

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078908.D
 Acq On : 16 Aug 2023 17:18
 Operator : JC\MD
 Sample : 04022-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15

Quant Time: Aug 17 01:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

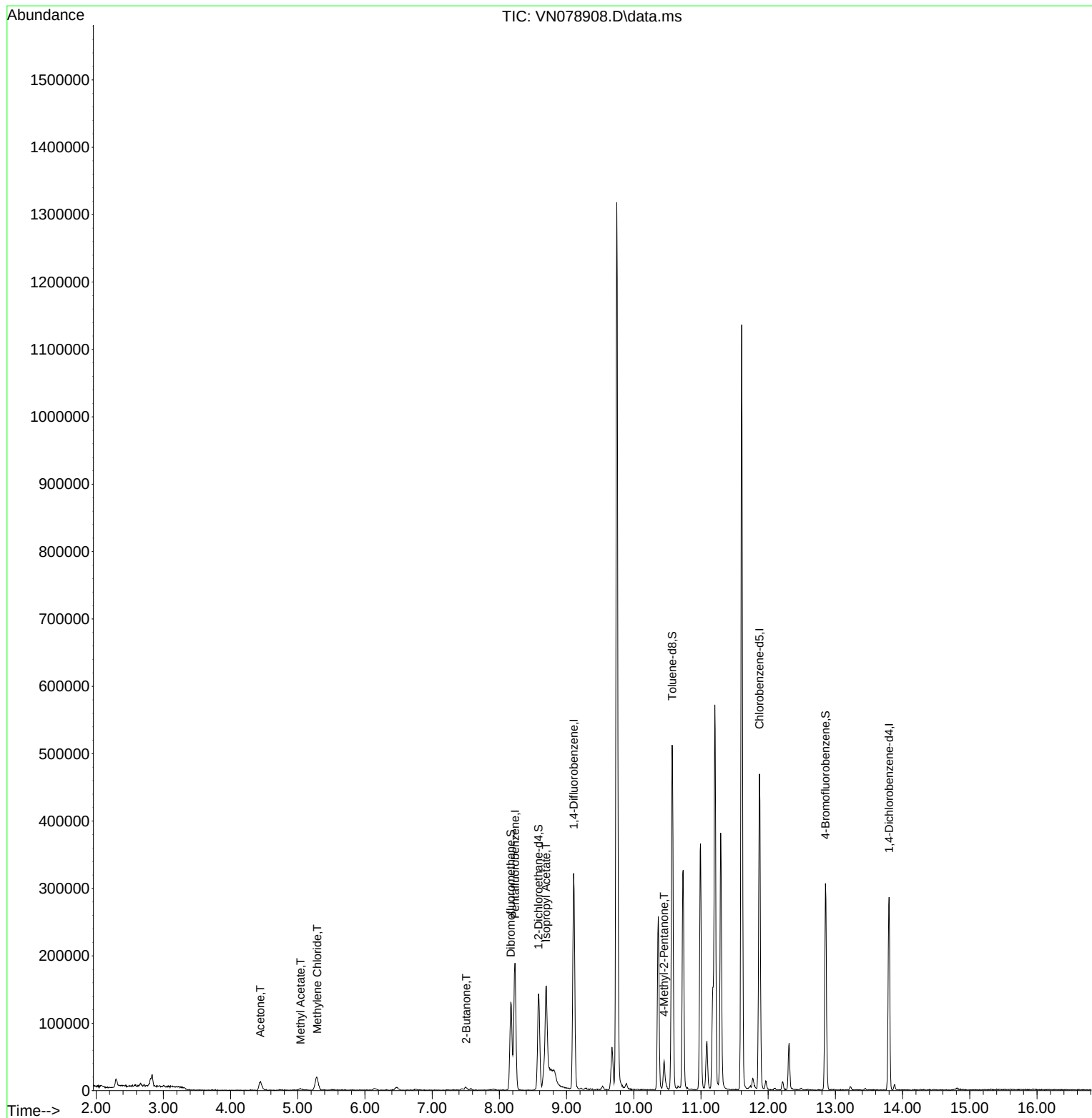
Internal Standards						
1) Pentafluorobenzene	8.235	168	128037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	73988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116632	58.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.080%			
35) Dibromofluoromethane	8.171	113	90774	51.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	10.571	98	341240	52.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.853	95	101085	47.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.740%			
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	24201	29.439	ug/l #	71
18) Methyl Acetate	5.042	43	4377	1.260	ug/l #	70
20) Methylene Chloride	5.289	84	13635	7.783	ug/l #	71
25) 2-Butanone	7.506	43	8075	6.127	ug/l #	56
43) Isopropyl Acetate	8.694	43	211566	40.451	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	31759	10.238	ug/l #	80

