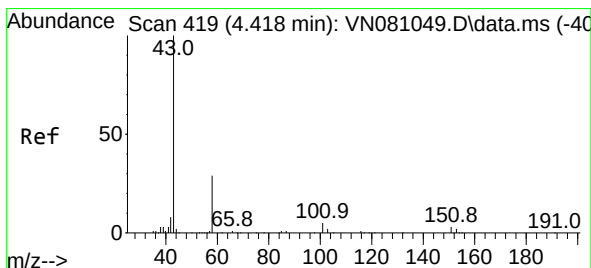
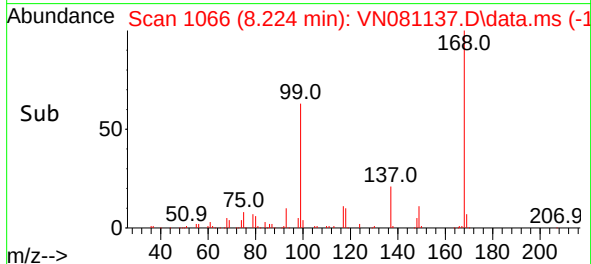
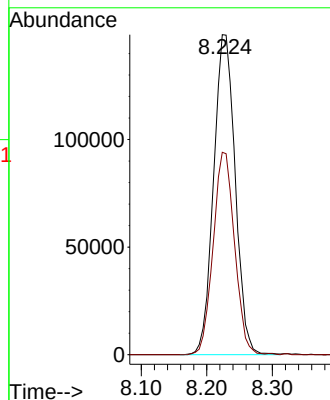
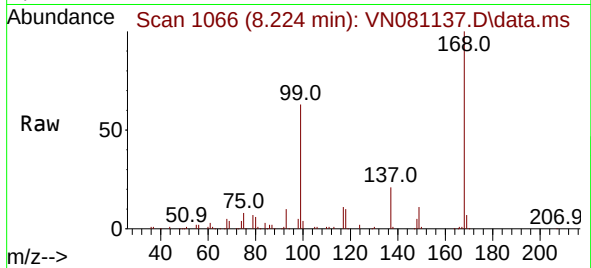




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

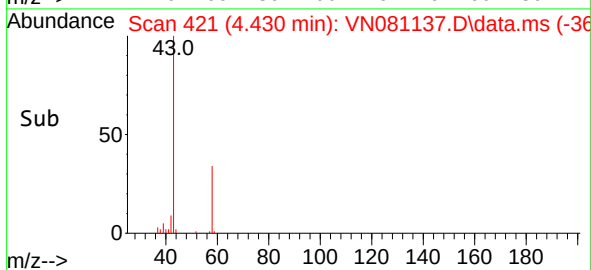
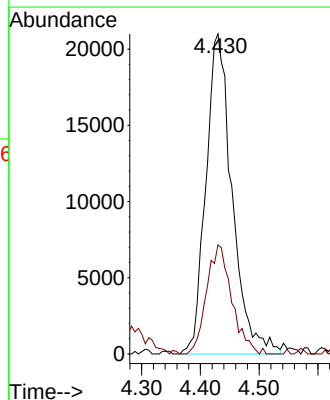
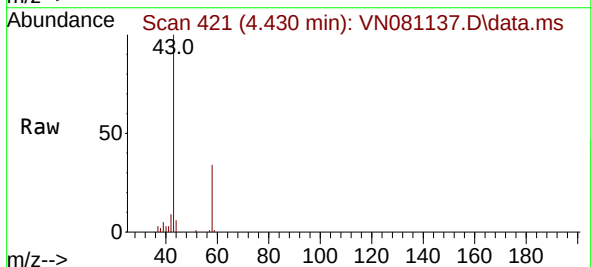
Instrument :
MSVOA_N
ClientSampleId :
PB159161TB

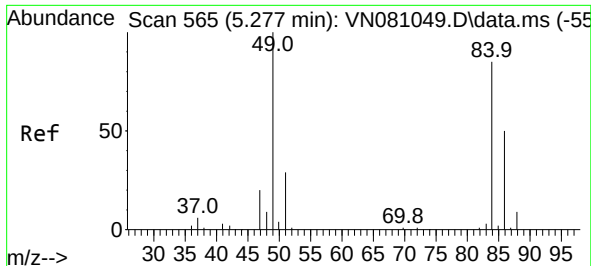
Tgt Ion:168 Resp: 339829
Ion Ratio Lower Upper
168 100
99 63.3 59.9 89.9



