

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082222.D
 Acq On : 20 May 2024 20:12
 Operator : JC\MD
 Sample : P2512-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPJ

Quant Time: May 21 03:54:05 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)

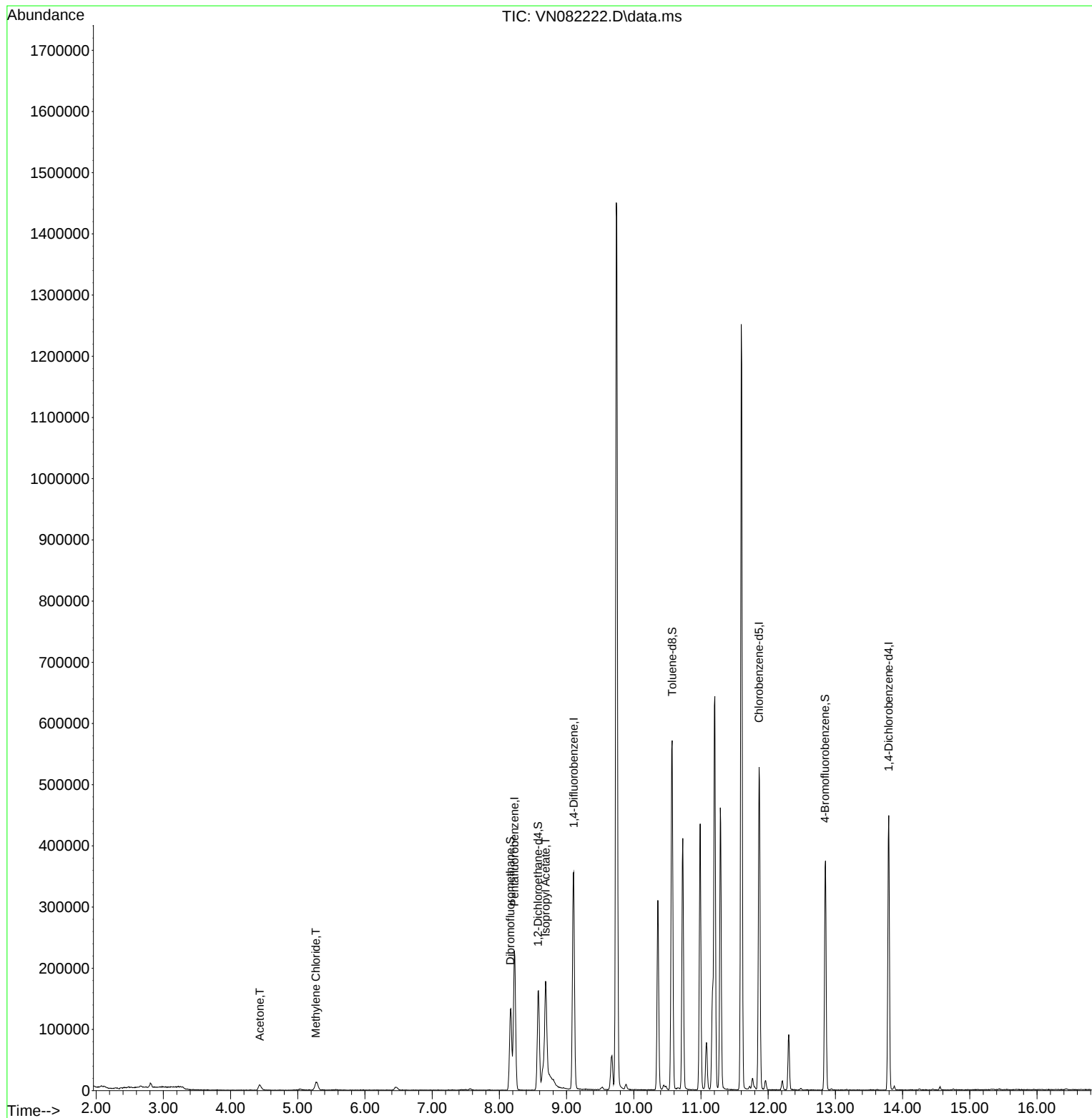
Internal Standards						
1) Pentafluorobenzene	8.224	168	159104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135128	53.787	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.580%		
35) Dibromofluoromethane	8.165	113	93211	53.147	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.300%		
50) Toluene-d8	10.571	98	375638	55.865	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.720%		
62) 4-Bromofluorobenzene	12.847	95	121634	50.681	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 101.360%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	18960	18.397	ug/l	94
20) Methylene Chloride	5.271	84	9339	4.491	ug/l #	75
43) Isopropyl Acetate	8.688	43	286972	49.198	ug/l #	70

