

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082291.D
 Acq On : 22 May 2024 14:17
 Operator : JC\MD
 Sample : PB161037ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#04

Quant Time: May 23 01:52:56 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)

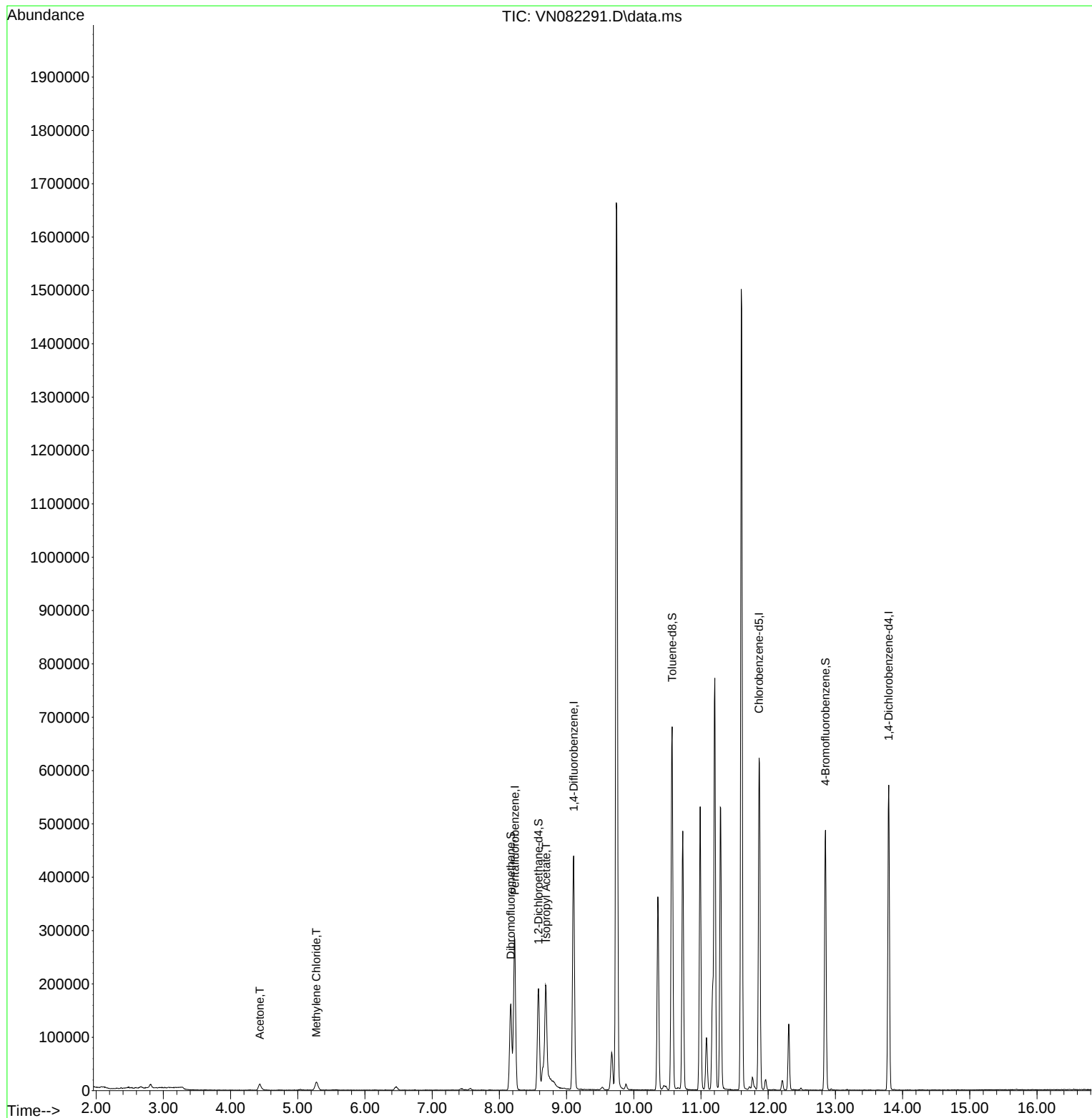
Internal Standards						
1) Pentafluorobenzene	8.230	168	194892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159876	51.952	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.900%		
35) Dibromofluoromethane	8.171	113	109710	51.624	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.240%		
50) Toluene-d8	10.571	98	440049	54.009	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.020%		
62) 4-Bromofluorobenzene	12.853	95	156878	53.945	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 107.880%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	22663	17.952	ug/l	99
20) Methylene Chloride	5.277	84	11264	4.422	ug/l #	82
43) Isopropyl Acetate	8.694	43	291991	41.312	ug/l #	72

