

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082214.D
 Acq On : 20 May 2024 16:59
 Operator : JC\MD
 Sample : P2513-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13

Quant Time: May 21 03:50:19 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)

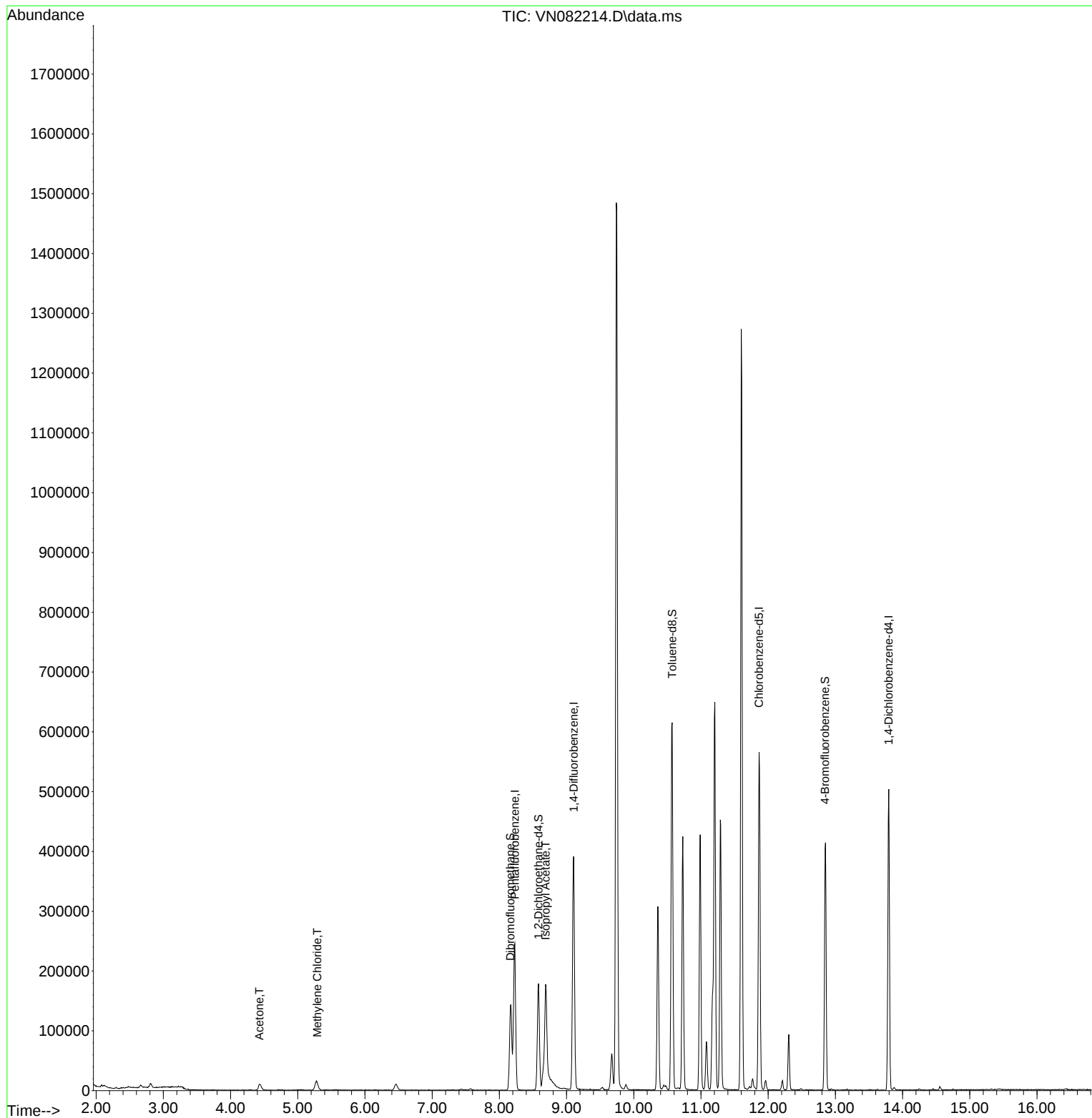
Internal Standards						
1) Pentafluorobenzene	8.229	168	170158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142999	53.222	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.440%		
35) Dibromofluoromethane	8.165	113	100412	53.052	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.100%		
50) Toluene-d8	10.571	98	401388	55.314	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.620%		
62) 4-Bromofluorobenzene	12.847	95	133949	51.717	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 103.440%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	21394	19.410	ug/l #	81
20) Methylene Chloride	5.289	84	10827	4.869	ug/l #	87
43) Isopropyl Acetate	8.688	43	265247	42.137	ug/l #	71

