

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082354.D
 Acq On : 28 May 2024 18:07
 Operator : JC\MD
 Sample : P2621-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240522011-02

Quant Time: May 29 06:56:28 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)

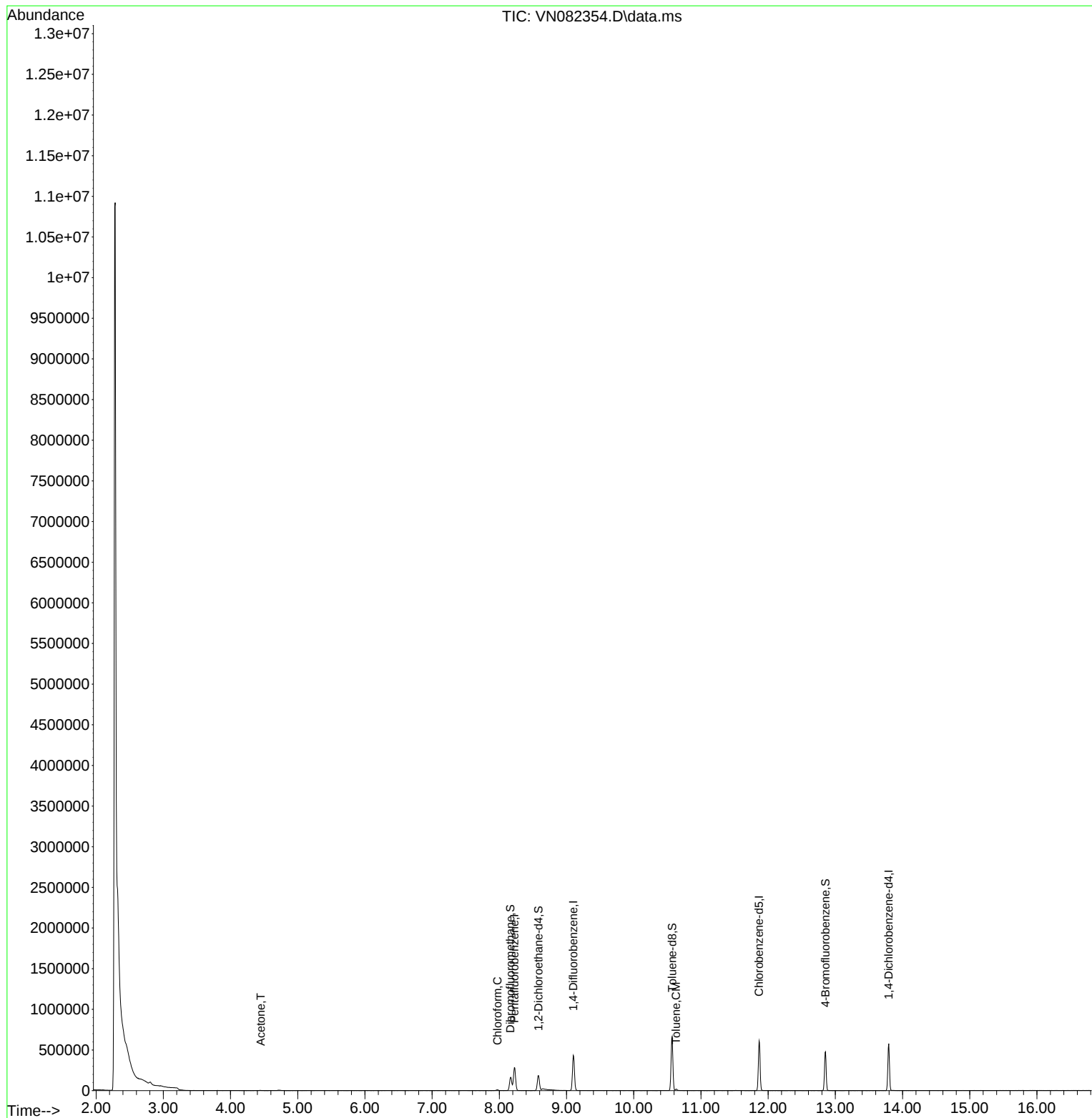
Internal Standards						
1) Pentafluorobenzene	8.224	168	199312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156158	49.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.240%
35) Dibromofluoromethane	8.165	113	114017	52.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	10.571	98	436155	52.509	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.853	95	155314	52.388	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.780%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	4806	3.723	ug/l #	88
30) Chloroform	7.971	83	8201	1.712	ug/l	96
52) Toluene	10.630	92	7219	1.110	ug/l	99