#16
Acetone
Concen: 39.716 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

Tgt Ion: 43 Resp: 65093
Ion Ratio Lower Upper
43 100
58 34.0 24.8 37.2

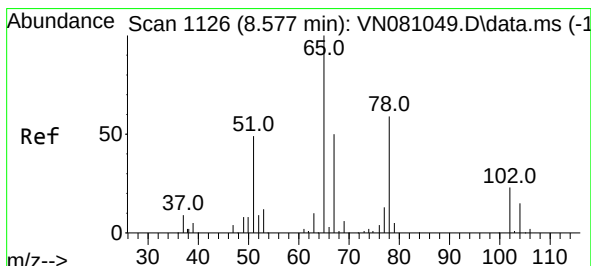
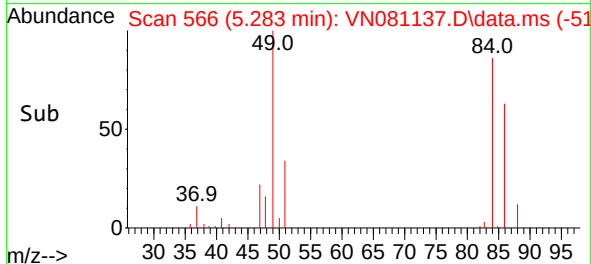
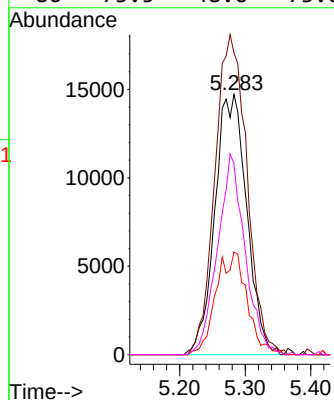
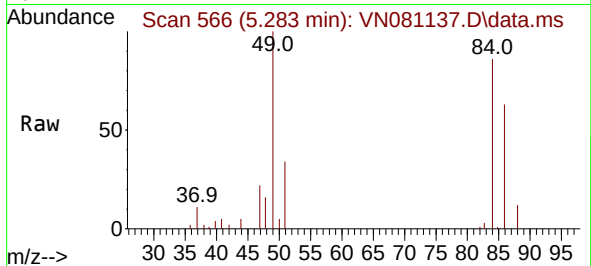




#20
Methylene Chloride
Concen: 10.982 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

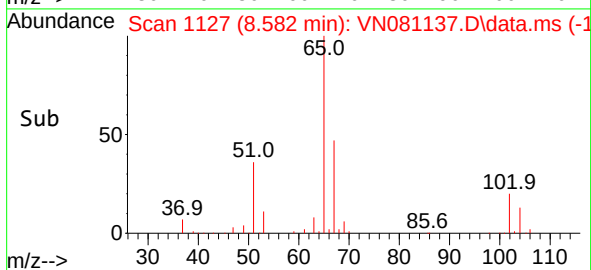
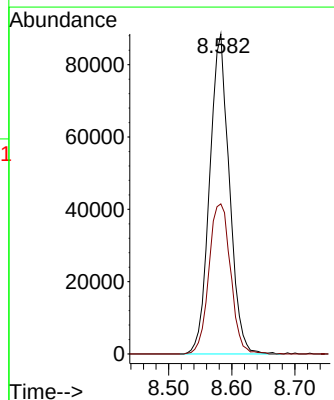
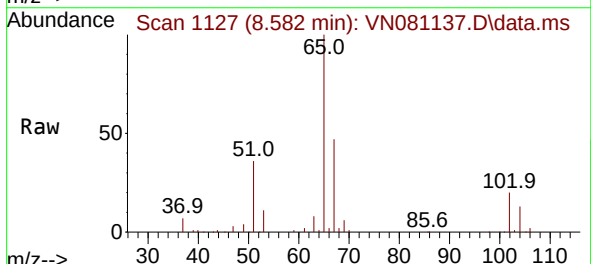
Instrument :
MSVOA_N
ClientSampleId :
PB159161TB