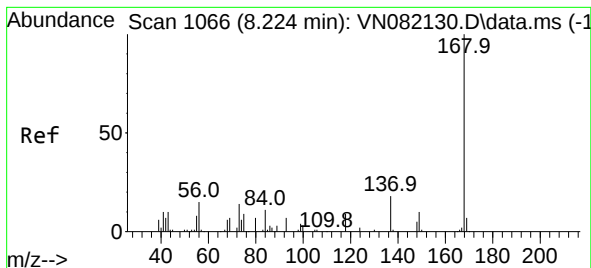
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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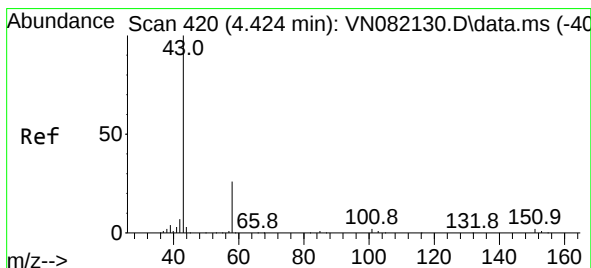
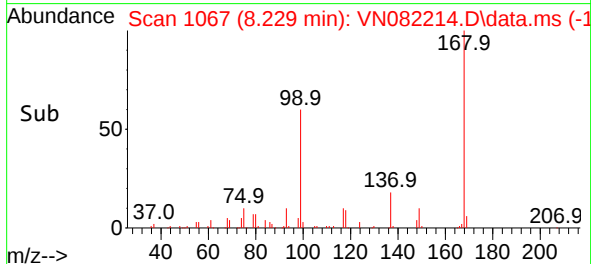
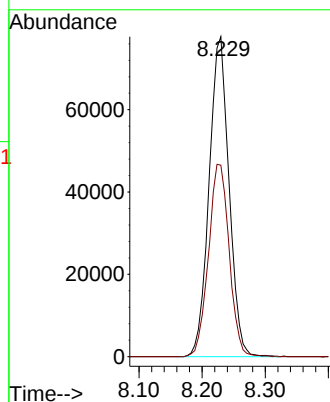
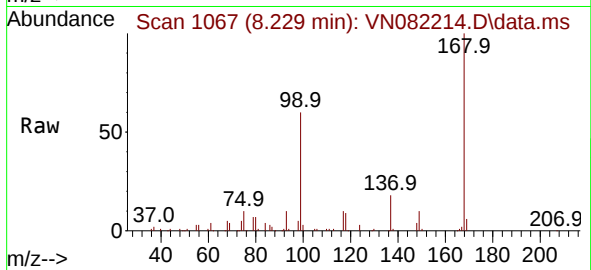