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

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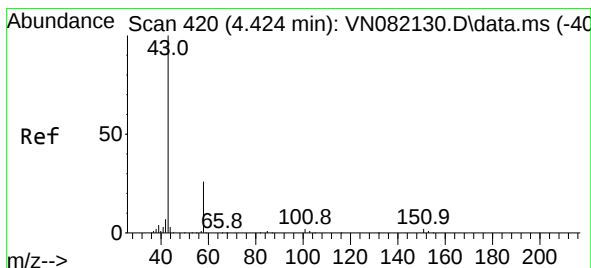
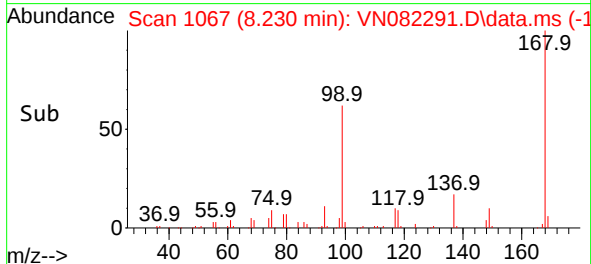
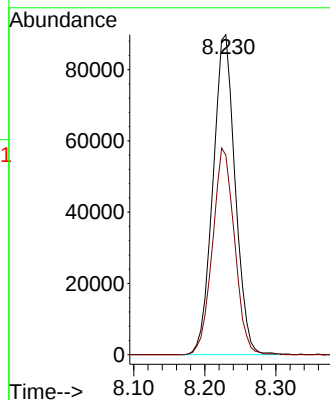
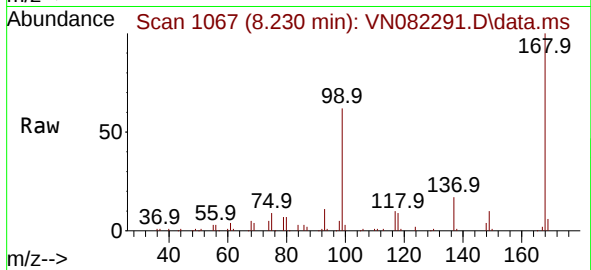




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17

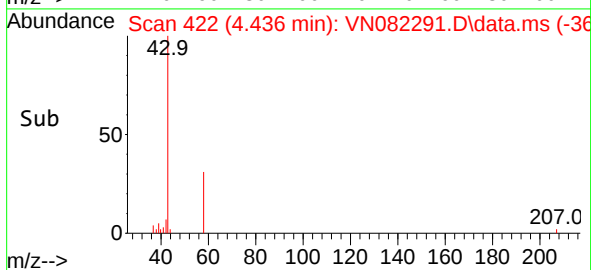
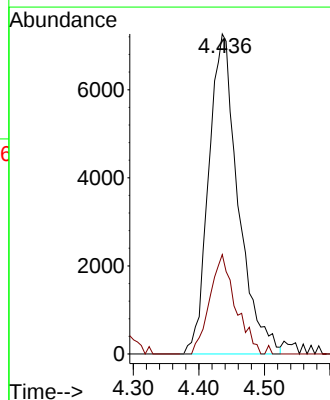
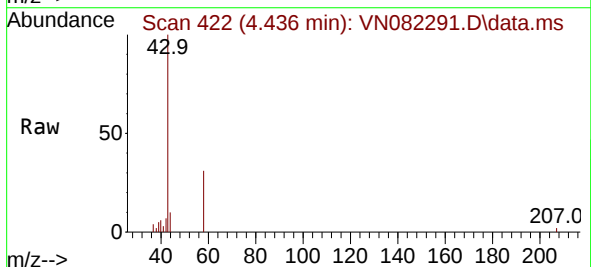
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#04

