

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082303.D
 Acq On : 22 May 2024 19:29
 Operator : JC\MD
 Sample : PB161037ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#16

Quant Time: May 23 01:57:15 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)

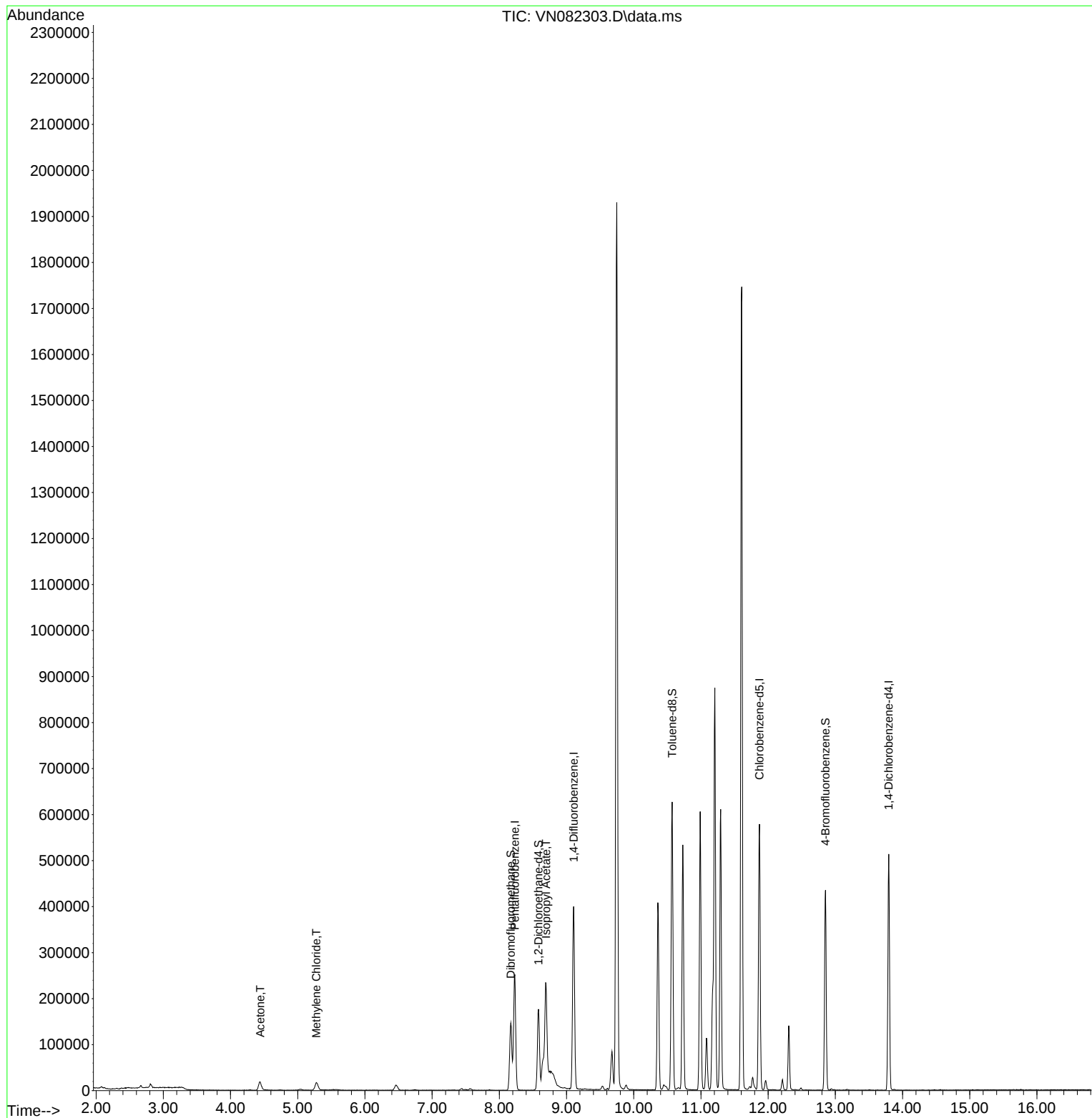
Internal Standards						
1) Pentafluorobenzene	8.230	168	172673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	302390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145435	53.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	8.171	113	101511	52.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	10.571	98	404607	55.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.200%	
62) 4-Bromofluorobenzene	12.853	95	140015	53.419	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 106.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	37438	33.472	ug/l #	86
20) Methylene Chloride	5.277	84	12022	5.327	ug/l #	79
43) Isopropyl Acetate	8.694	43	425731	66.831	ug/l #	68

