

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082243.D
 Acq On : 21 May 2024 16:17
 Operator : JC\MD
 Sample : PB161006TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161006TB

Quant Time: May 22 01:28:28 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)

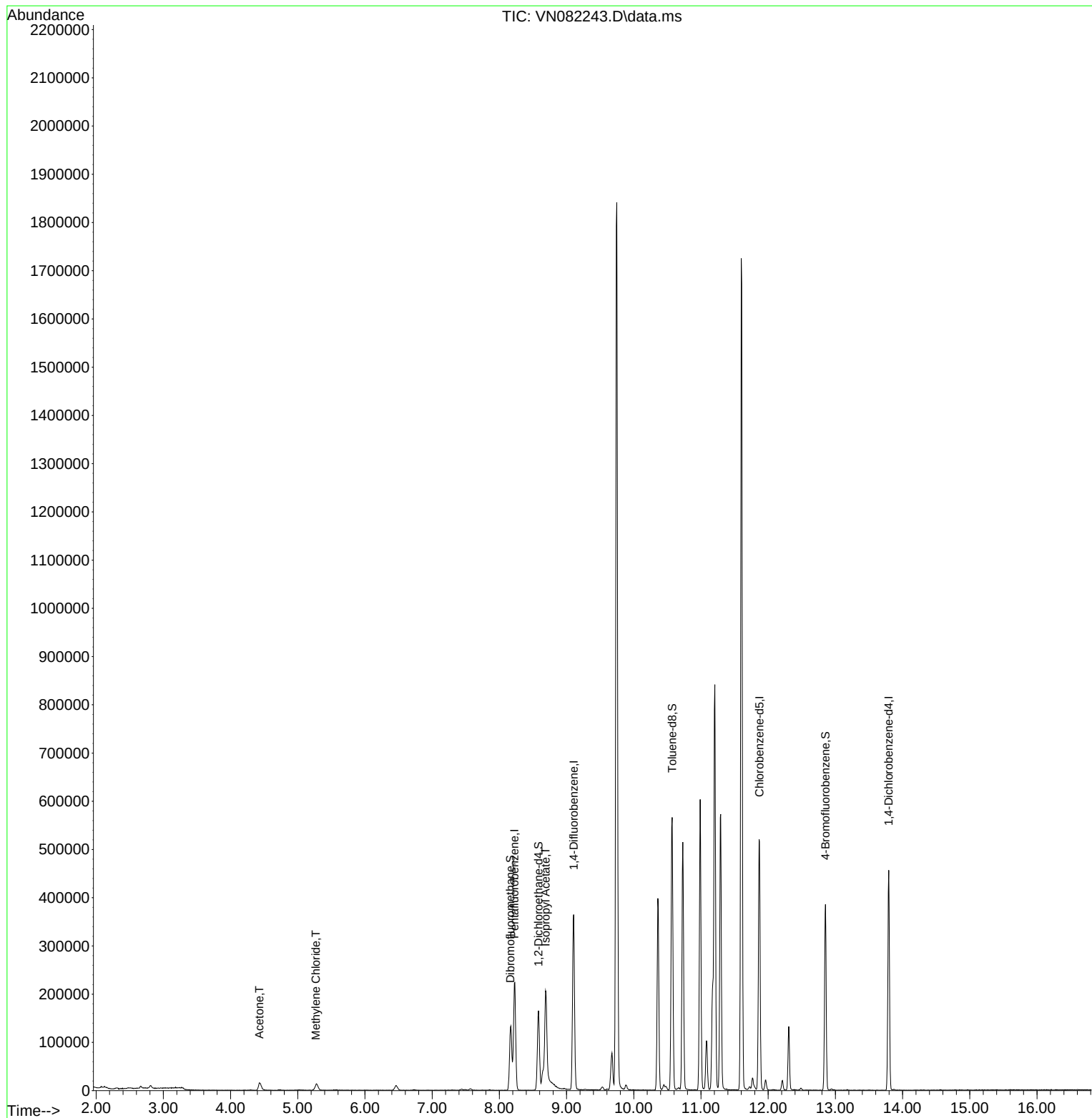
Internal Standards						
1) Pentafluorobenzene	8.224	168	156585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134828	54.531	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.060%		
35) Dibromofluoromethane	8.165	113	94502	54.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 108.620%		
50) Toluene-d8	10.570	98	368487	55.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 110.460%		
62) 4-Bromofluorobenzene	12.853	95	123326	51.791	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 103.580%		
Target Compounds						Qvalue
16) Acetone	4.430	43	31513	31.070	ug/l	89
20) Methylene Chloride	5.271	84	8878	4.338	ug/l #	78
43) Isopropyl Acetate	8.688	43	316162	54.630	ug/l #	72