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

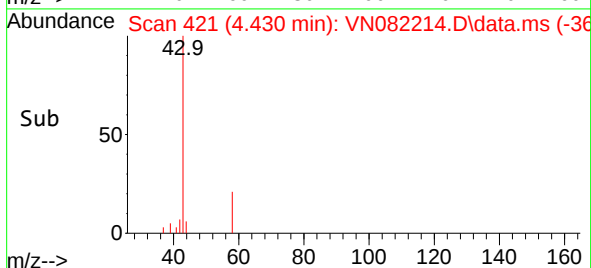
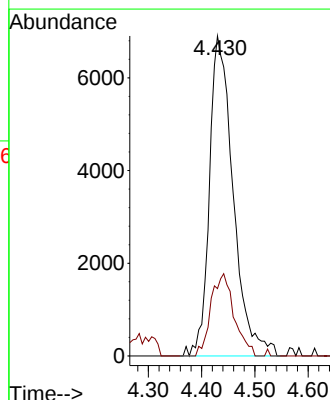
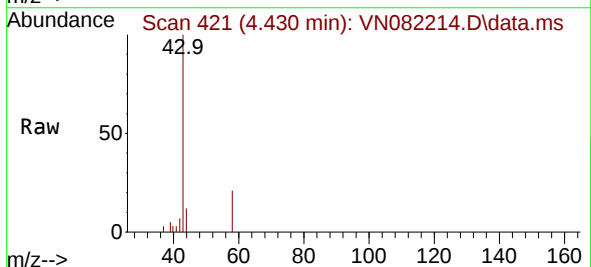
Instrument :
MSVOA_N
ClientSampleId :
TP-13

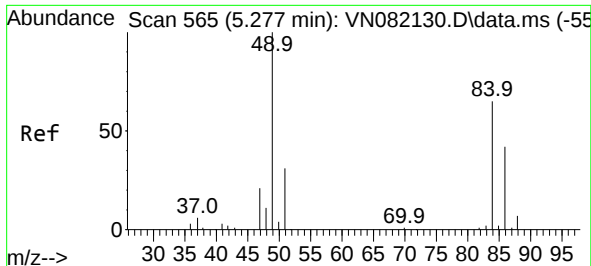
Tgt Ion:168 Resp: 170158
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#16
Acetone
Concen: 19.410 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

Tgt Ion: 43 Resp: 21394
Ion Ratio Lower Upper
43 100
58 21.0 25.2 37.8#

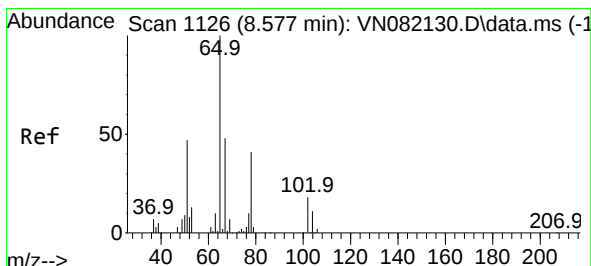
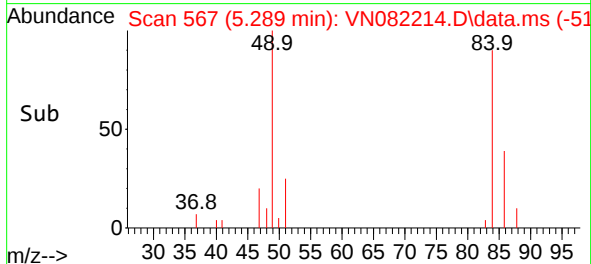
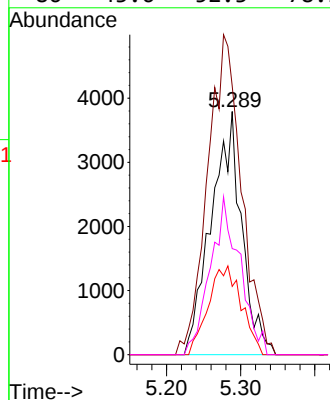
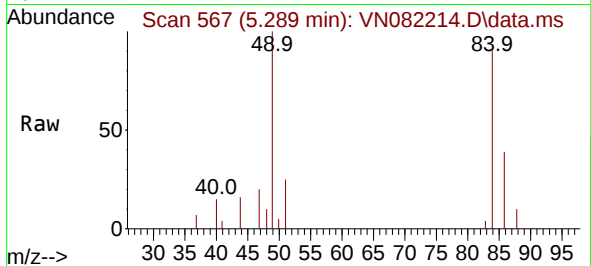




#20
Methylene Chloride
Concen: 4.869 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