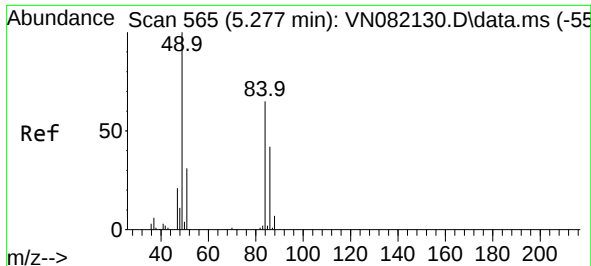
Tgt Ion:168 Resp: 194892
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#16
Acetone
Concen: 17.952 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17

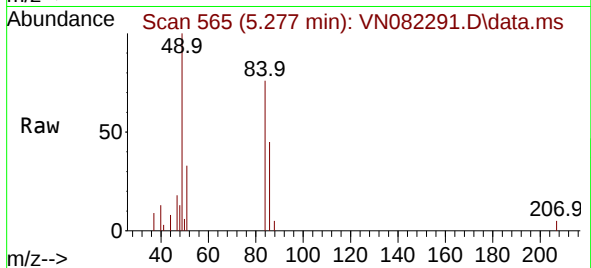
Tgt Ion: 43 Resp: 22663
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8



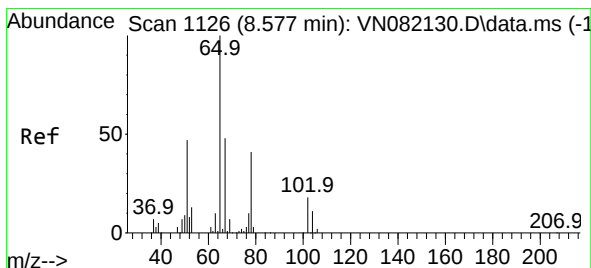
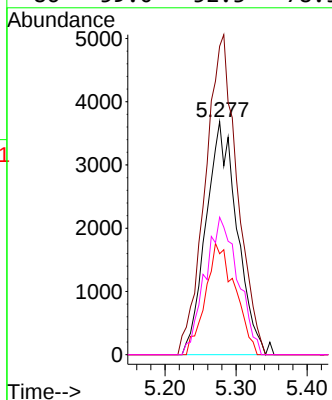
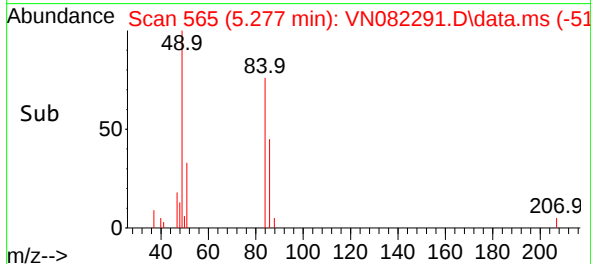


#20
Methylene Chloride
Concen: 4.422 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17

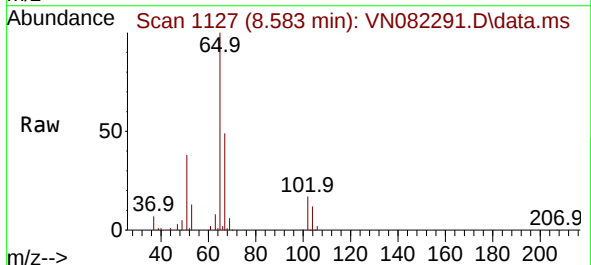
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#04



