

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078610.D
 Acq On : 21 Jul 2023 13:47
 Operator : JC\MD
 Sample : 03709-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-072023

Quant Time: Jul 21 23:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

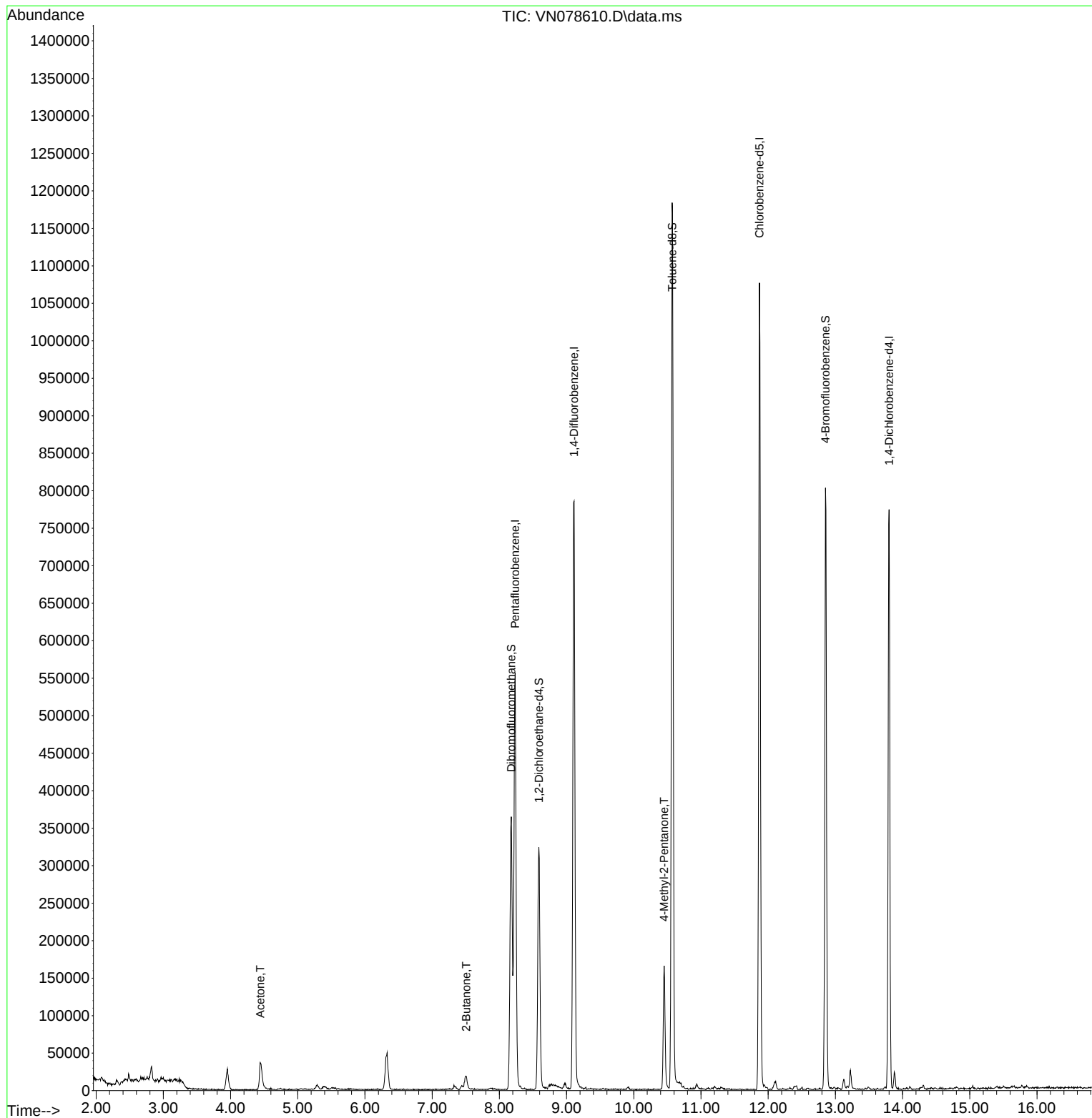
Internal Standards						
1) Pentafluorobenzene	8.235	168	406824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	726344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	656782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265145	48.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.240%
35) Dibromofluoromethane	8.177	113	267424	54.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.480%
50) Toluene-d8	10.571	98	870519	46.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.853	95	279430	48.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.400%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	66277	39.012	ug/l	99
25) 2-Butanone	7.506	43	30235	11.306	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	111899	19.253	ug/l	90

