

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080492.D
 Acq On : 14 Dec 2023 19:01
 Operator : JC\MD
 Sample : PB157758TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157758TB

Quant Time: Dec 15 00:32:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

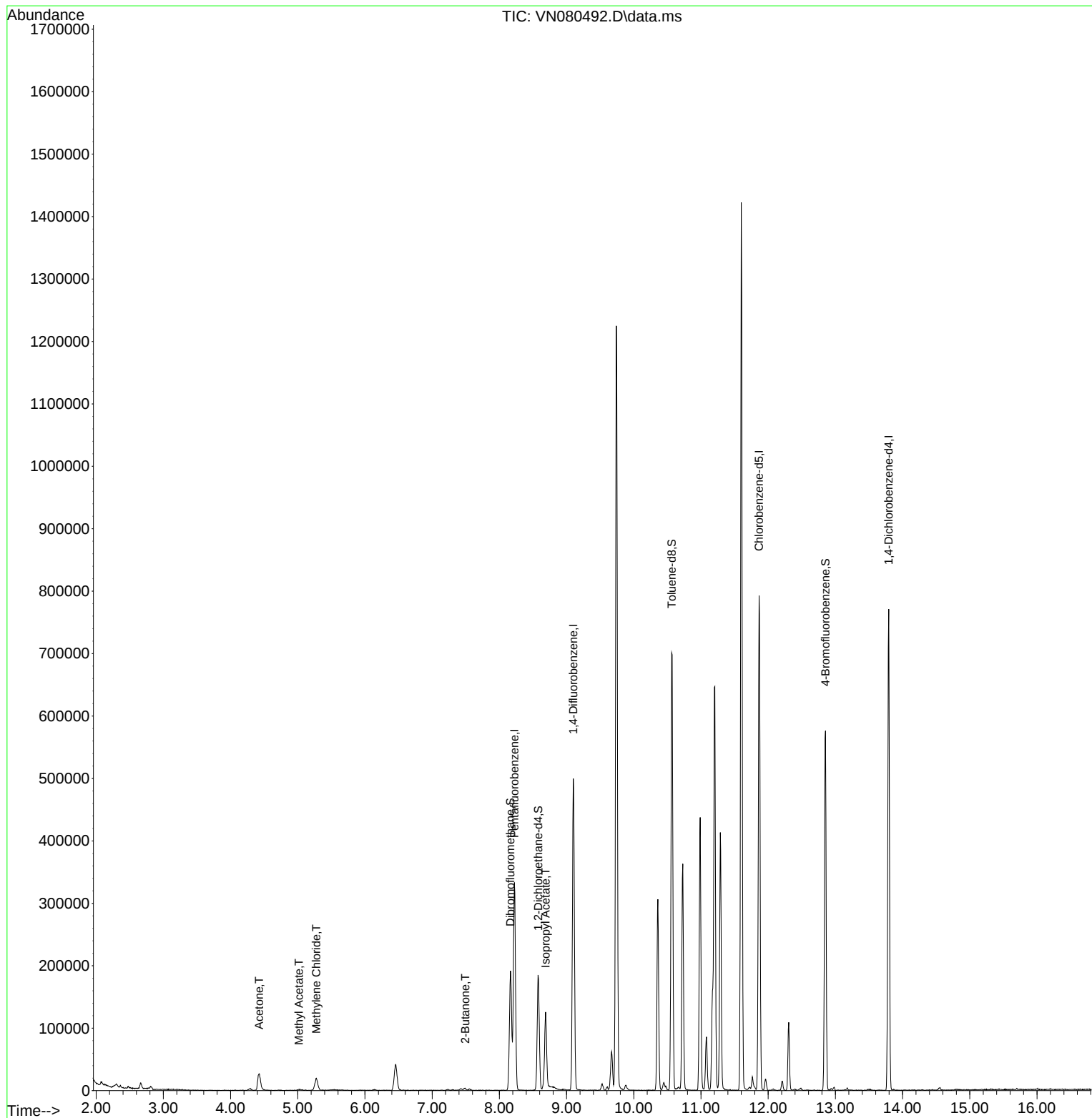
Internal Standards						
1) Pentafluorobenzene	8.224	168	233318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	424792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	458048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161823	54.303	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	8.165	113	132118	49.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.100%			
50) Toluene-d8	10.565	98	494052	49.185	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.853	95	205746	53.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.880%			
Target Compounds						
16) Acetone	4.424	43	52261	98.906	ug/l	92
18) Methyl Acetate	5.018	43	3588	1.055	ug/l #	71
20) Methylene Chloride	5.277	84	16480	5.828	ug/l	95
25) 2-Butanone	7.494	43	5640	5.541	ug/l	99
43) Isopropyl Acetate	8.688	43	137394	27.710	ug/l #	86