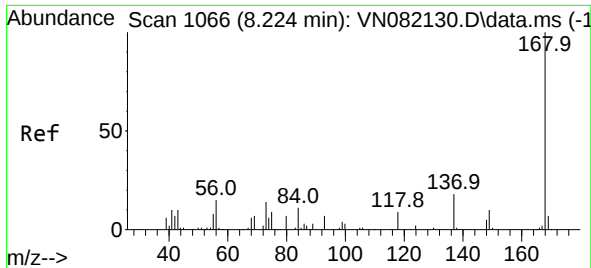
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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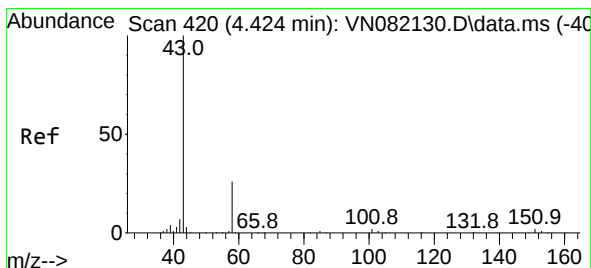
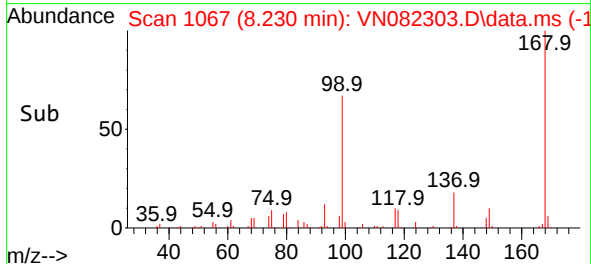
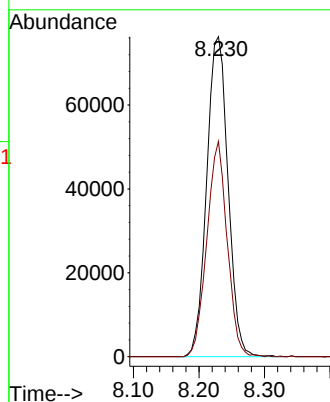
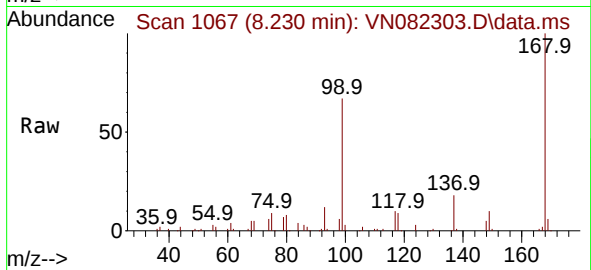




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

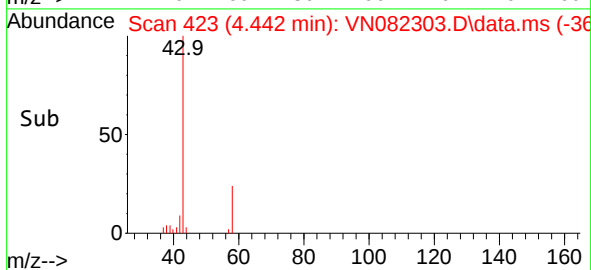
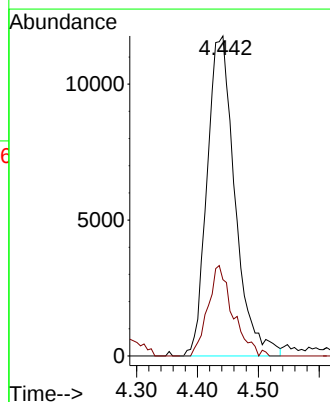
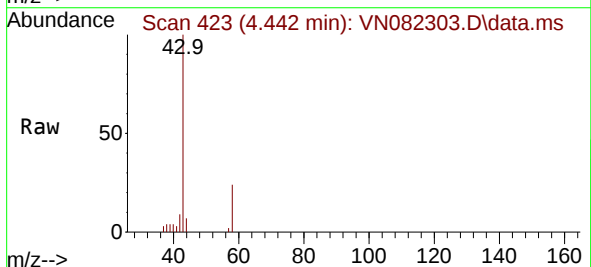
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#16

