

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082292.D
 Acq On : 22 May 2024 15:01
 Operator : JC\MD
 Sample : PB161037ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#05

Quant Time: May 23 02:07:29 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)

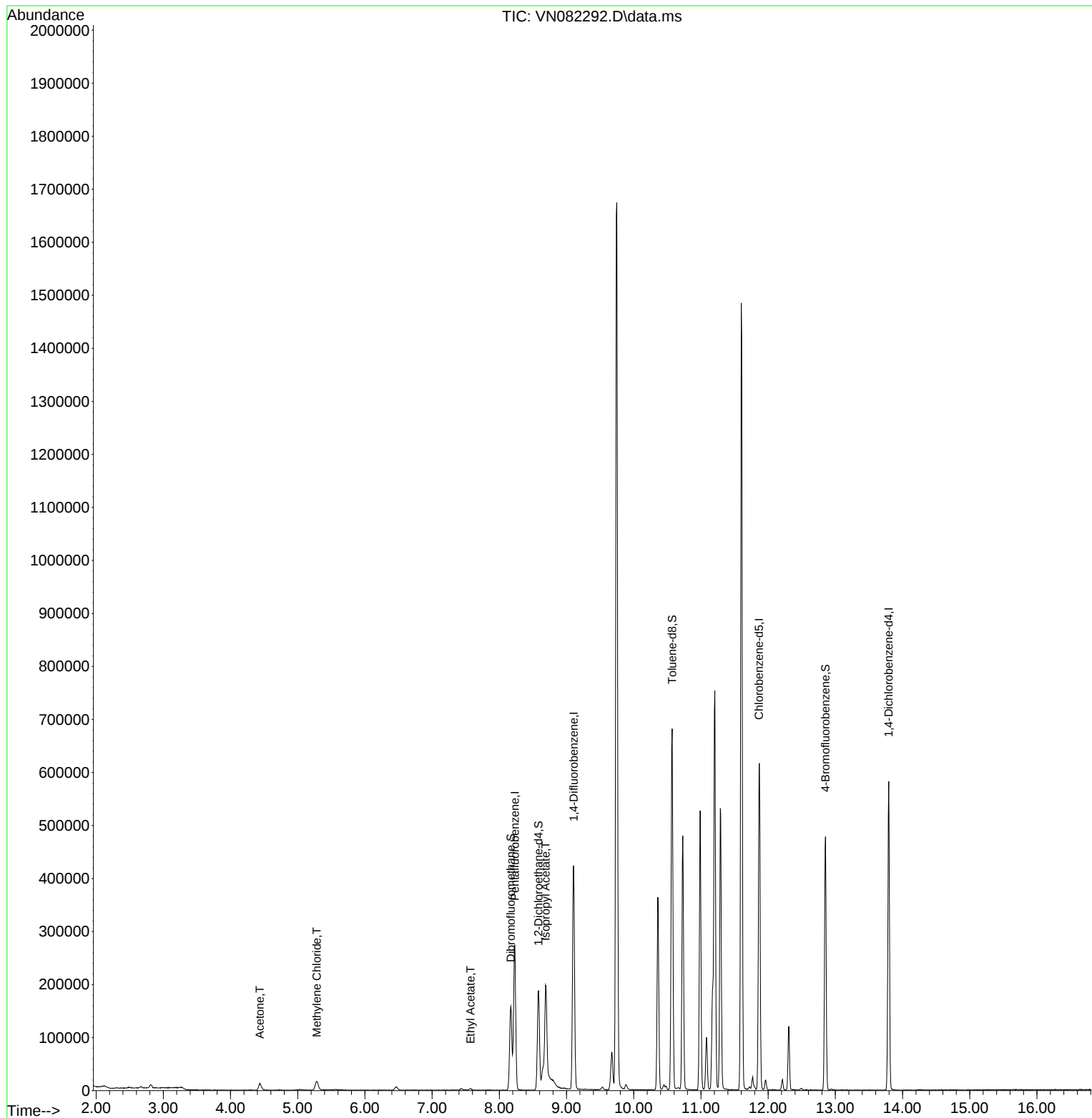
Internal Standards						
1) Pentafluorobenzene	8.230	168	189542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158139	52.838	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.680%	
35) Dibromofluoromethane	8.171	113	110895	52.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.571	98	434076	53.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.853	95	155521	54.164	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	24054	19.592	ug/l	91
20) Methylene Chloride	5.283	84	12325	4.976	ug/l #	82
37) Ethyl Acetate	7.571	43	5231	1.328	ug/l #	86
43) Isopropyl Acetate	8.688	43	288498	41.341	ug/l #	72