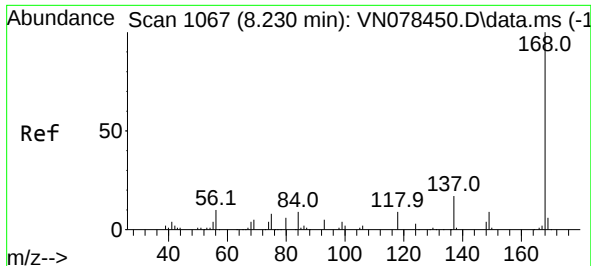
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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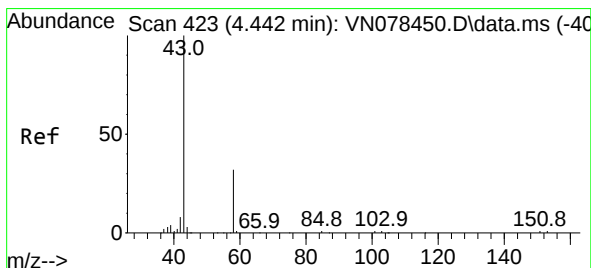
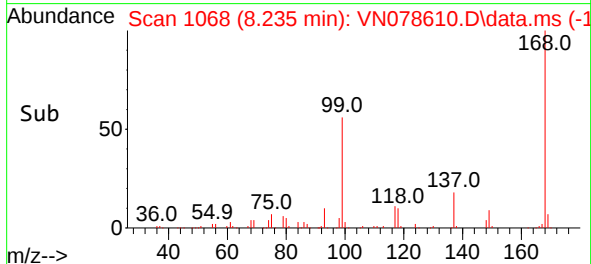
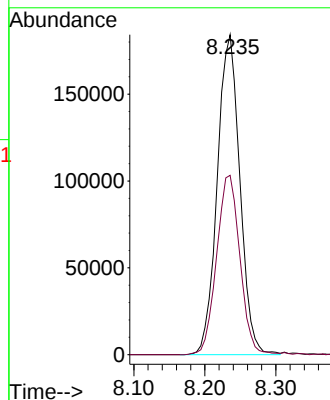
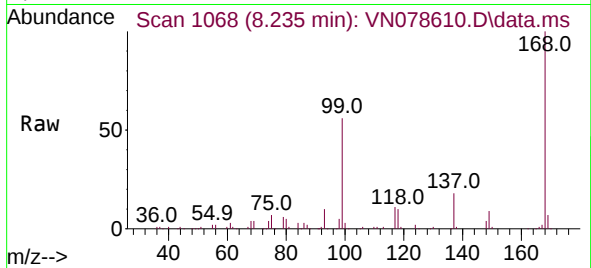




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

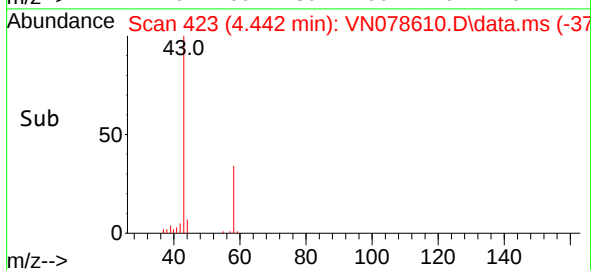
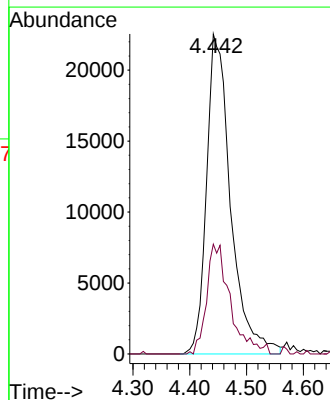
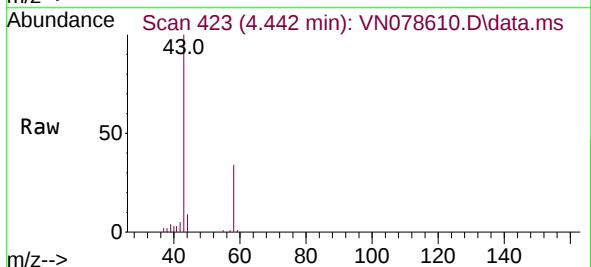
Instrument :
MSVOA_N
ClientSampleId :
EB-01-072023