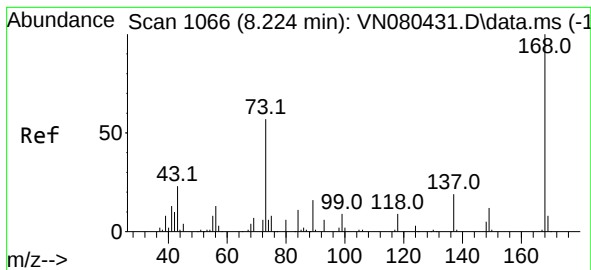
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080492.D

Acq: 14 Dec 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

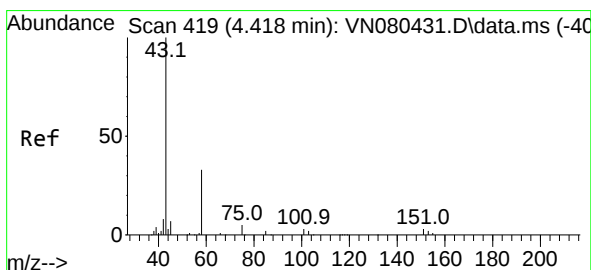
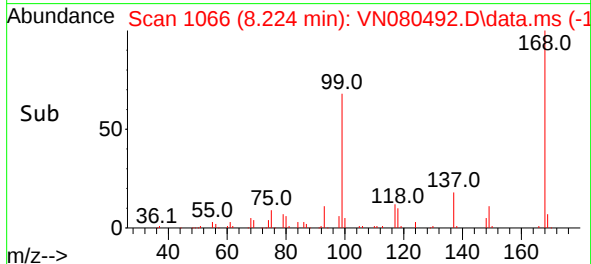
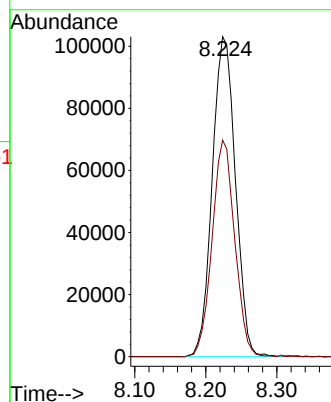
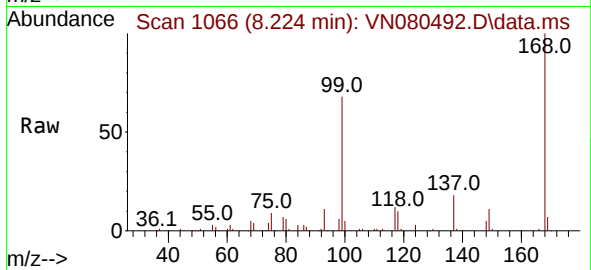
PB157758TB