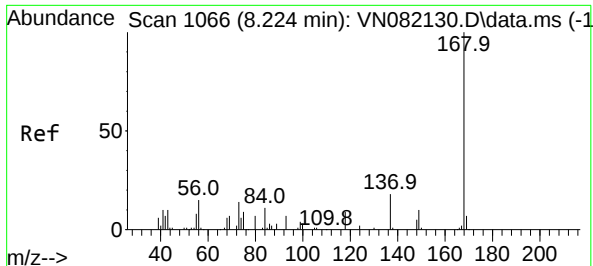
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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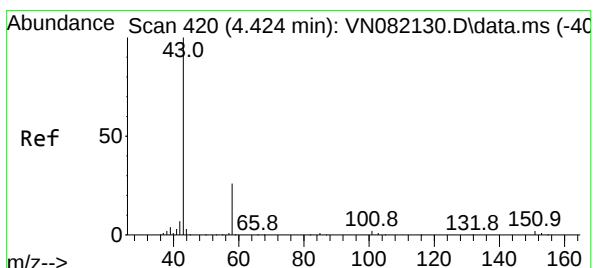
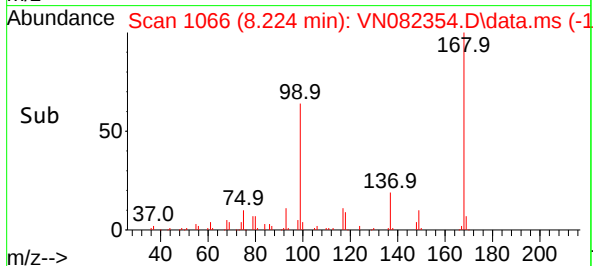
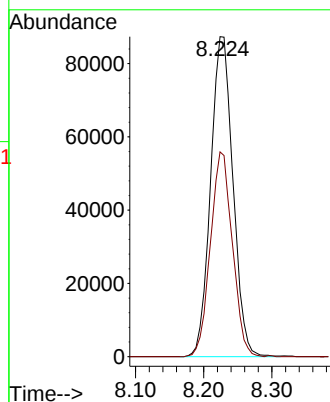
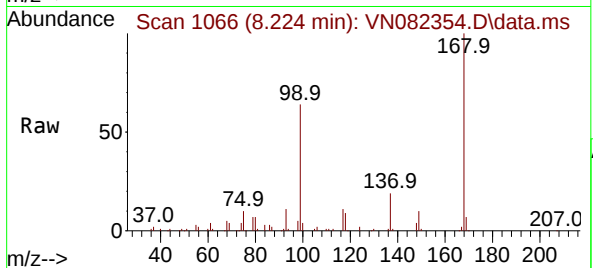




