

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082302.D
 Acq On : 22 May 2024 19:04
 Operator : JC\MD
 Sample : PB161037ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#15

Quant Time: May 23 01:56:49 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)

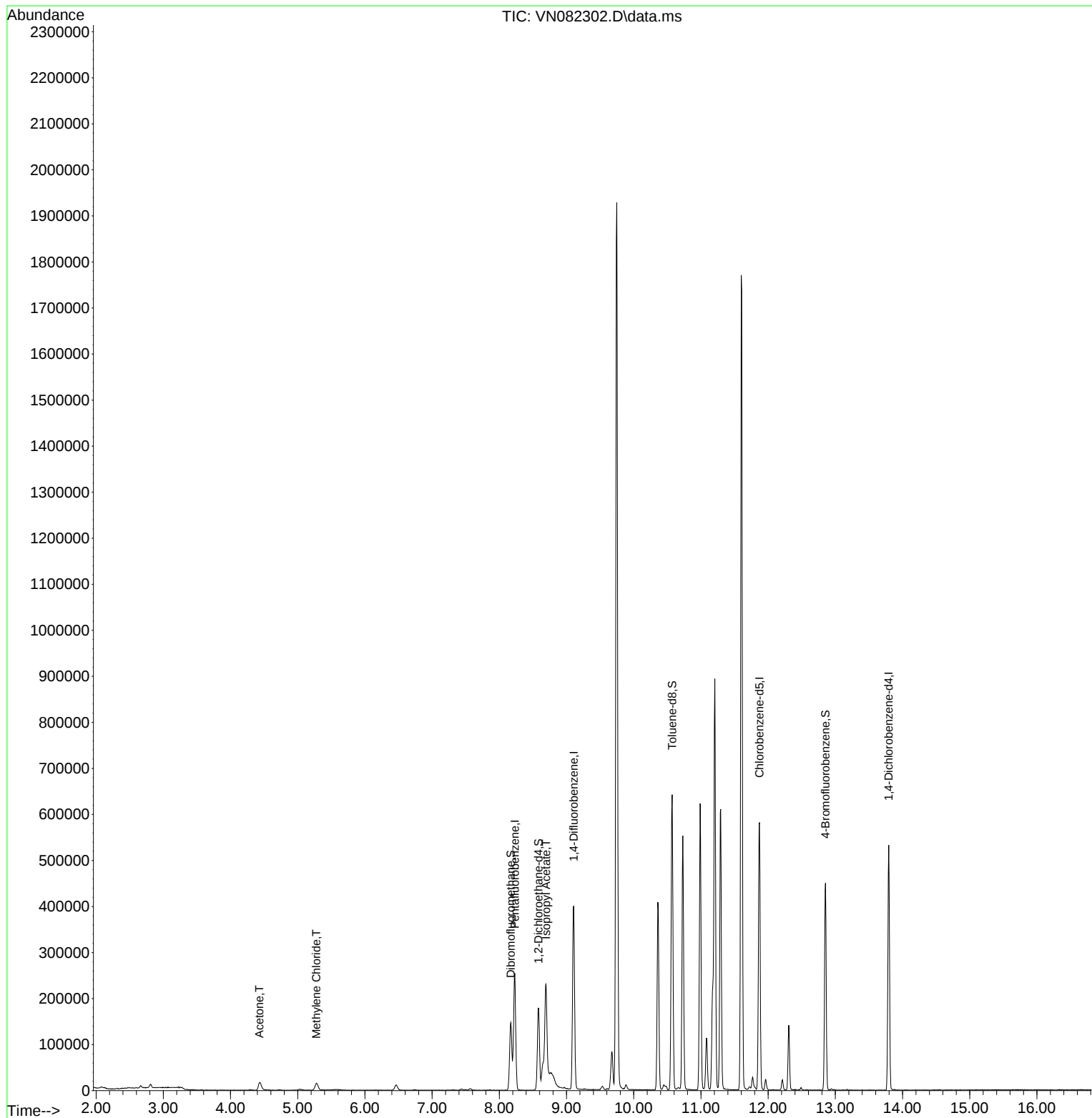
Internal Standards						
1) Pentafluorobenzene	8.230	168	176291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	311791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147523	52.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.000%			
35) Dibromofluoromethane	8.171	113	104137	52.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.920%			
50) Toluene-d8	10.571	98	415845	55.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.320%			
62) 4-Bromofluorobenzene	12.853	95	147324	54.752	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.500%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	37083	32.474	ug/l #	84
20) Methylene Chloride	5.277	84	10545	4.577	ug/l #	74
43) Isopropyl Acetate	8.694	43	339636	51.935	ug/l #	72