Tgt Ion:168 Resp: 233318

Ion Ratio Lower Upper

168 100

99 67.7 53.0 79.6



#16

Acetone

Concen: 98.906 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN080492.D

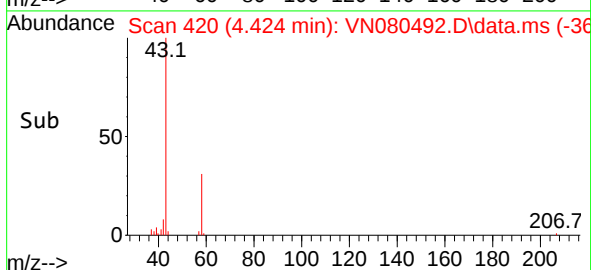
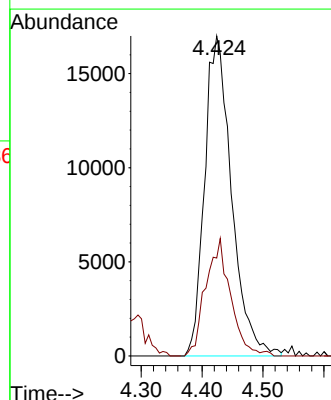
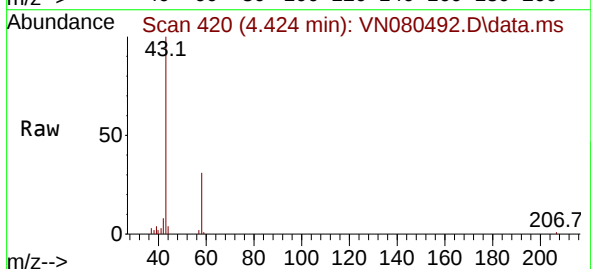
Acq: 14 Dec 2023 19:01

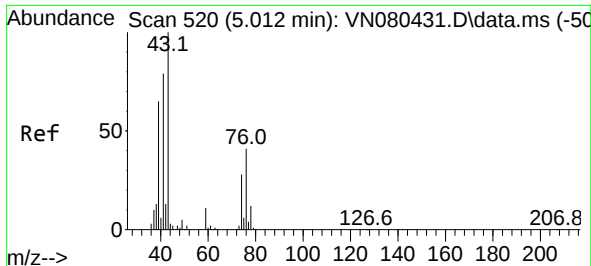
Tgt Ion: 43 Resp: 52261

Ion Ratio Lower Upper

43 100

58 30.6 28.0 42.0





#18

Methyl Acetate

Concen: 1.055 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN080492.D

Acq: 14 Dec 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

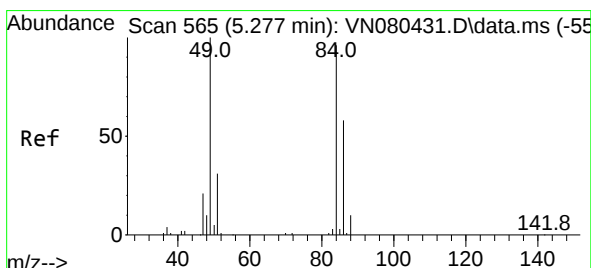
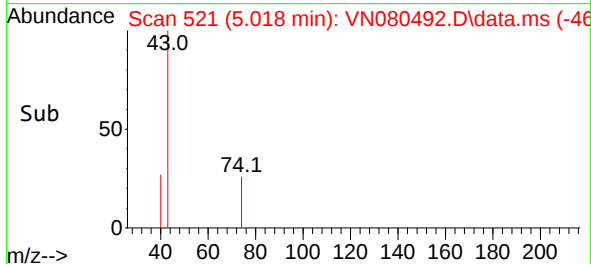
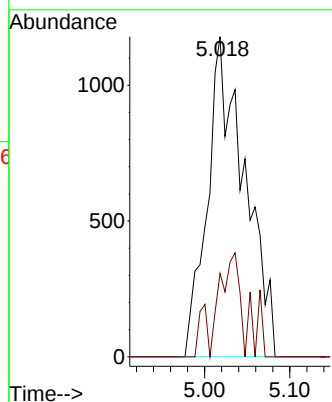
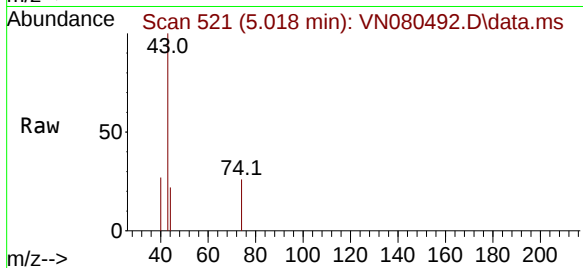
PB157758TB