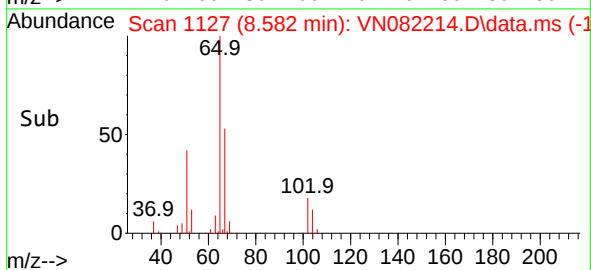
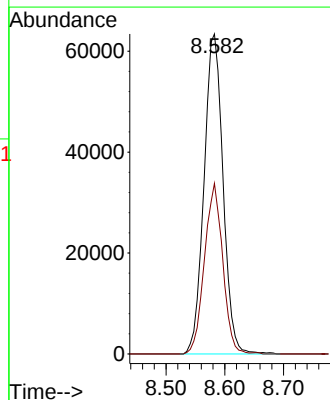
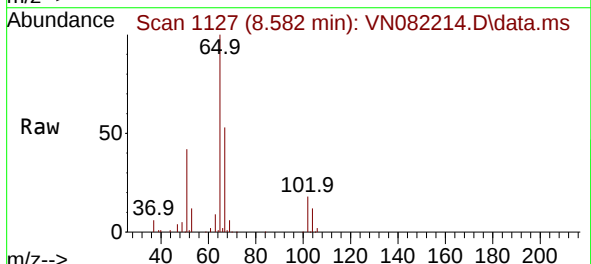
Instrument :
MSVOA_N
ClientSampleId :
TP-13

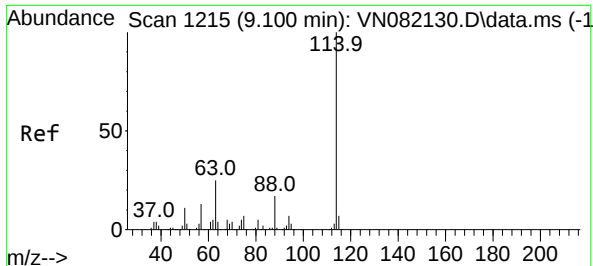
Tgt Ion:	84	Resp:	10827
Ion	Ratio	Lower	Upper
84	100		
49	110.5	84.9	127.3
51	28.1	27.0	40.6
86	43.6	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.222 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

Tgt Ion:	65	Resp:	142999
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VN082214.D

Acq: 20 May 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

TP-13

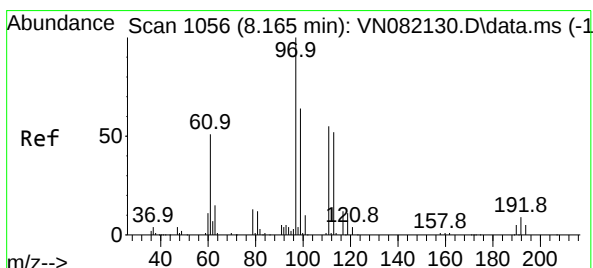
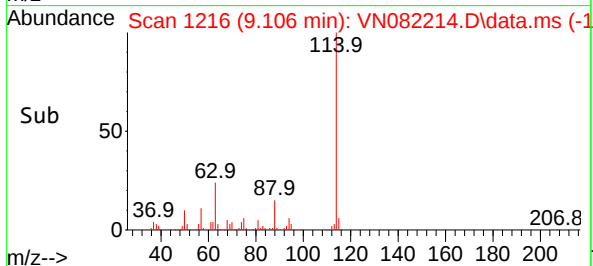
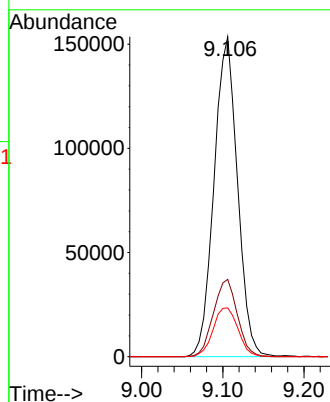
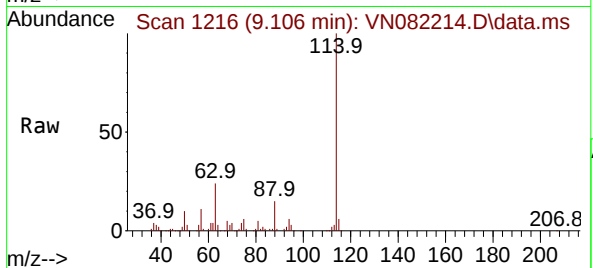
Tgt Ion:114 Resp: 307682