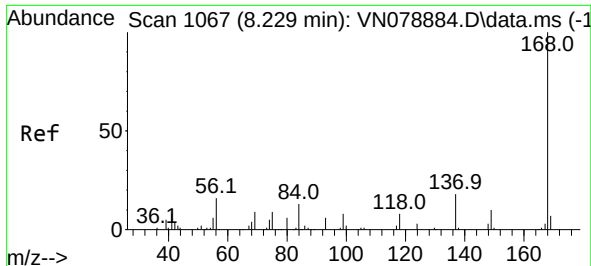
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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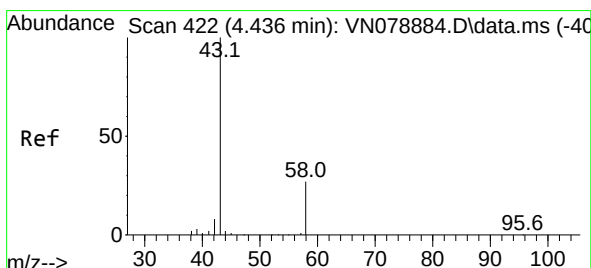
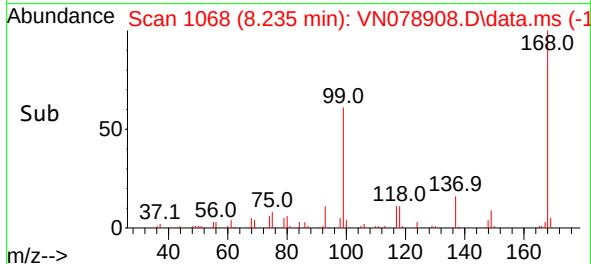
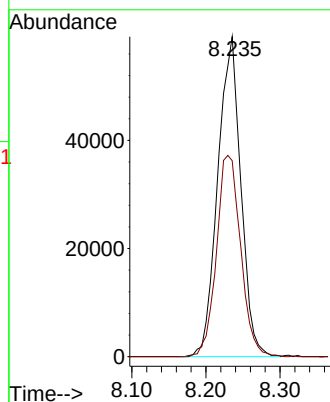
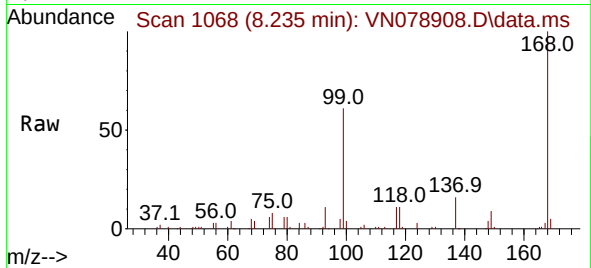




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

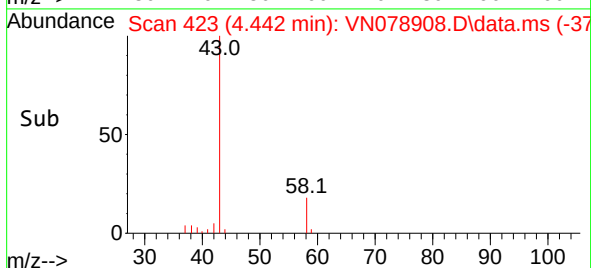
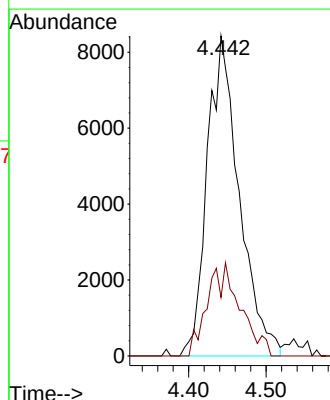
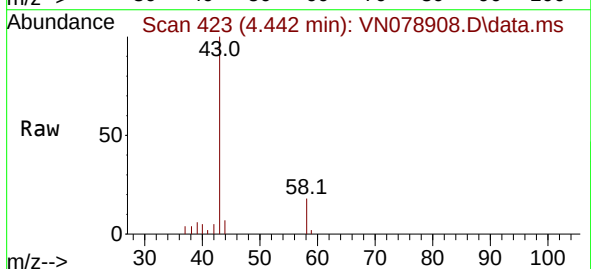
Instrument :
MSVOA_N
ClientSampleId :
TP-15

