

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080958.D
 Acq On : 08 Feb 2024 12:58
 Operator : JC\MD
 Sample : P1373-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1290

Quant Time: Feb 09 01:20:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

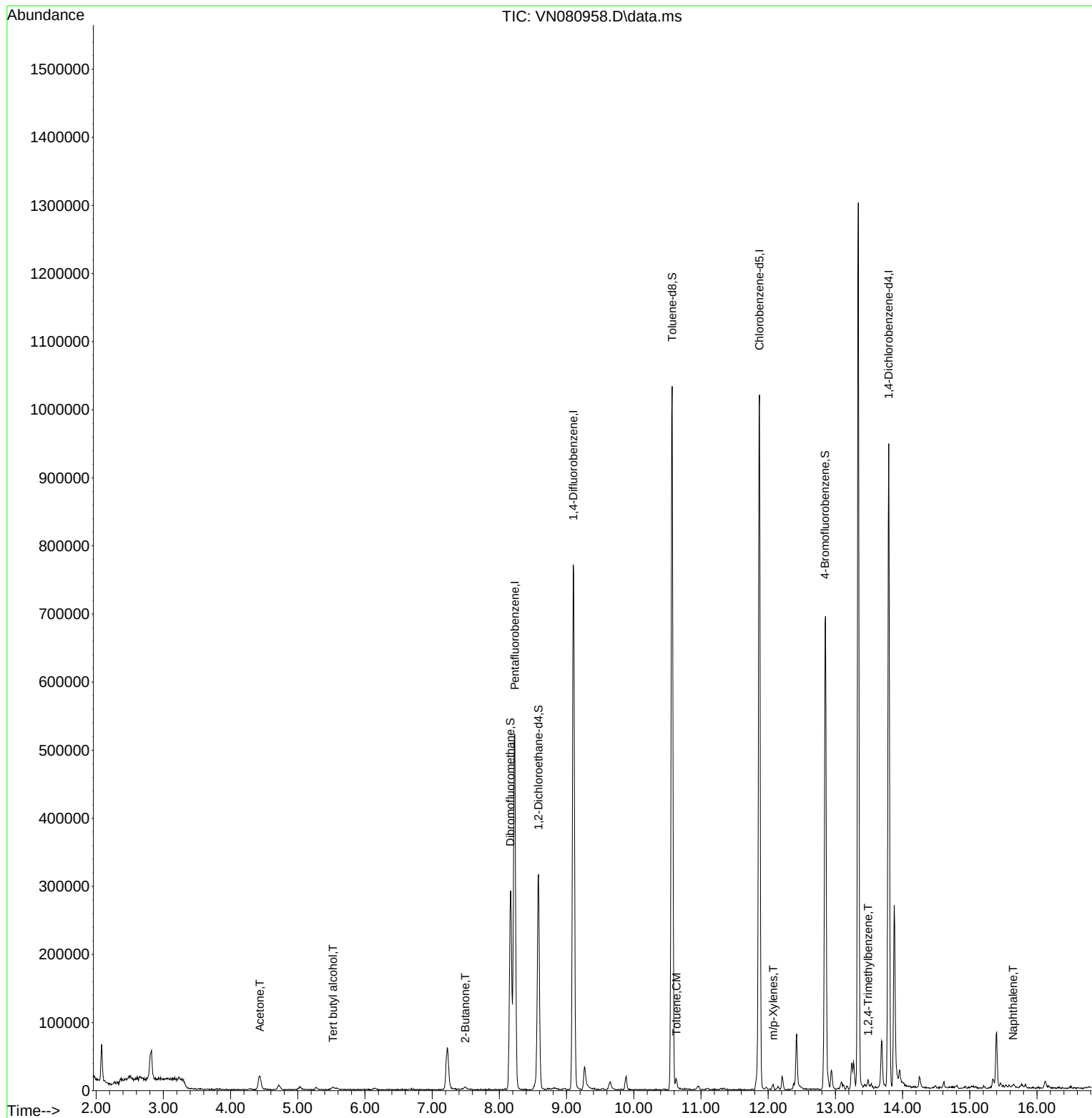
Internal Standards						
1) Pentafluorobenzene	8.229	168	376091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	691868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	594312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249867	52.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.340%	
35) Dibromofluoromethane	8.165	113	212295	57.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.360%	
50) Toluene-d8	10.571	98	708212	52.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.847	95	241243	49.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	5120	7.832	ug/l #	89
16) Acetone	4.436	43	39024	25.001	ug/l	94
25) 2-Butanone	7.494	43	6499	2.594	ug/l #	76
52) Toluene	10.635	92	6238	0.554	ug/l	94
68) m/p-Xylenes	12.076	106	2809	0.345	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.488	105	4953	0.323	ug/l	97
95) Naphthalene	15.647	128	3258	0.244	ug/l #	86