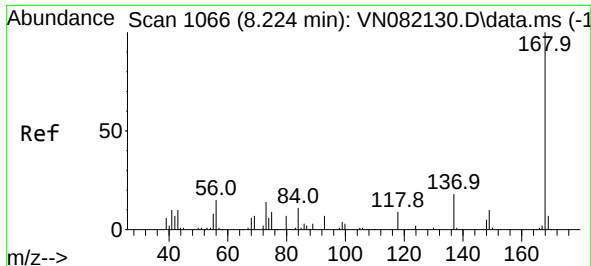
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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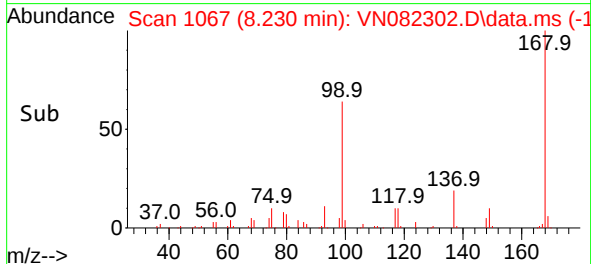
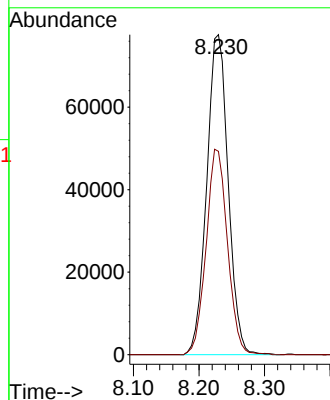
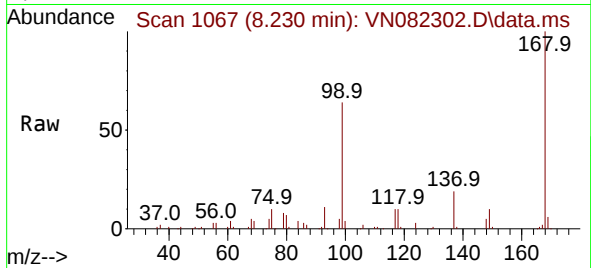




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

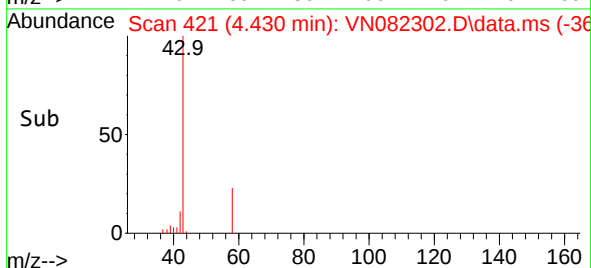
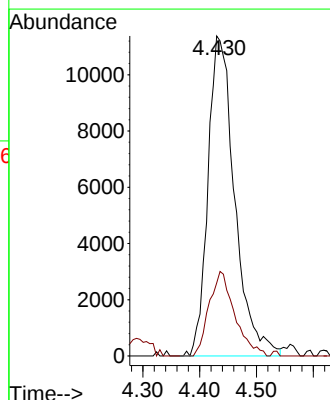
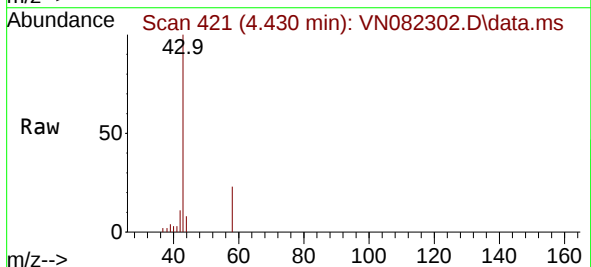
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#15