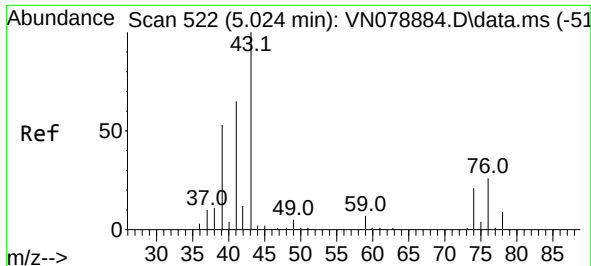
Tgt Ion:168 Resp: 128037
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#16
Acetone
Concen: 29.439 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

Tgt Ion: 43 Resp: 24201
Ion Ratio Lower Upper
43 100
58 18.3 28.0 42.0#

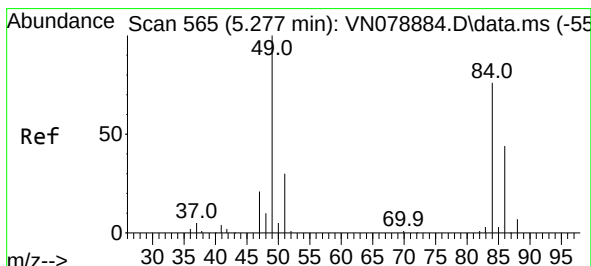
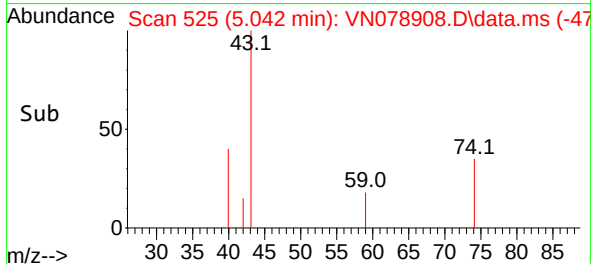
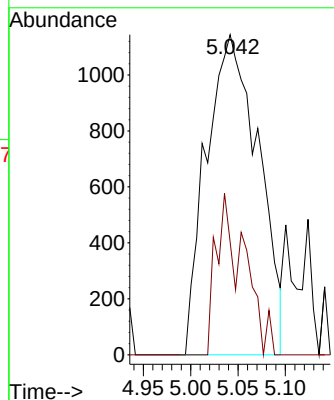
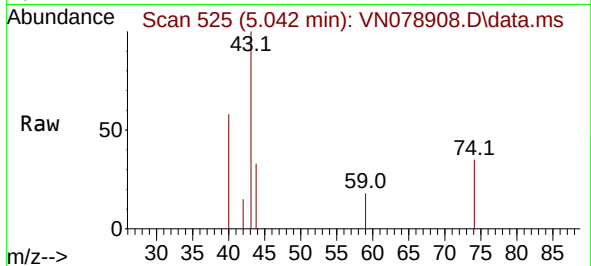




#18
Methyl Acetate
Concen: 1.260 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

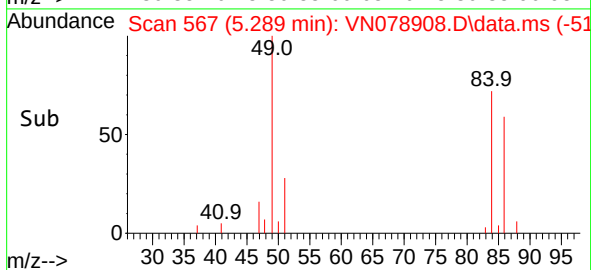
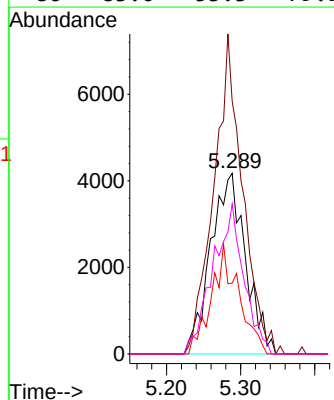
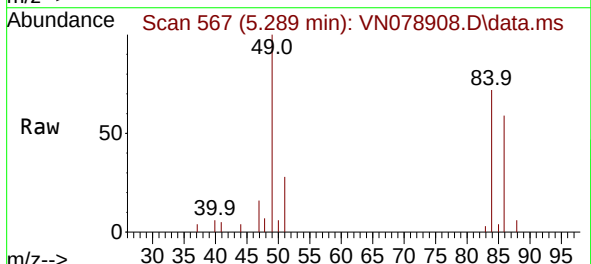
Instrument :
MSVOA_N
ClientSampleId :
TP-15

