

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082324.D
 Acq On : 23 May 2024 16:19
 Operator : JC\MD
 Sample : P2561-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-2D

Quant Time: May 24 04:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

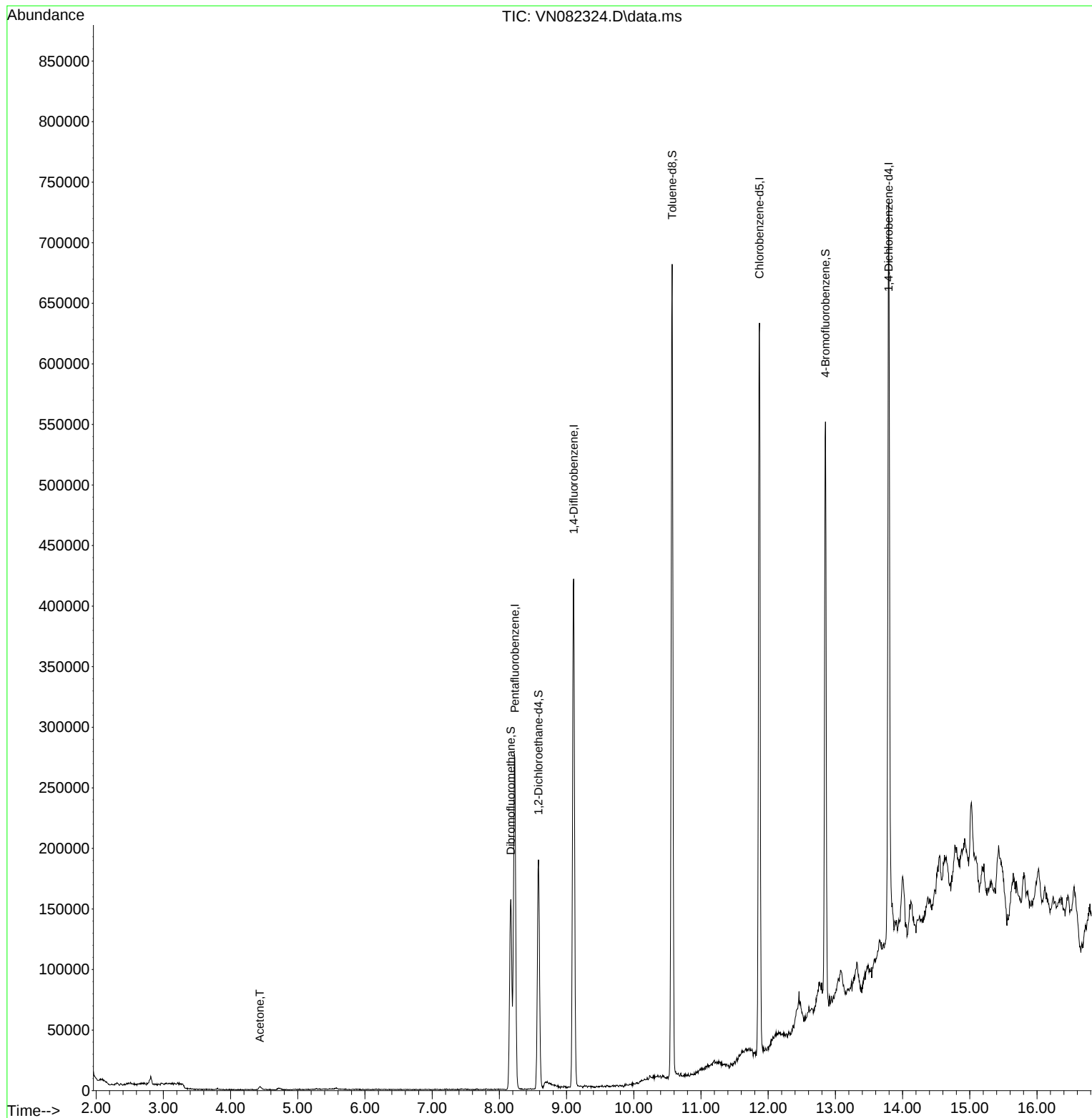
Internal Standards						
1) Pentafluorobenzene	8.230	168	195502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	339801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	326202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157628	51.061	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.120%	
35) Dibromofluoromethane	8.171	113	110123	52.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	10.571	98	436616	54.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.853	95	159727	55.841	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	4280	3.380	ug/l #	85