Tgt Ion: 43 Resp: 3588

Ion Ratio Lower Upper

43 100

74 16.5 26.2 39.4#



#20

Methylene Chloride

Concen: 5.828 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN080492.D

Acq: 14 Dec 2023 19:01

Tgt Ion: 84 Resp: 16480

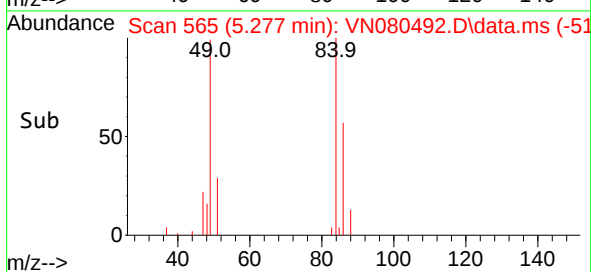
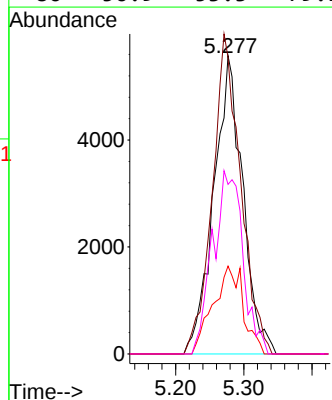
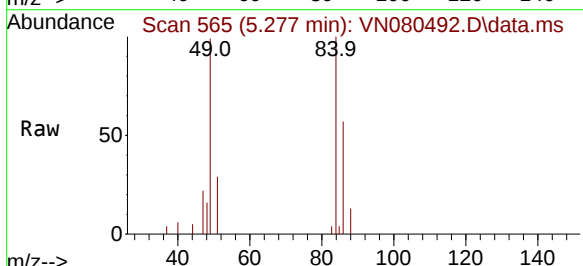
Ion Ratio Lower Upper

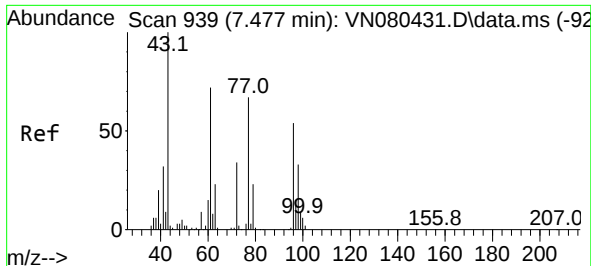
84 100

49 99.4 79.7 119.5

51 29.4 25.2 37.8

86 56.9 53.3 79.9

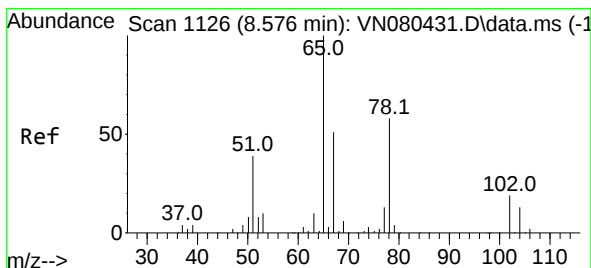
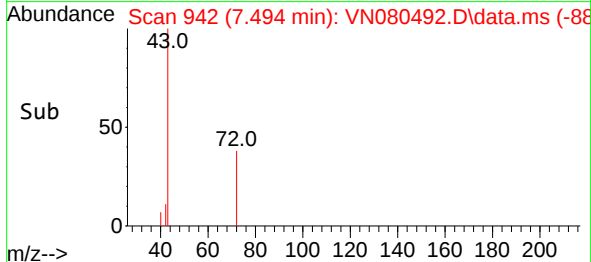
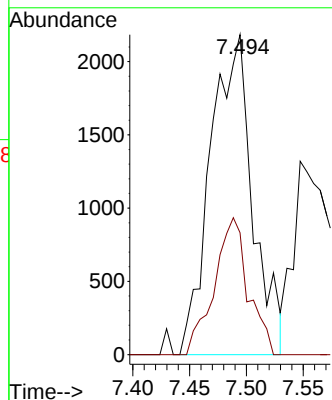
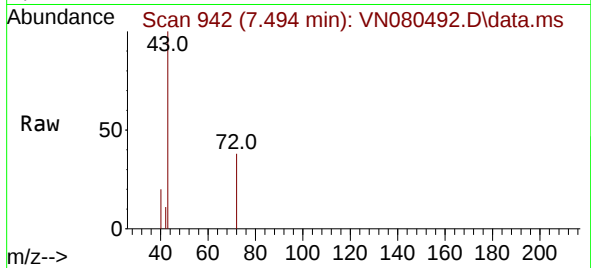




#25
2-Butanone
Concen: 5.541 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080492.D
Acq: 14 Dec 2023 19:01