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

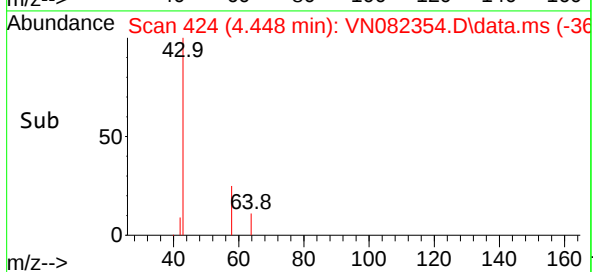
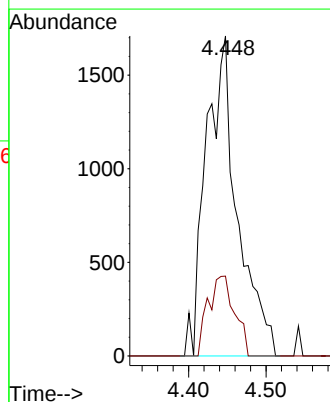
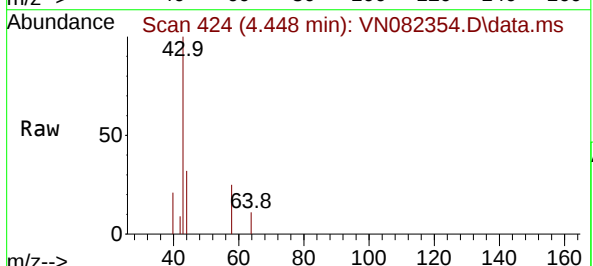
Instrument :
MSVOA_N
ClientSampleId :
240522011-02

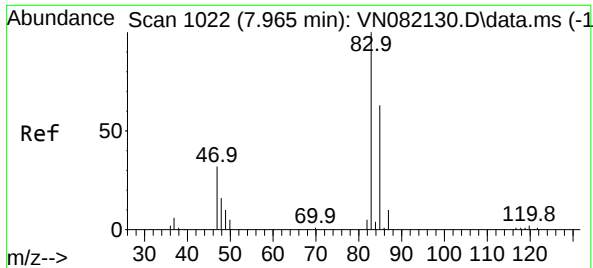
Tgt Ion:168 Resp: 199312
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#16
Acetone
Concen: 3.723 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

Tgt Ion: 43 Resp: 4806
Ion Ratio Lower Upper
43 100
58 25.0 25.2 37.8#

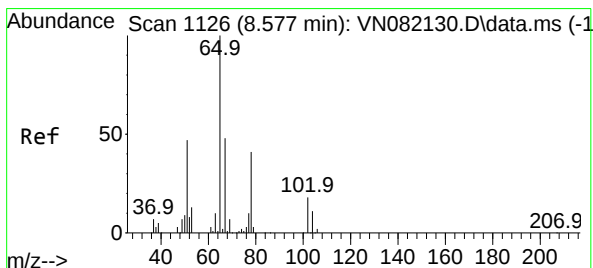
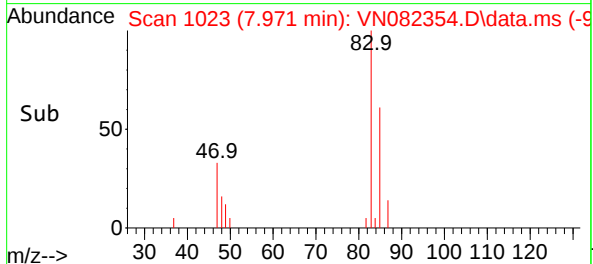
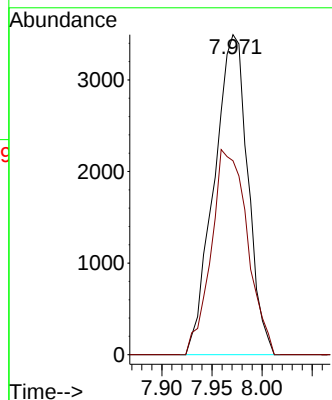
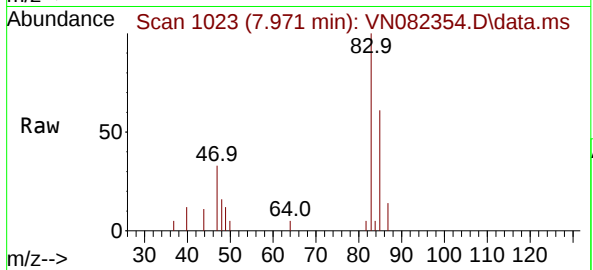