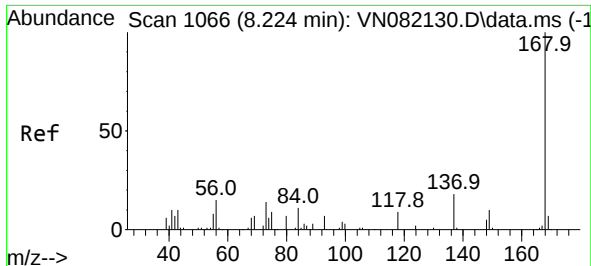
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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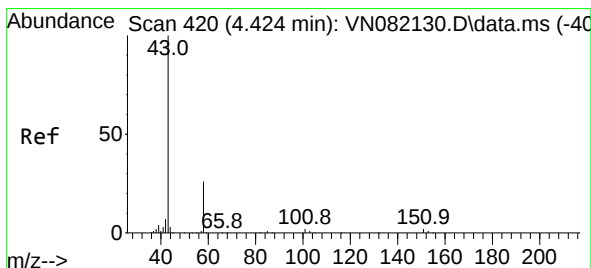
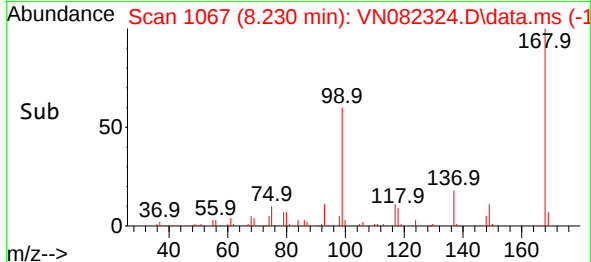
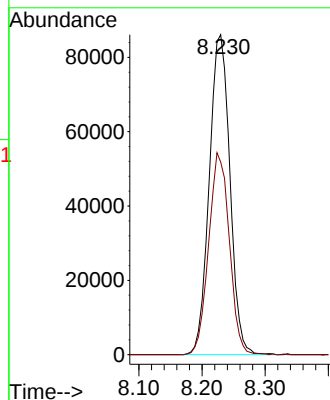
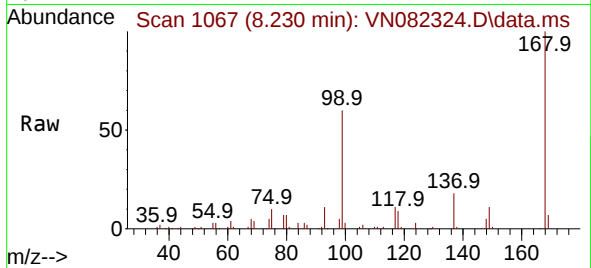




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082324.D
Acq: 23 May 2024 16:19