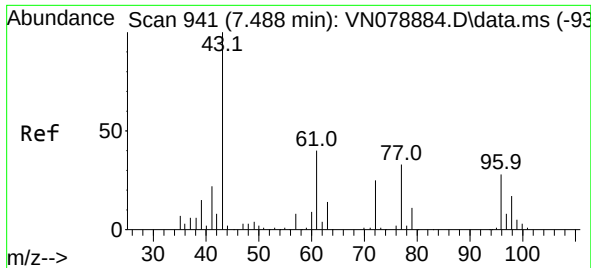
Tgt Ion: 43 Resp: 4377
Ion Ratio Lower Upper
43 100
74 15.8 26.2 39.4#



#20
Methylene Chloride
Concen: 7.783 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

Tgt Ion: 84 Resp: 13635
Ion Ratio Lower Upper
84 100
49 139.7 79.7 119.5#
51 39.2 25.2 37.8#
86 83.0 53.3 79.9#

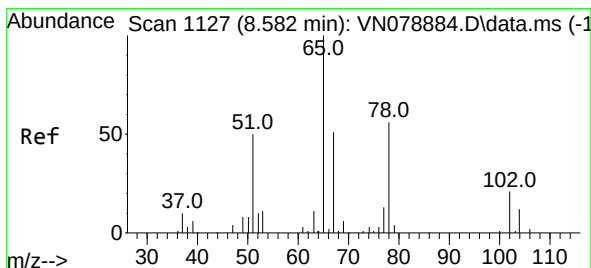
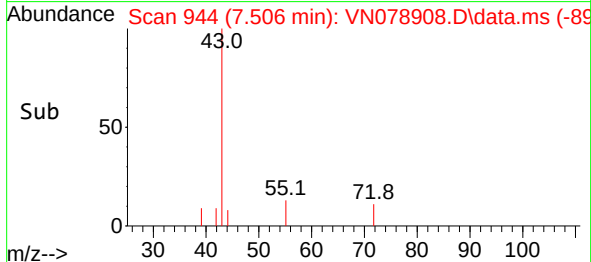
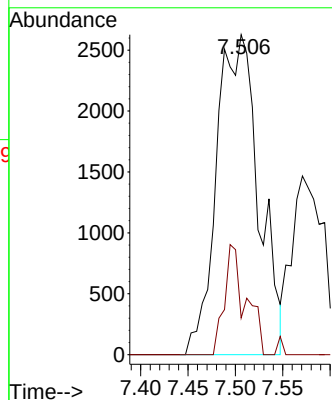
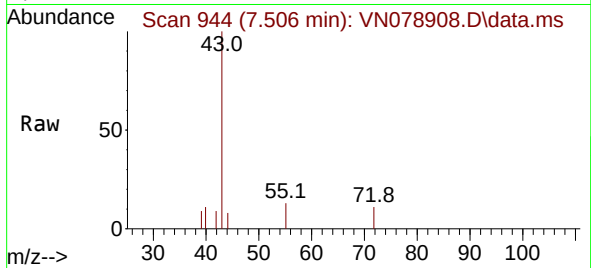




#25
2-Butanone
Concen: 6.127 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

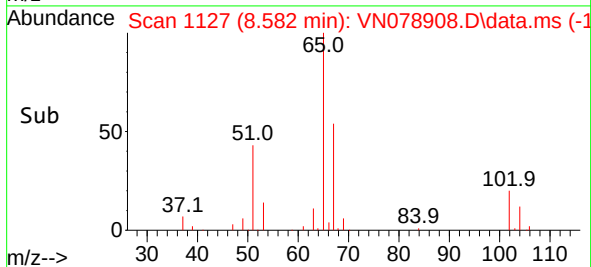
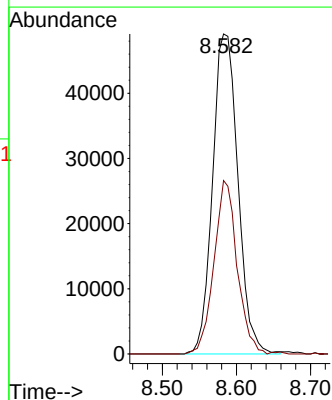
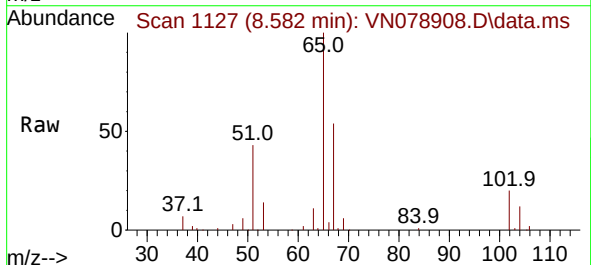
Instrument :
MSVOA_N
ClientSampleId :
TP-15