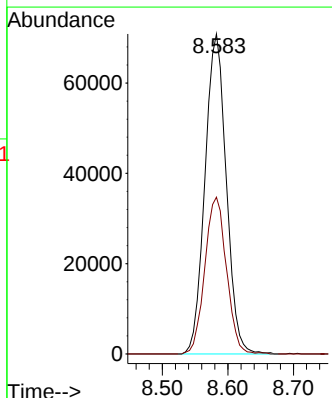
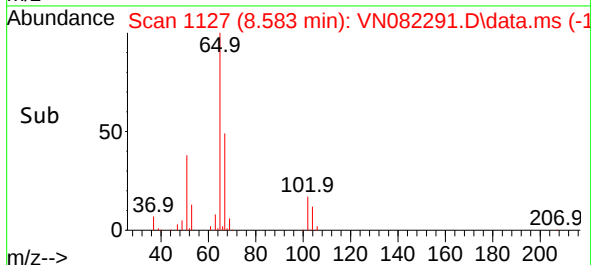
Tgt Ion:	84	Resp:	11264
Ion	Ratio	Lower	Upper
84	100		
49	132.4	84.9	127.3#
51	43.3	27.0	40.6#
86	59.0	52.3	78.5

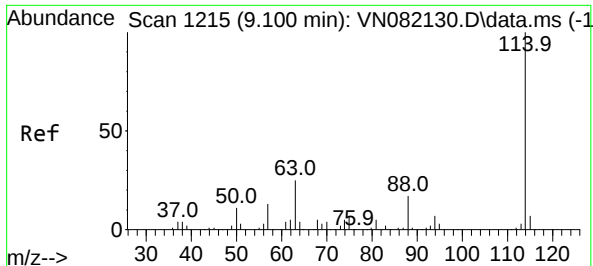


#33
1,2-Dichloroethane-d4
Concen: 51.952 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17



Tgt Ion:	65	Resp:	159876
Ion	Ratio	Lower	Upper
65	100		
67	49.8	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: VN082291.D

Acq: 22 May 2024 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#04

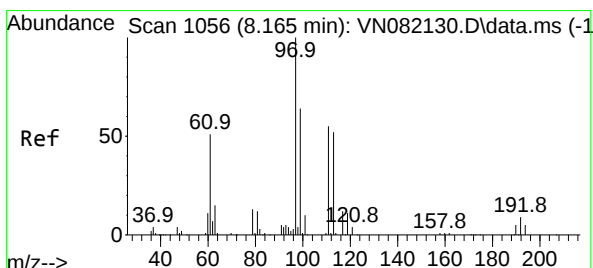
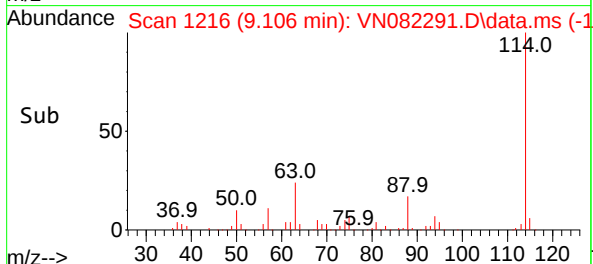
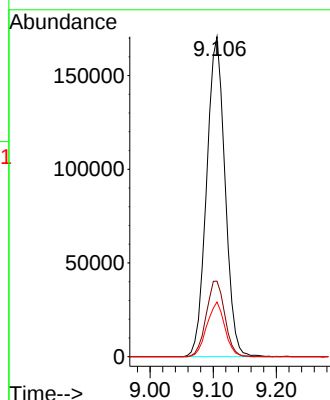
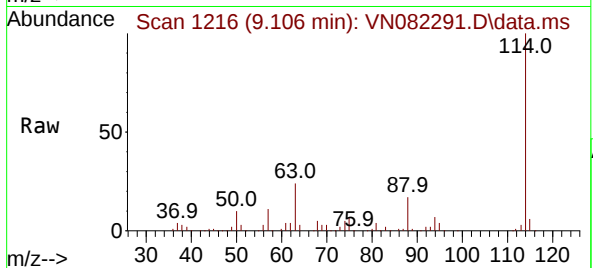
Tgt Ion:114 Resp: 345471

