

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082591.D
 Acq On : 14 Jun 2024 18:29
 Operator : JC\MD
 Sample : P2890-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-438-440

Quant Time: Jun 14 23:49:39 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)

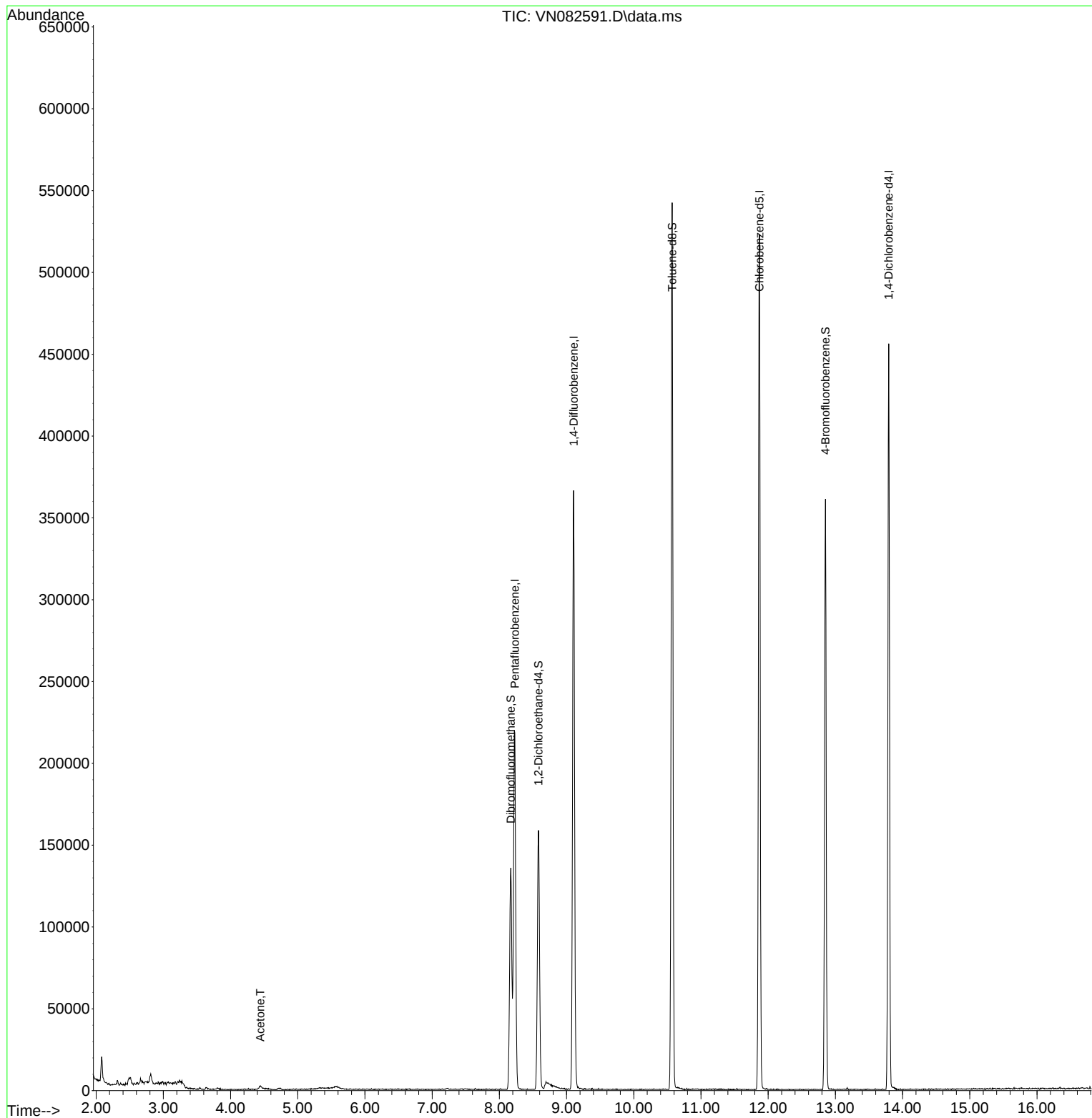
Internal Standards						
1) Pentafluorobenzene	8.230	168	153757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	278089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130146	53.605	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.220%	
35) Dibromofluoromethane	8.171	113	93854	52.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.571	98	350905	51.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.853	95	111991	46.082	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.160%	
Target Compounds						
16) Acetone	4.442	43	4009	4.025	ug/l	Qvalue # 70