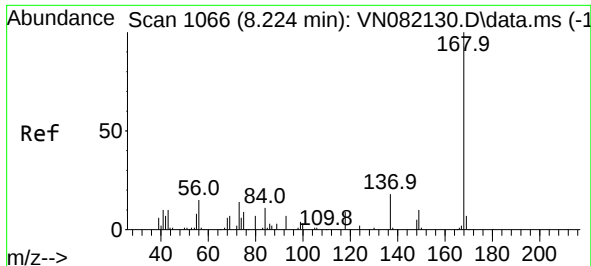
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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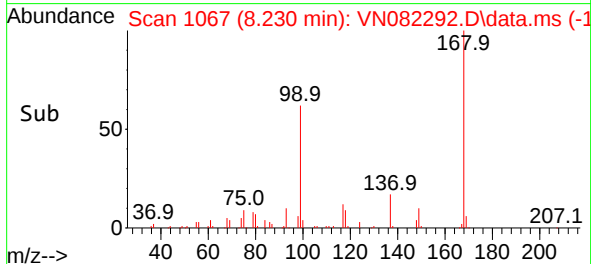
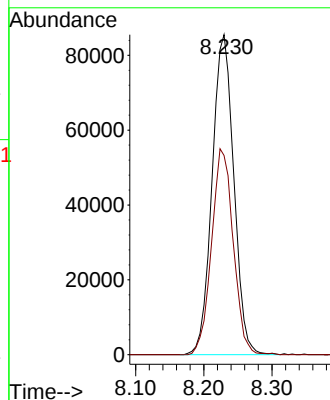
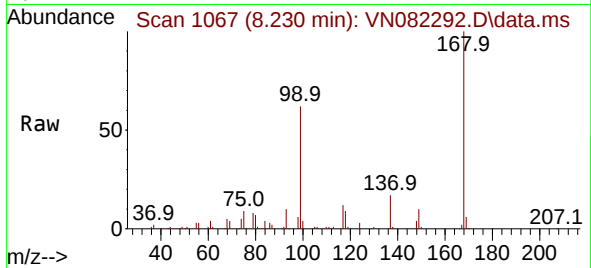




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

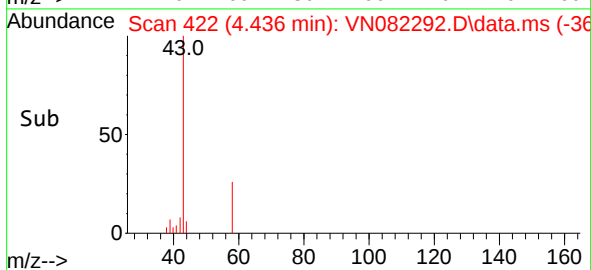
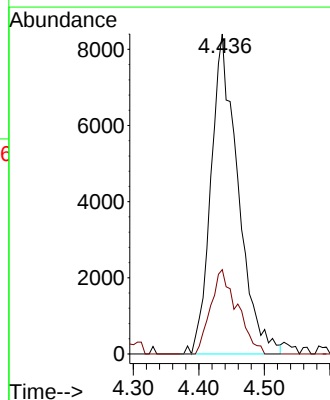
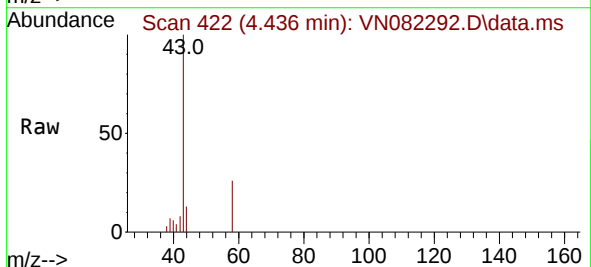
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#05