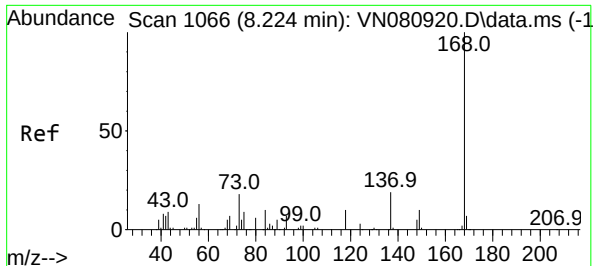
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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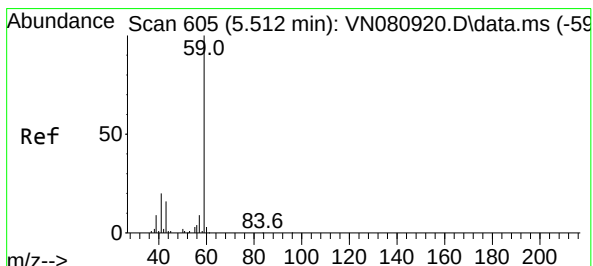
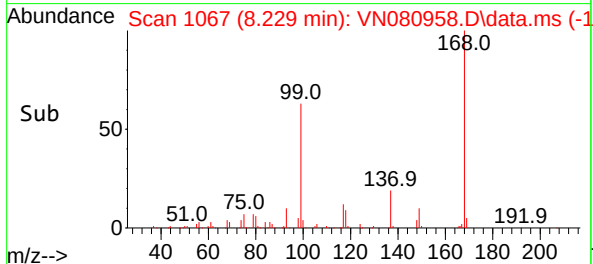
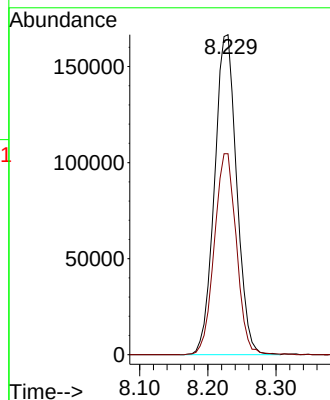
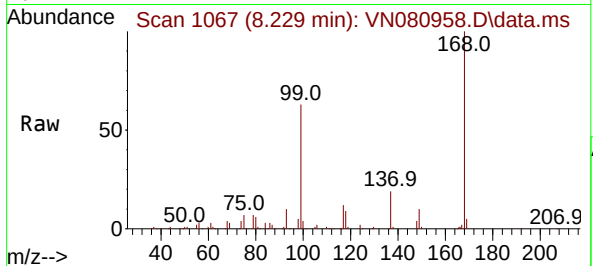




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

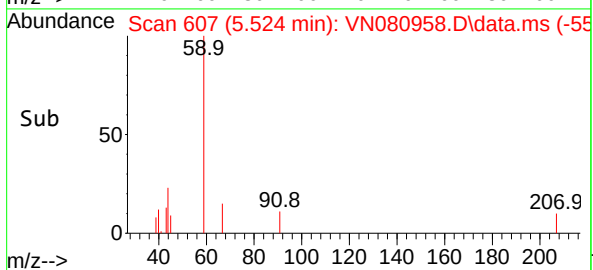
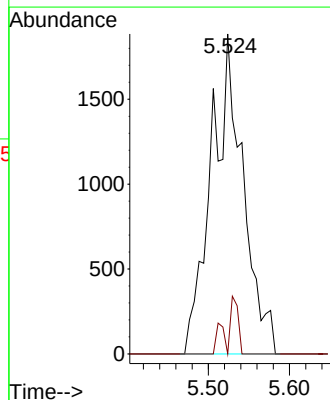
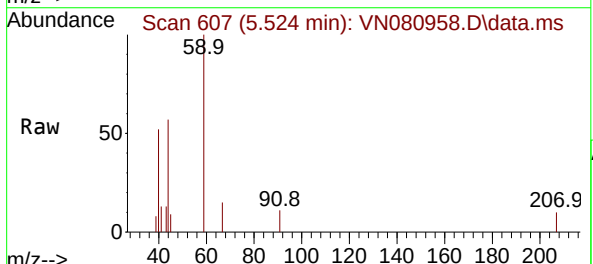
Instrument :
MSVOA_N
ClientSampleId :
1290

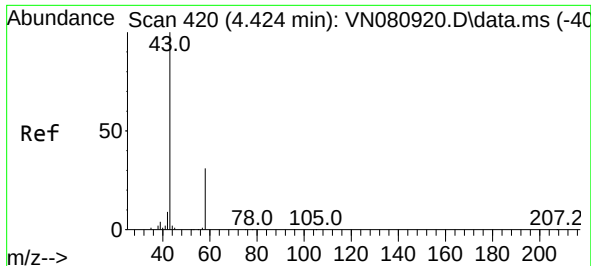
Tgt Ion:168 Resp: 376091
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#11
Tert butyl alcohol
Concen: 7.832 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