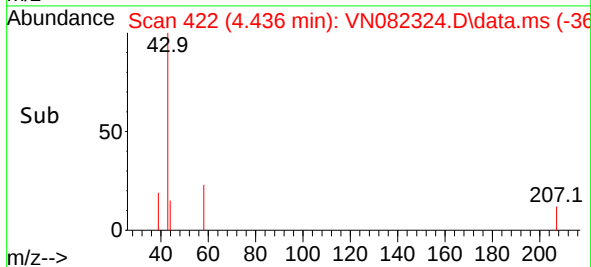
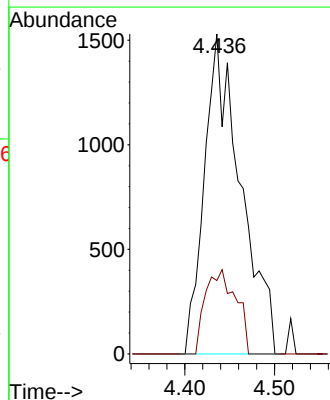
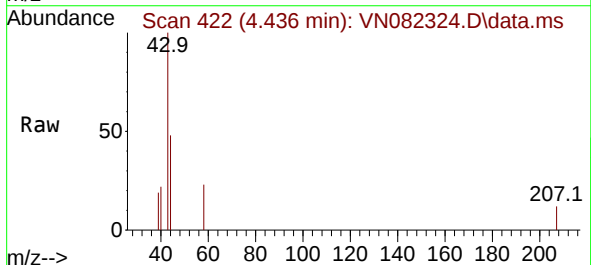
Instrument :
MSVOA_N
ClientSampleId :
SY-2D

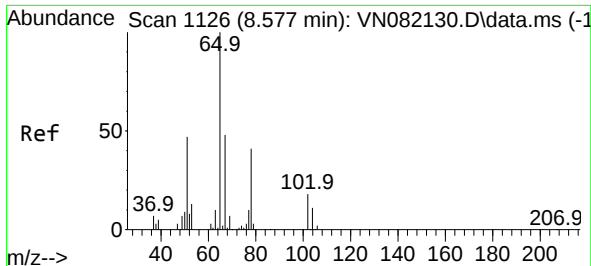
Tgt Ion:168 Resp: 195502
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#16
Acetone
Concen: 3.380 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082324.D
Acq: 23 May 2024 16:19

Tgt Ion: 43 Resp: 4280
Ion Ratio Lower Upper
43 100
58 22.9 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 51.061 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082324.D

Acq: 23 May 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

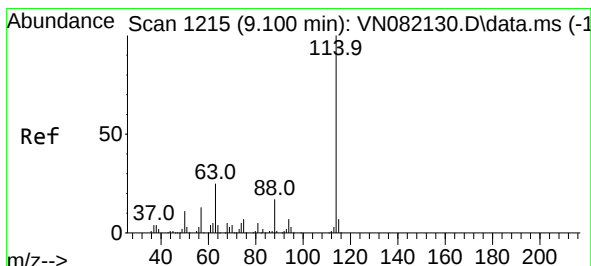
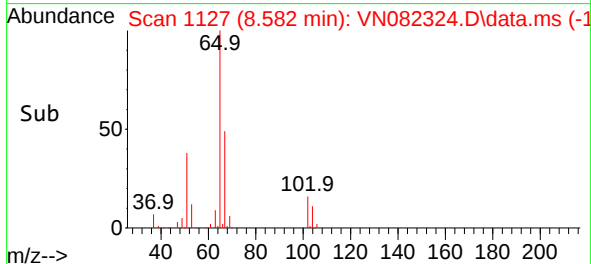
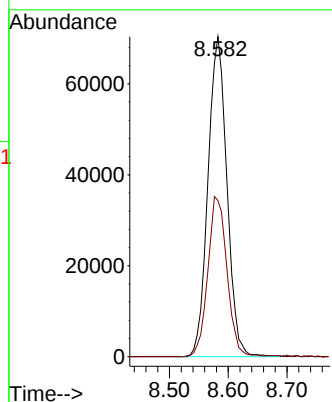
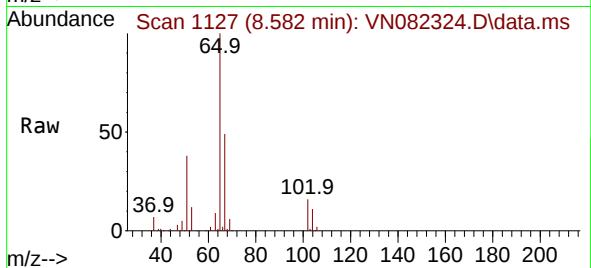
SY-2D