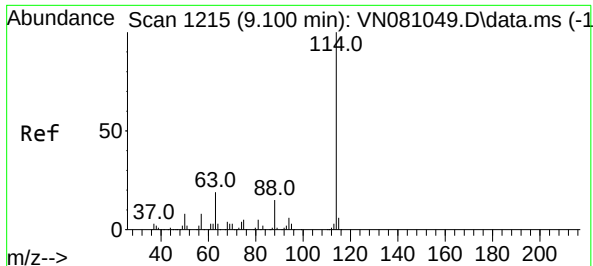
Tgt Ion: 84 Resp: 49639
Ion Ratio Lower Upper
84 100
49 116.0 108.1 162.1
51 39.5 32.9 49.3
86 73.5 48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 46.037 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

Tgt Ion: 65 Resp: 191760
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081137.D

Acq: 22 Feb 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB159161TB

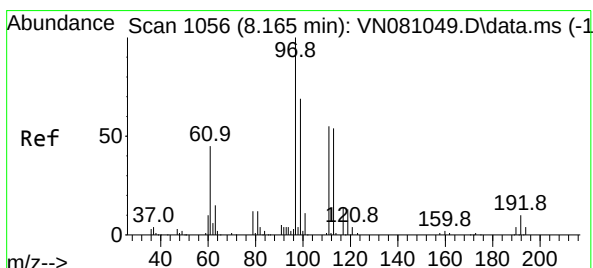
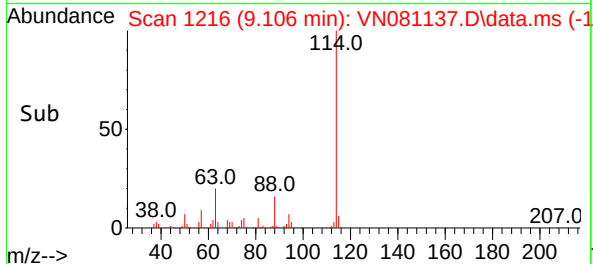
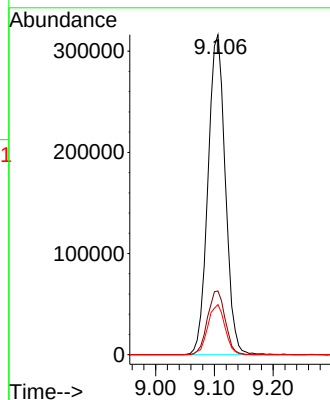
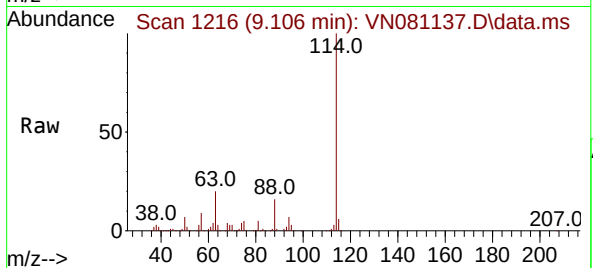
Tgt Ion:114 Resp: 648529

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 44.396 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081137.D

Acq: 22 Feb 2024 15:59

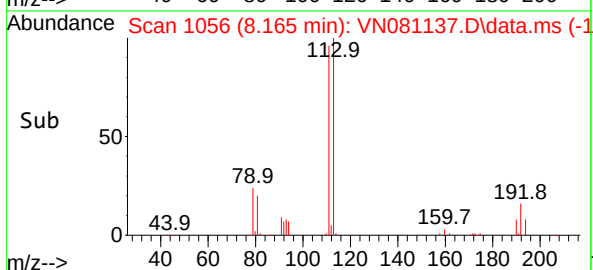
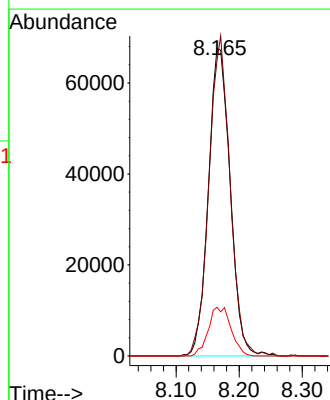
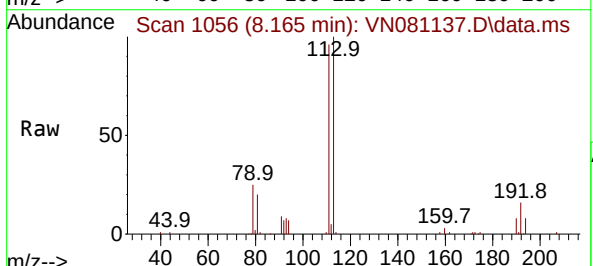
Tgt Ion:113 Resp: 162811