Tgt Ion: 59 Resp: 5120
Ion Ratio Lower Upper
59 100
57 6.6 8.6 12.8#

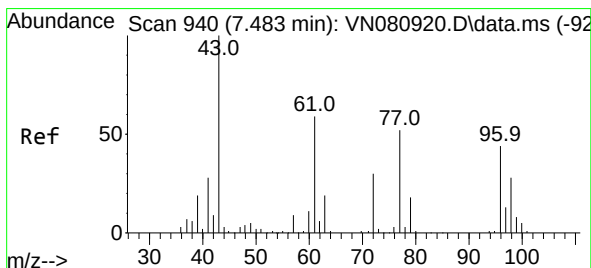
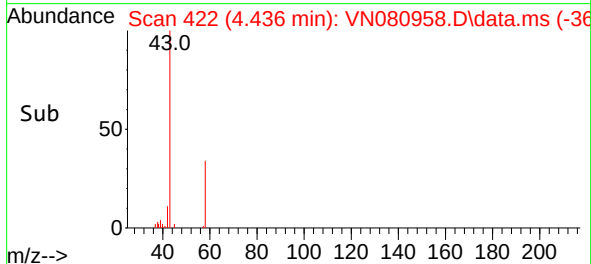
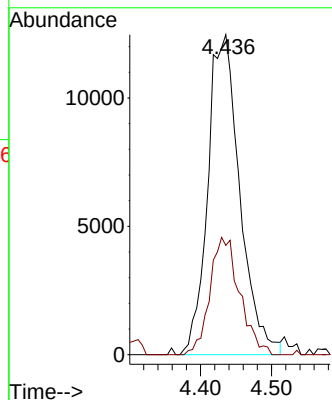
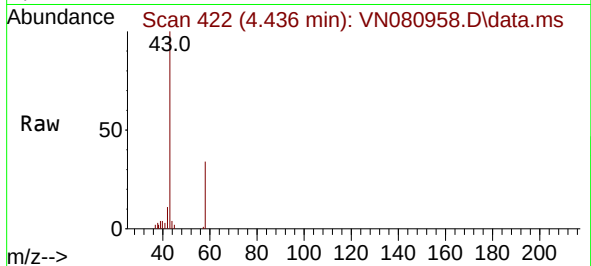




#16
Acetone
Concen: 25.001 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

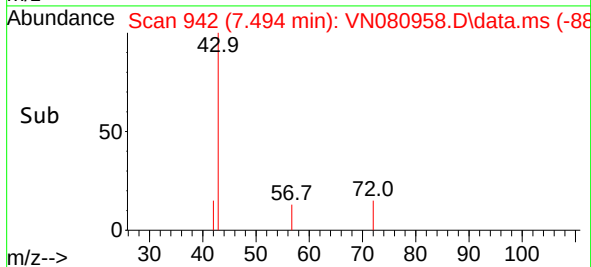
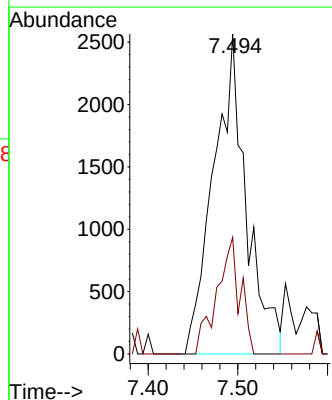
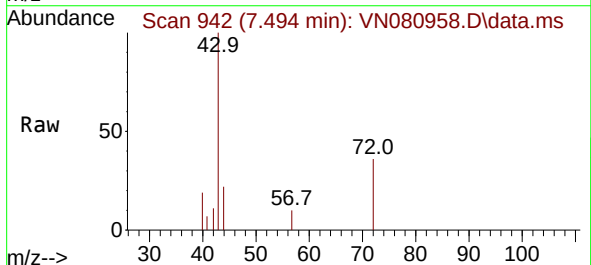
Instrument :
MSVOA_N
ClientSampleId :
1290

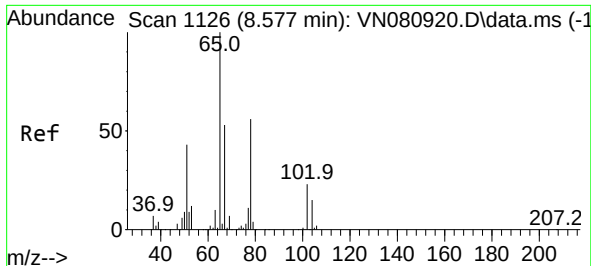
Tgt Ion: 43 Resp: 39024
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2