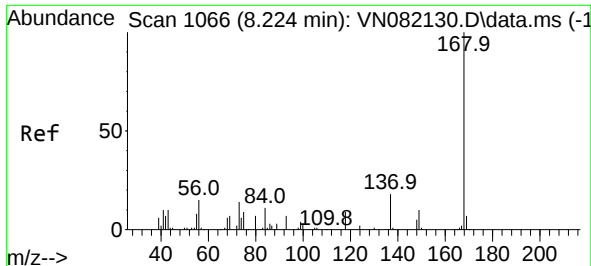
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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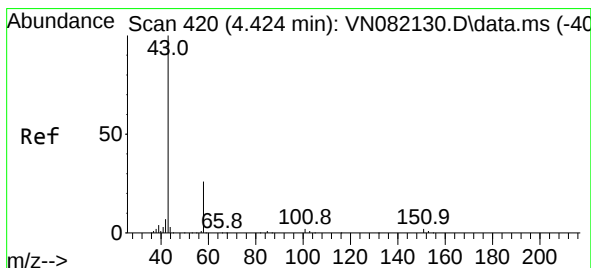
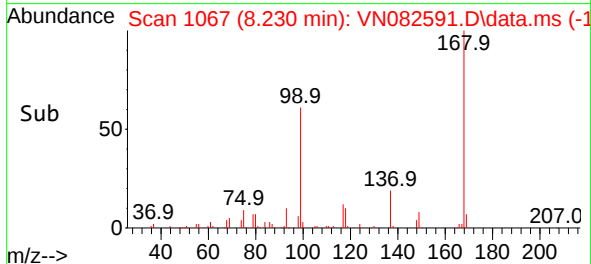
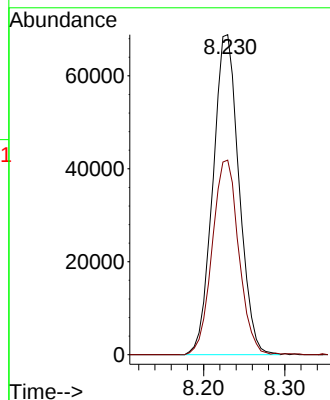
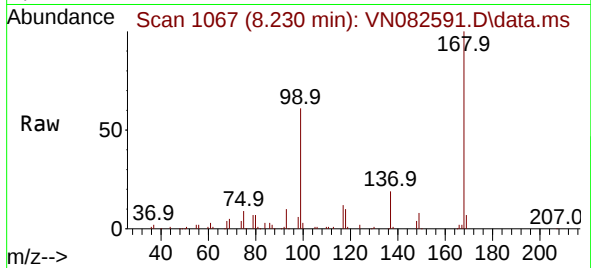