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.624 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082291.D

Acq: 22 May 2024 14:17

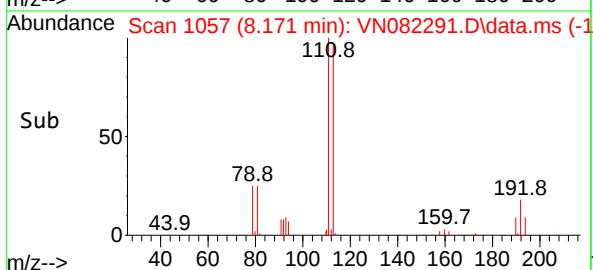
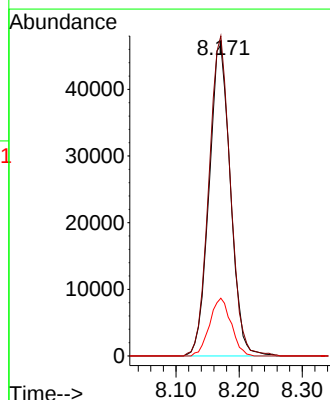
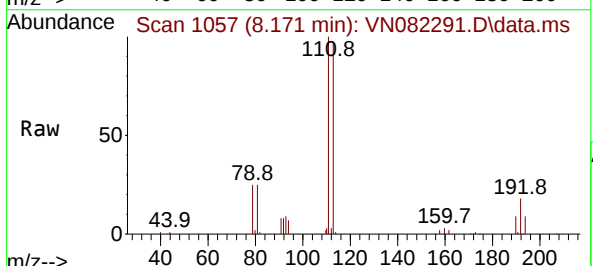
Tgt Ion:113 Resp: 109710

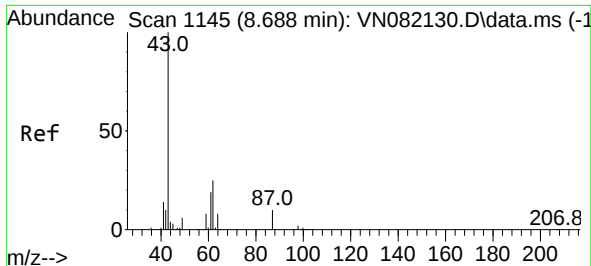
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

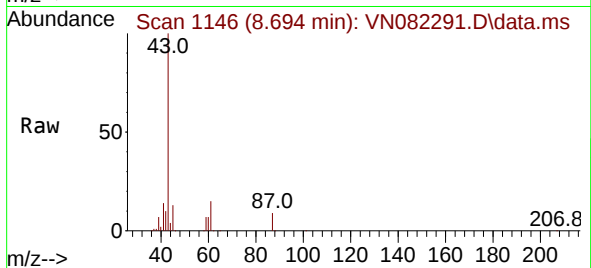
192 18.6 14.0 21.0



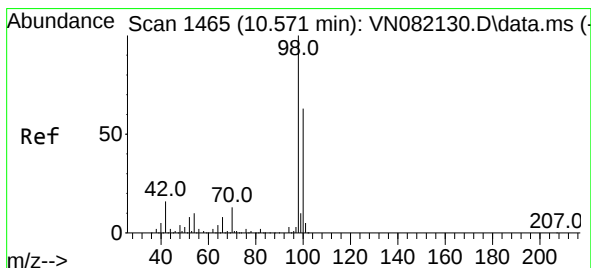
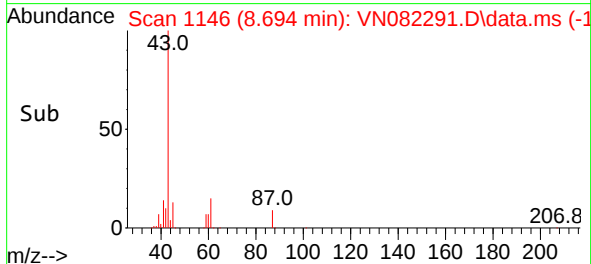
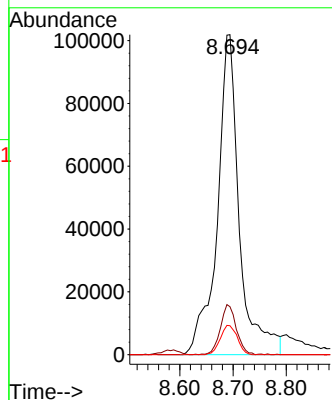