#25
2-Butanone
Concen: 2.594 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
72 36.4 19.5 29.3#

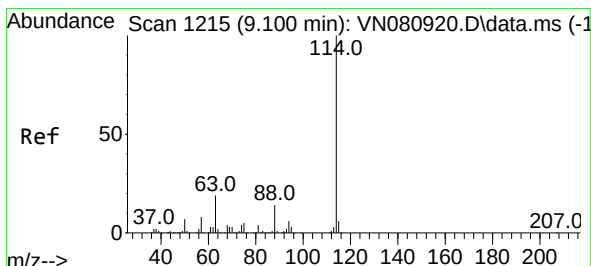
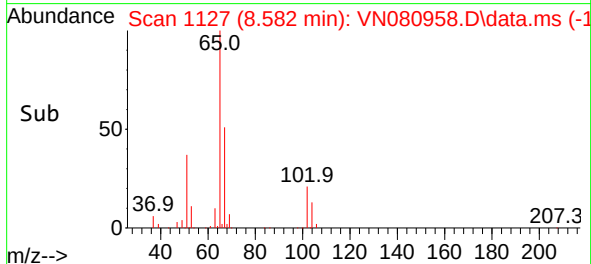
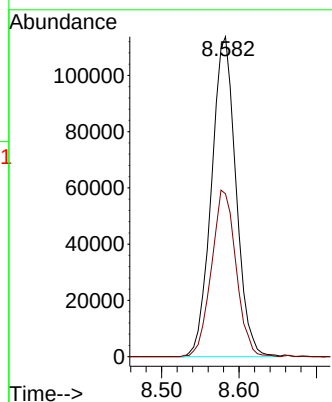
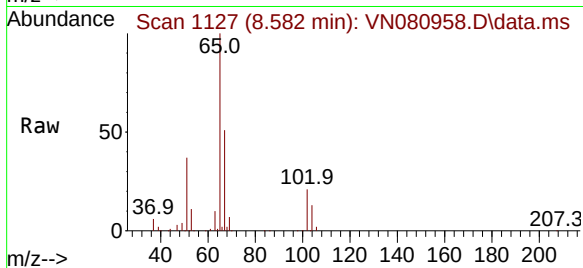




#33
1,2-Dichloroethane-d4
Concen: 52.666 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

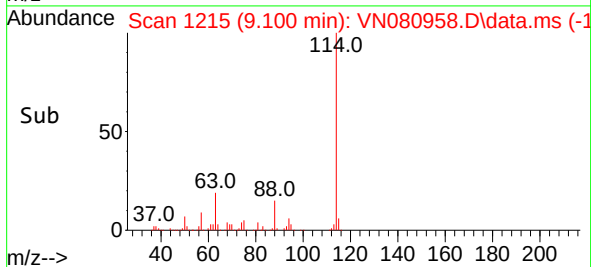
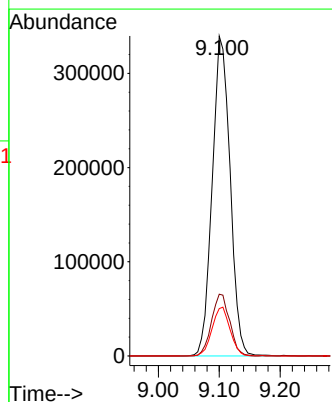
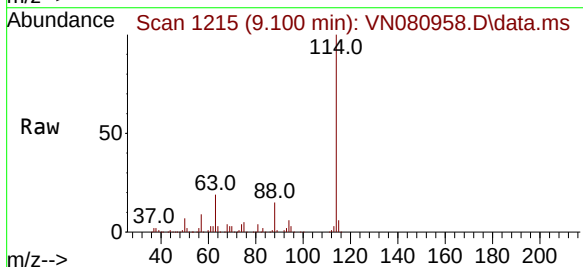
Instrument :
MSVOA_N
ClientSampleId :
1290

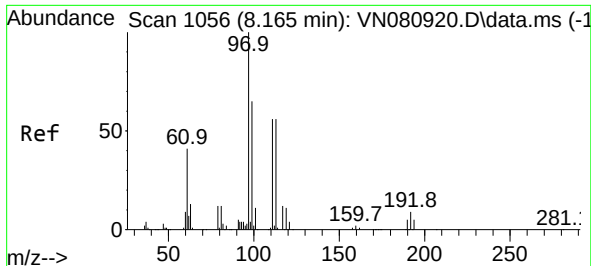
Tgt Ion: 65 Resp: 249867
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

Tgt Ion: 114 Resp: 691868
Ion Ratio Lower Upper
114 100
63 19.3 0.0 48.0
88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 57.183 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080958.D