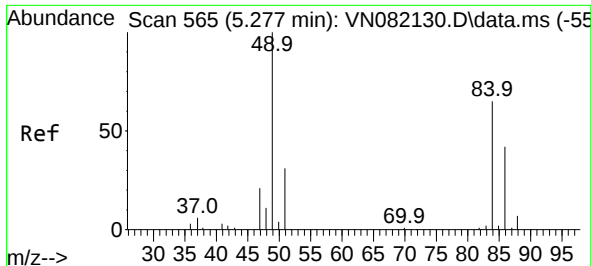
Tgt Ion:168 Resp: 172673
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#16
Acetone
Concen: 33.472 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

Tgt Ion: 43 Resp: 37438
Ion Ratio Lower Upper
43 100
58 23.9 25.2 37.8#

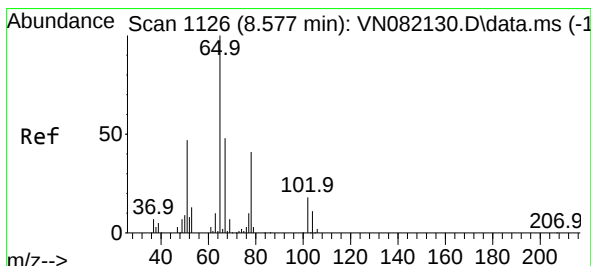
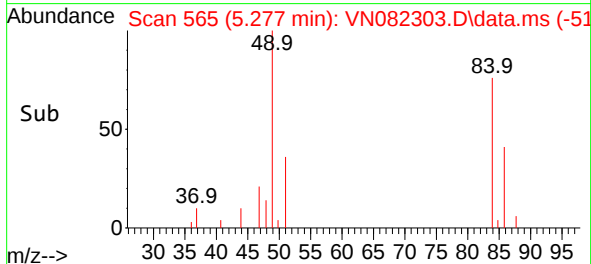
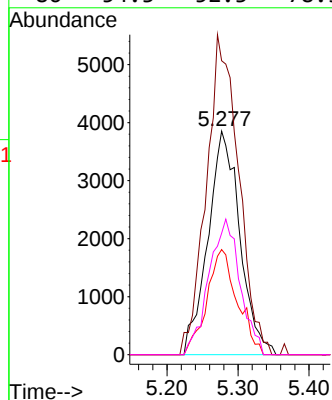
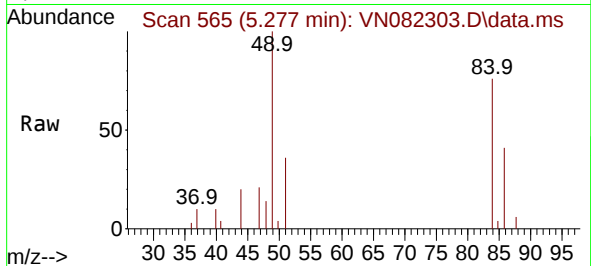




#20
Methylene Chloride
Concen: 5.327 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