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.052 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082214.D

Acq: 20 May 2024 16:59

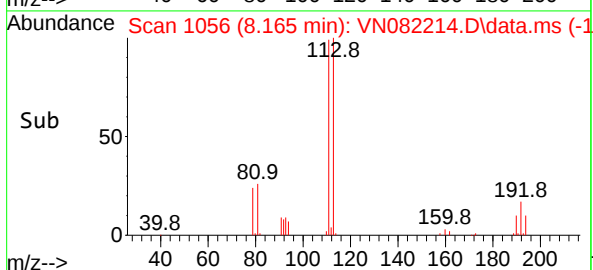
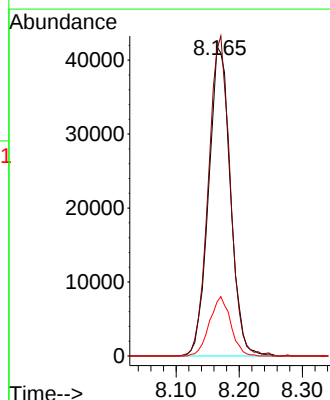
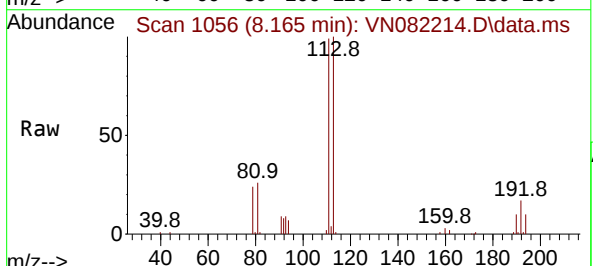
Tgt Ion:113 Resp: 100412

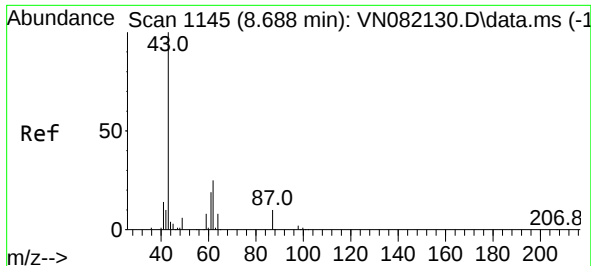
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 18.6 14.0 21.0

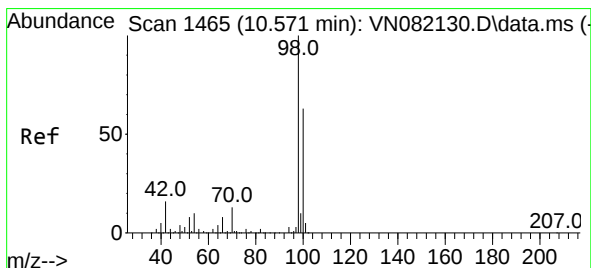
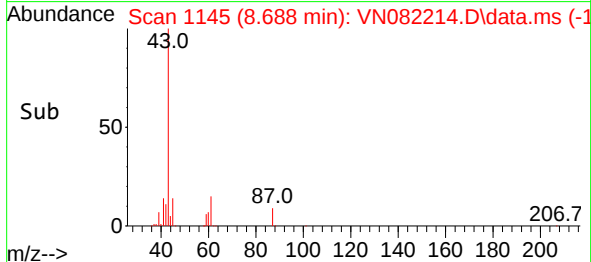
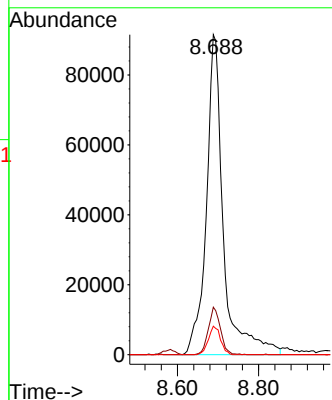
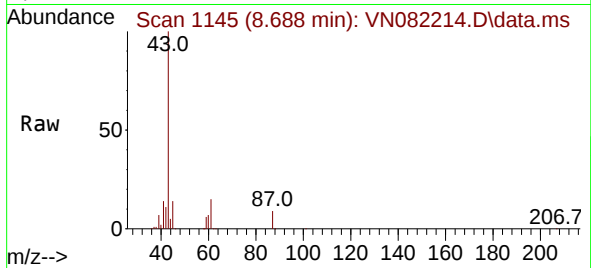