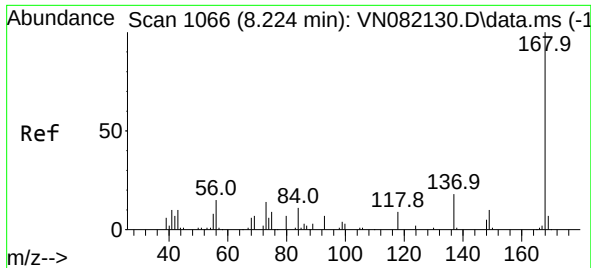
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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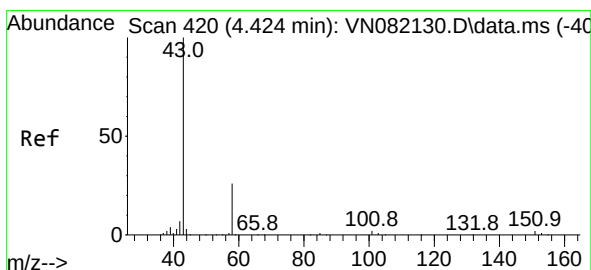
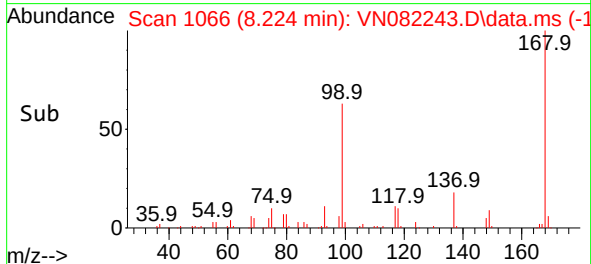
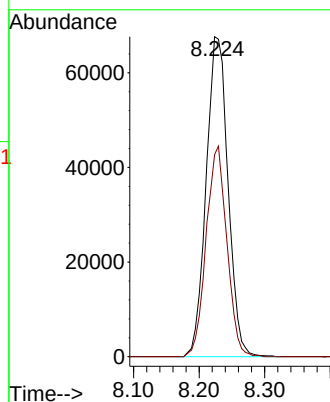
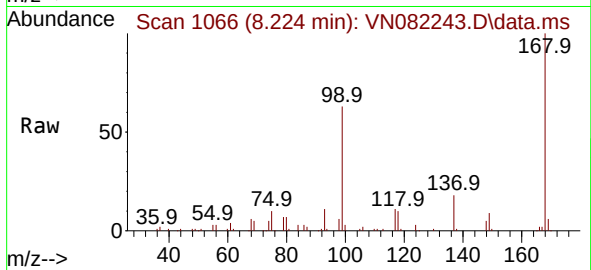




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

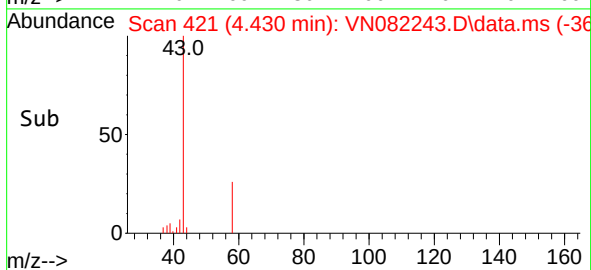
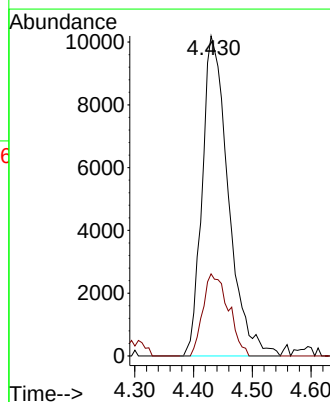
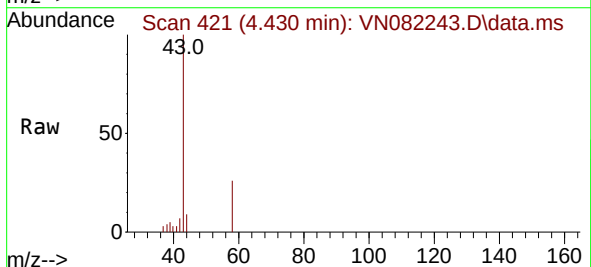
Instrument :
MSVOA_N
ClientSampleId :
PB161006TB