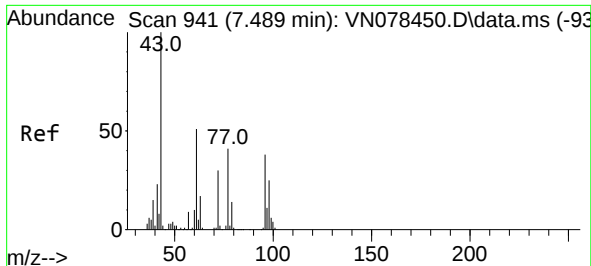
Tgt Ion:168 Resp: 406824
Ion Ratio Lower Upper
168 100
99 56.0 53.0 79.6



#16
Acetone
Concen: 39.012 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

Tgt Ion: 43 Resp: 66277
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0

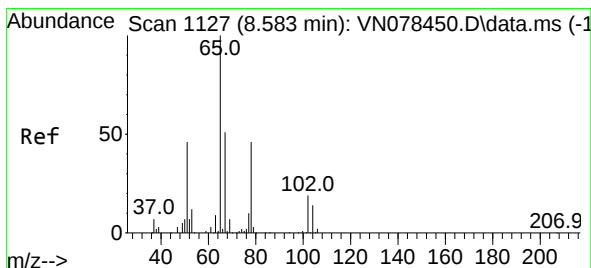
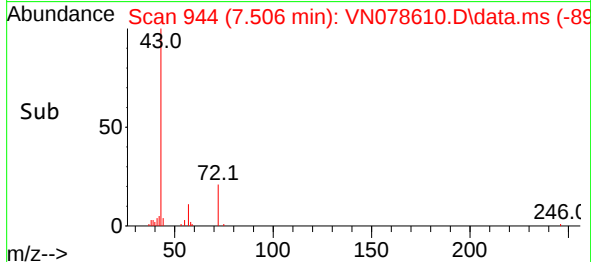
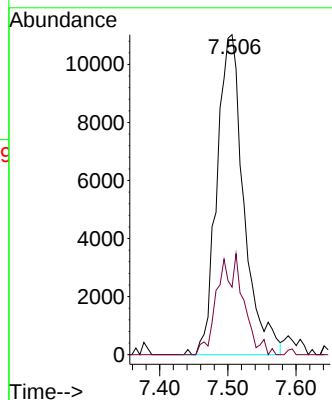
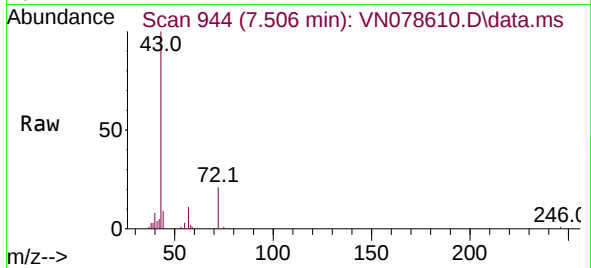




#25
2-Butanone
Concen: 11.306 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

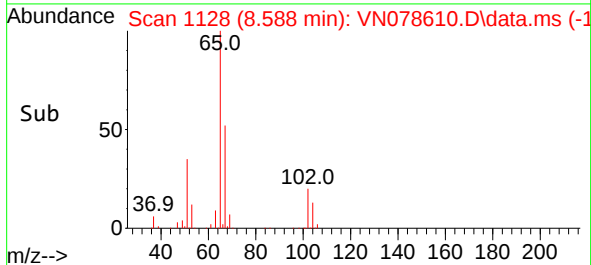
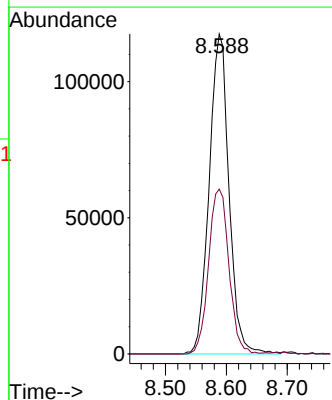
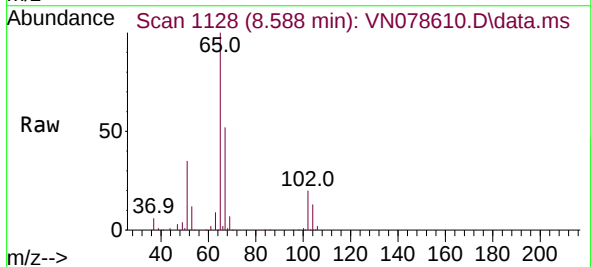
Instrument :
MSVOA_N
ClientSampleId :
EB-01-072023