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

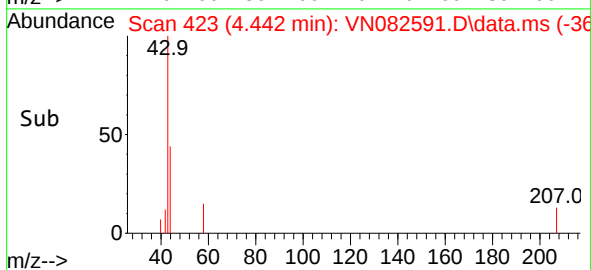
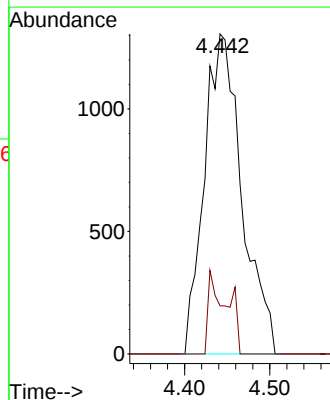
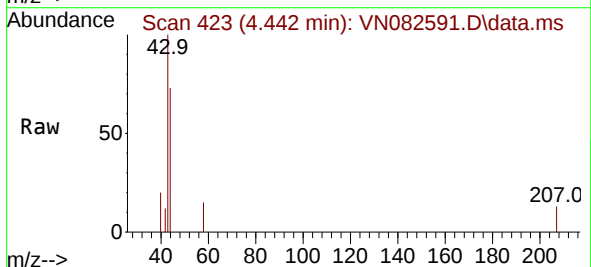
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-438-440

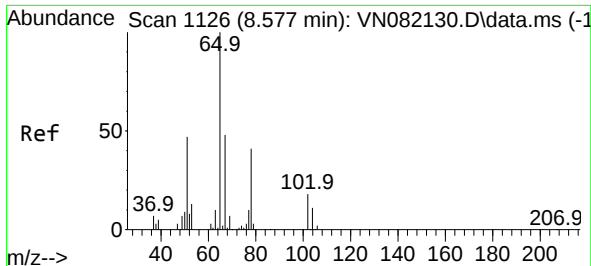
Tgt Ion:168 Resp: 153757
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#16
Acetone
Concen: 4.025 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
58 15.1 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 53.605 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082591.D

Acq: 14 Jun 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

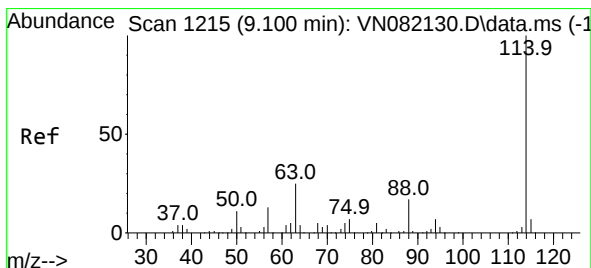
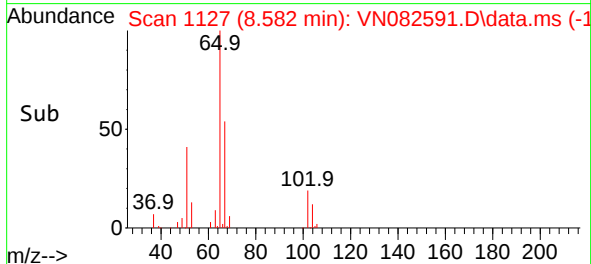
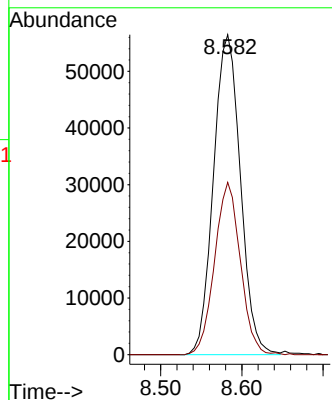
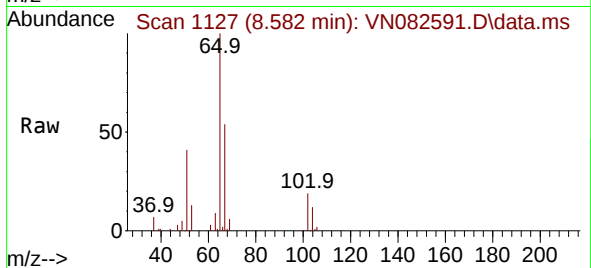
BP-VPB-189-GW-438-440