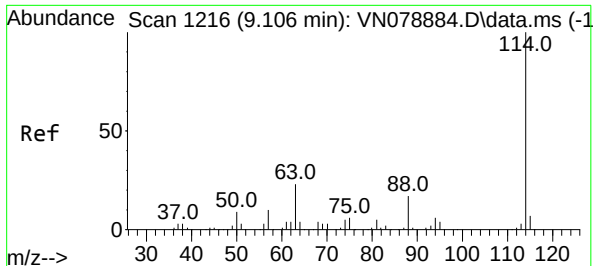
Tgt Ion: 43 Resp: 8075
Ion Ratio Lower Upper
43 100
72 11.5 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 58.539 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

Tgt Ion: 65 Resp: 116632
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078908.D

Acq: 16 Aug 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

TP-15

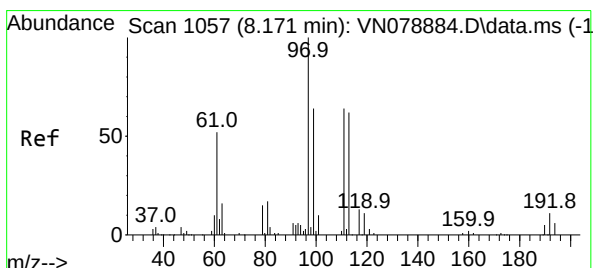
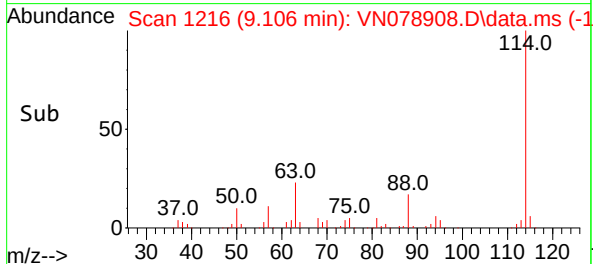
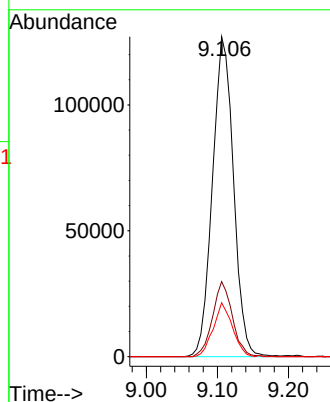
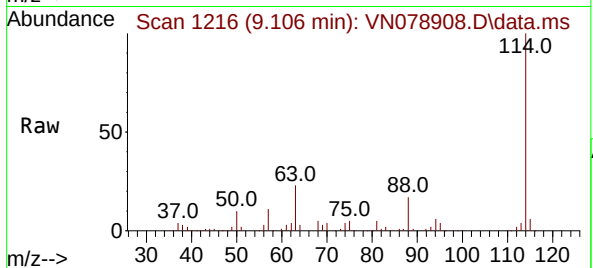
Tgt Ion:114 Resp: 261187

Ion Ratio Lower Upper

114 100

63 23.4 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.630 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078908.D