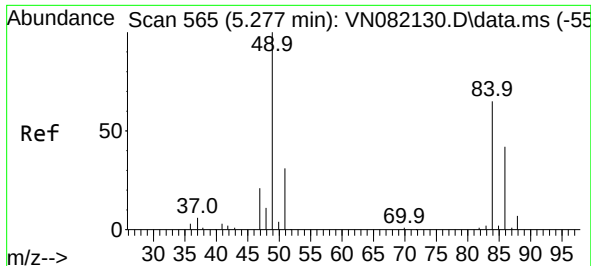
Tgt Ion:168 Resp: 156585
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#16
Acetone
Concen: 31.070 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

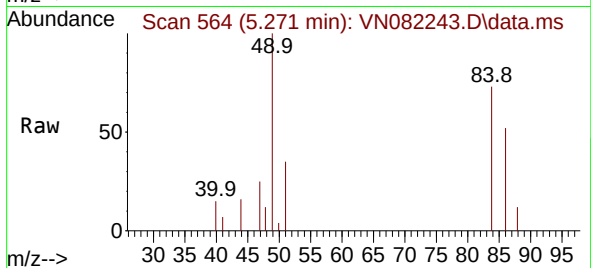
Tgt Ion: 43 Resp: 31513
Ion Ratio Lower Upper
43 100
58 25.6 25.2 37.8



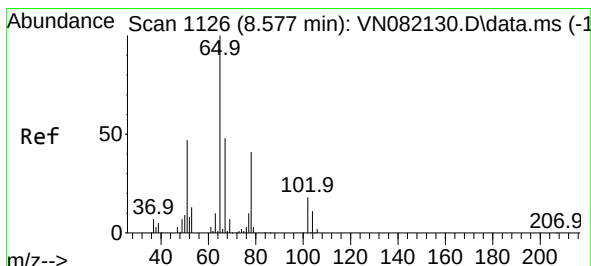
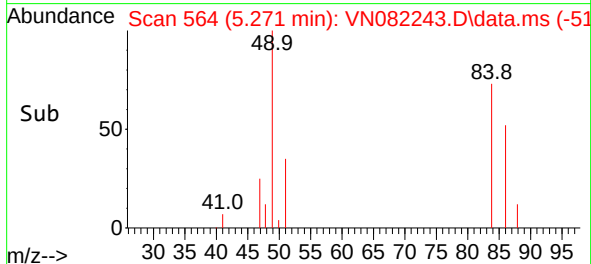
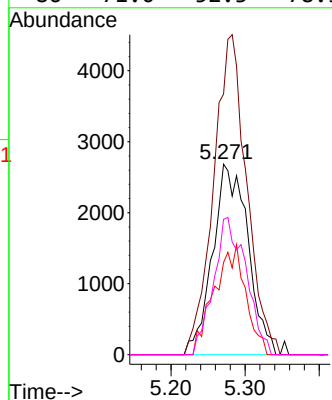


#20
Methylene Chloride
Concen: 4.338 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :
PB161006TB