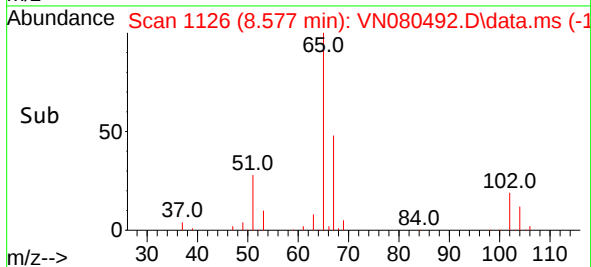
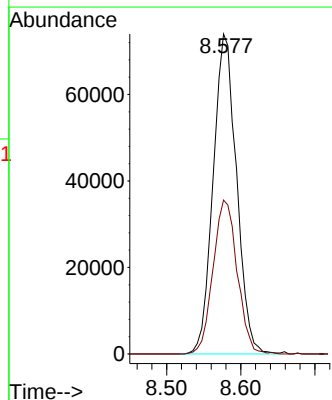
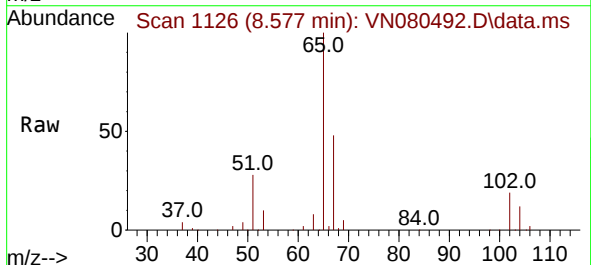
Instrument :
MSVOA_N
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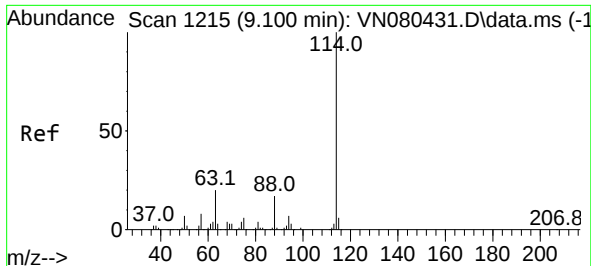
Tgt Ion: 43 Resp: 5640
Ion Ratio Lower Upper
43 100
72 38.1 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 54.303 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080492.D
Acq: 14 Dec 2023 19:01

Tgt Ion: 65 Resp: 161823
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080492.D

Acq: 14 Dec 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

PB157758TB

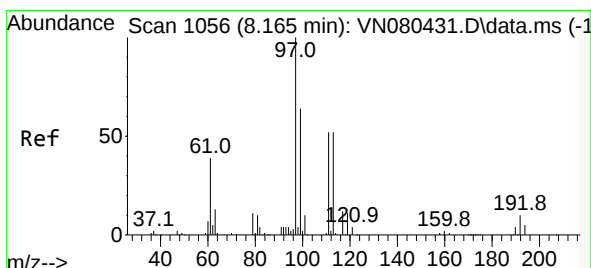
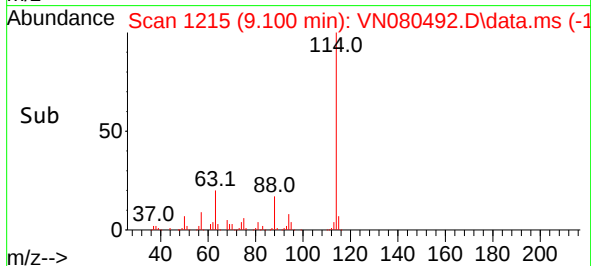
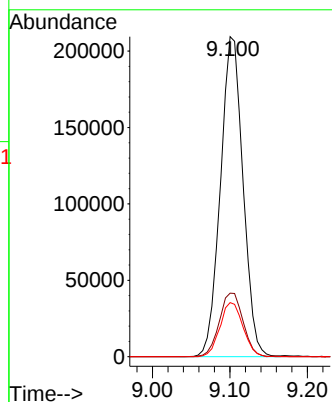
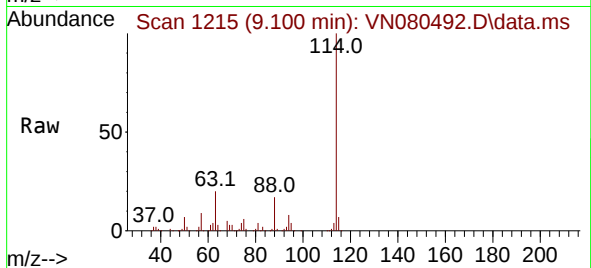
Tgt Ion:114 Resp: 424792

