

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082217.D
 Acq On : 20 May 2024 18:11
 Operator : JC\MD
 Sample : P2513-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-16

Quant Time: May 21 03:51:48 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)

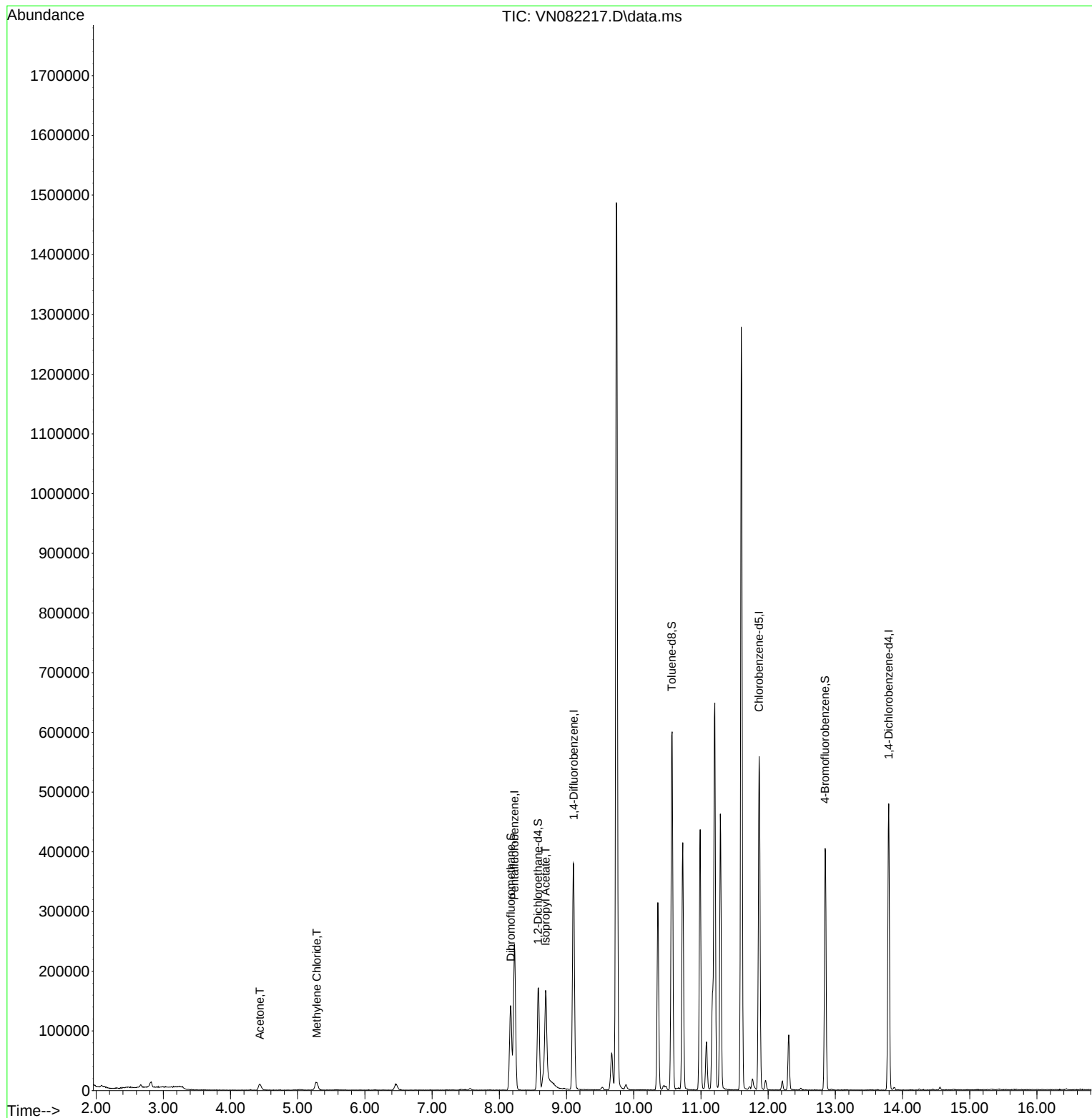
Internal Standards						
1) Pentafluorobenzene	8.224	168	166661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142765	54.250	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.500%	
35) Dibromofluoromethane	8.171	113	98813	52.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.940%	
50) Toluene-d8	10.565	98	391644	54.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.847	95	131491	51.514	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.020%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	20236	18.745	ug/l	92
20) Methylene Chloride	5.283	84	9997	4.590	ug/l #	77
43) Isopropyl Acetate	8.688	43	243589	39.265	ug/l #	72