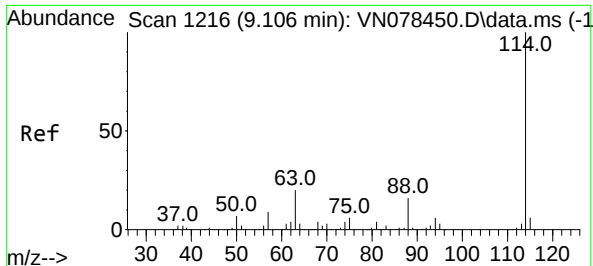
Tgt Ion: 43 Resp: 30235
Ion Ratio Lower Upper
43 100
72 21.1 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 48.616 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

Tgt Ion: 65 Resp: 265145
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078610.D

Acq: 21 Jul 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

EB-01-072023

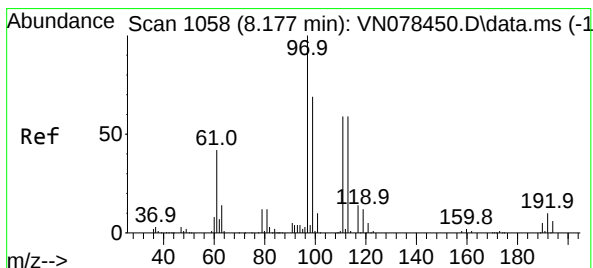
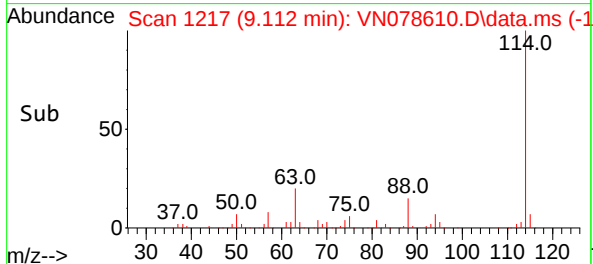
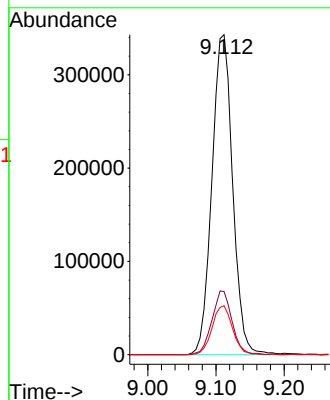
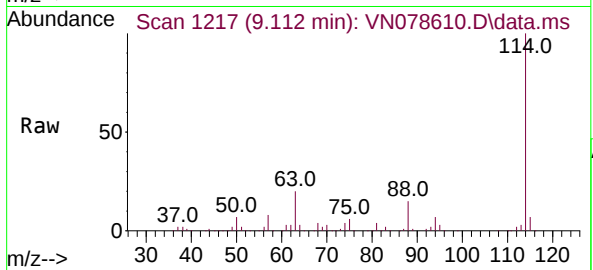
Tgt Ion:114 Resp: 726344

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.237 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078610.D