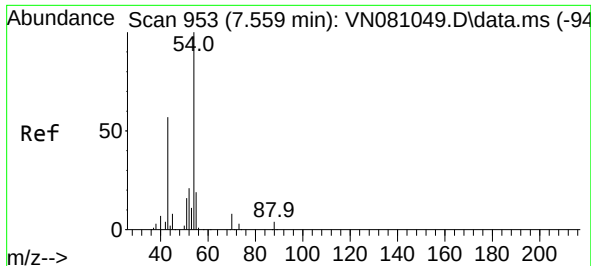
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 16.5 12.5 18.7

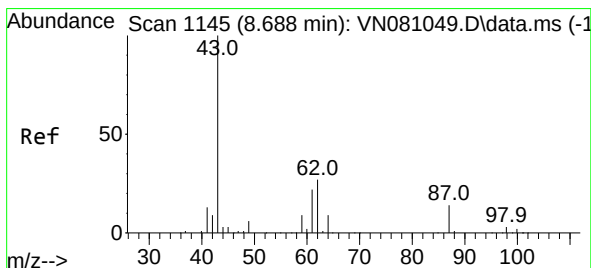
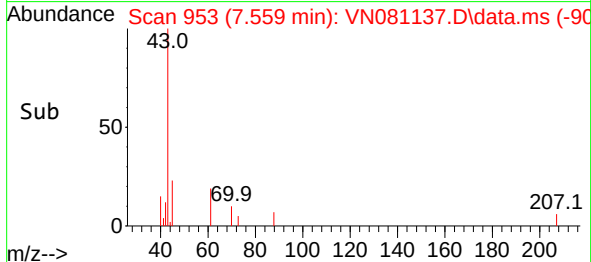
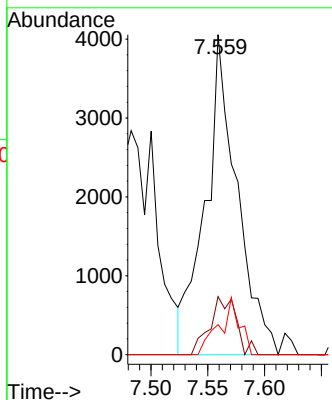
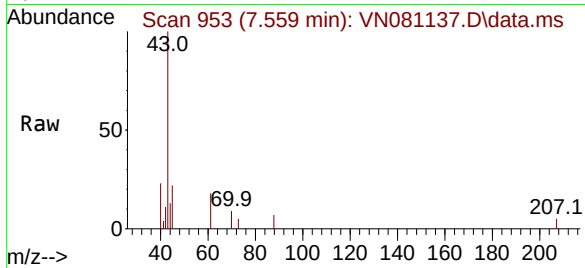




#37
Ethyl Acetate
Concen: 1.383 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