Acq: 08 Feb 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

1290

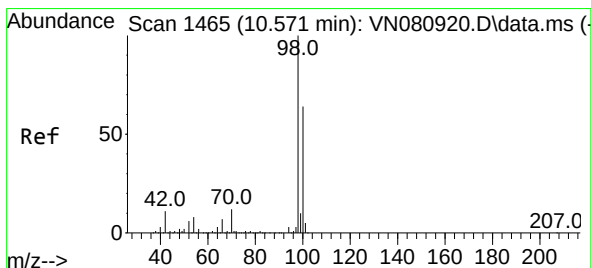
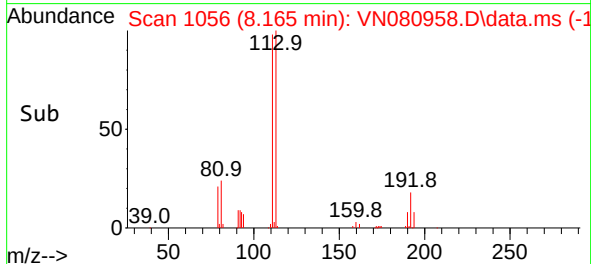
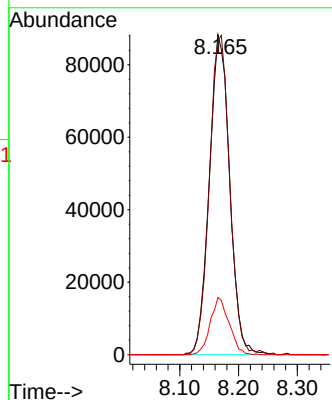
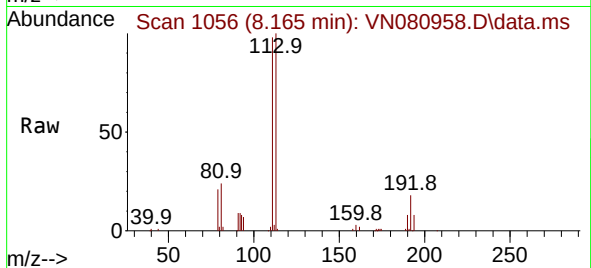
Tgt Ion:113 Resp: 212295

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 16.5 12.5 18.7



#50

Toluene-d8

Concen: 52.739 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080958.D

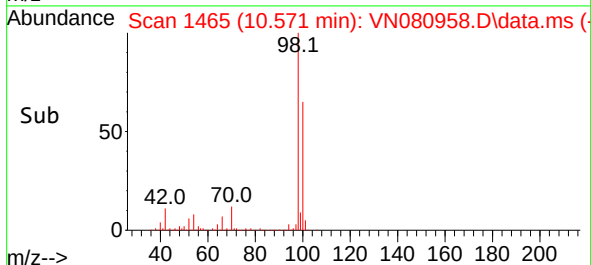
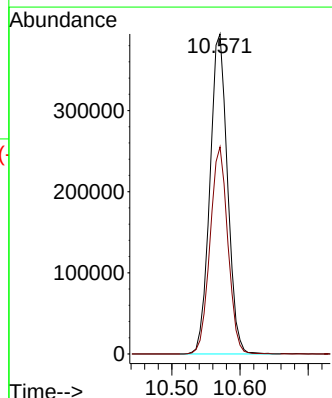
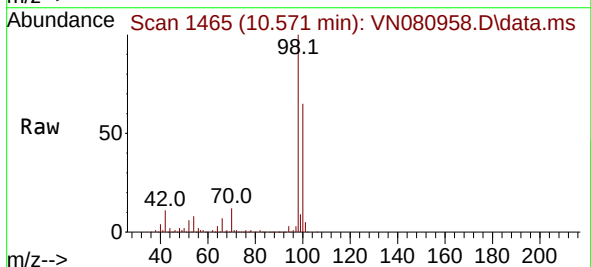
Acq: 08 Feb 2024 12:58