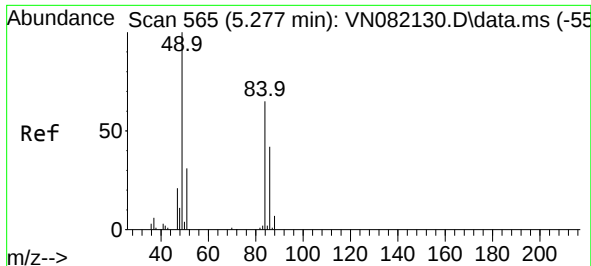
Tgt Ion:168 Resp: 176291
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 32.474 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

Tgt Ion: 43 Resp: 37083
Ion Ratio Lower Upper
43 100
58 22.8 25.2 37.8#

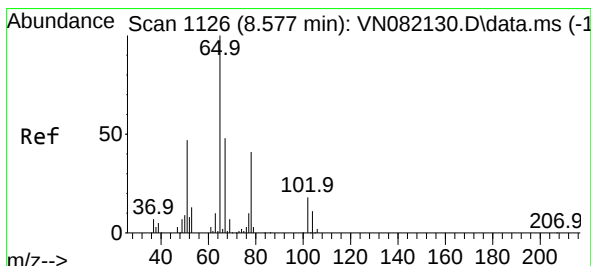
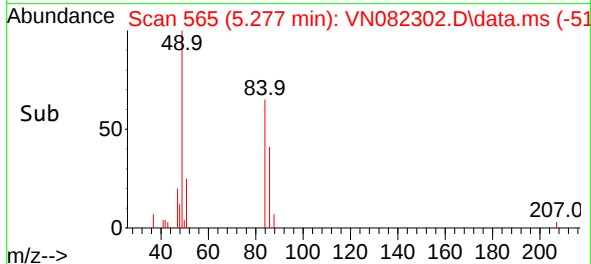
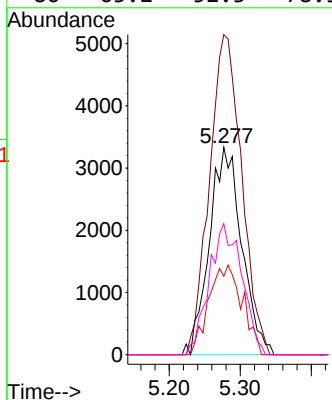
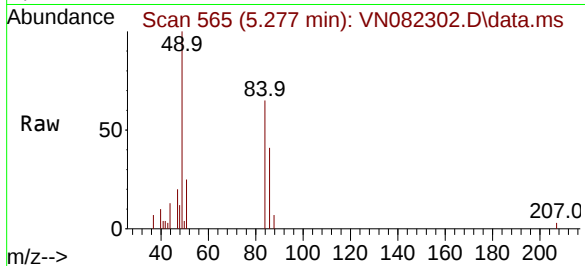




#20
Methylene Chloride
Concen: 4.577 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