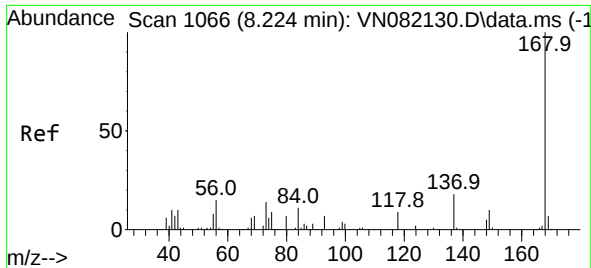
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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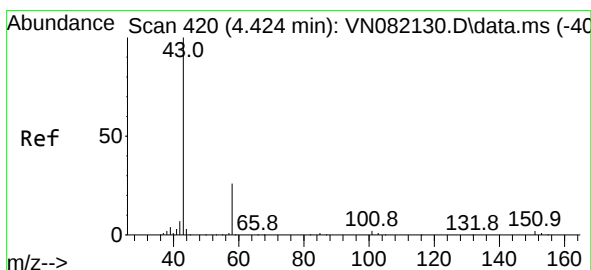
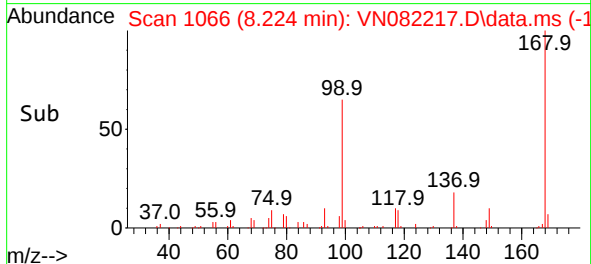
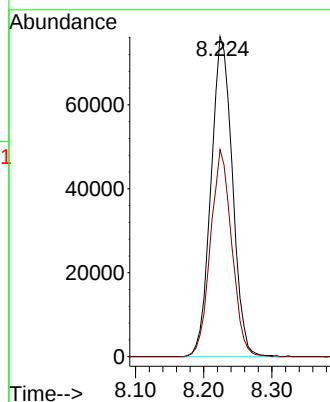
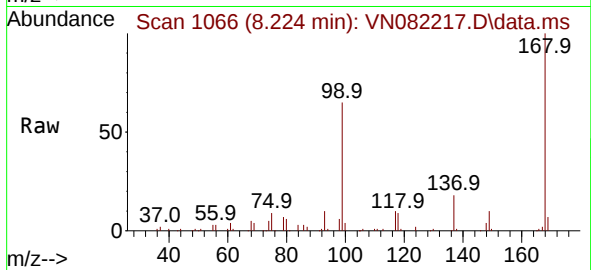




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082217.D
Acq: 20 May 2024 18:11

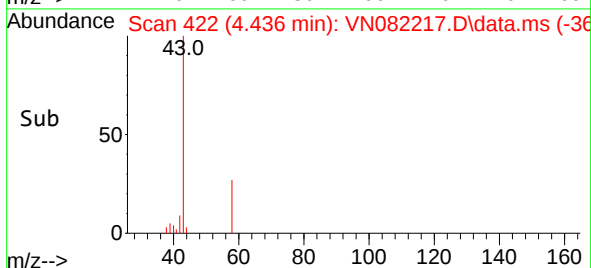
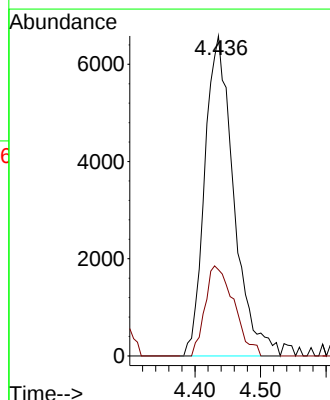
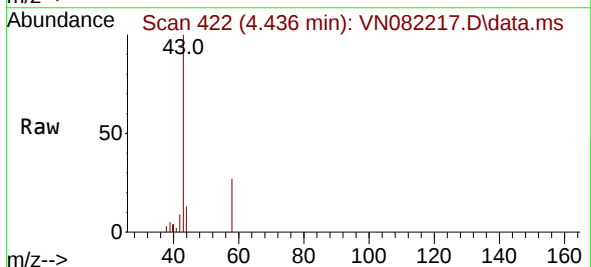
Instrument :
MSVOA_N
ClientSampleId :
TP-16