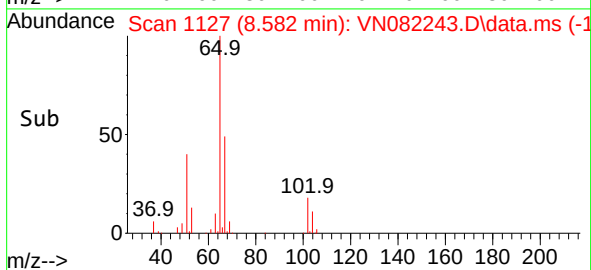
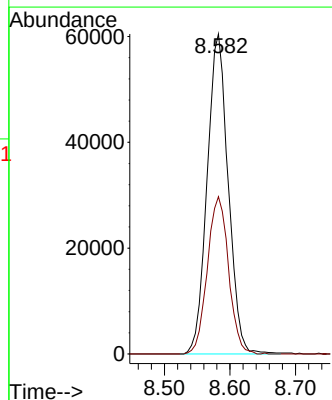
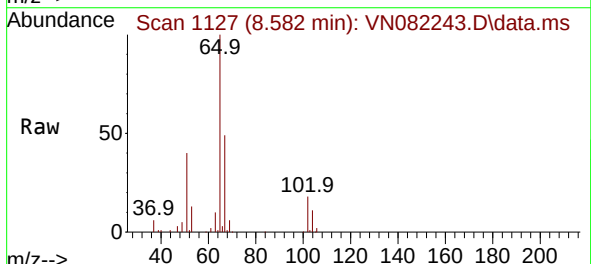


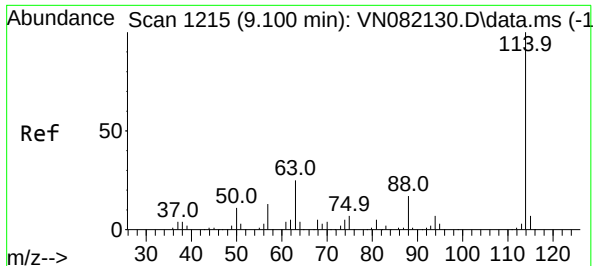
Tgt Ion:	84	Resp:	8878
Ion	Ratio	Lower	Upper
84	100		
49	136.8	84.9	127.3#
51	48.4	27.0	40.6#
86	71.0	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 54.531 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

Tgt Ion:	65	Resp:	134828
Ion	Ratio	Lower	Upper
65	100		
67	49.4	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: VN082243.D

Acq: 21 May 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

PB161006TB

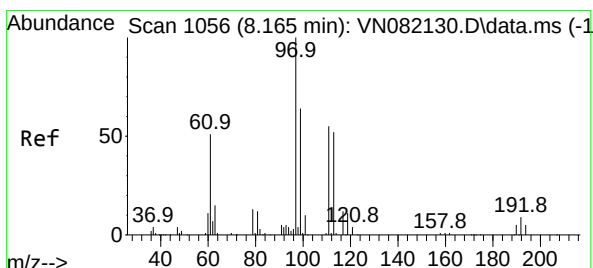
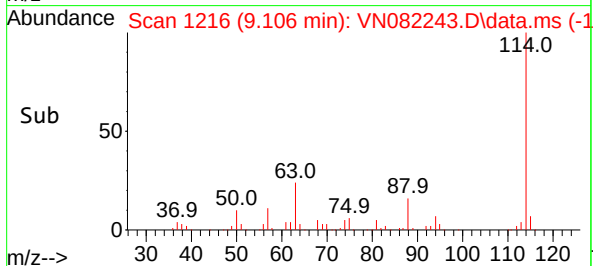
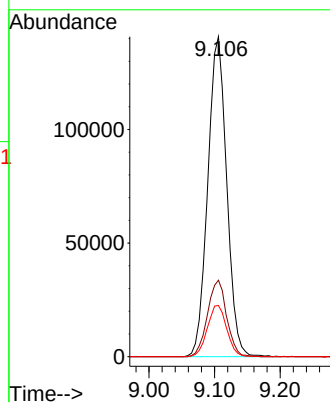
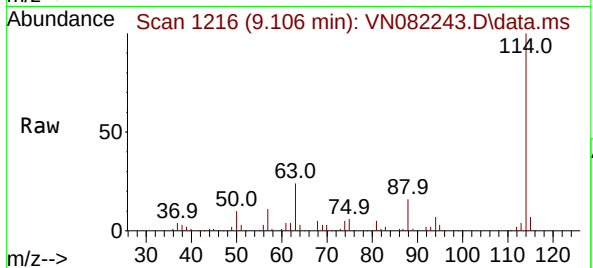
Tgt Ion:114 Resp: 282875