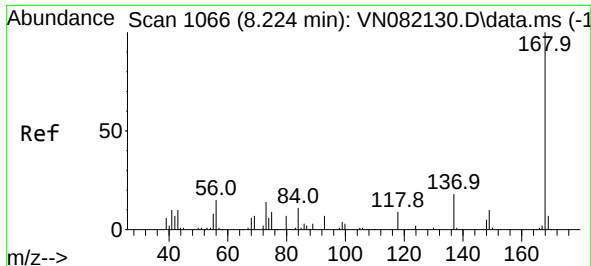
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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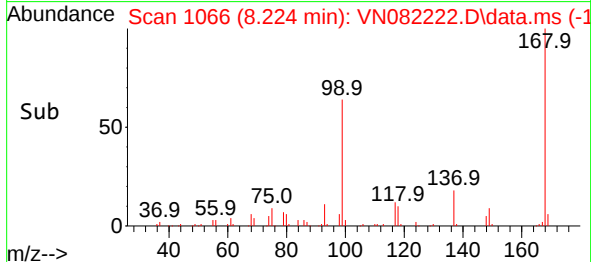
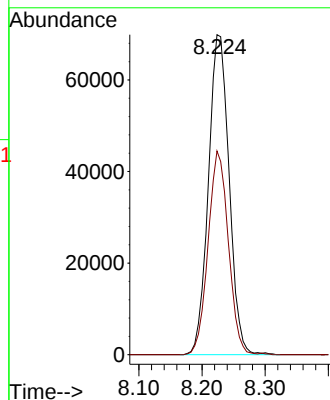
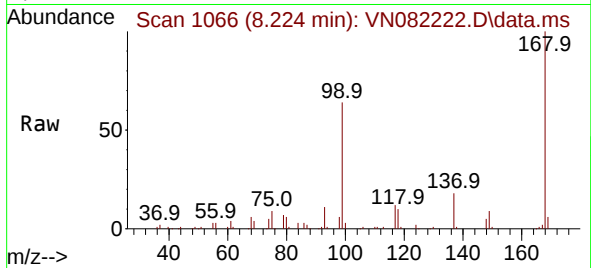




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

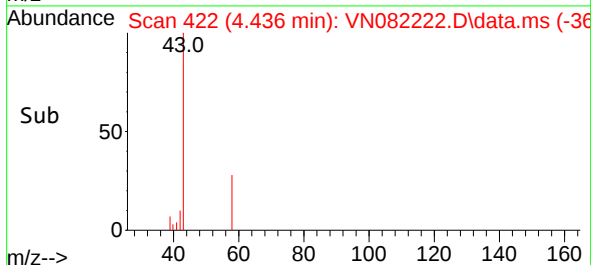
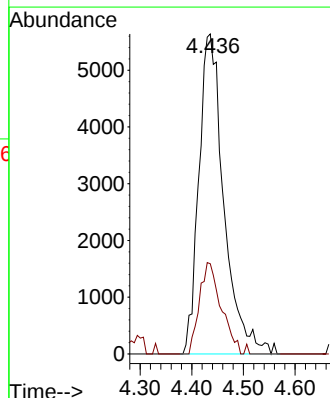
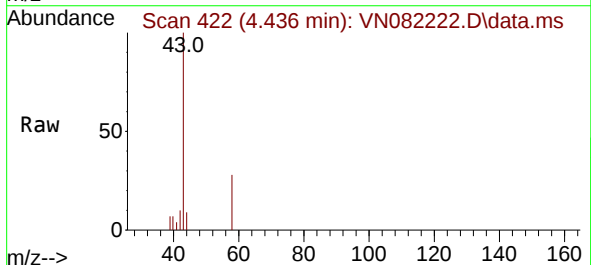
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPJ

Tgt Ion:168 Resp: 159104
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#16
Acetone
Concen: 18.397 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

Tgt Ion: 43 Resp: 18960
Ion Ratio Lower Upper
43 100
58 28.2 25.2 37.8

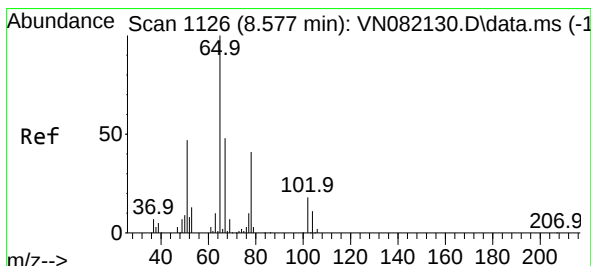
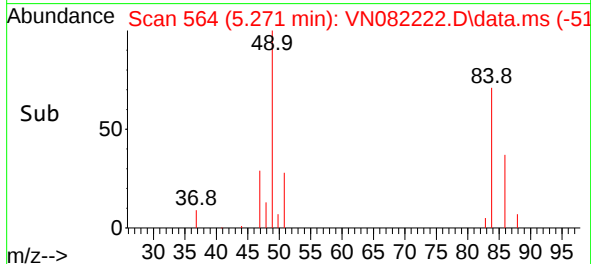
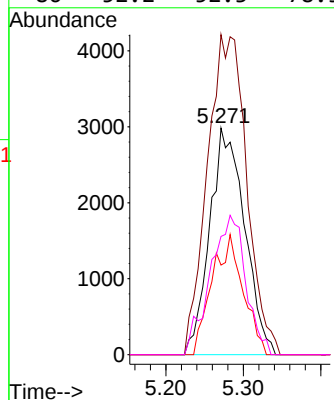
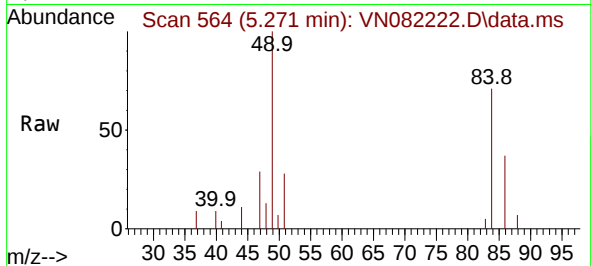




#20
Methylene Chloride
Concen: 4.491 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

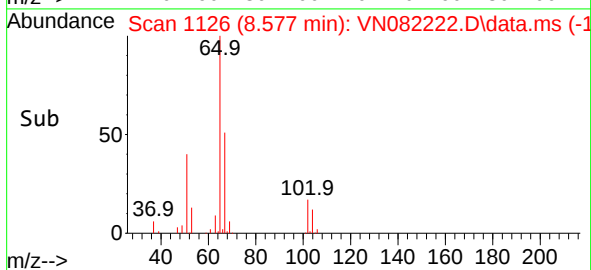
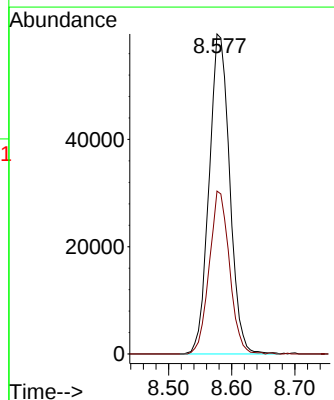
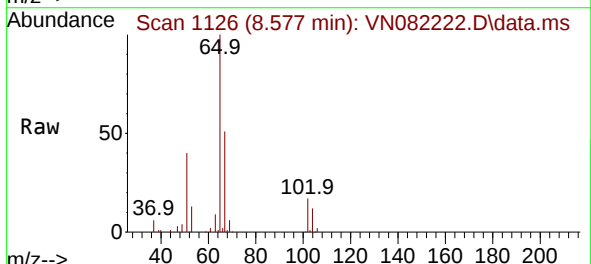
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPJ