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.053 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080492.D

Acq: 14 Dec 2023 19:01

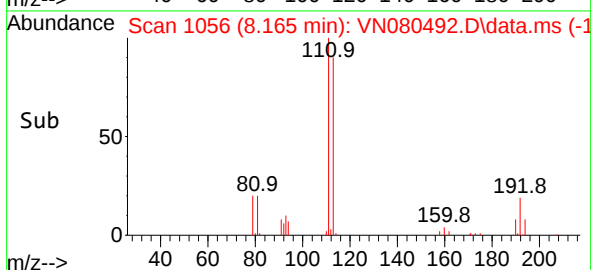
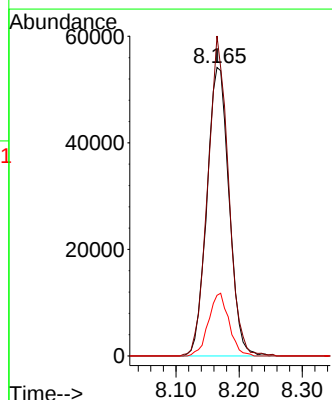
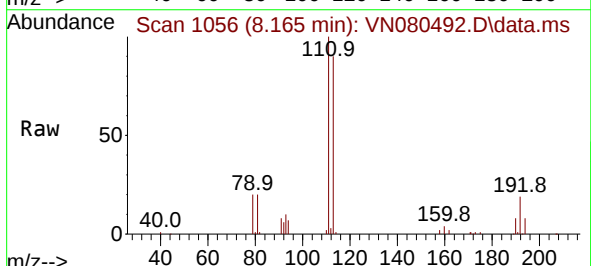
Tgt Ion:113 Resp: 132118

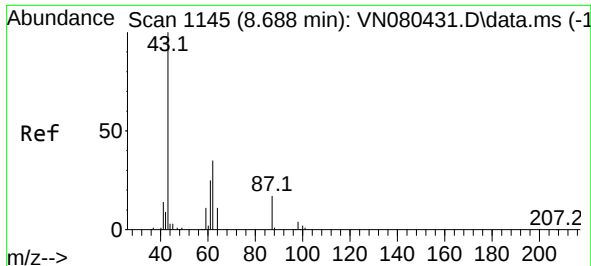
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 20.0 12.7 19.1#

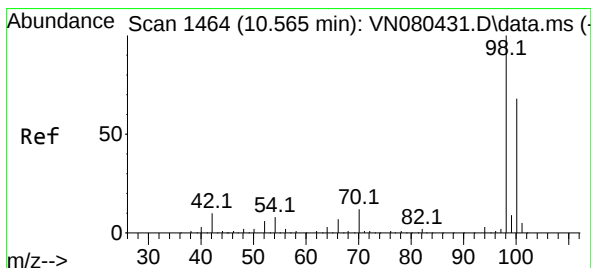
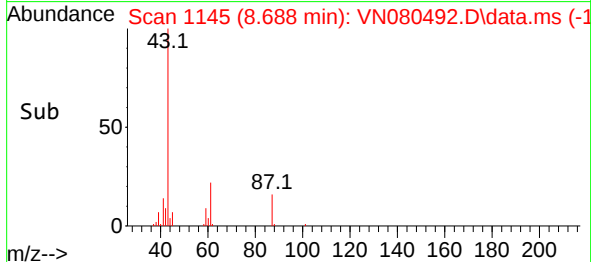
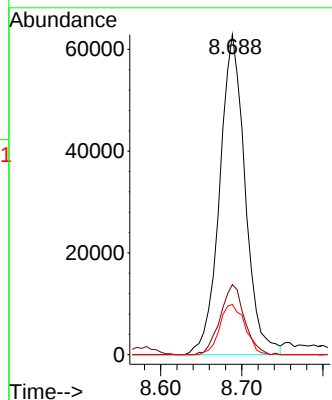
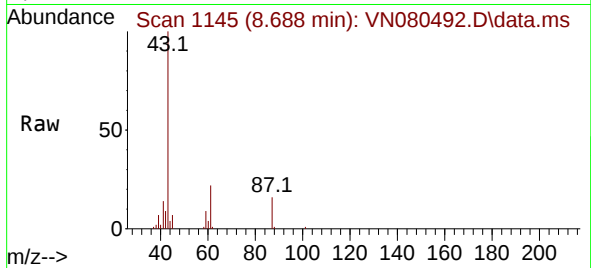