Acq: 21 Jul 2023 13:47

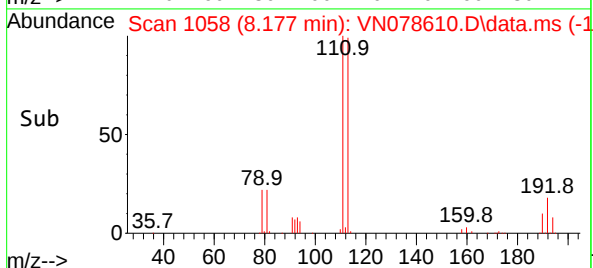
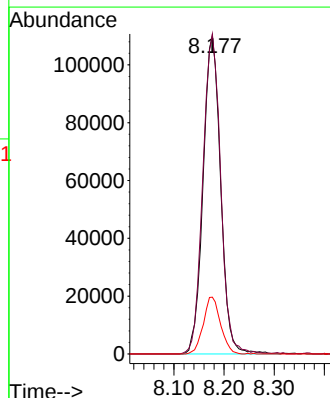
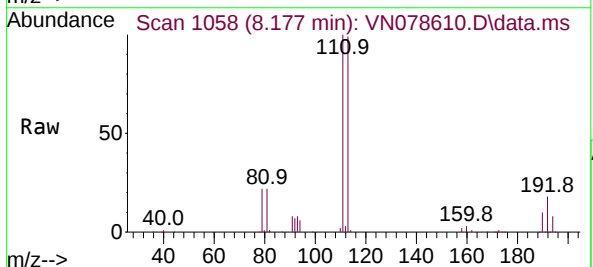
Tgt Ion:113 Resp: 267424

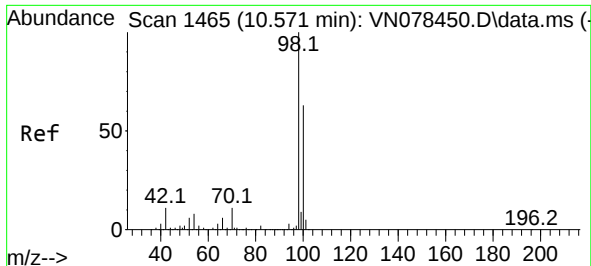
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.6 12.7 19.1

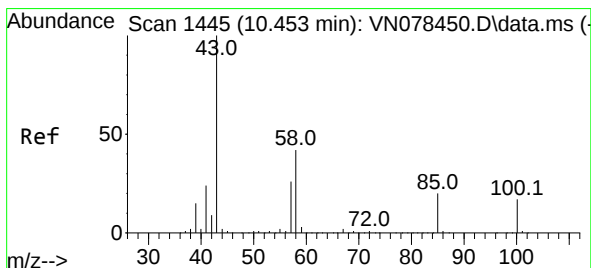
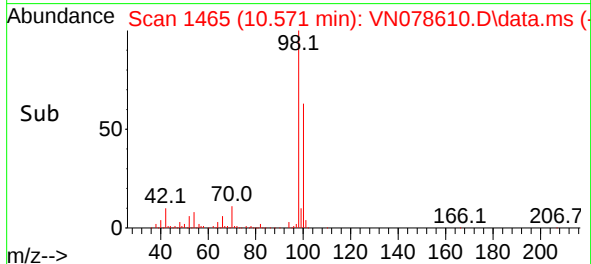
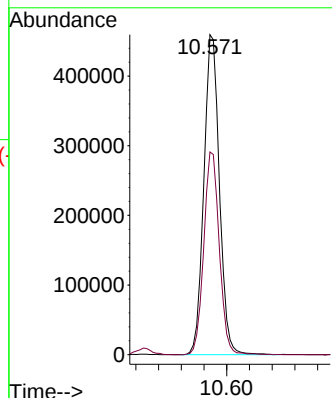
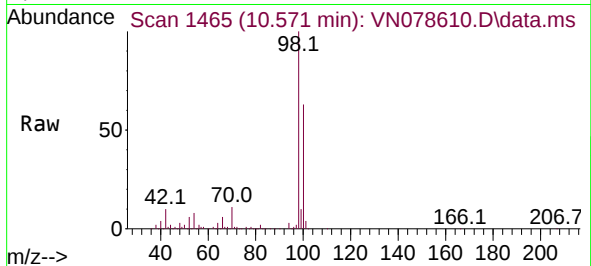




#50
Toluene-d8
Concen: 46.735 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