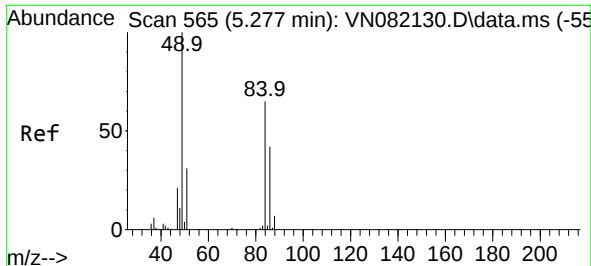
Tgt Ion:168 Resp: 166661
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#16
Acetone
Concen: 18.745 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082217.D
Acq: 20 May 2024 18:11

Tgt Ion: 43 Resp: 20236
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8

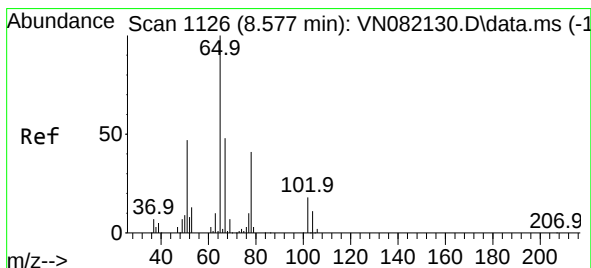
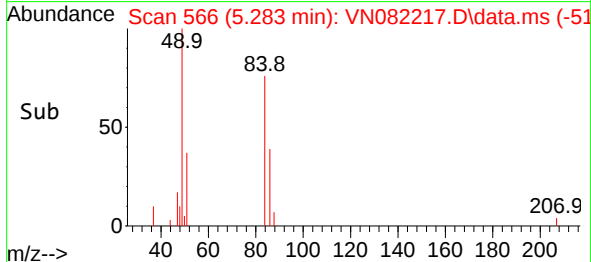
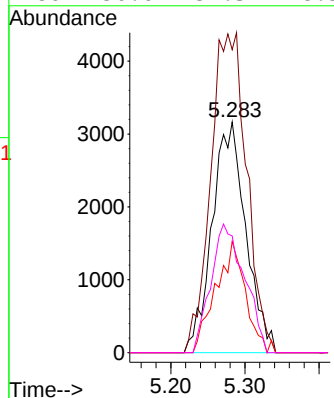
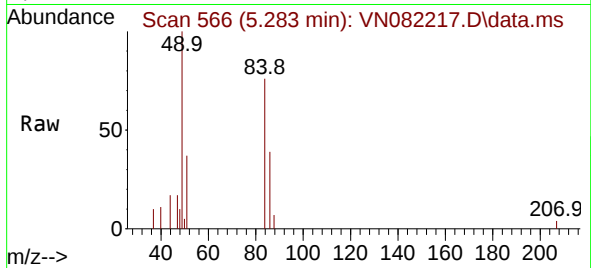




#20
Methylene Chloride
Concen: 4.590 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082217.D
Acq: 20 May 2024 18:11