#30
Chloroform
Concen: 1.712 ug/l
RT: 7.971 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

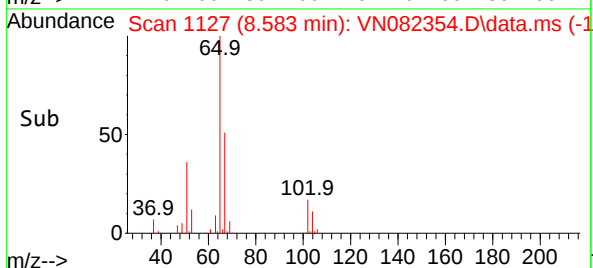
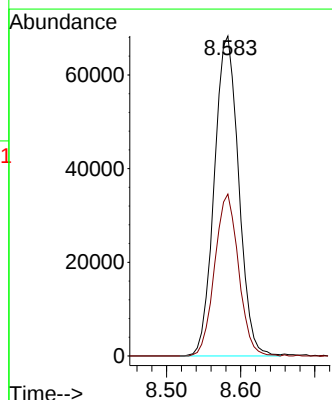
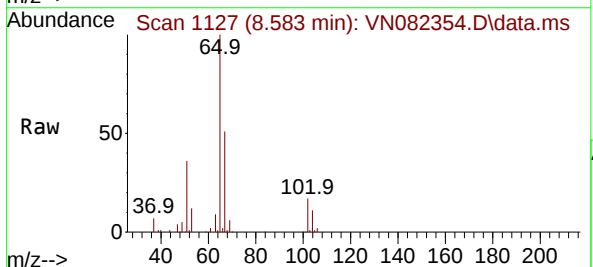
Instrument :
MSVOA_N
ClientSampleId :
240522011-02

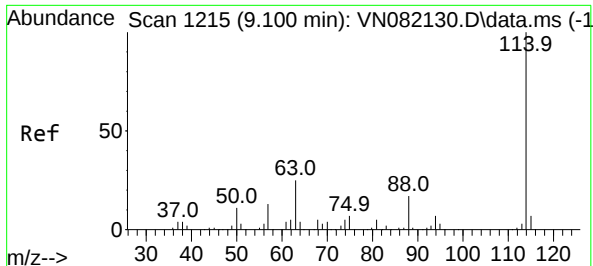
Tgt Ion: 83 Resp: 8201
Ion Ratio Lower Upper
83 100
85 60.6 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 49.618 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

Tgt Ion: 65 Resp: 156158
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082354.D

Acq: 28 May 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

240522011-02

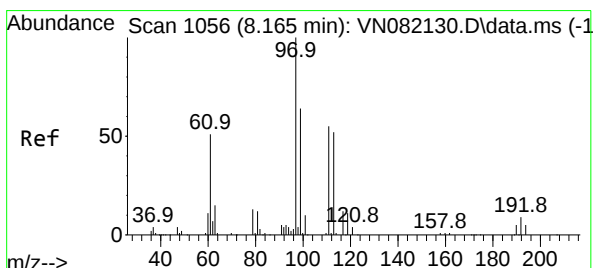
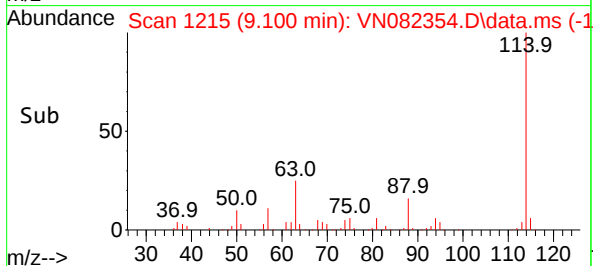
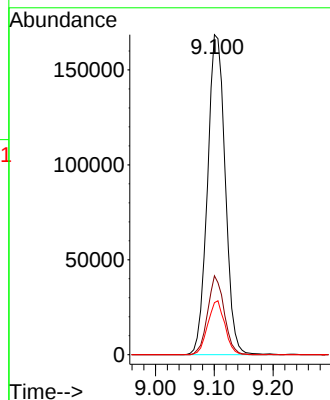
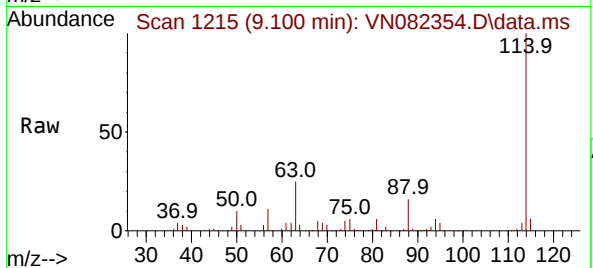
Tgt Ion:114 Resp: 352191

Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.627 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082354.D

Acq: 28 May 2024 18:07

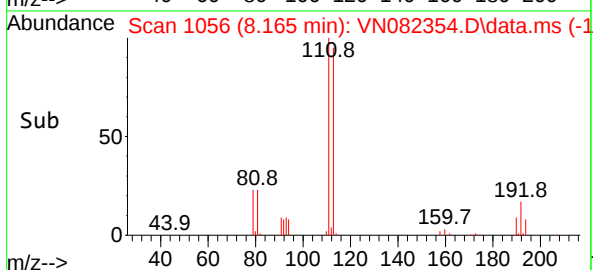
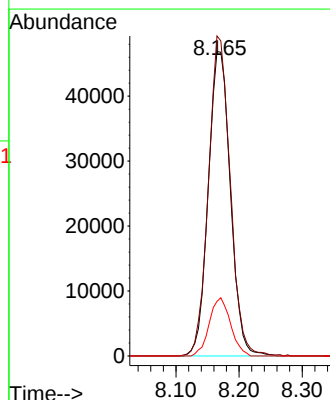
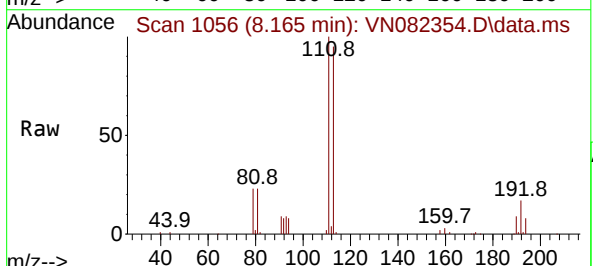
Tgt Ion:113 Resp: 114017

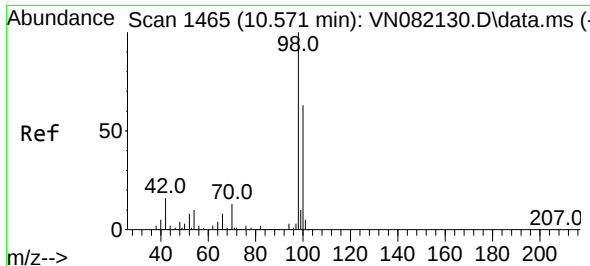
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 18.3 14.0 21.0