#43
Isopropyl Acetate
Concen: 42.137 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

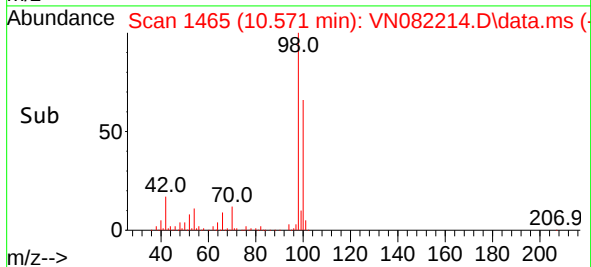
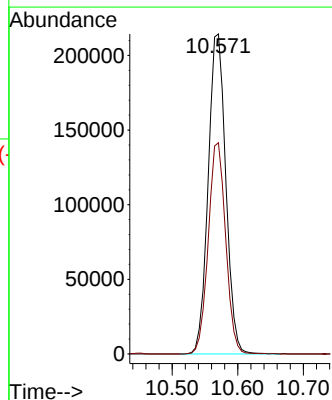
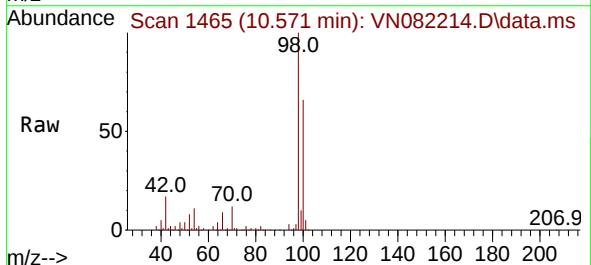
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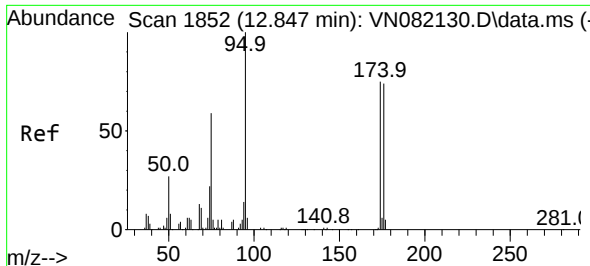
Tgt Ion: 43 Resp: 265247
Ion Ratio Lower Upper
43 100
61 10.6 22.8 34.2#
87 6.3 12.0 18.0#



#50
Toluene-d8
Concen: 55.314 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