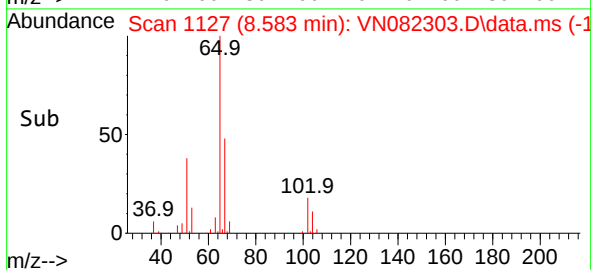
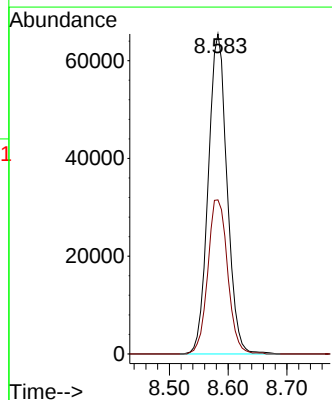
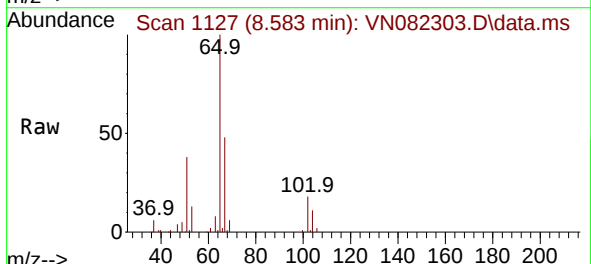
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#16

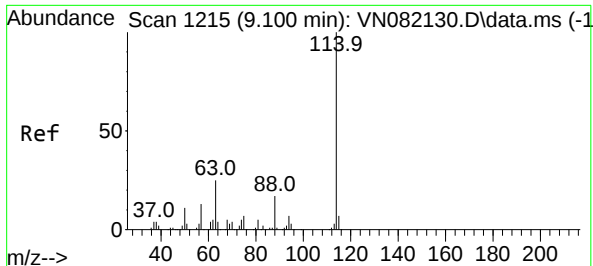
Tgt Ion:	84	Resp:	12022
Ion	Ratio	Lower	Upper
84	100		
49	131.5	84.9	127.3#
51	47.0	27.0	40.6#
86	54.3	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.340 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

Tgt Ion:	65	Resp:	145435
Ion	Ratio	Lower	Upper
65	100		
67	50.8	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: VN082303.D

Acq: 22 May 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB161037ZHE#16

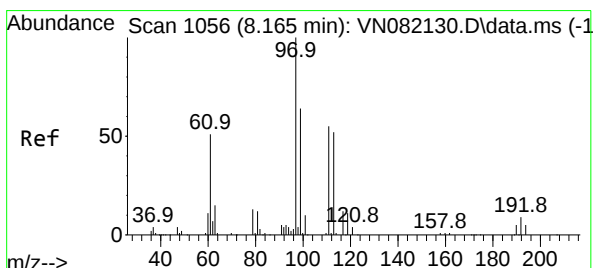
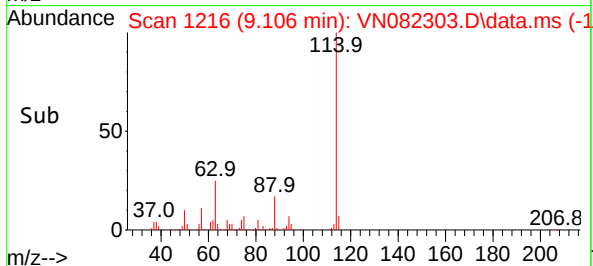
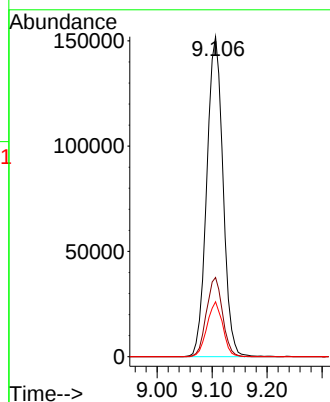
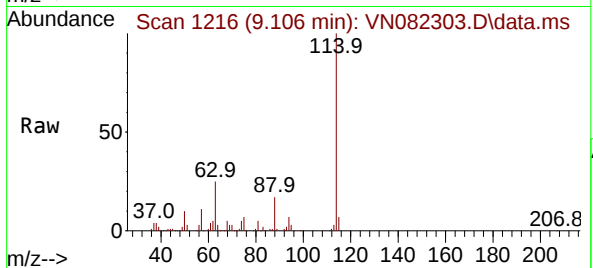
Tgt Ion:114 Resp: 311367

Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.998 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082303.D

Acq: 22 May 2024 19:29

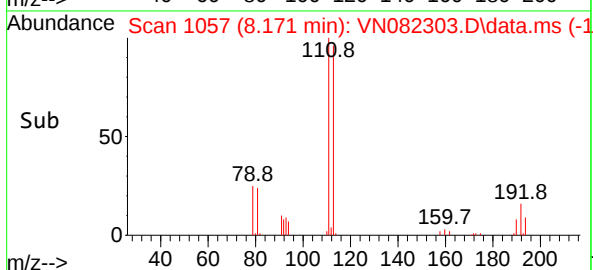
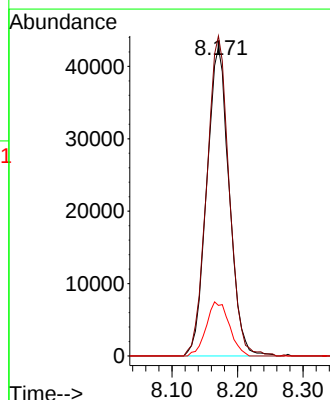
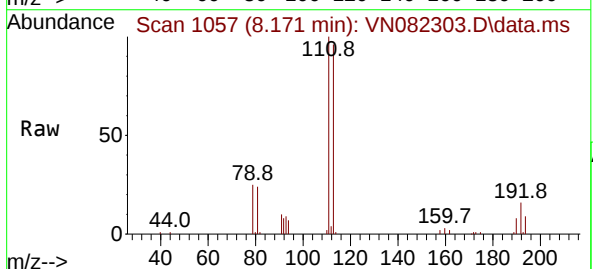
Tgt Ion:113 Resp: 101511

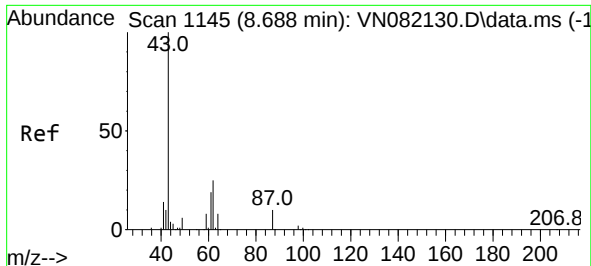
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 18.0 14.0 21.0

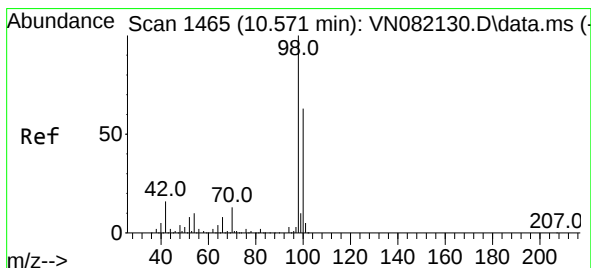
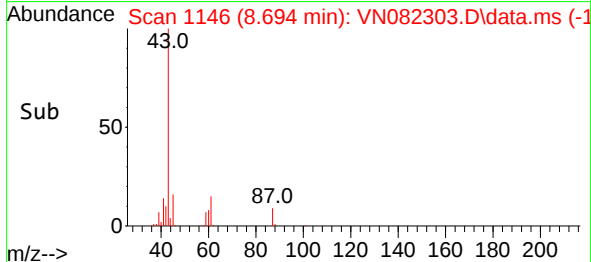
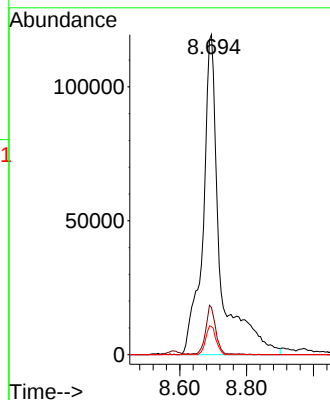
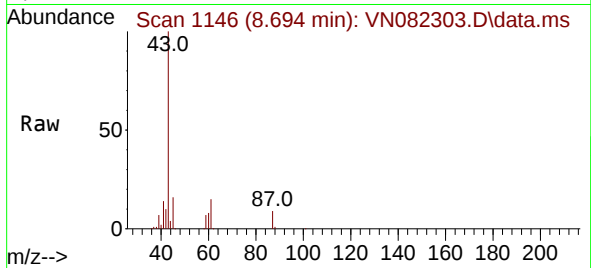