#43
Isopropyl Acetate
Concen: 41.312 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#04

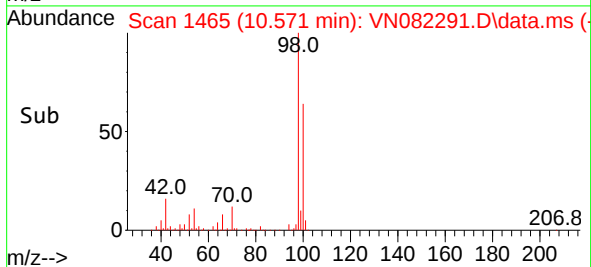
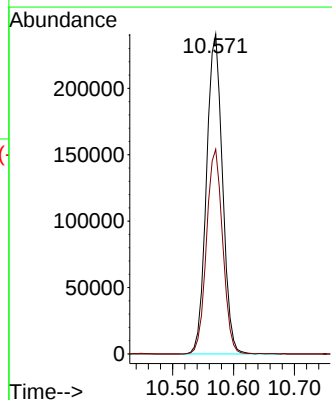
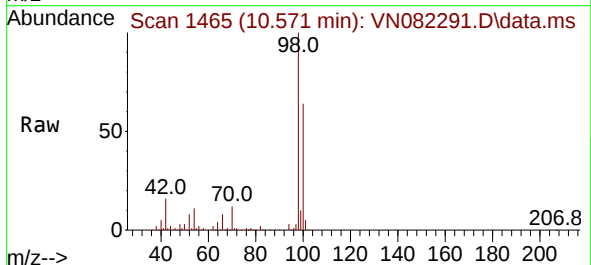


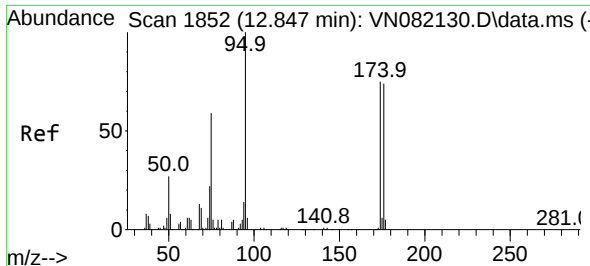
Tgt Ion: 43 Resp: 291991
Ion Ratio Lower Upper
43 100
61 11.4 22.8 34.2#
87 7.1 12.0 18.0#



#50
Toluene-d8
Concen: 54.009 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17