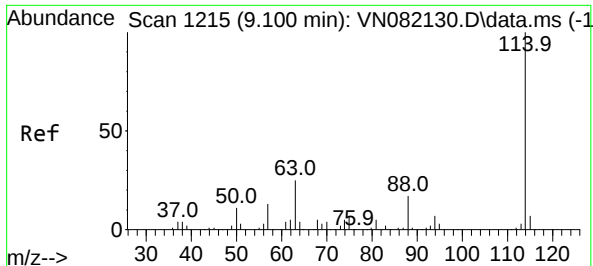
Tgt Ion:	84	Resp:	9339
Ion	Ratio	Lower	Upper
84	100		
49	141.3	84.9	127.3#
51	39.6	27.0	40.6
86	52.2	52.3	78.5#



#33
1,2-Dichloroethane-d4
Concen: 53.787 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

Tgt Ion:	65	Resp:	135128
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082222.D

Acq: 20 May 2024 20:12

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPJ

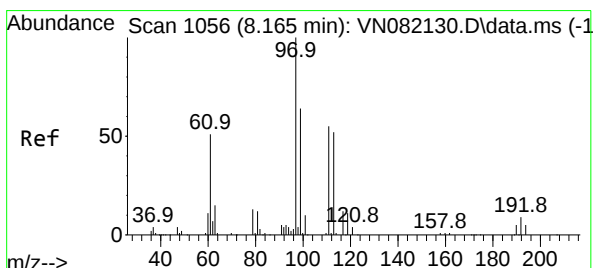
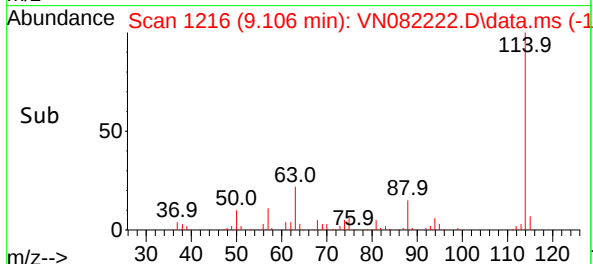
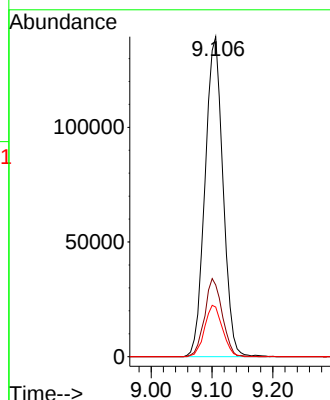
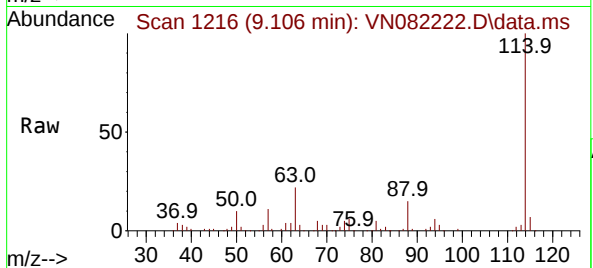
Tgt Ion:114 Resp: 285106