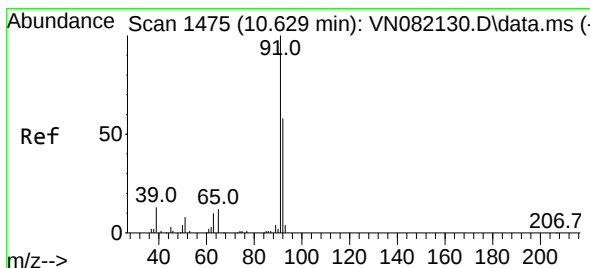
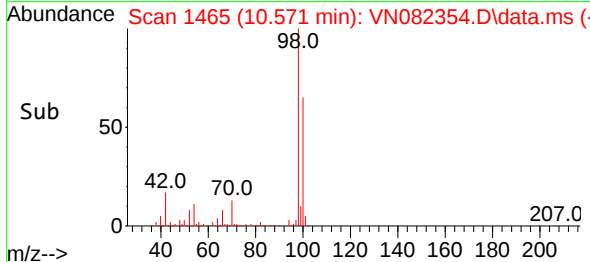
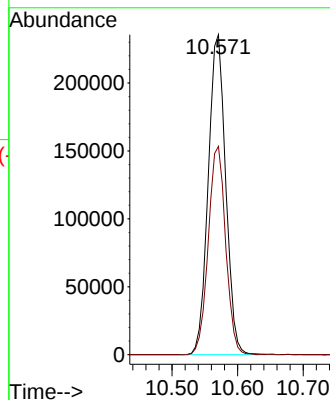
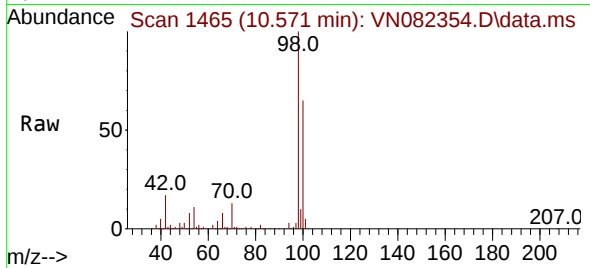




#50
Toluene-d8
Concen: 52.509 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

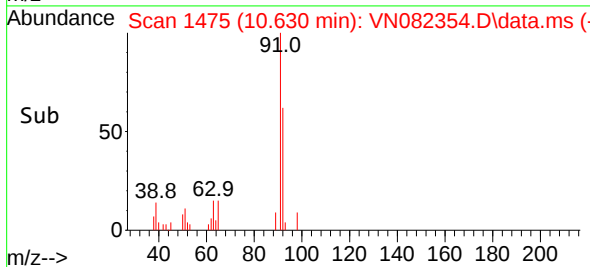
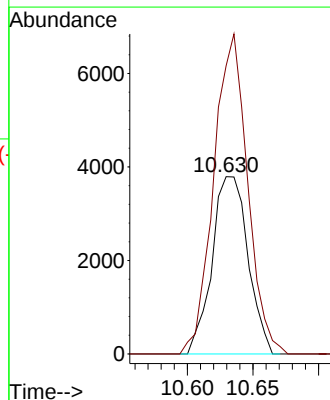
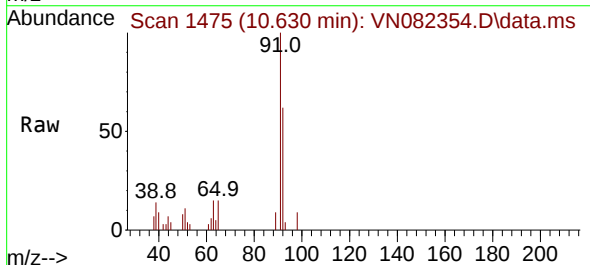
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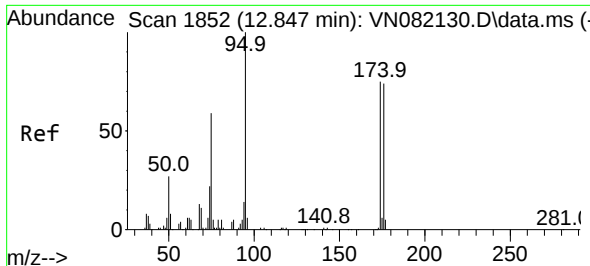
Tgt Ion: 98 Resp: 436155
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#52
Toluene
Concen: 1.110 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