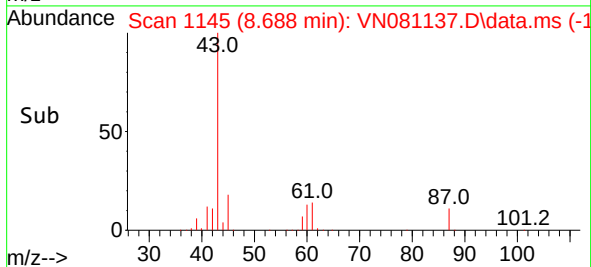
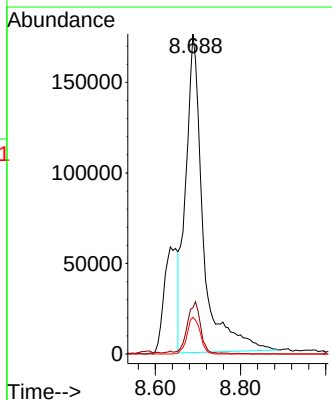
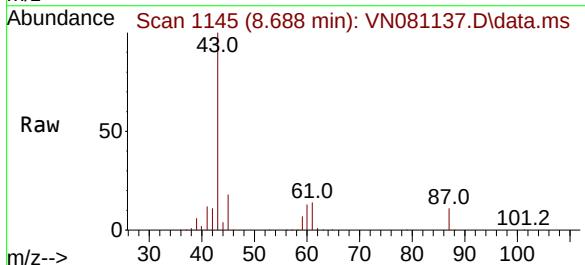
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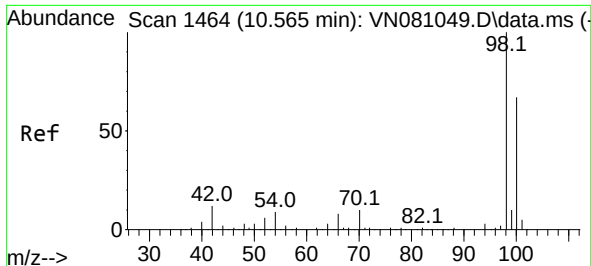
Tgt Ion: 43 Resp: 7840
Ion Ratio Lower Upper
43 100
61 15.3 10.6 15.8
70 11.5 8.0 12.0



#43
Isopropyl Acetate
Concen: 50.466 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

Tgt Ion: 43 Resp: 500467
Ion Ratio Lower Upper
43 100
61 12.1 19.9 29.9#
87 8.6 9.0 13.6#

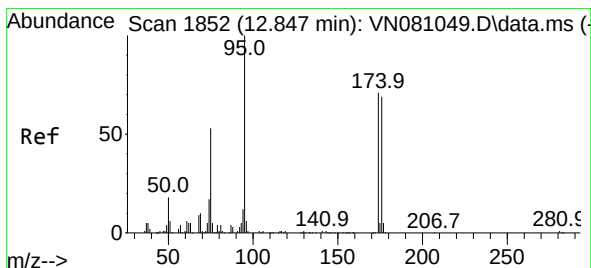
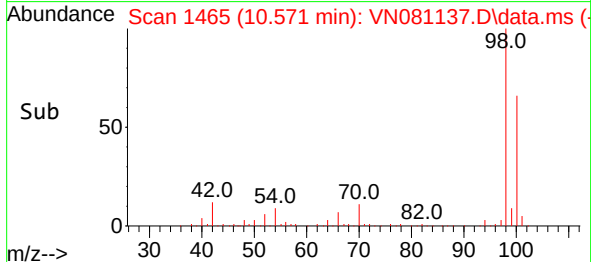
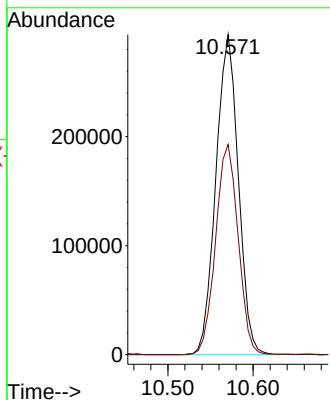
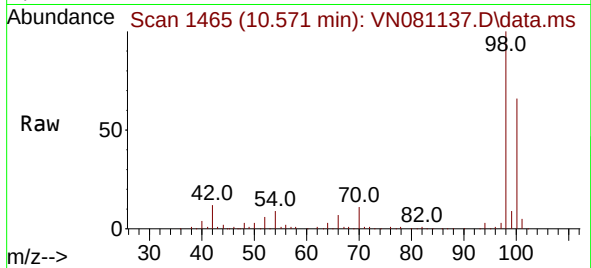




#50
Toluene-d8
Concen: 41.307 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