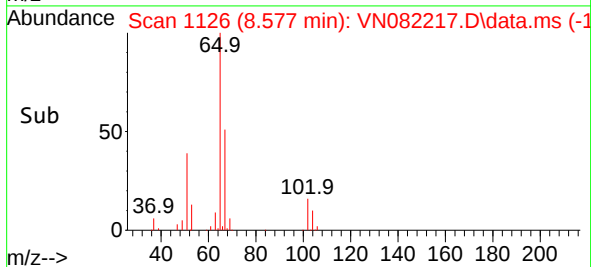
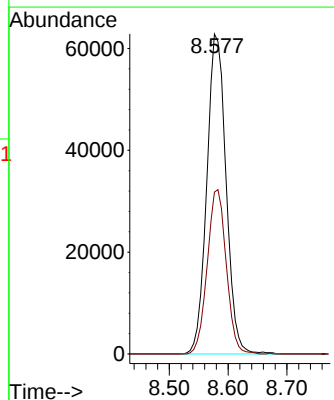
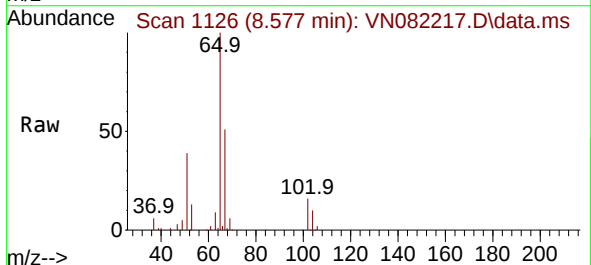
Instrument :
MSVOA_N
ClientSampleId :
TP-16

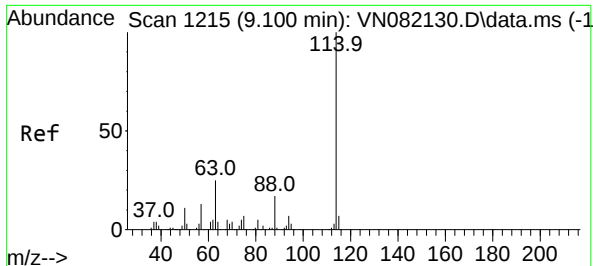
Tgt Ion:	84	Resp:	9997
Ion	Ratio	Lower	Upper
84	100		
49	131.4	84.9	127.3#
51	48.3	27.0	40.6#
86	50.6	52.3	78.5#



#33
1,2-Dichloroethane-d4
Concen: 54.250 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082217.D
Acq: 20 May 2024 18:11

Tgt Ion:	65	Resp:	142765
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082217.D

Acq: 20 May 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

TP-16

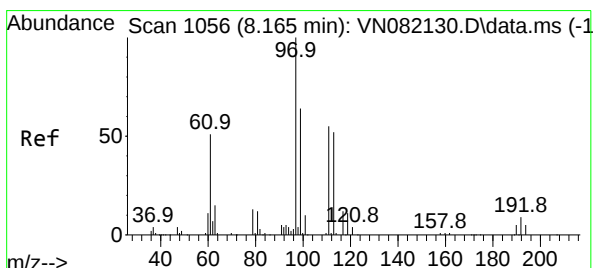
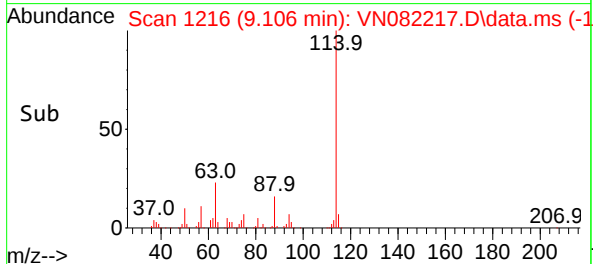
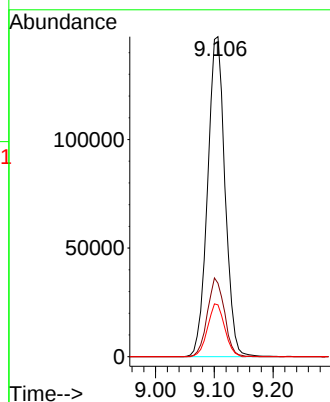
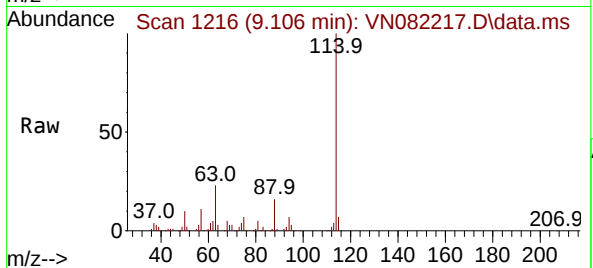
Tgt Ion:114 Resp: 303230