Tgt Ion: 98 Resp: 401388
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

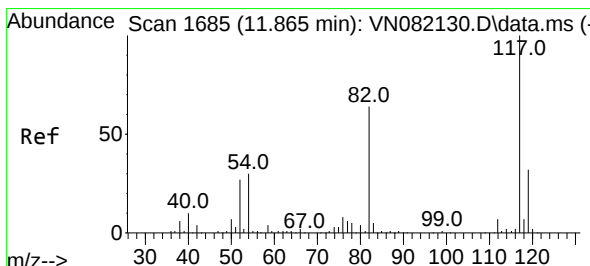
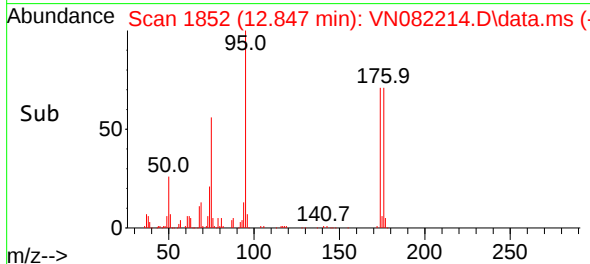
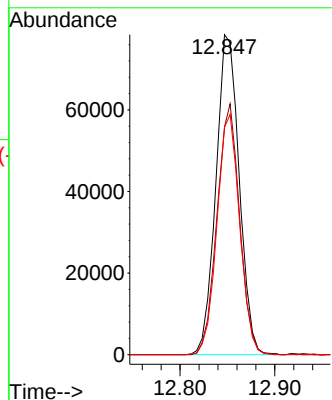
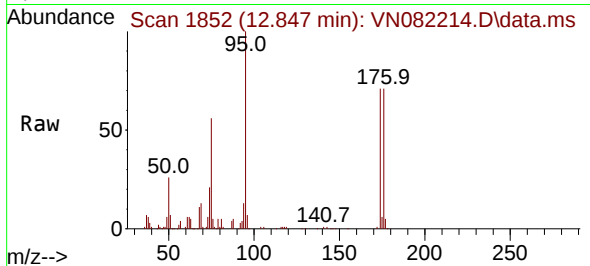




#62
4-Bromofluorobenzene
Concen: 51.717 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

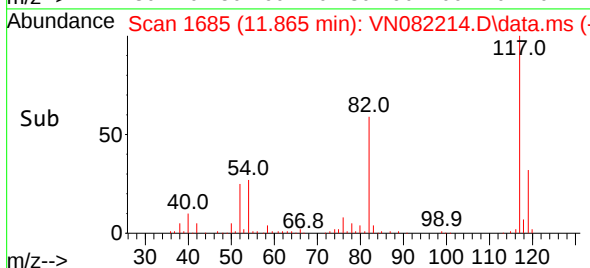
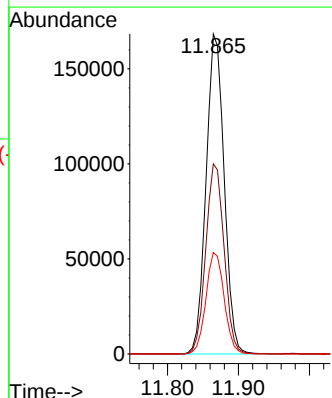
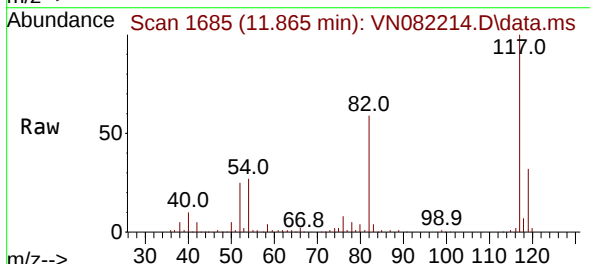
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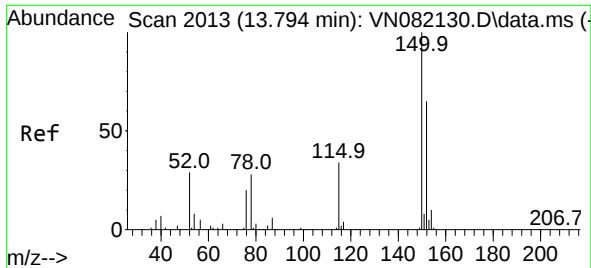
Tgt Ion: 95 Resp: 133949
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.6
176 72.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082214.D
Acq: 20 May 2024 16:59

Tgt Ion: 117 Resp: 298343
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 31.7 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: VN082214.D
 Acq: 20 May 2024 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13

Tgt Ion:152 Resp: 123358
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.4 91.3
 150 159.2 0.0 353.2