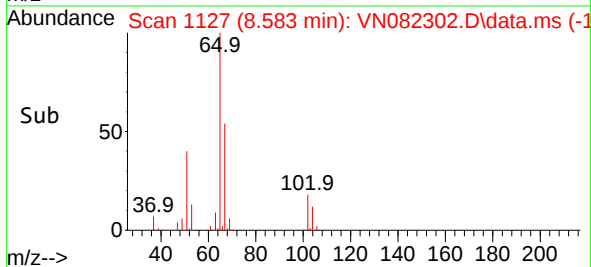
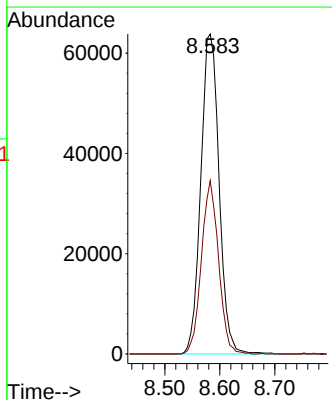
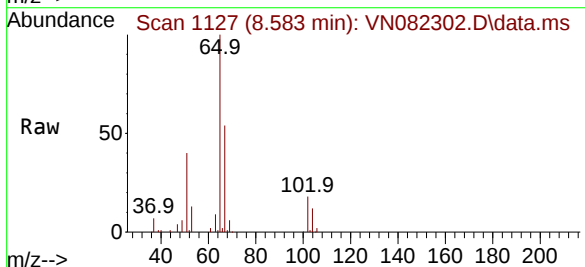
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#15

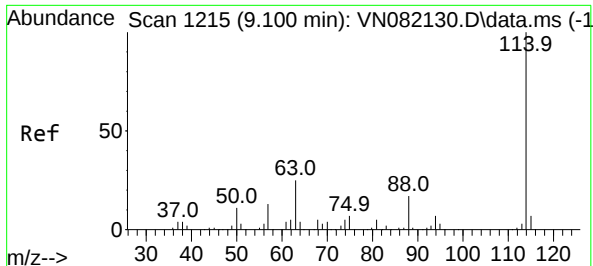
Tgt Ion:	84	Resp:	10545
Ion	Ratio	Lower	Upper
84	100		
49	154.4	84.9	127.3#
51	37.9	27.0	40.6
86	63.2	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 52.996 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

Tgt Ion:	65	Resp:	147523
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: VN082302.D

Acq: 22 May 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#15

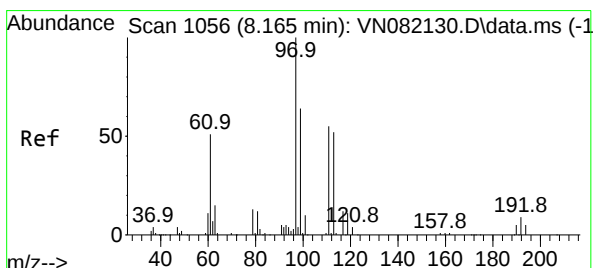
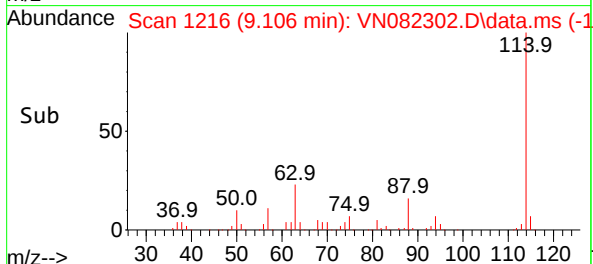
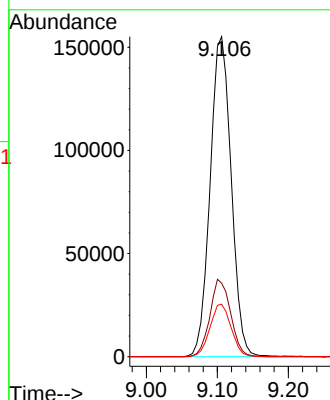
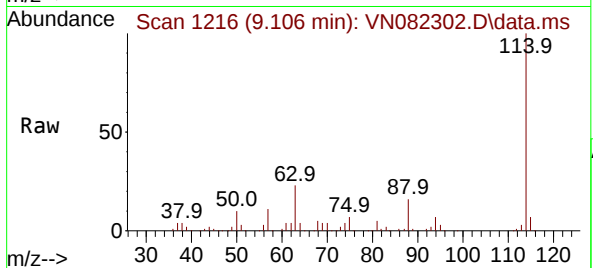
Tgt Ion:114 Resp: 319647