Tgt Ion: 92 Resp: 7219
Ion Ratio Lower Upper
92 100
91 170.1 136.7 205.1

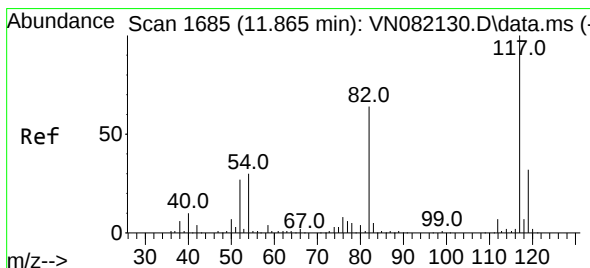
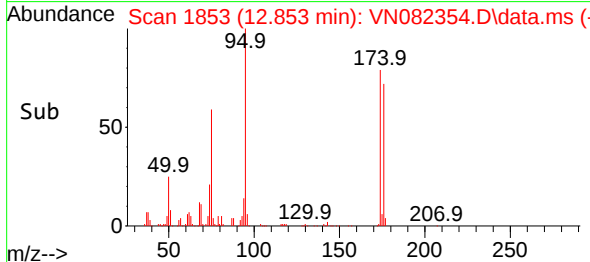
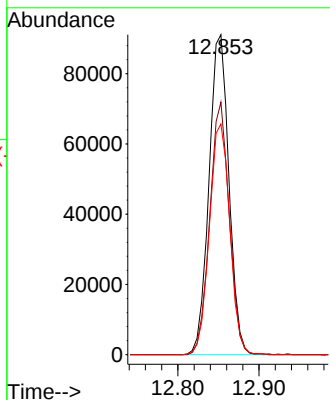
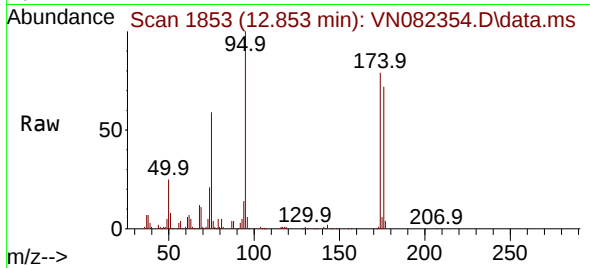




#62
4-Bromofluorobenzene
Concen: 52.388 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

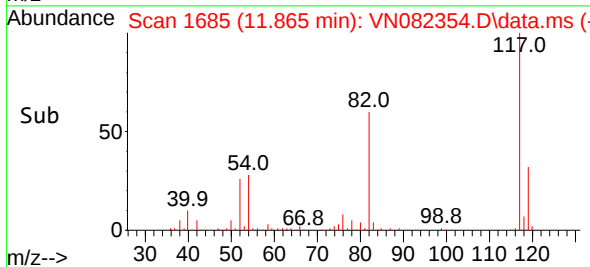
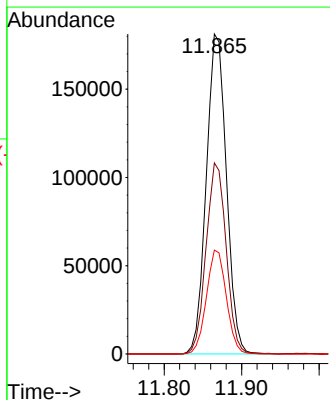
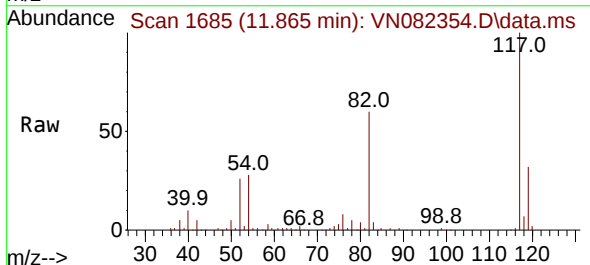
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Tgt Ion: 95 Resp: 155314
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.6
176 73.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082354.D
Acq: 28 May 2024 18:07

Tgt Ion: 117 Resp: 327474
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 32.4 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: VN082354.D
 Acq: 28 May 2024 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 240522011-02

Tgt Ion:152 Resp: 144045
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.4 91.3
 150 157.1 0.0 353.2