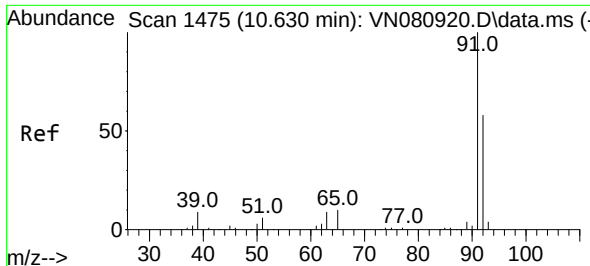
Tgt Ion: 98 Resp: 708212

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

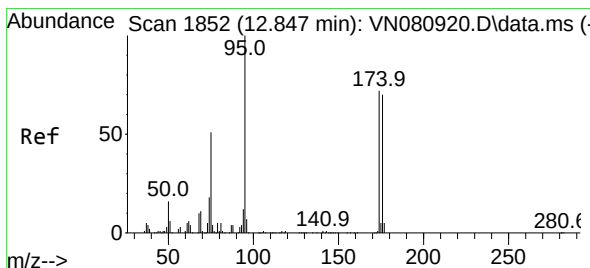
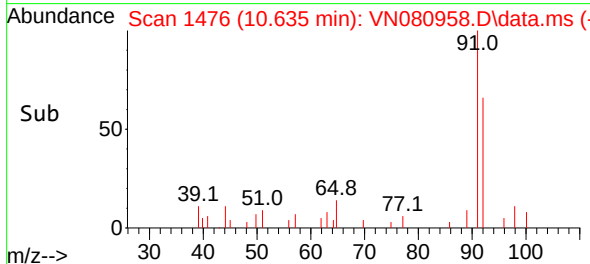
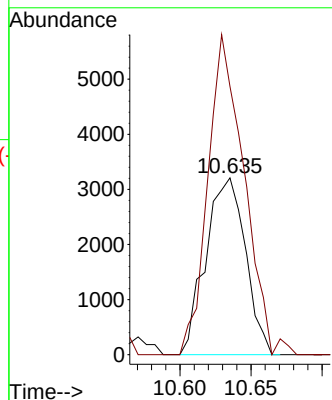
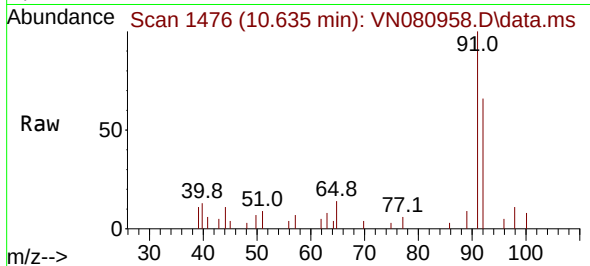




#52
Toluene
Concen: 0.554 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

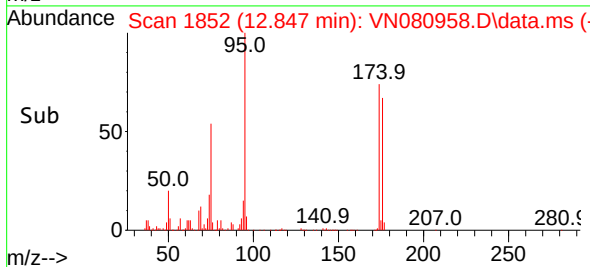
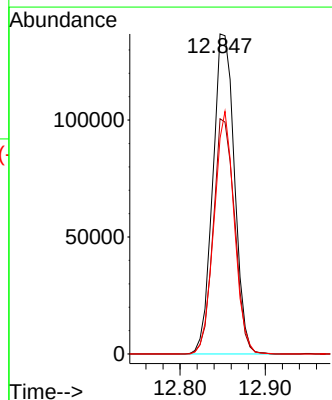
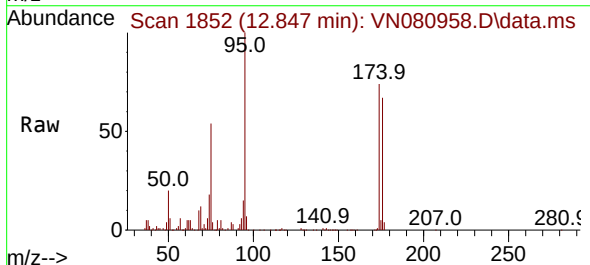
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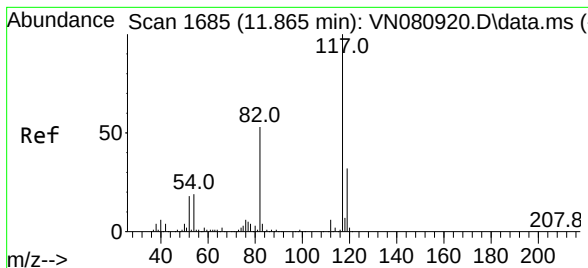
Tgt Ion: 92 Resp: 6238
Ion Ratio Lower Upper
92 100
91 165.6 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 49.452 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

Tgt Ion: 95 Resp: 241243
Ion Ratio Lower Upper
95 100
174 72.6 0.0 120.4
176 71.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VN080958.D