Tgt Ion: 65 Resp: 130146

Ion Ratio Lower Upper

65 100

67 51.5 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: VN082591.D

Acq: 14 Jun 2024 18:29

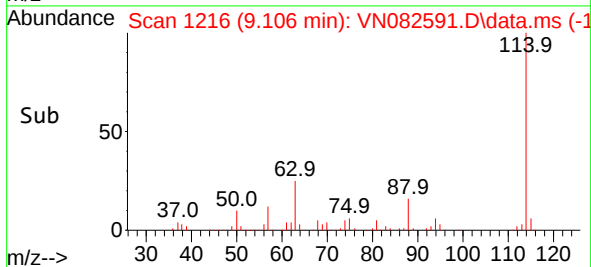
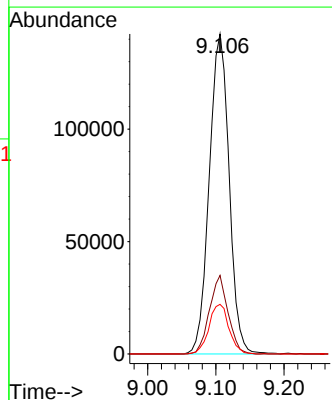
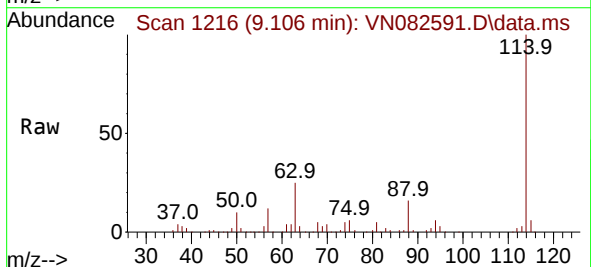
Tgt Ion: 114 Resp: 288704

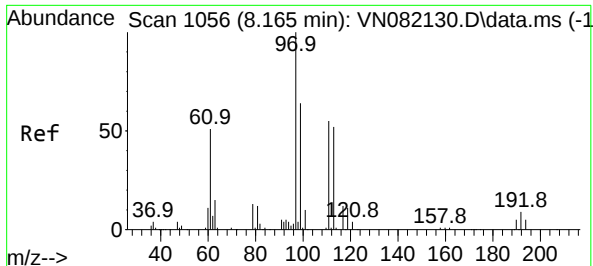
Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.846 ug/l

RT: 8.171 min Scan# 113

Delta R.T. 0.006 min

Lab File: VN082591.D

Acq: 14 Jun 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-438-440

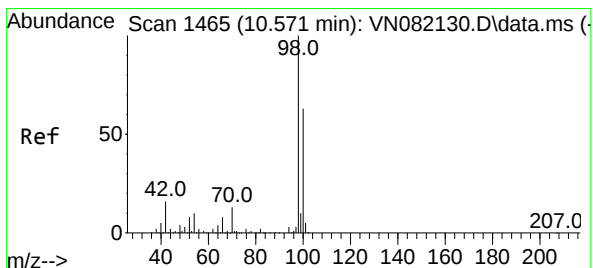
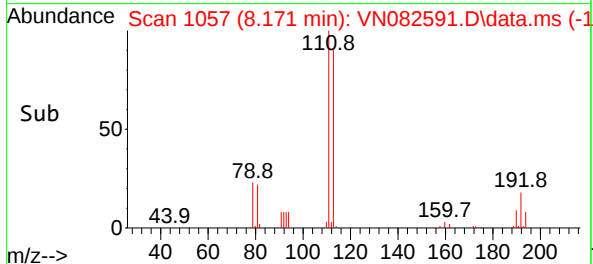
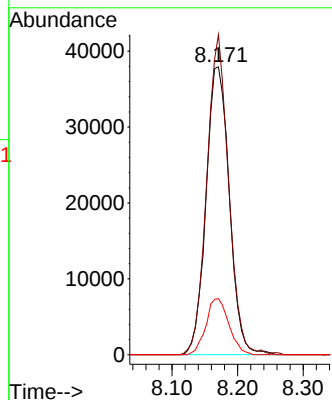
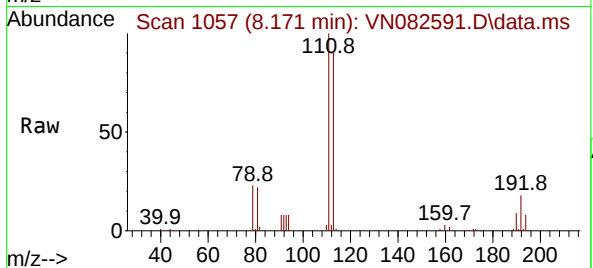
Tgt Ion:113 Resp: 93854