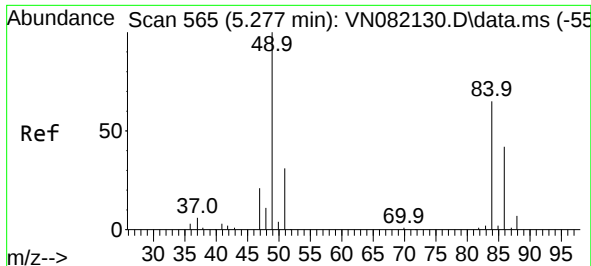
Tgt Ion:168 Resp: 189542
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#16
Acetone
Concen: 19.592 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

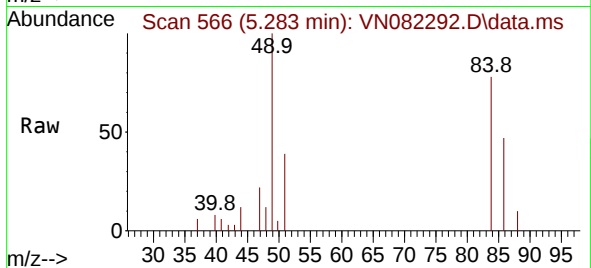
Tgt Ion: 43 Resp: 24054
Ion Ratio Lower Upper
43 100
58 26.3 25.2 37.8



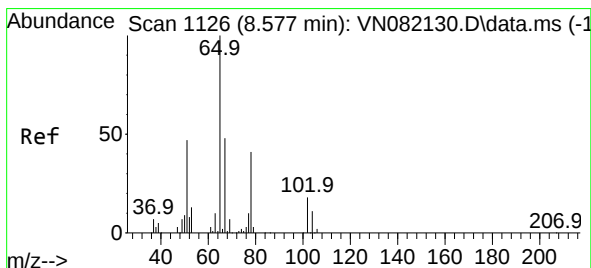
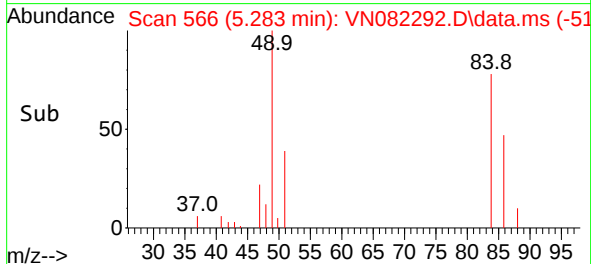
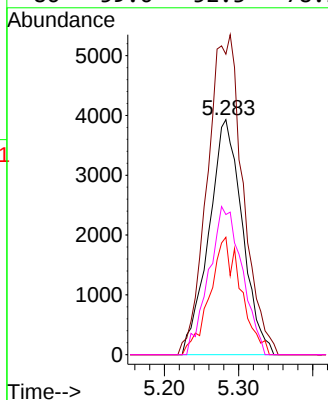


#20
Methylene Chloride
Concen: 4.976 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#05

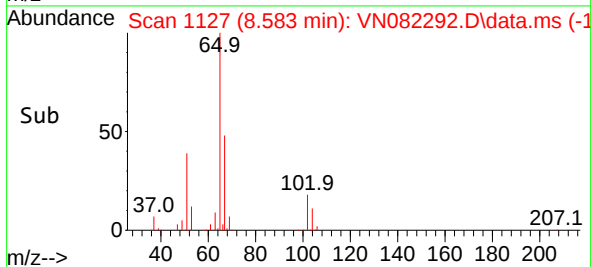
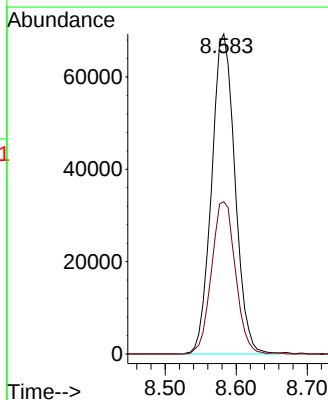
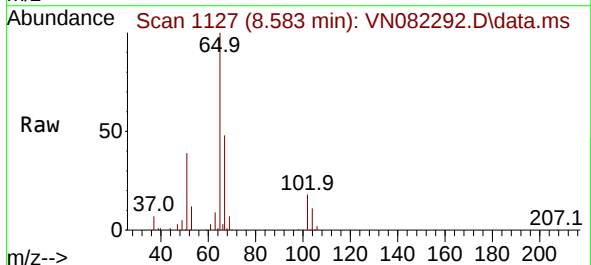