Tgt Ion: 65 Resp: 157628

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082324.D

Acq: 23 May 2024 16:19

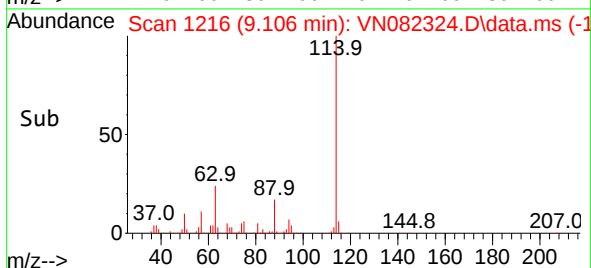
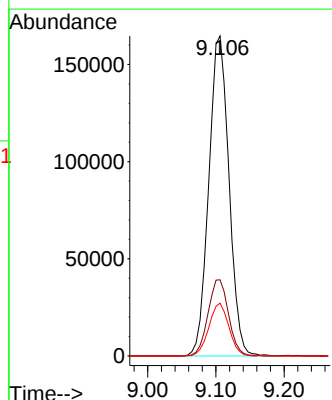
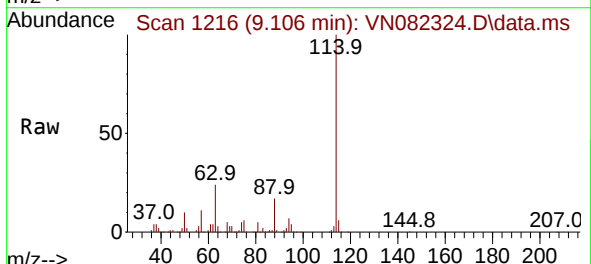
Tgt Ion: 114 Resp: 339801

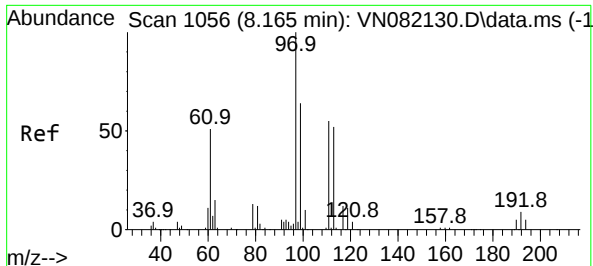
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.683 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN082324.D

Acq: 23 May 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

SY-2D

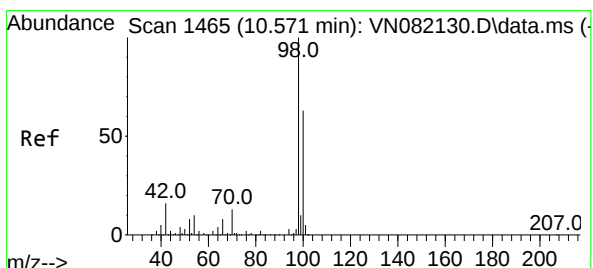
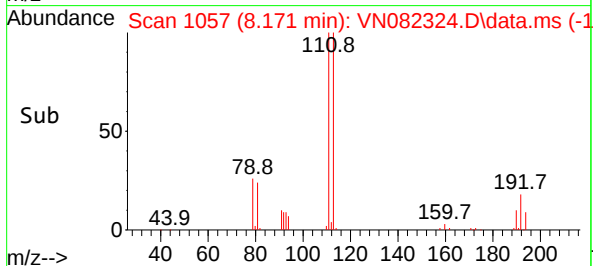
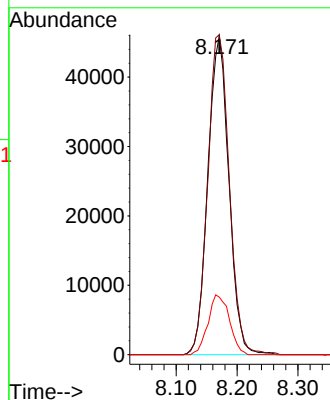
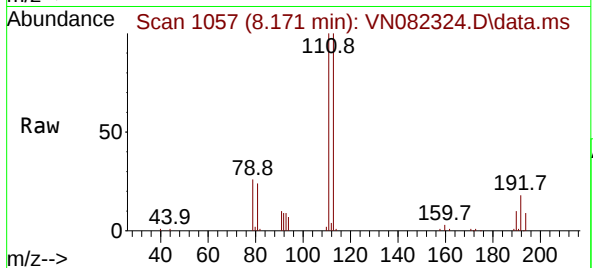
Tgt Ion:113 Resp: 110123