Acq: 08 Feb 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

1290

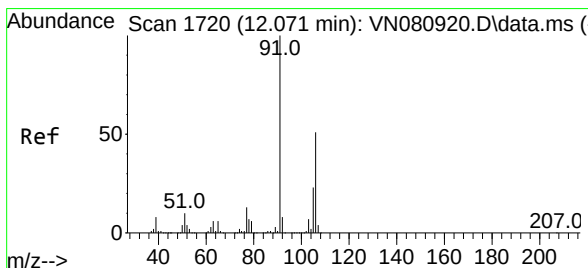
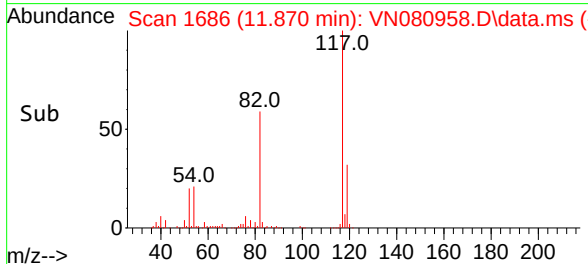
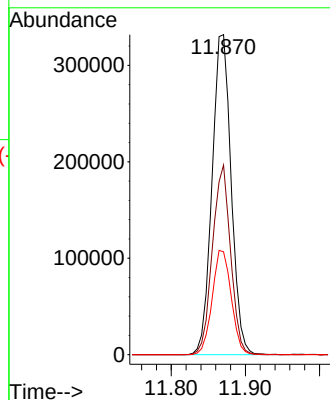
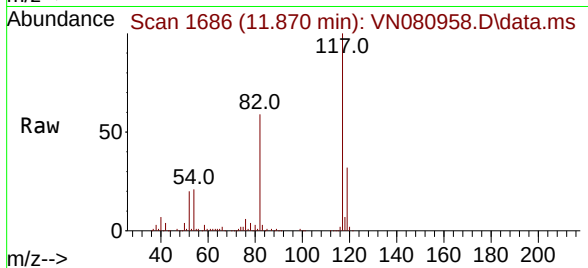
Tgt Ion:117 Resp: 594312

Ion Ratio Lower Upper

117 100

82 59.2 52.7 79.1

119 32.2 25.3 37.9



#68

m/p-Xylenes

Concen: 0.345 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080958.D

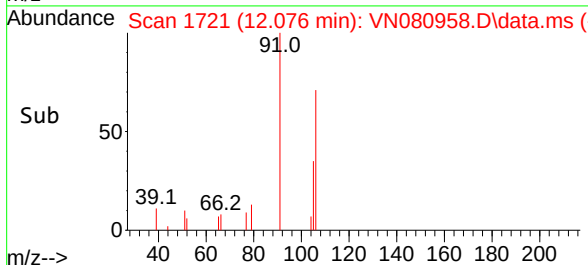
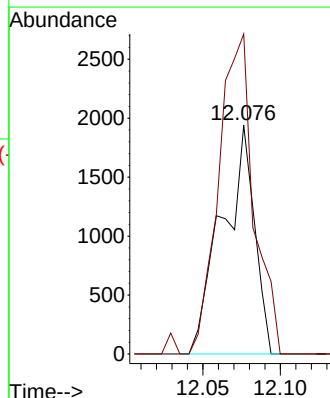
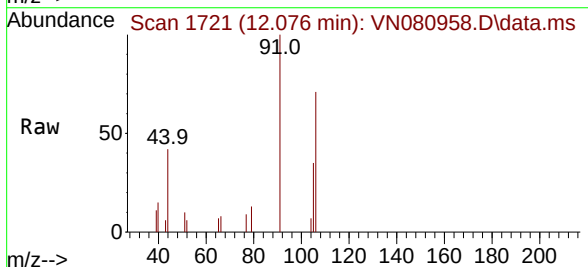
Acq: 08 Feb 2024 12:58