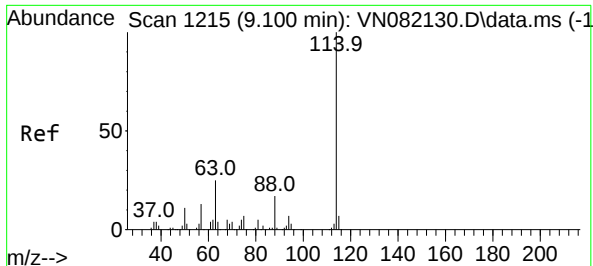
Tgt Ion:	84	Resp:	12325
Ion	Ratio	Lower	Upper
84	100		
49	127.8	84.9	127.3#
51	50.0	27.0	40.6#
86	59.6	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 52.838 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

Tgt Ion:	65	Resp:	158139
Ion	Ratio	Lower	Upper
65	100		
67	48.7	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: VN082292.D

Acq: 22 May 2024 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#05

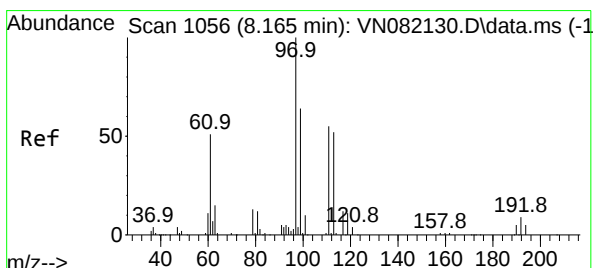
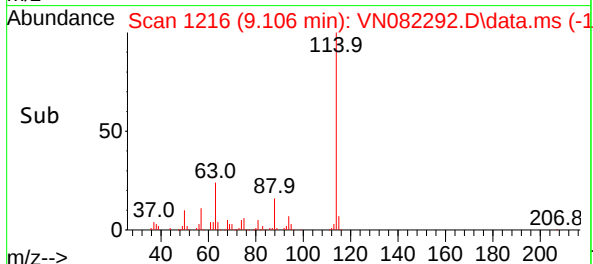
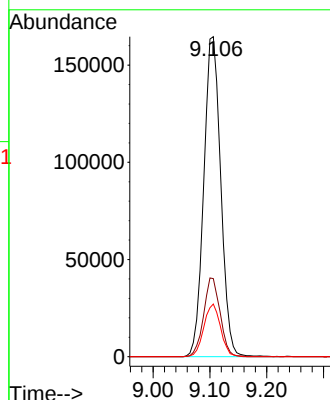
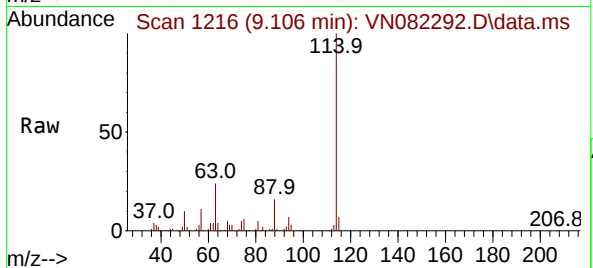
Tgt Ion:114 Resp: 341097

Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.851 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082292.D

Acq: 22 May 2024 15:01

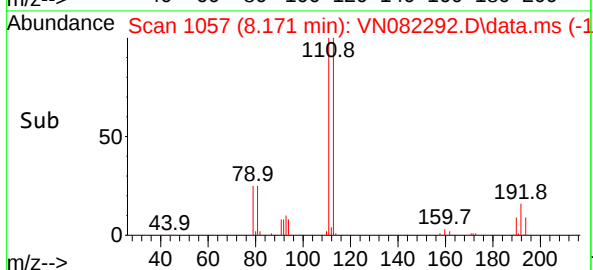
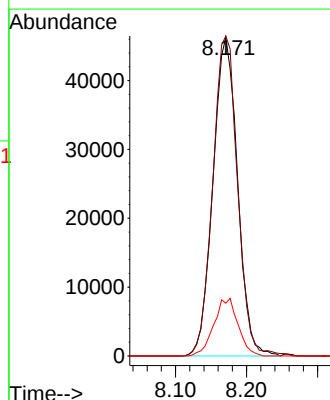
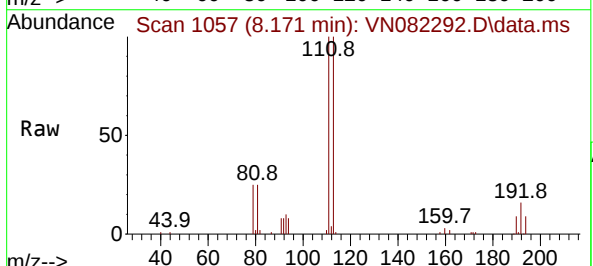
Tgt Ion:113 Resp: 110895