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.960 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082302.D

Acq: 22 May 2024 19:04

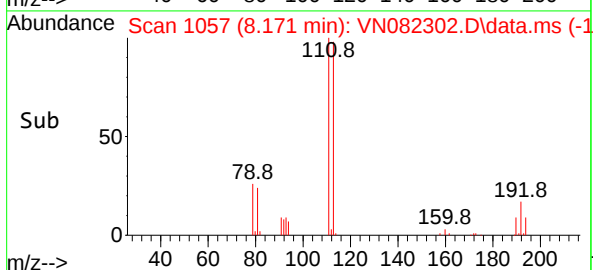
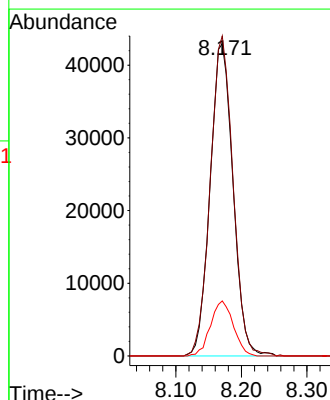
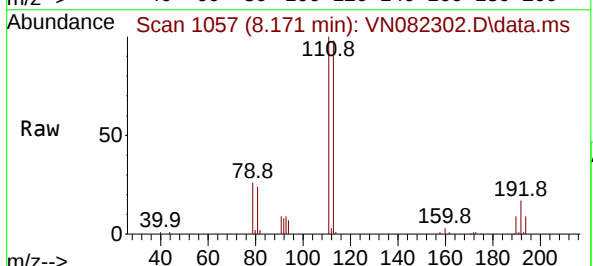
Tgt Ion:113 Resp: 104137

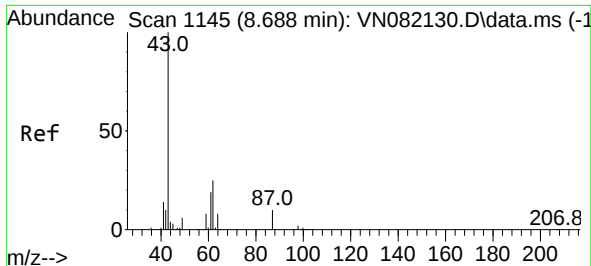
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

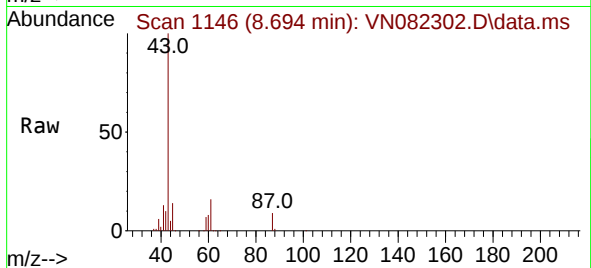
192 17.6 14.0 21.0



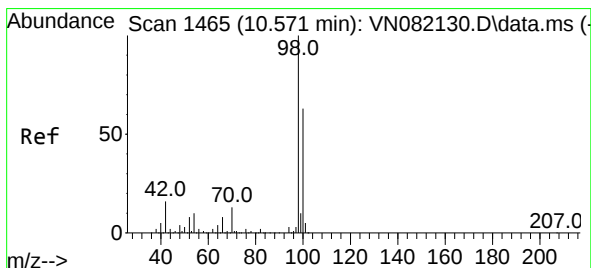
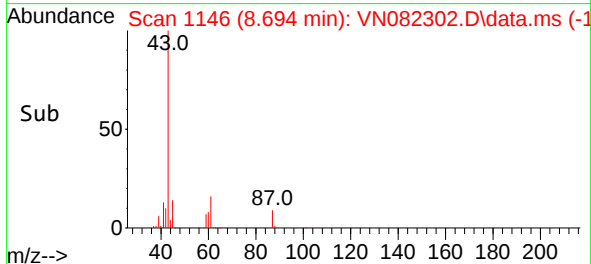
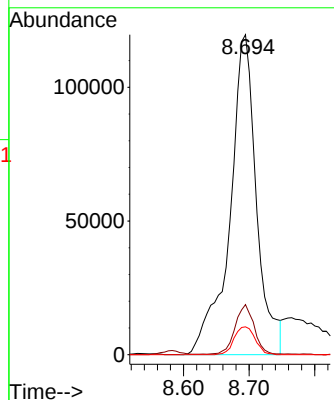