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 19.1 14.0 21.0



#50

Toluene-d8

Concen: 51.536 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082591.D

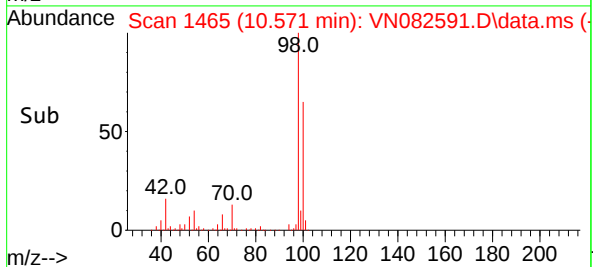
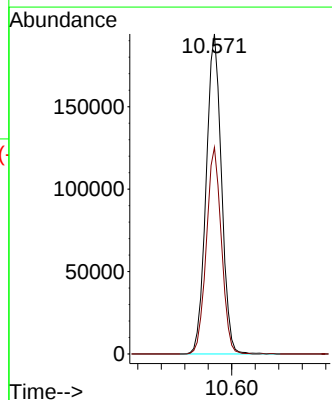
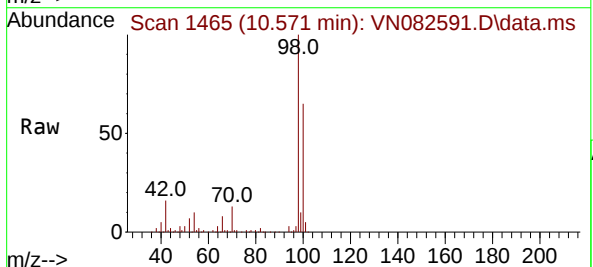
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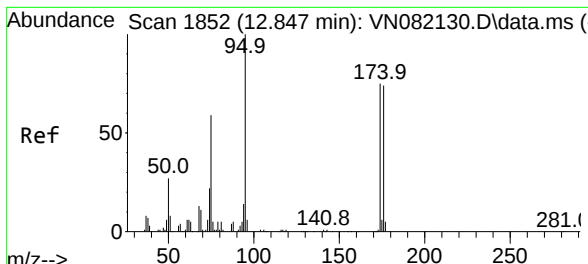
Tgt Ion: 98 Resp: 350905

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.6

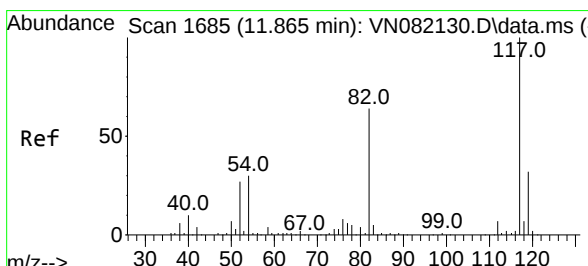
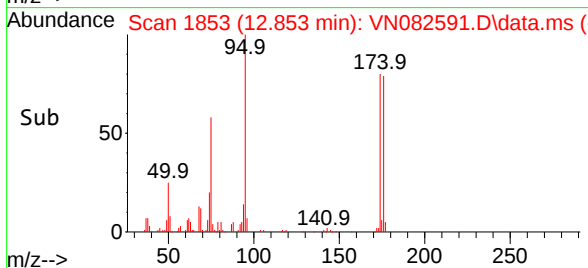
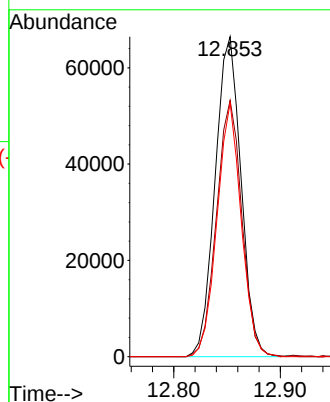
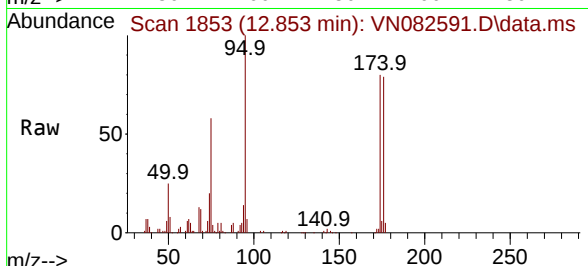