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.308 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082243.D

Acq: 21 May 2024 16:17

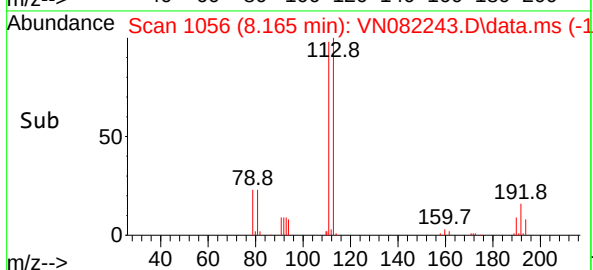
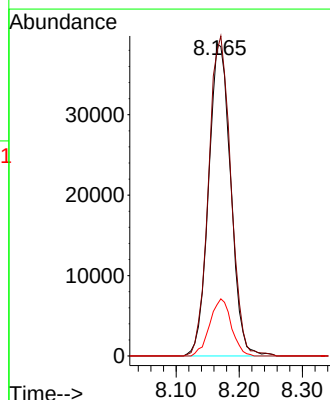
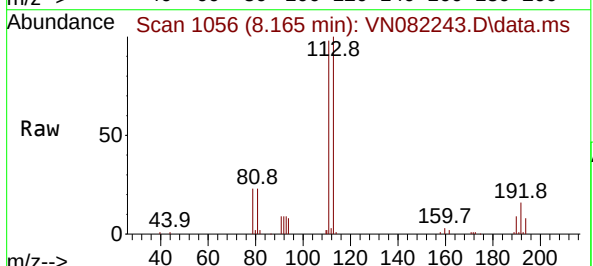
Tgt Ion:113 Resp: 94502

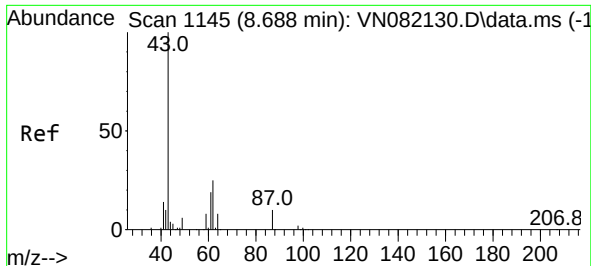
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 17.8 14.0 21.0

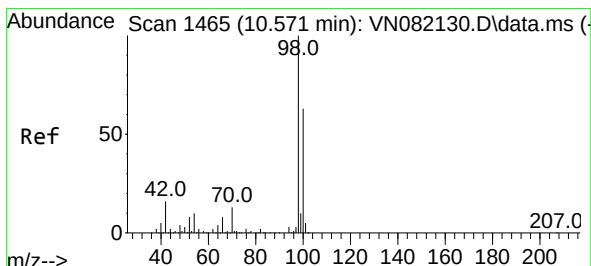
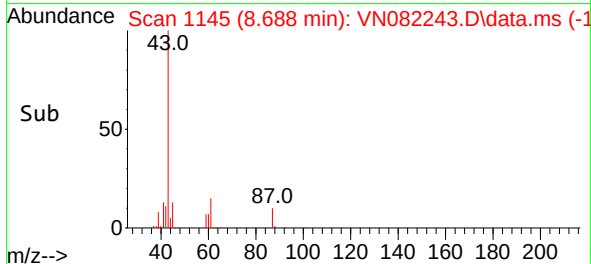
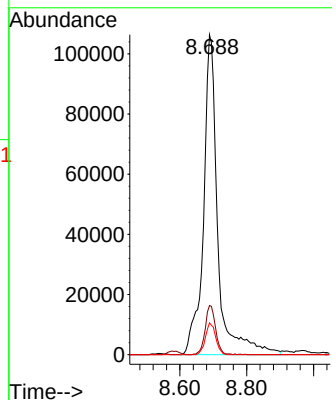
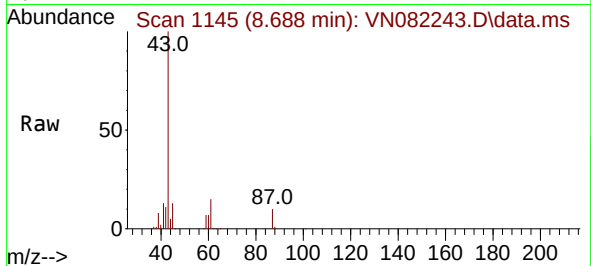