Acq: 16 Aug 2023 17:18

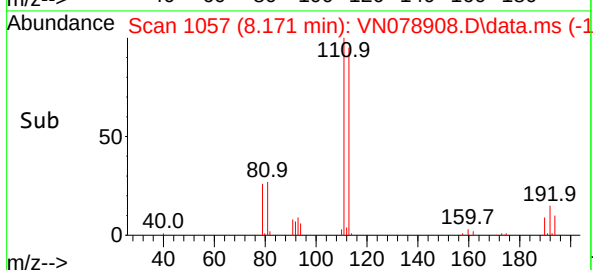
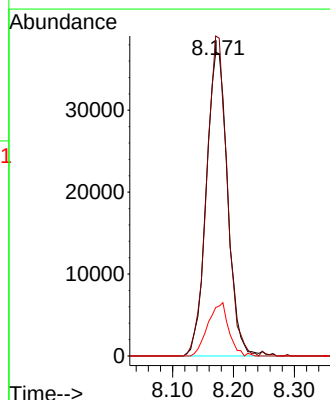
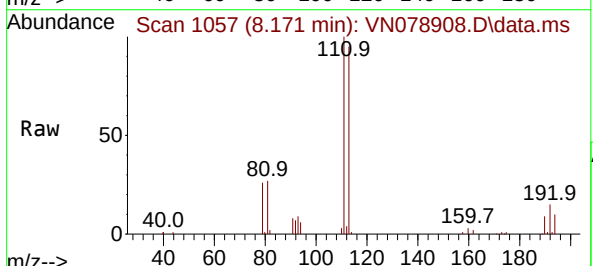
Tgt Ion:113 Resp: 90774

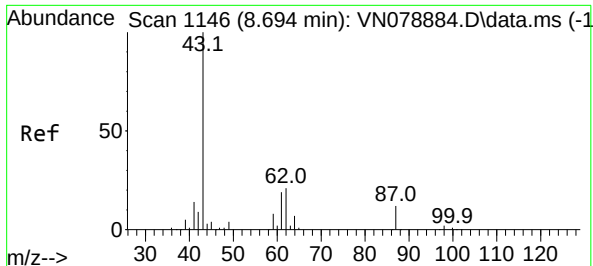
Ion Ratio Lower Upper

113 100

111 100.5 82.6 123.8

192 16.9 12.7 19.1

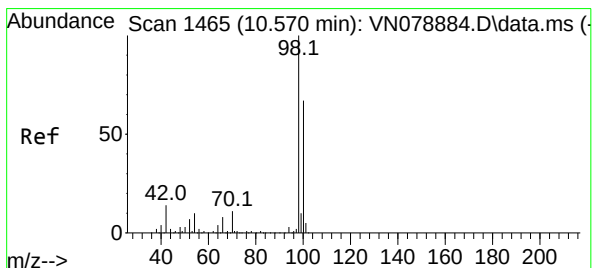
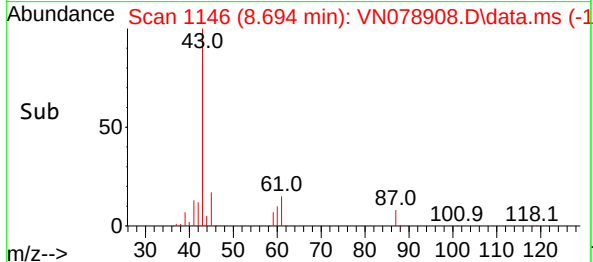
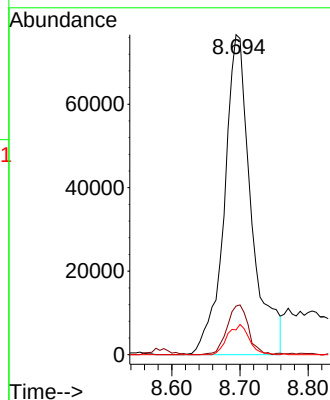
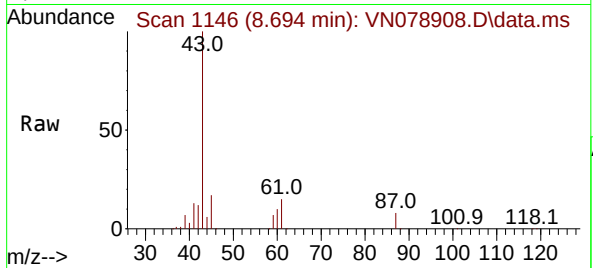




#43
Isopropyl Acetate
Concen: 40.451 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