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 19.0 14.0 21.0



#50

Toluene-d8

Concen: 54.481 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082324.D

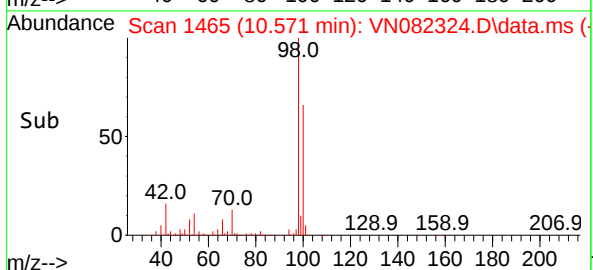
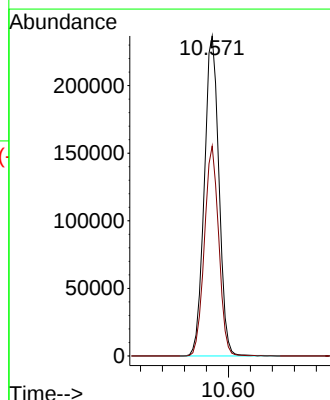
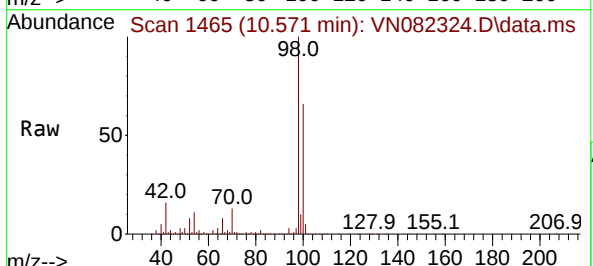
Acq: 23 May 2024 16:19