#43
Isopropyl Acetate
Concen: 66.831 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

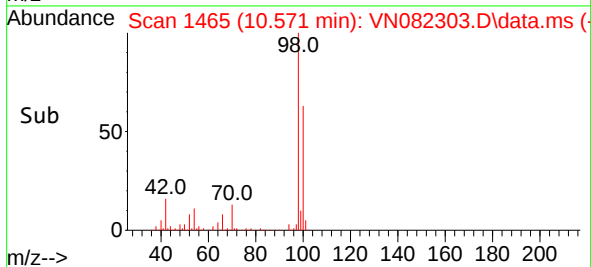
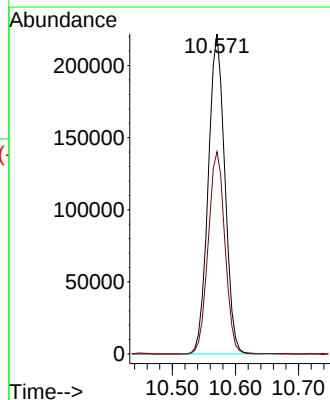
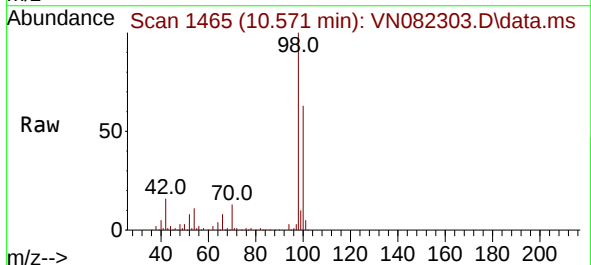
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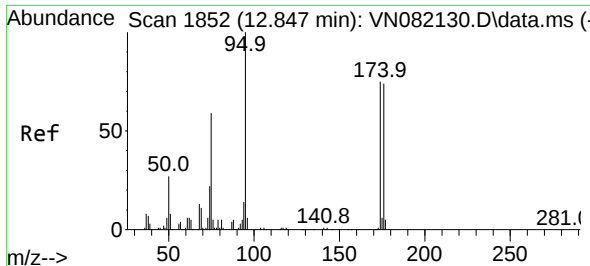
Tgt Ion: 43 Resp: 425731
Ion Ratio Lower Upper
43 100
61 8.7 22.8 34.2#
87 5.4 12.0 18.0#



#50
Toluene-d8
Concen: 55.098 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

Tgt Ion: 98 Resp: 404607
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

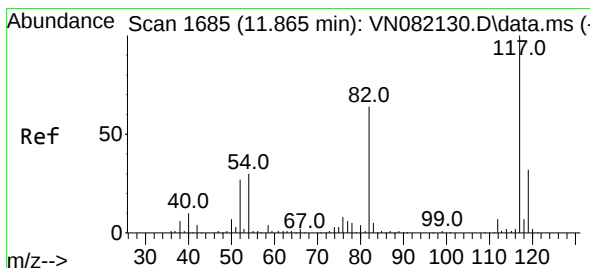
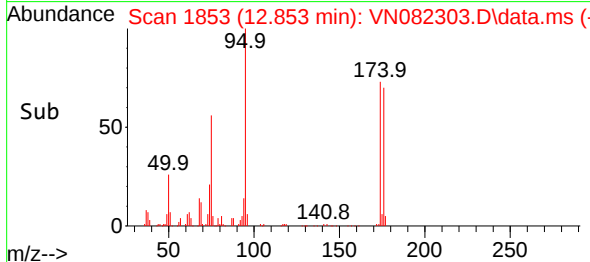
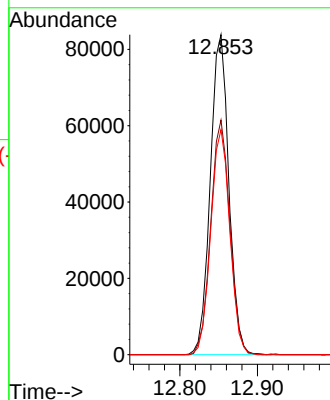
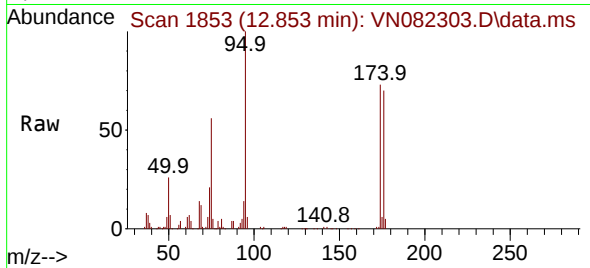