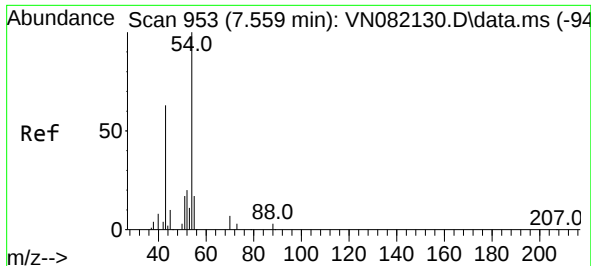
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 17.9 14.0 21.0

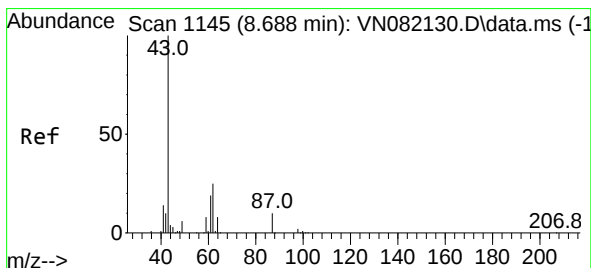
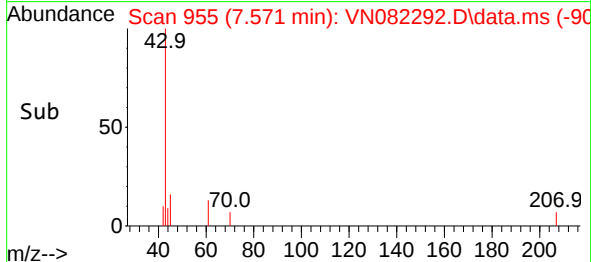
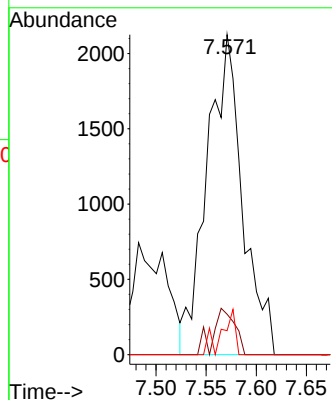
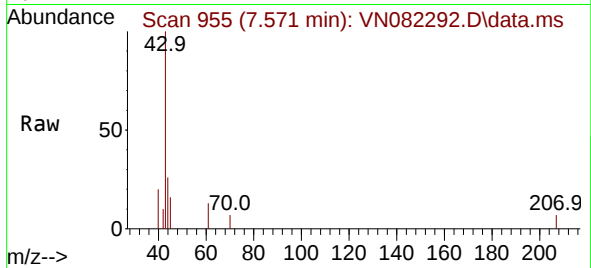




#37
Ethyl Acetate
Concen: 1.328 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