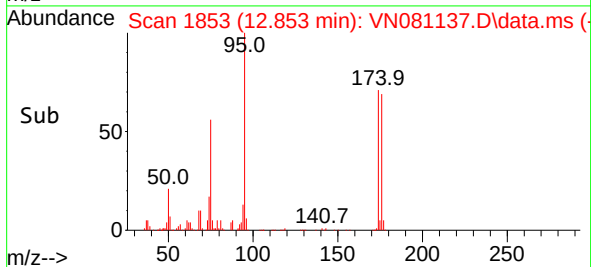
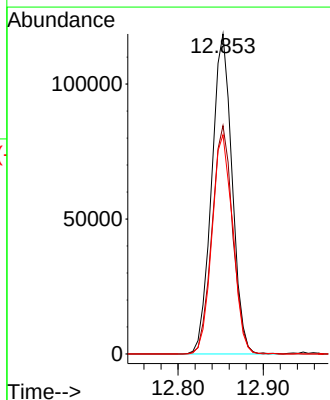
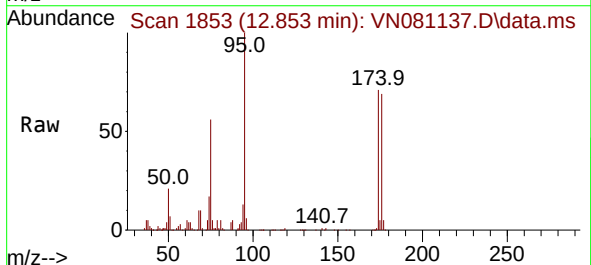
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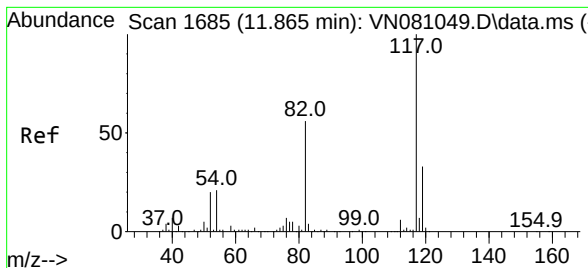
Tgt Ion: 98 Resp: 538026
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.289 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

Tgt Ion: 95 Resp: 197181
Ion Ratio Lower Upper
95 100
174 72.4 0.0 120.4
176 69.3 0.0 121.0

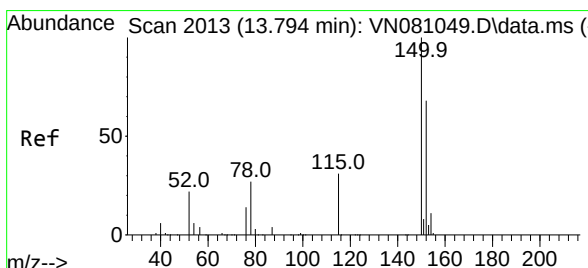
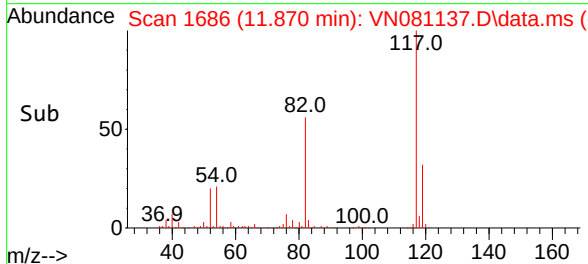
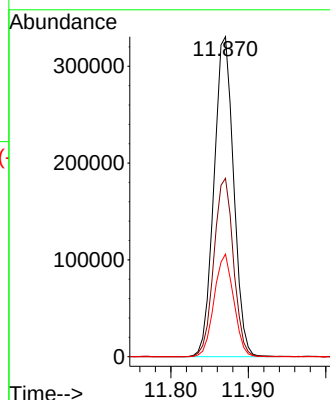
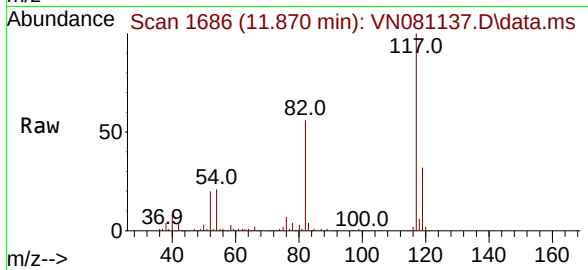




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081137.D
Acq: 22 Feb 2024 15:59

Instrument :
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Tgt Ion:117 Resp: 583320
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 32.0 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: VN081137.D
Acq: 22 Feb 2024 15:59

Tgt Ion:152 Resp: 234873
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 156.6 0.0 339.8