#62
4-Bromofluorobenzene
Concen: 46.082 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

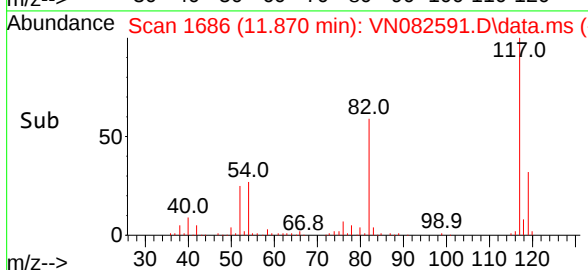
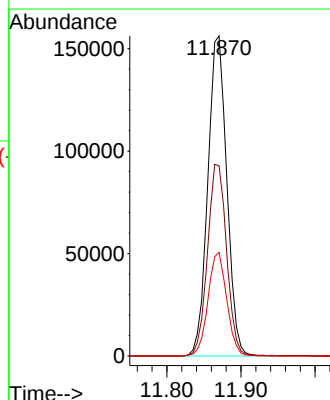
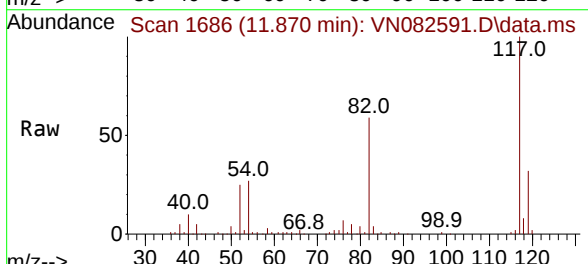
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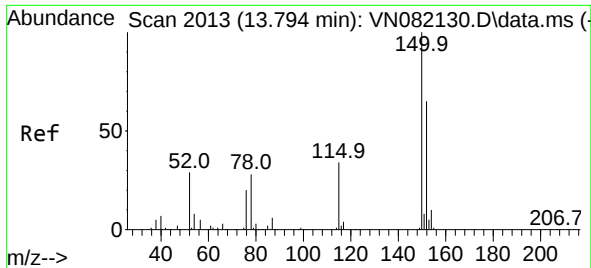
Tgt Ion: 95 Resp: 111991
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.6
176 74.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

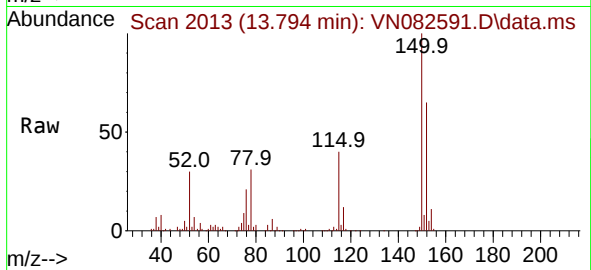
Tgt Ion: 117 Resp: 278089
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082591.D
 Acq: 14 Jun 2024 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-438-440



Tgt Ion:152 Resp: 112635
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.4 91.3
 150 158.8 0.0 353.2