Tgt Ion: 98 Resp: 440049
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

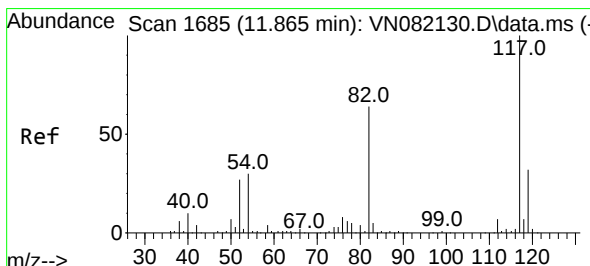
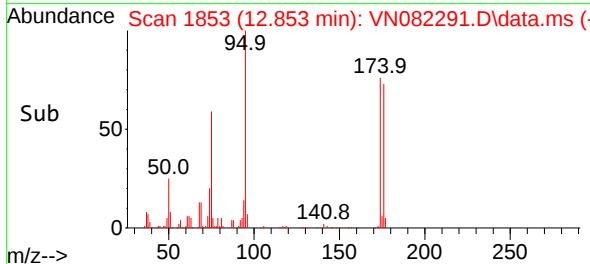
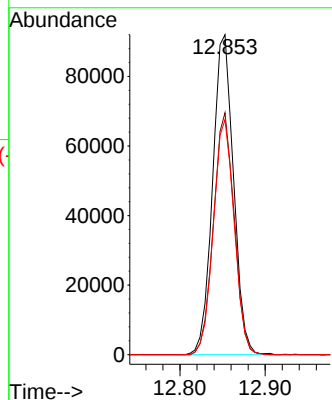
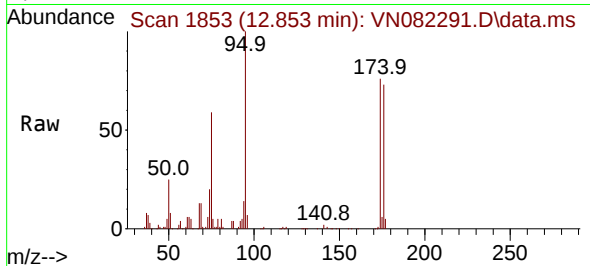




#62
4-Bromofluorobenzene
Concen: 53.945 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082291.D
Acq: 22 May 2024 14:17

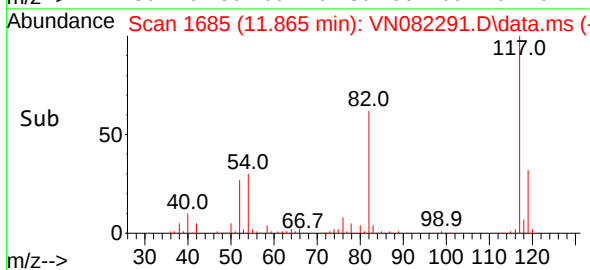
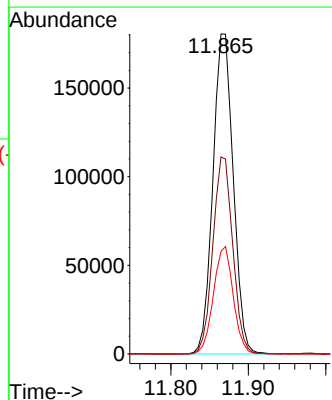
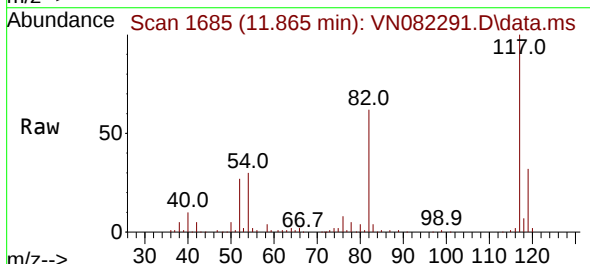
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#04

Tgt Ion: 95 Resp: 156878
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 73.3 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: VN082291.D
Acq: 22 May 2024 14:17

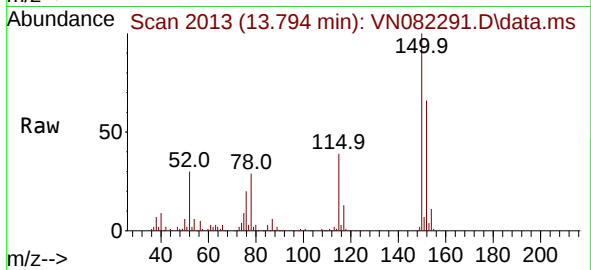
Tgt Ion: 117 Resp: 329651
Ion Ratio Lower Upper
117 100
82 61.5 44.6 66.8
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082291.D
 Acq: 22 May 2024 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#04



Tgt Ion:152 Resp: 143938
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.4 91.3
 150 154.3 0.0 353.2