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.0

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.147 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082222.D

Acq: 20 May 2024 20:12

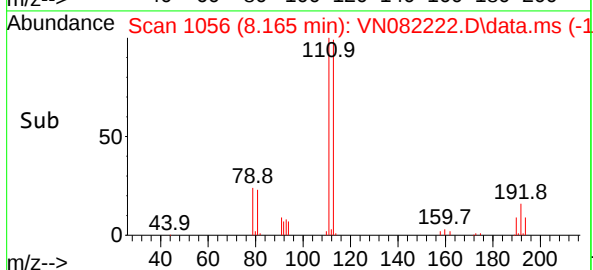
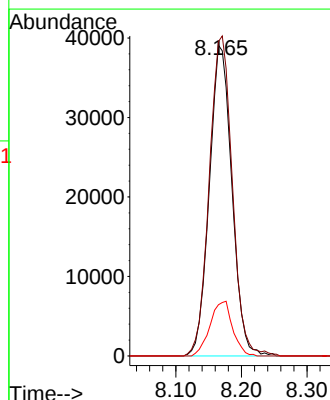
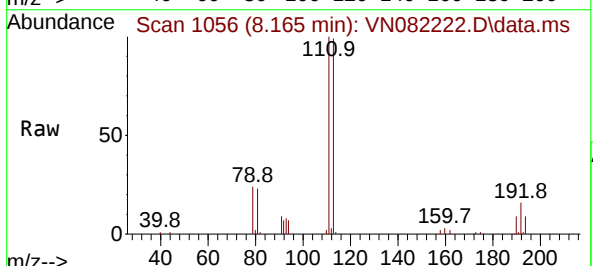
Tgt Ion:113 Resp: 93211

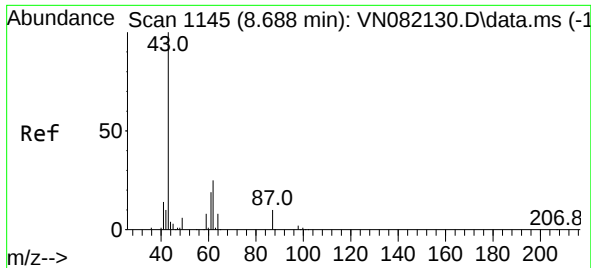
Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

192 17.6 14.0 21.0

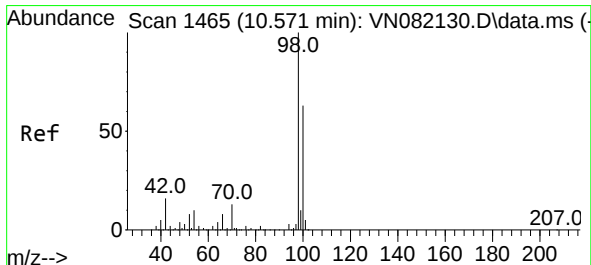
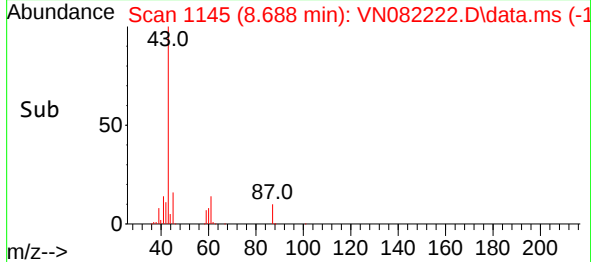
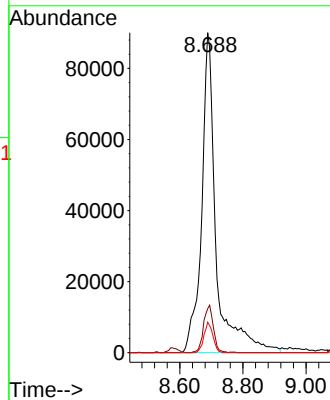
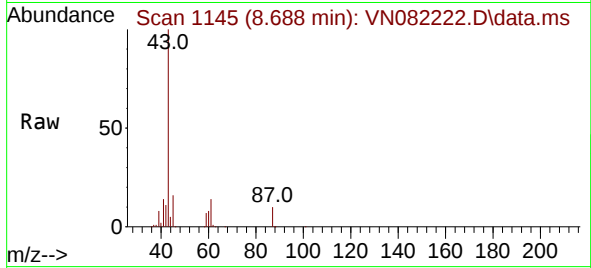