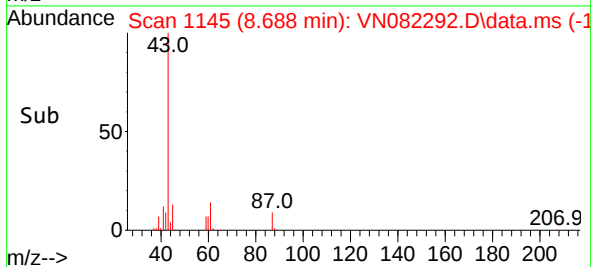
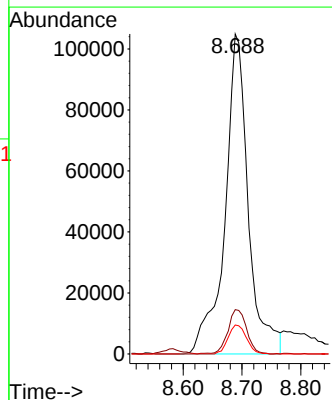
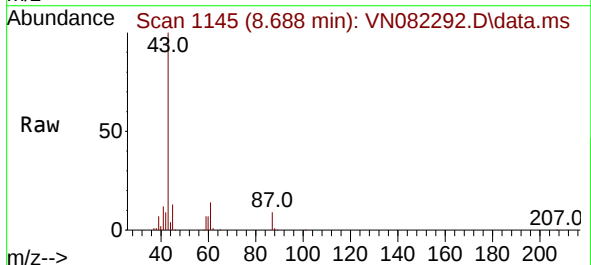
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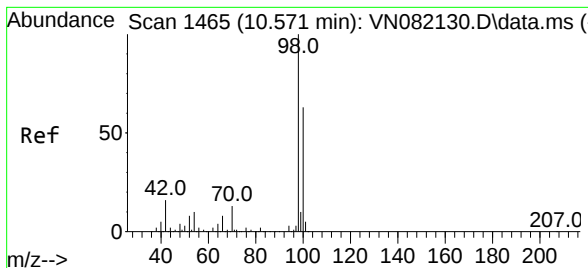
Tgt Ion: 43 Resp: 5231
Ion Ratio Lower Upper
43 100
61 8.9 11.3 16.9#
70 5.4 8.7 13.1#



#43
Isopropyl Acetate
Concen: 41.341 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

Tgt Ion: 43 Resp: 288498
Ion Ratio Lower Upper
43 100
61 11.2 22.8 34.2#
87 7.1 12.0 18.0#

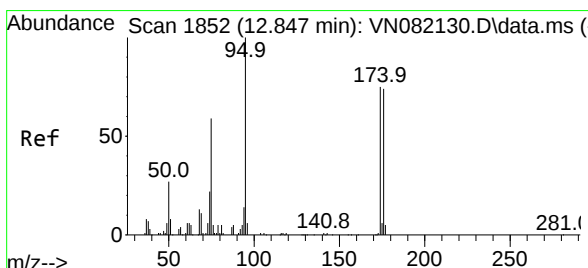
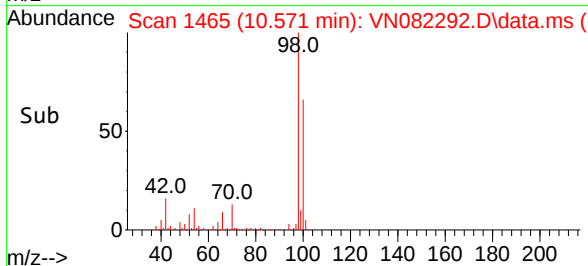
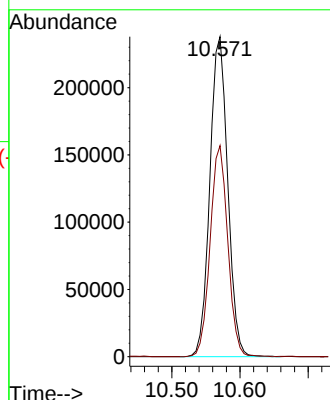
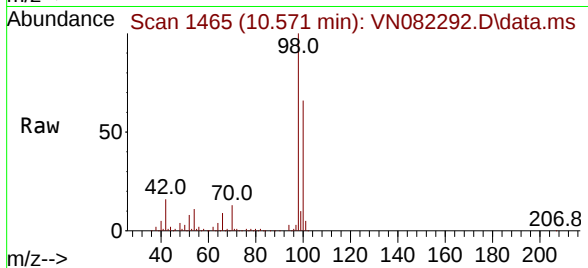




#50
Toluene-d8
Concen: 53.959 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