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082217.D

Acq: 20 May 2024 18:11

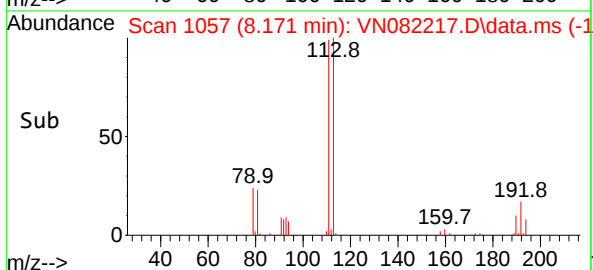
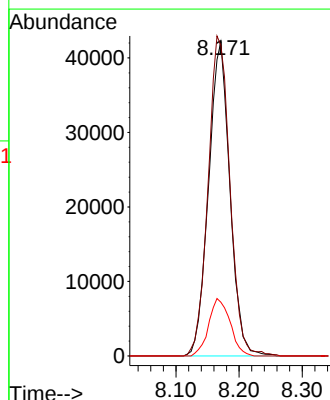
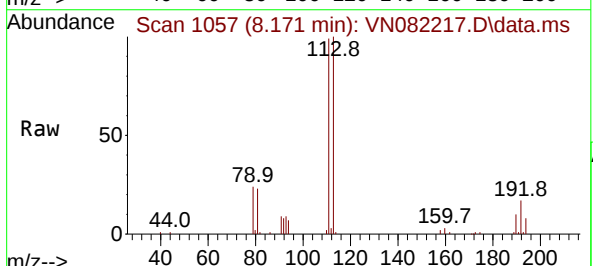
Tgt Ion:113 Resp: 98813

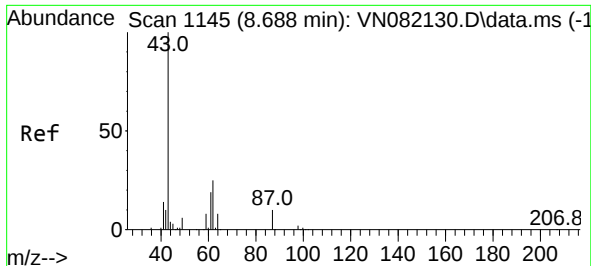
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.2

192 18.4 14.0 21.0





#43

Isopropyl Acetate

Concen: 39.265 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082217.D

Acq: 20 May 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

TP-16

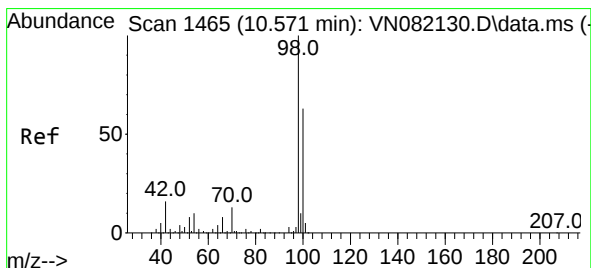
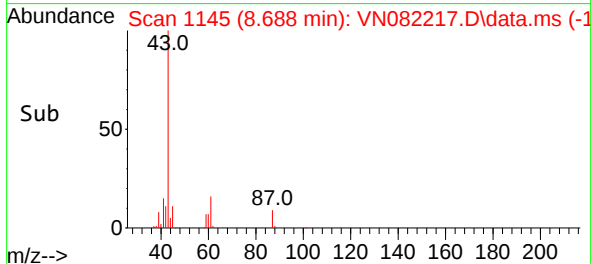
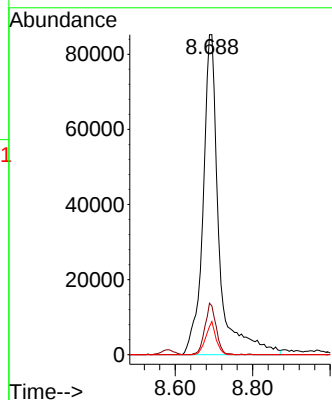
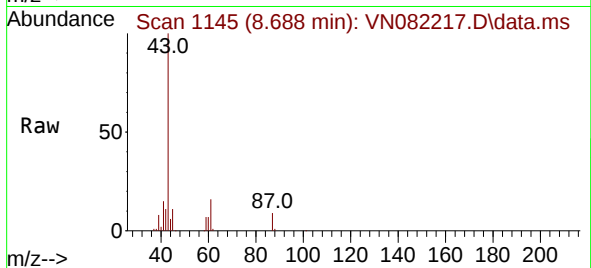
Tgt Ion: 43 Resp: 243589