#43
Isopropyl Acetate
Concen: 51.935 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#15

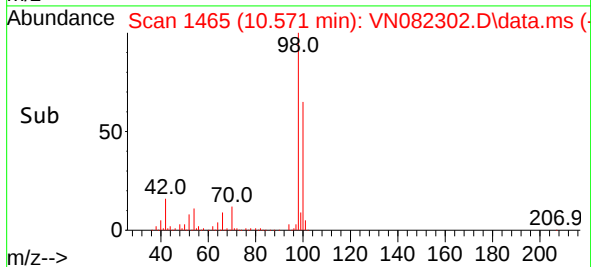
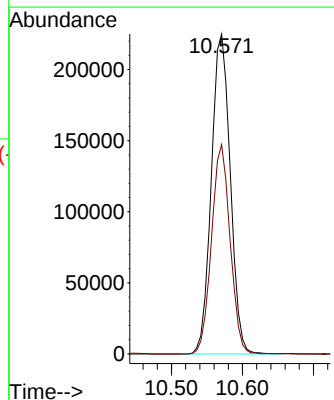
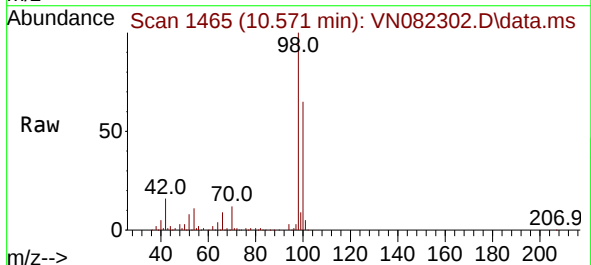


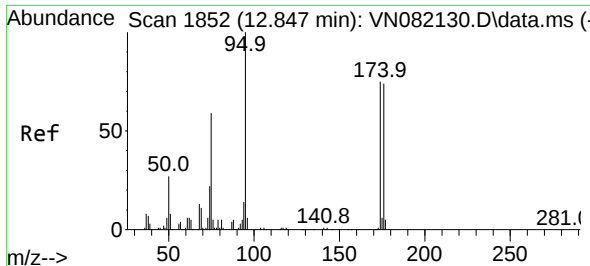
Tgt Ion: 43 Resp: 339636
Ion Ratio Lower Upper
43 100
61 11.1 22.8 34.2#
87 6.8 12.0 18.0#



#50
Toluene-d8
Concen: 55.161 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