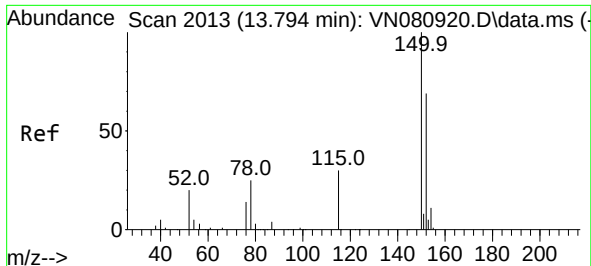
Tgt Ion:106 Resp: 2809

Ion Ratio Lower Upper

106 100

91 152.1 169.0 253.6#

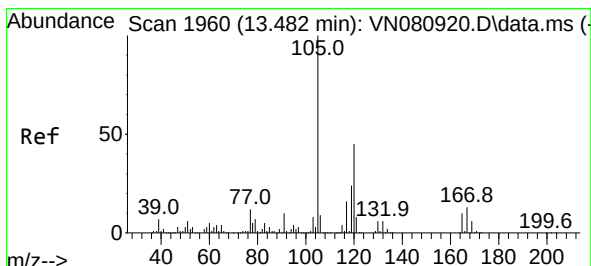
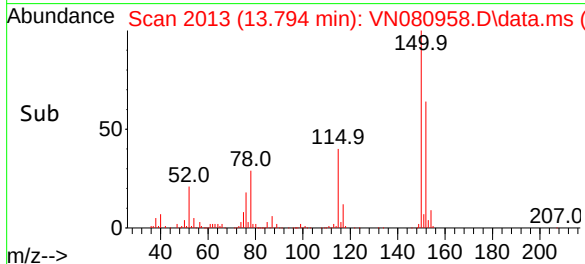
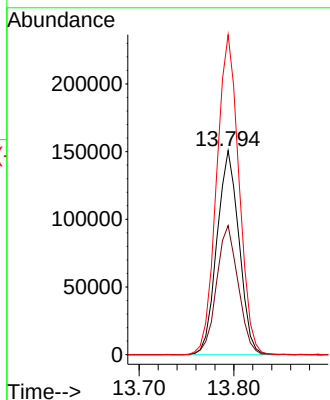
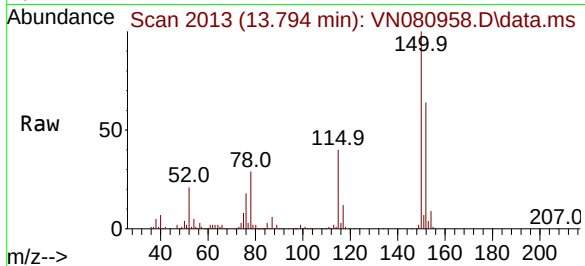




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080958.D
 Acq: 08 Feb 2024 12:58

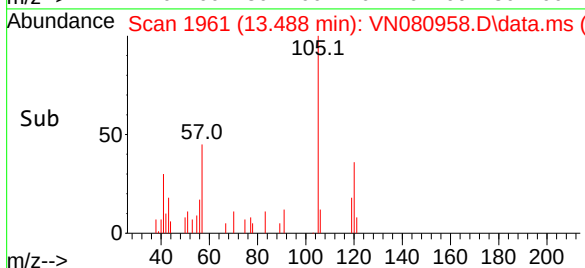
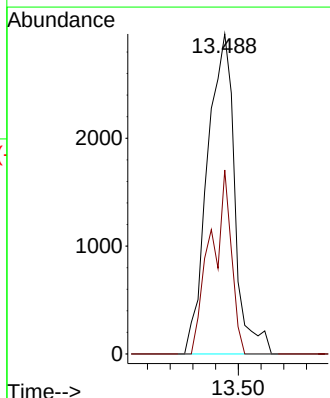
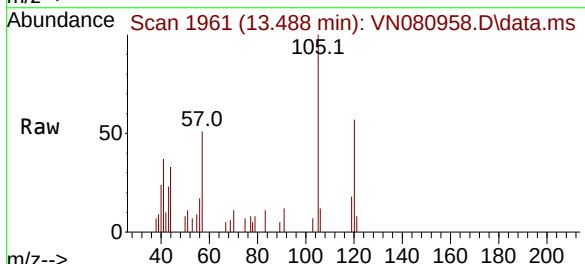
Instrument :
 MSVOA_N
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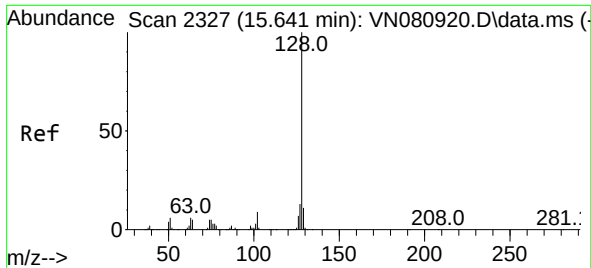
Tgt Ion:152 Resp: 243926
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 158.9 0.0 339.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.323 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080958.D
 Acq: 08 Feb 2024 12:58

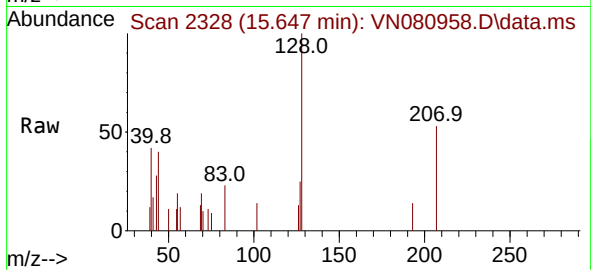
Tgt Ion:105 Resp: 4953
 Ion Ratio Lower Upper
 105 100
 120 43.4 20.9 62.7





#95
Naphthalene
Concen: 0.244 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080958.D
Acq: 08 Feb 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
1290



Tgt Ion:128 Resp: 3258
Ion Ratio Lower Upper
128 100
127 17.1 10.0 15.0#
129 4.2 8.7 13.1#