Ion Ratio Lower Upper

43 100

61 11.3 22.8 34.2#

87 6.6 12.0 18.0#



#50

Toluene-d8

Concen: 54.764 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082217.D

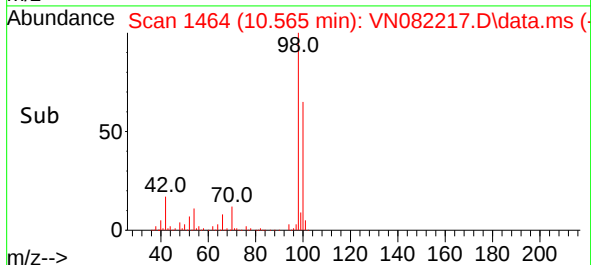
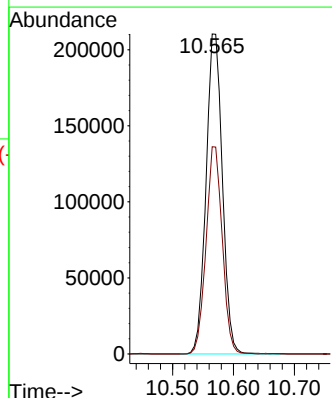
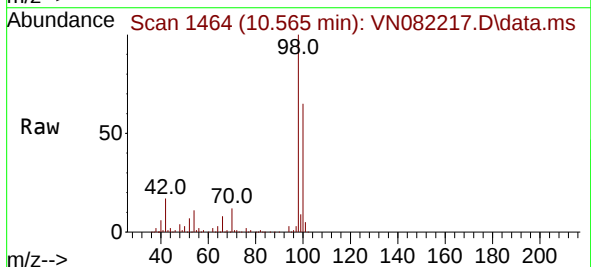
Acq: 20 May 2024 18:11

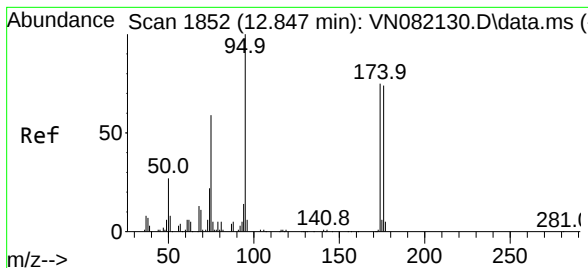
Tgt Ion: 98 Resp: 391644

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6

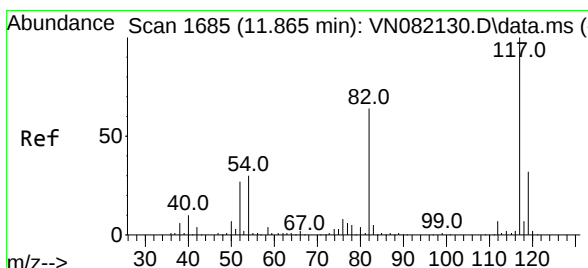
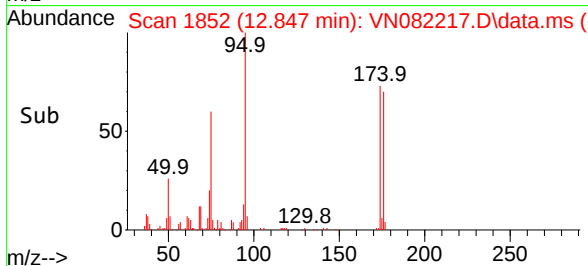
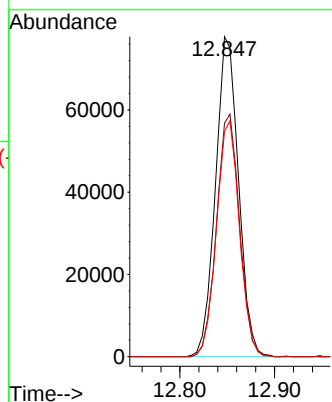
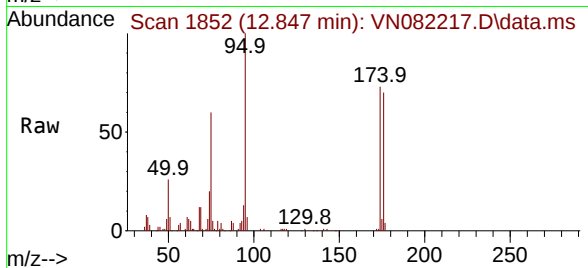