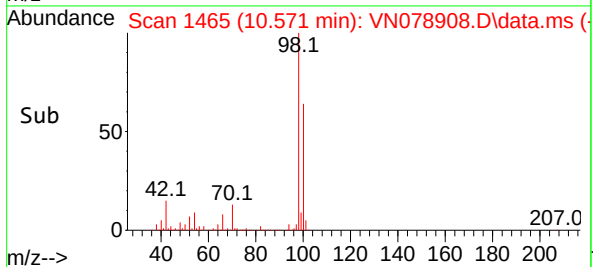
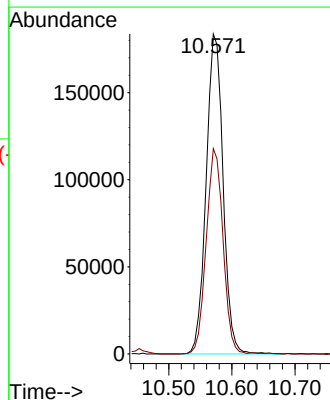
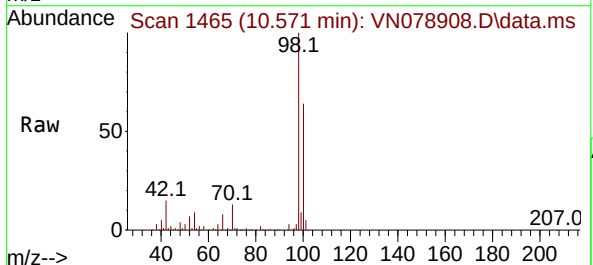
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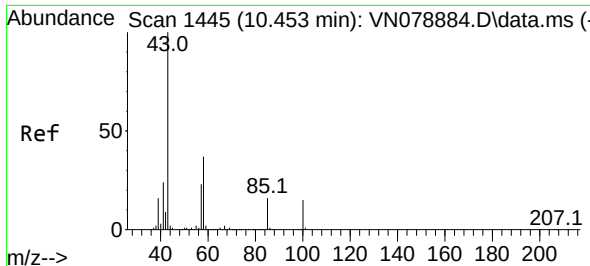
Tgt Ion: 43 Resp: 211566
Ion Ratio Lower Upper
43 100
61 12.3 24.7 37.1#
87 7.5 14.6 21.8#



#50
Toluene-d8
Concen: 52.271 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

Tgt Ion: 98 Resp: 341240
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

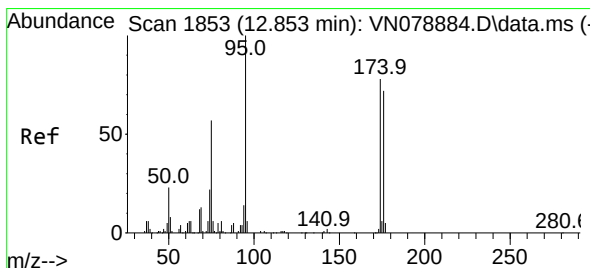
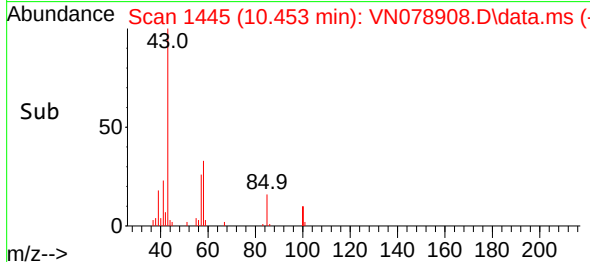
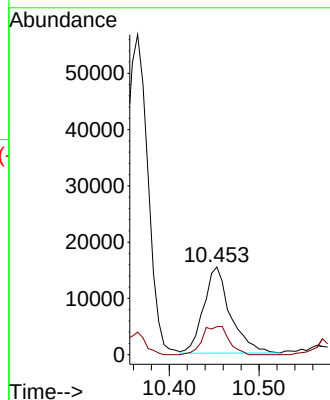
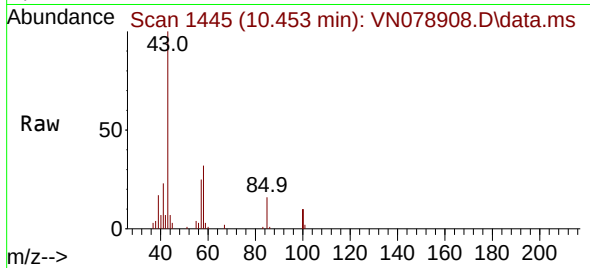




#51
4-Methyl-2-Pentanone
Concen: 10.238 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