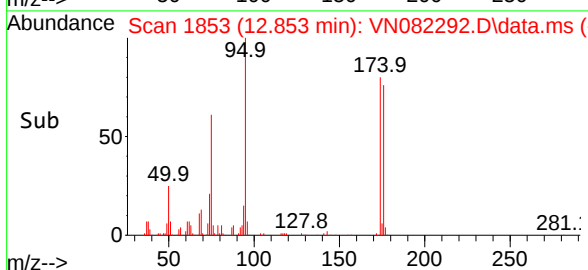
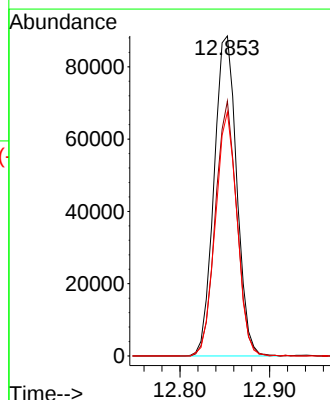
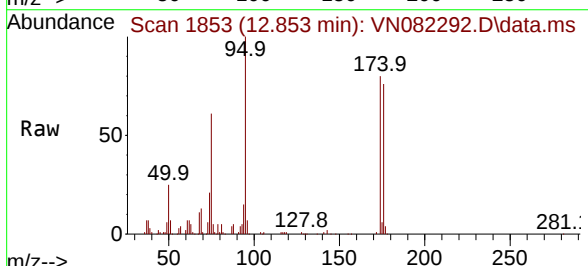
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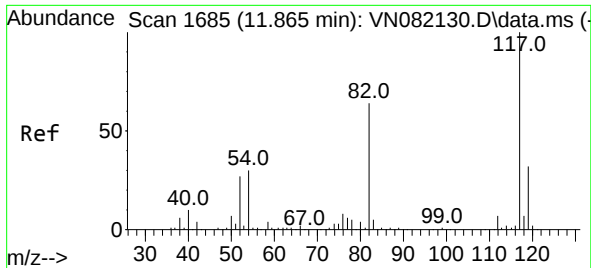
Tgt Ion: 98 Resp: 434076
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.164 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

Tgt Ion: 95 Resp: 155521
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 72.8 0.0 152.8

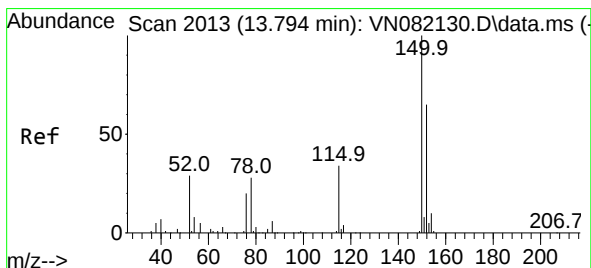
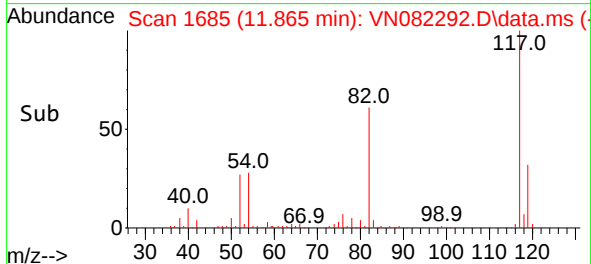
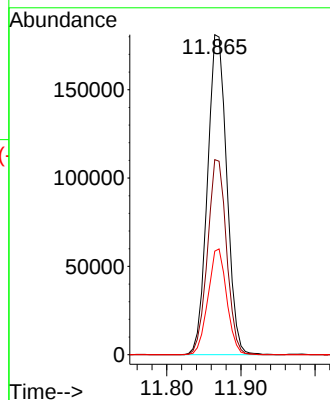
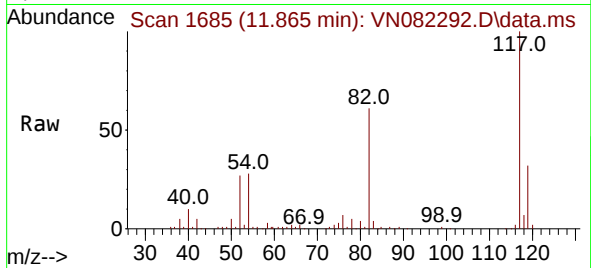




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#05

Tgt Ion:117 Resp: 327365
Ion Ratio Lower Upper
117 100
82 61.0 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# 2013
Delta R.T. 0.000 min
Lab File: VN082292.D
Acq: 22 May 2024 15:01

Tgt Ion:152 Resp: 139927
Ion Ratio Lower Upper
152 100
115 63.3 30.4 91.3
150 159.6 0.0 353.2