#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082217.D
Acq: 20 May 2024 18:11

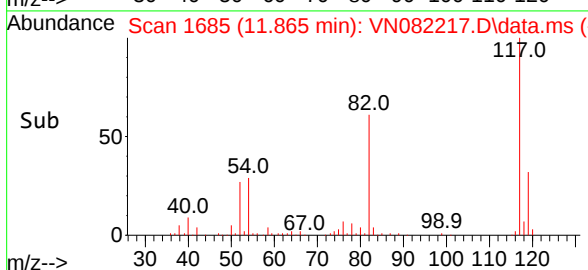
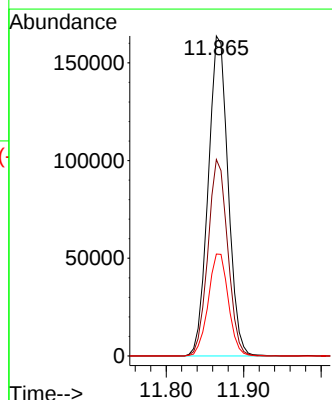
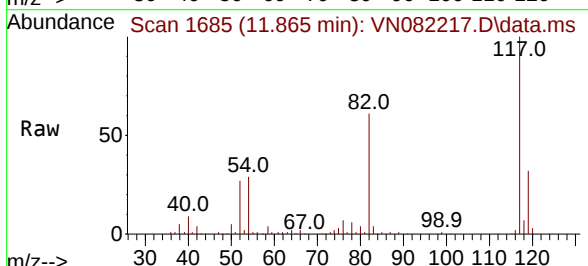
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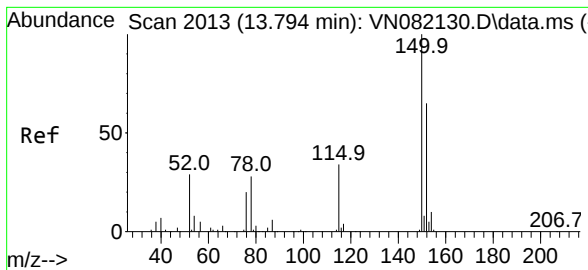
Tgt Ion: 95 Resp: 131491
Ion Ratio Lower Upper
95 100
174 75.9 0.0 160.6
176 73.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082217.D
Acq: 20 May 2024 18:11

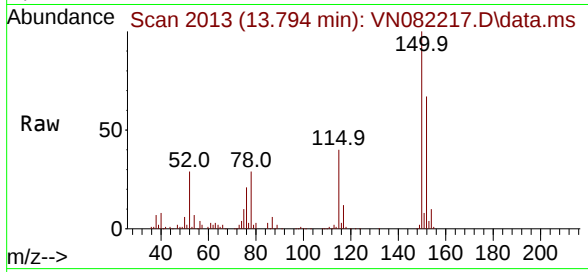
Tgt Ion: 117 Resp: 291705
Ion Ratio Lower Upper
117 100
82 61.4 44.6 66.8
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082217.D
 Acq: 20 May 2024 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-16



Tgt Ion:152 Resp: 120521
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.4 91.3
 150 154.7 0.0 353.2