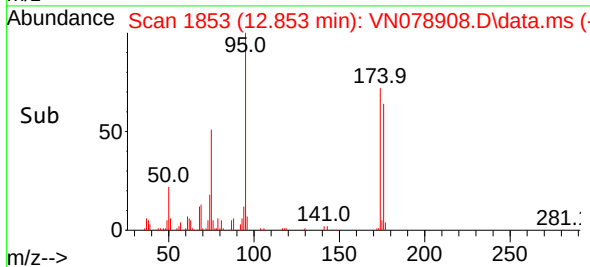
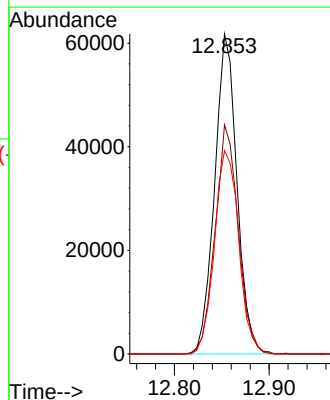
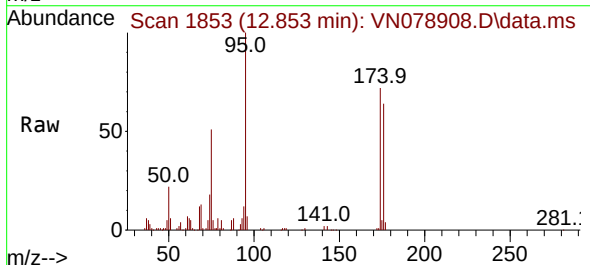
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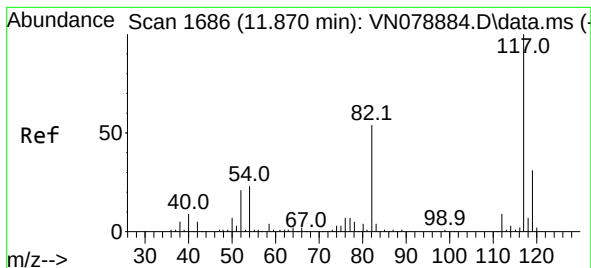
Tgt Ion: 43 Resp: 31759
Ion Ratio Lower Upper
43 100
58 32.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.373 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078908.D
Acq: 16 Aug 2023 17:18

Tgt Ion: 95 Resp: 101085
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 69.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078908.D

Acq: 16 Aug 2023 17:18

Instrument :

MSVOA_N

ClientSampleId :

TP-15

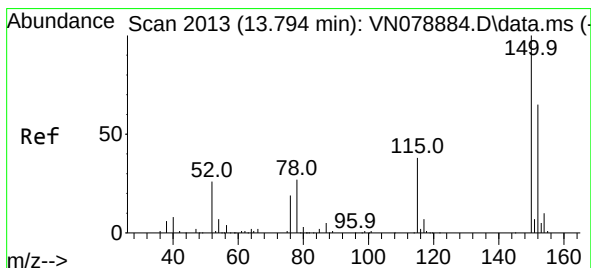
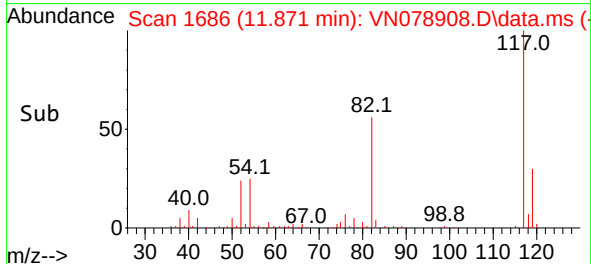
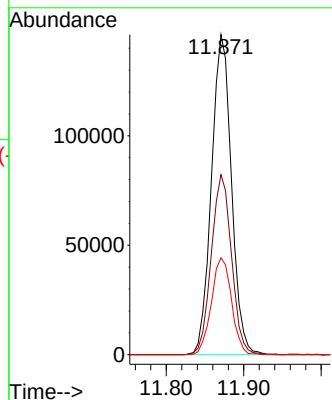
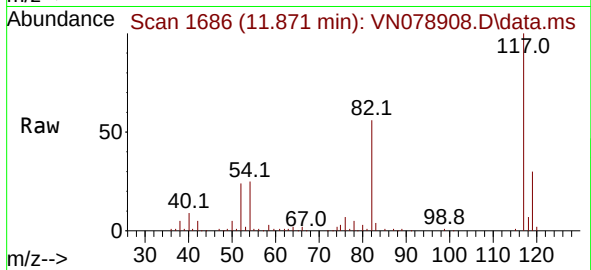
Tgt Ion:117 Resp: 262351

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 30.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN078908.D

Acq: 16 Aug 2023 17:18

Tgt Ion:152 Resp: 73988

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 156.7 0.0 355.8