Tgt Ion: 98 Resp: 415845
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

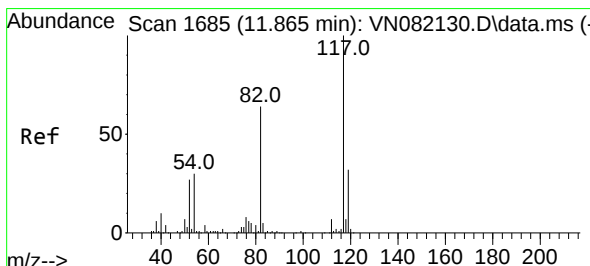
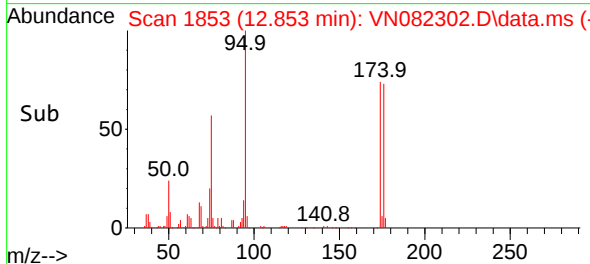
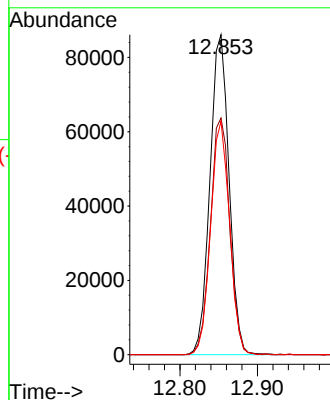
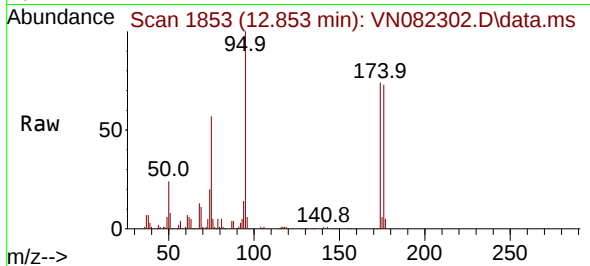




#62
4-Bromofluorobenzene
Concen: 54.752 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

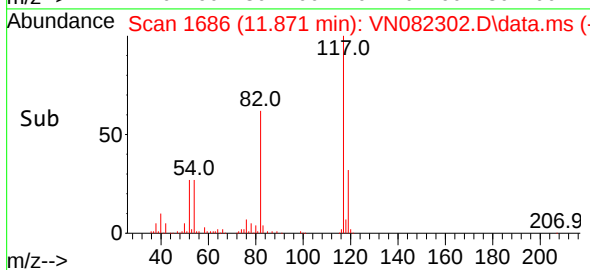
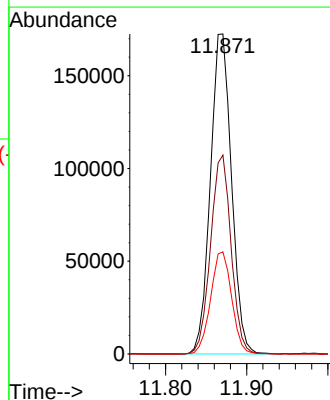
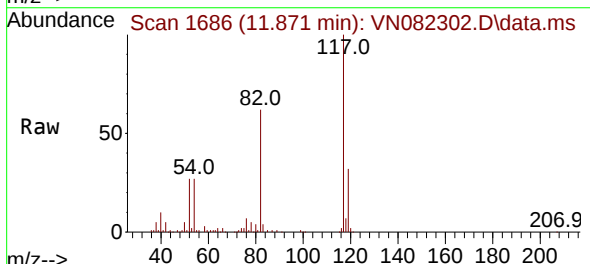
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#15

Tgt Ion: 95 Resp: 147324
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 72.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082302.D
Acq: 22 May 2024 19:04

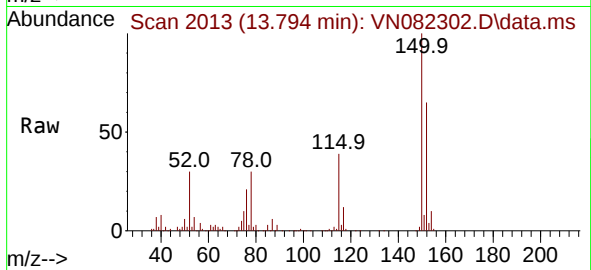
Tgt Ion: 117 Resp: 311791
Ion Ratio Lower Upper
117 100
82 62.1 44.6 66.8
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082302.D
 Acq: 22 May 2024 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#15



Tgt Ion:152 Resp: 132240
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.4 91.3
 150 156.3 0.0 353.2