#62
4-Bromofluorobenzene
Concen: 53.419 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

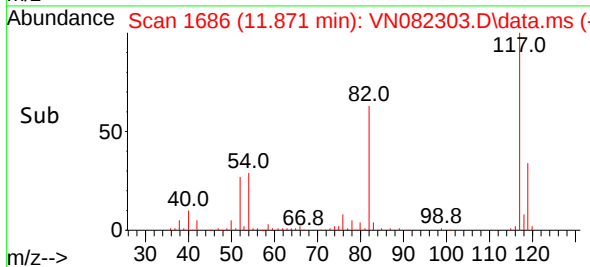
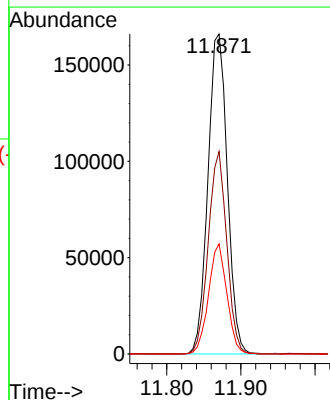
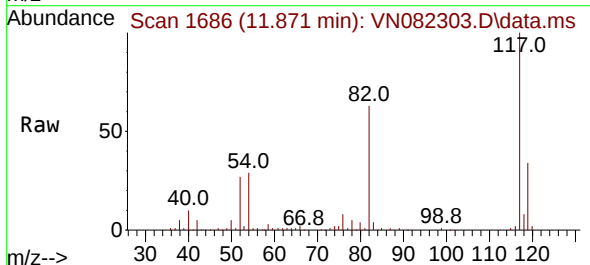
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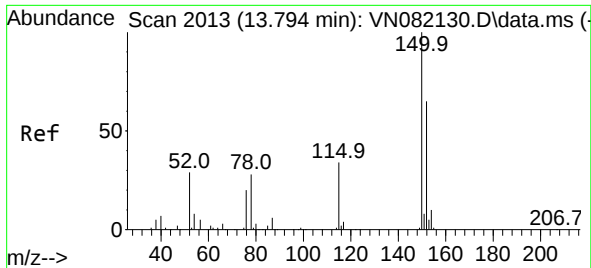
Tgt Ion: 95 Resp: 140015
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 71.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082303.D
Acq: 22 May 2024 19:29

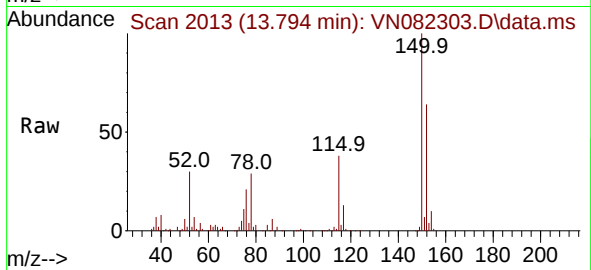
Tgt Ion: 117 Resp: 302390
Ion Ratio Lower Upper
117 100
82 63.2 44.6 66.8
119 34.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082303.D
 Acq: 22 May 2024 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#16



Tgt Ion:152 Resp: 126593
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.4 91.3
 150 156.5 0.0 353.2