#43
Isopropyl Acetate
Concen: 49.198 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

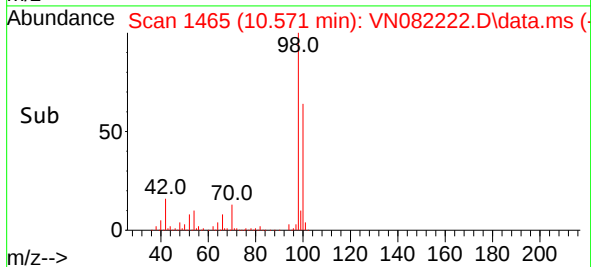
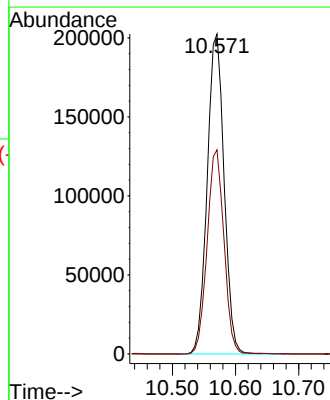
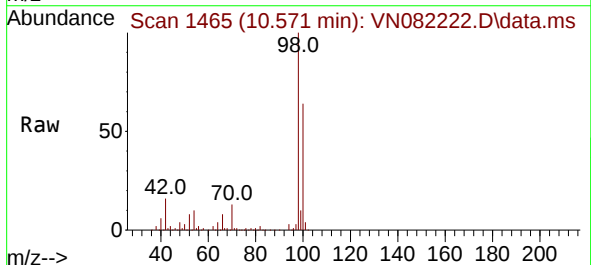
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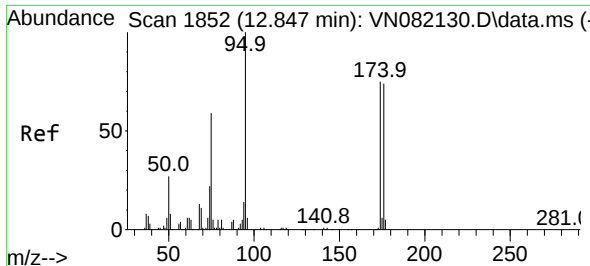
Tgt Ion: 43 Resp: 286972
Ion Ratio Lower Upper
43 100
61 10.0 22.8 34.2#
87 5.9 12.0 18.0#



#50
Toluene-d8
Concen: 55.865 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