#43
Isopropyl Acetate
Concen: 27.710 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080492.D
Acq: 14 Dec 2023 19:01

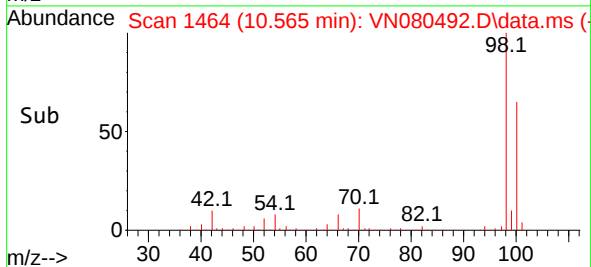
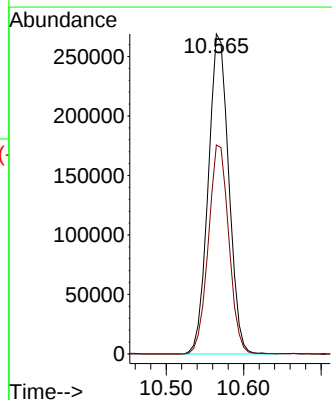
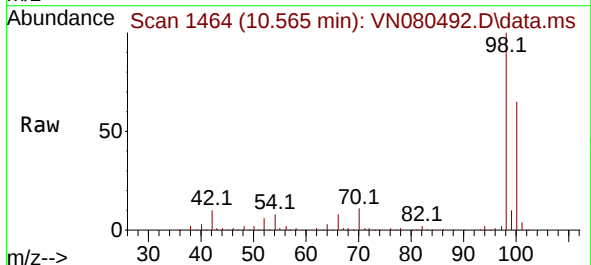
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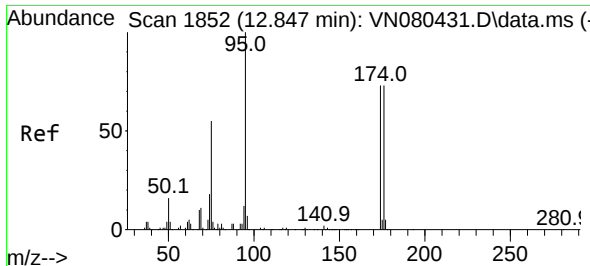
Tgt Ion: 43 Resp: 137394
Ion Ratio Lower Upper
43 100
61 20.8 24.7 37.1#
87 15.6 14.6 21.8



#50
Toluene-d8
Concen: 49.185 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080492.D
Acq: 14 Dec 2023 19:01