#43
Isopropyl Acetate
Concen: 54.630 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

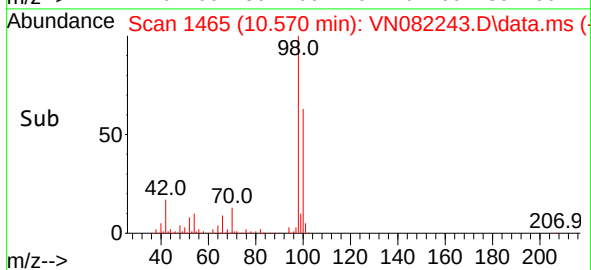
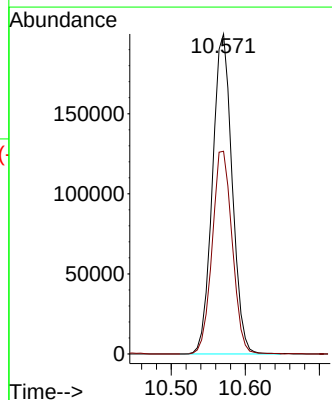
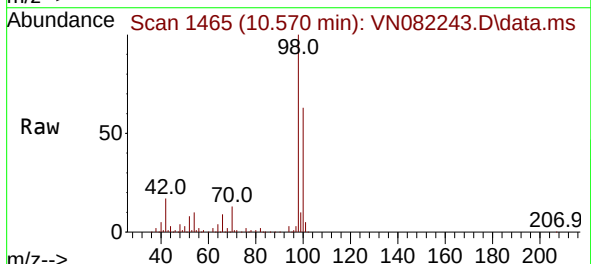
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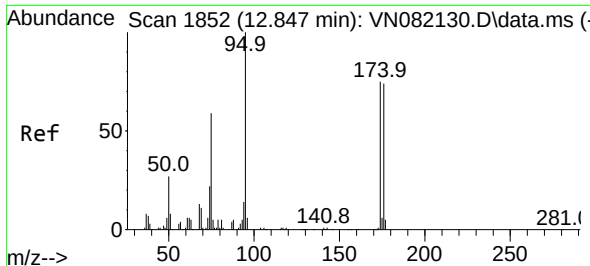
Tgt Ion: 43 Resp: 316162
Ion Ratio Lower Upper
43 100
61 11.2 22.8 34.2#
87 7.1 12.0 18.0#



#50
Toluene-d8
Concen: 55.233 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

Tgt Ion: 98 Resp: 368487
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

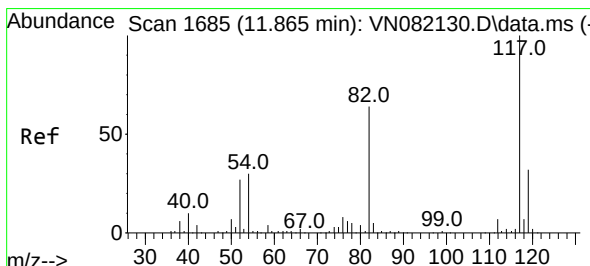
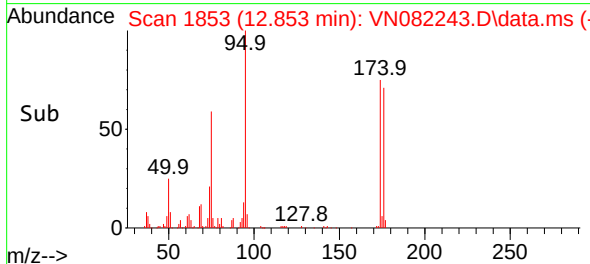
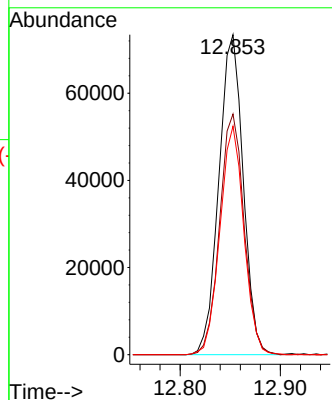
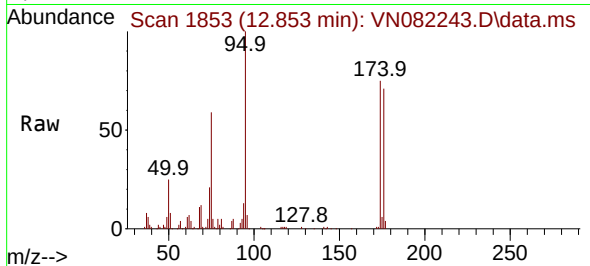