Tgt Ion: 98 Resp: 375638
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6

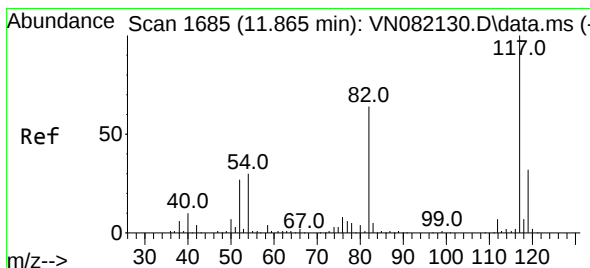
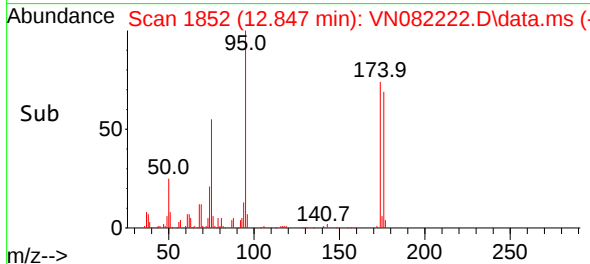
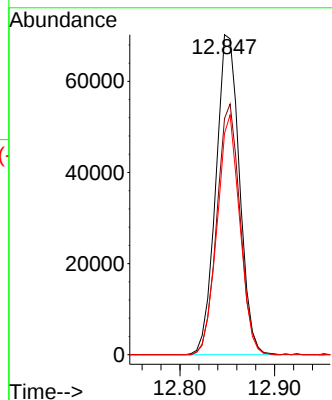
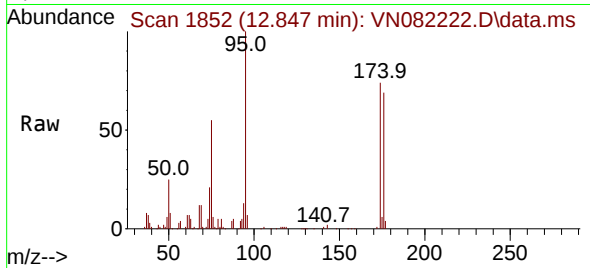




#62
4-Bromofluorobenzene
Concen: 50.681 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

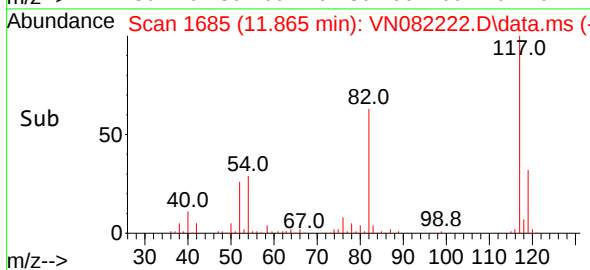
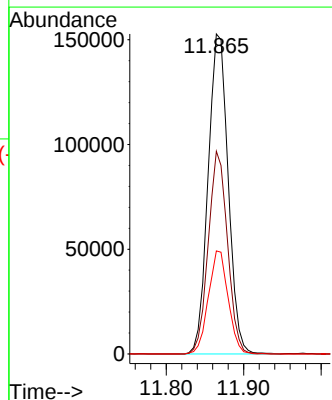
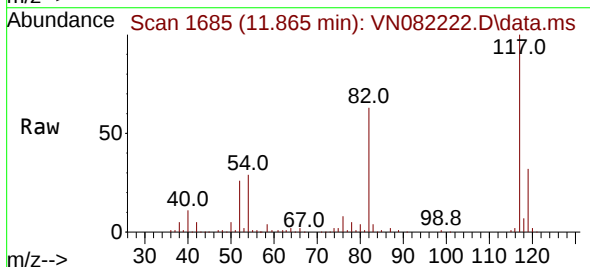
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPJ

Tgt Ion: 95 Resp: 121634
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 72.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

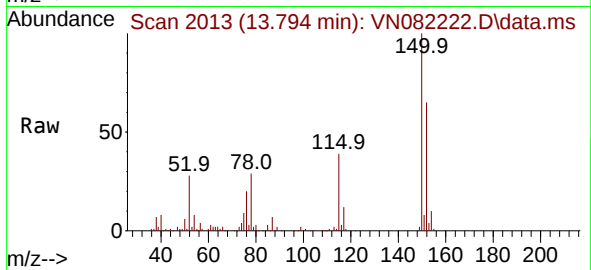
Tgt Ion: 117 Resp: 274315
Ion Ratio Lower Upper
117 100
82 63.4 44.6 66.8
119 32.2 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082222.D
Acq: 20 May 2024 20:12

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPJ



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.4	91.3
150	155.7	0.0	353.2