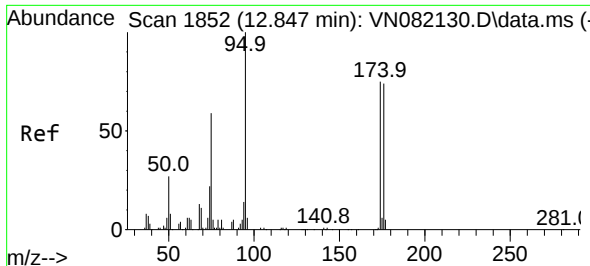
Tgt Ion: 98 Resp: 436616

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6

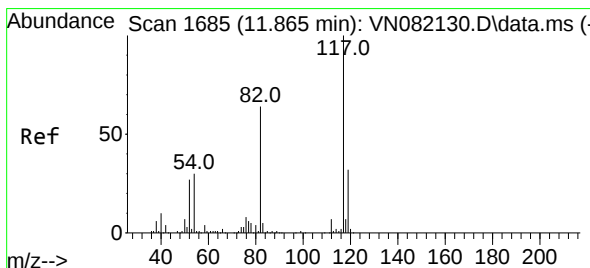
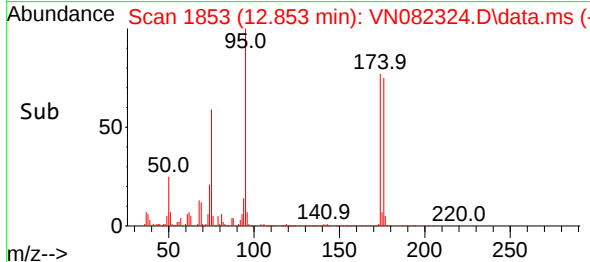
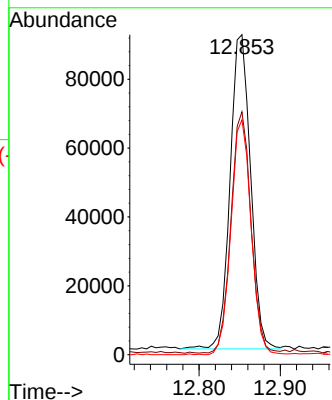
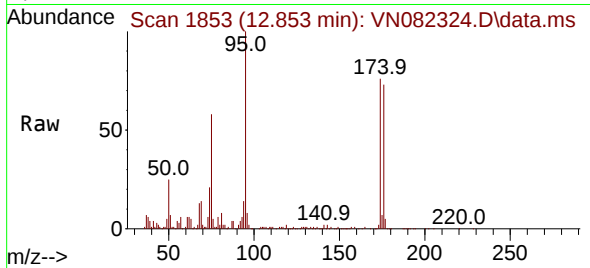




#62
4-Bromofluorobenzene
Concen: 55.841 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082324.D
Acq: 23 May 2024 16:19

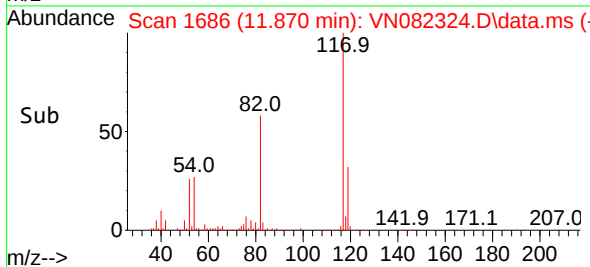
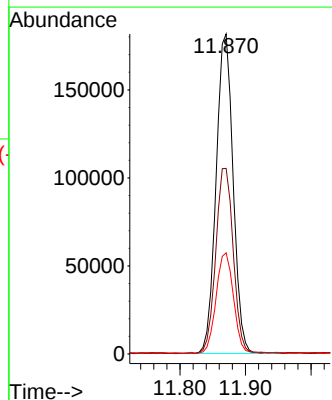
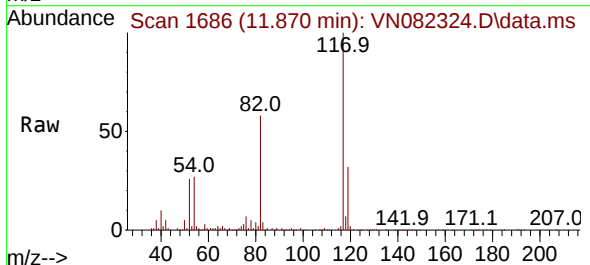
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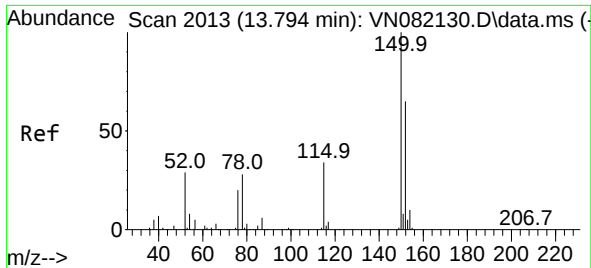
Tgt Ion: 95 Resp: 159727
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 73.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082324.D
Acq: 23 May 2024 16:19

Tgt Ion: 117 Resp: 326202
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082324.D
 Acq: 23 May 2024 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-2D

Tgt Ion:152 Resp: 142915
 Ion Ratio Lower Upper
 152 100
 115 63.6 30.4 91.3
 150 160.0 0.0 353.2