#62
4-Bromofluorobenzene
Concen: 51.791 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

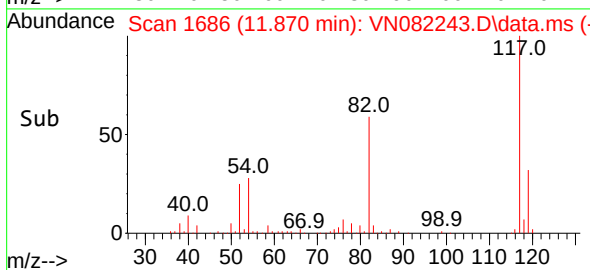
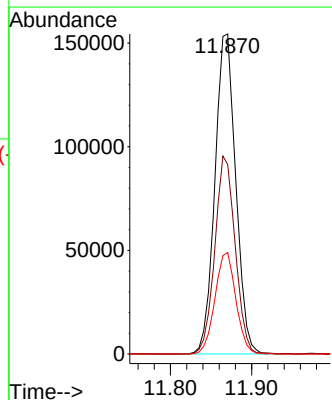
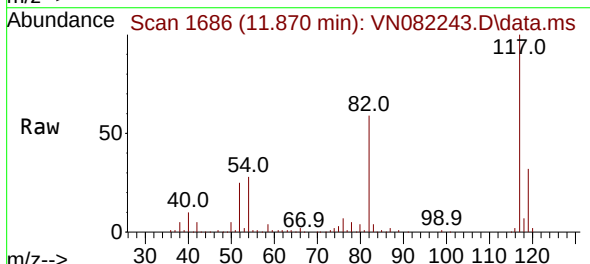
Instrument :
MSVOA_N
ClientSampleId :
PB161006TB

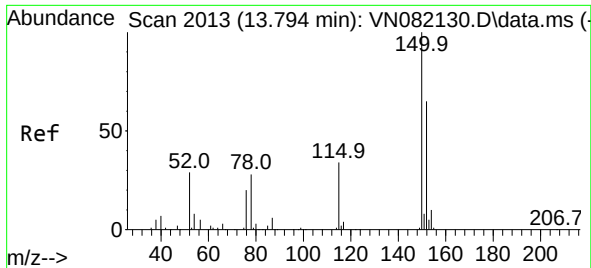
Tgt Ion: 95 Resp: 123326
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.6
176 70.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082243.D
Acq: 21 May 2024 16:17

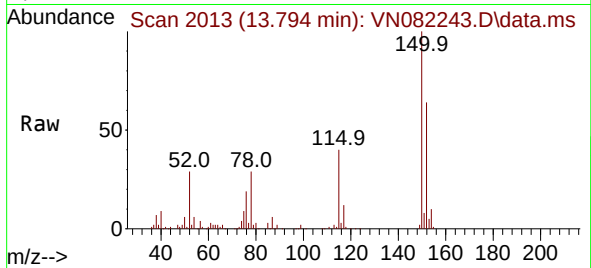
Tgt Ion: 117 Resp: 275676
Ion Ratio Lower Upper
117 100
82 59.2 44.6 66.8
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082243.D
 Acq: 21 May 2024 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161006TB



Tgt Ion:152 Resp: 111419
 Ion Ratio Lower Upper
 152 100
 115 61.9 30.4 91.3
 150 157.5 0.0 353.2