Tgt Ion: 98 Resp: 494052
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

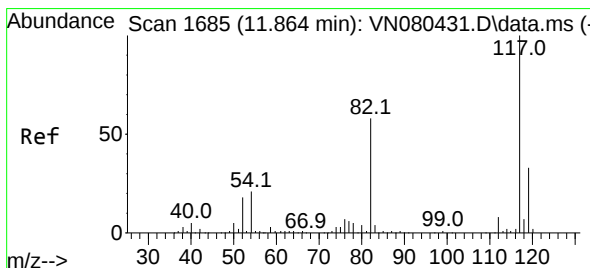
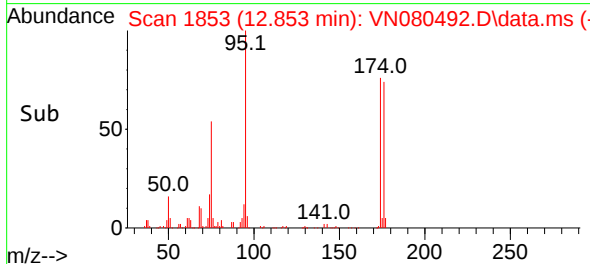
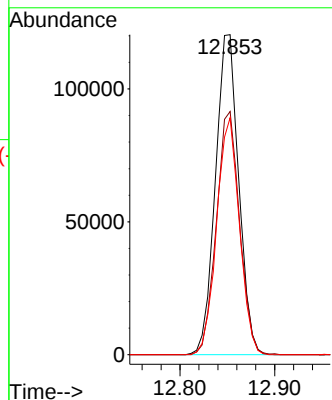
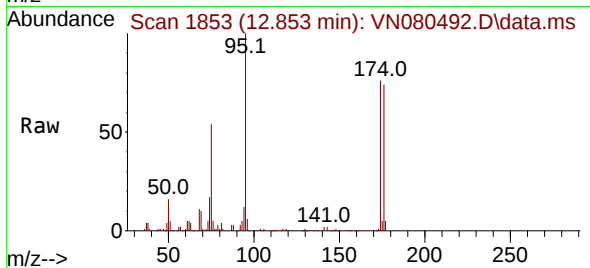




#62
4-Bromofluorobenzene
Concen: 53.941 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080492.D
Acq: 14 Dec 2023 19:01

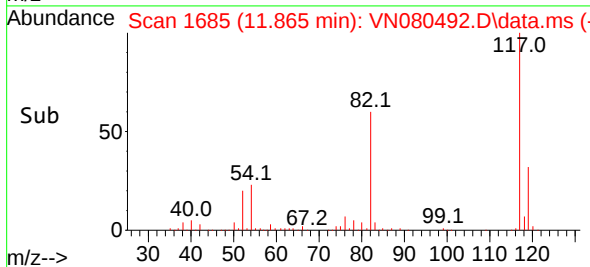
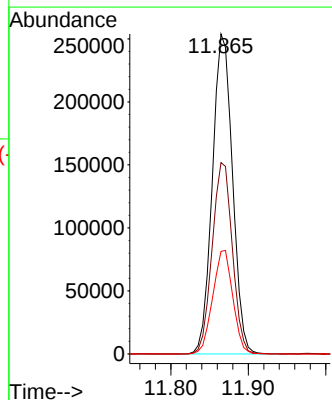
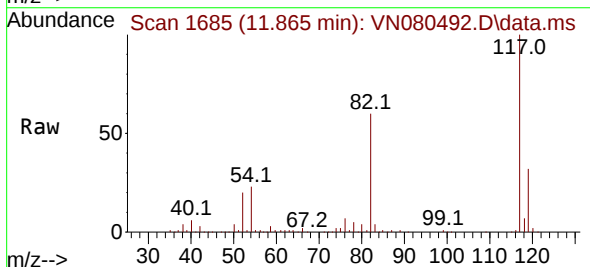
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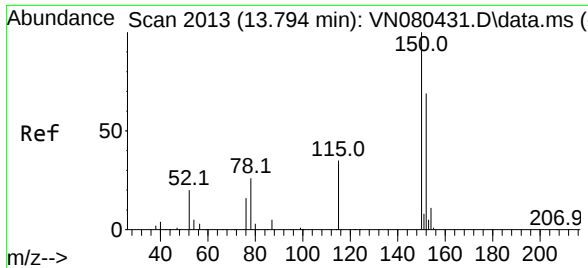
Tgt Ion: 95 Resp: 205746
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080492.D
Acq: 14 Dec 2023 19:01

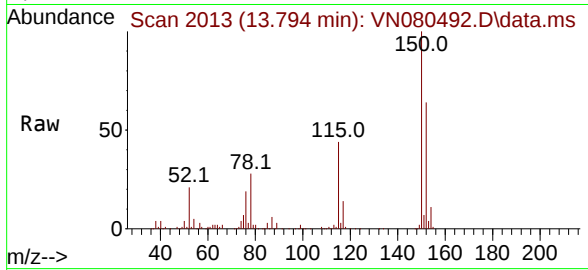
Tgt Ion: 117 Resp: 458048
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080492.D
 Acq: 14 Dec 2023 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157758TB



Tgt Ion:152 Resp: 207497
 Ion Ratio Lower Upper
 152 100
 115 65.5 32.3 96.8
 150 154.7 0.0 355.8