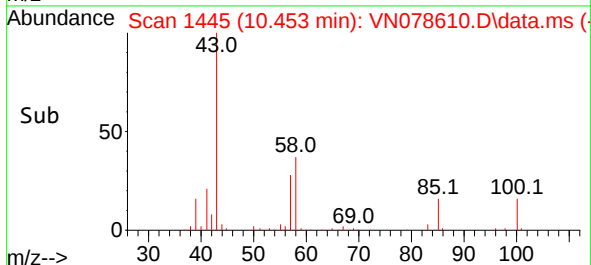
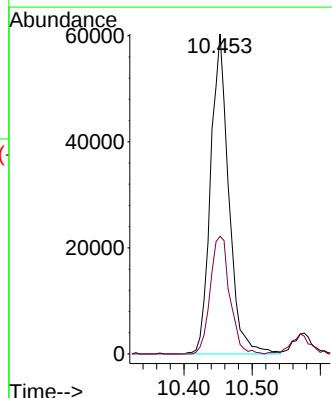
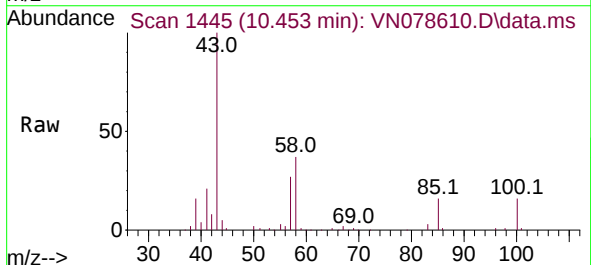
Instrument :
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EB-01-072023

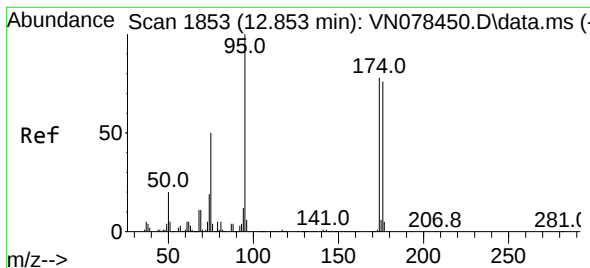
Tgt Ion: 98 Resp: 870519
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 19.253 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

Tgt Ion: 43 Resp: 111899
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8

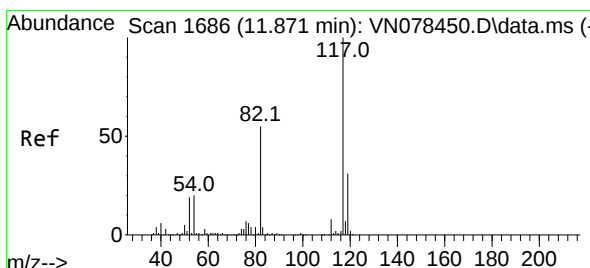
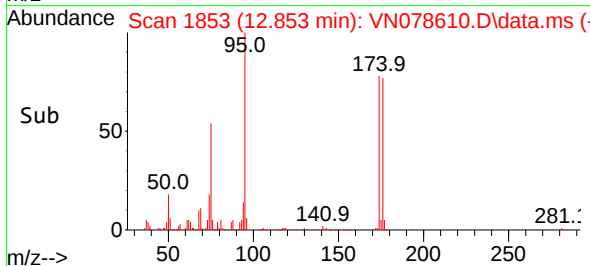
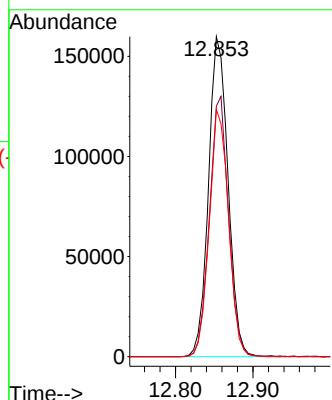
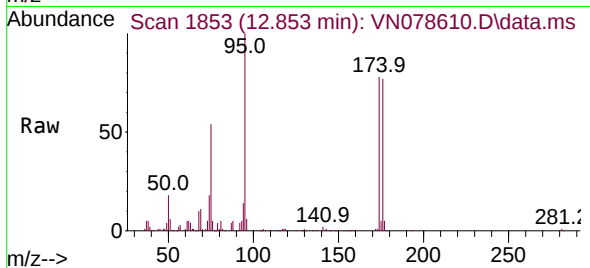




#62
4-Bromofluorobenzene
Concen: 48.704 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

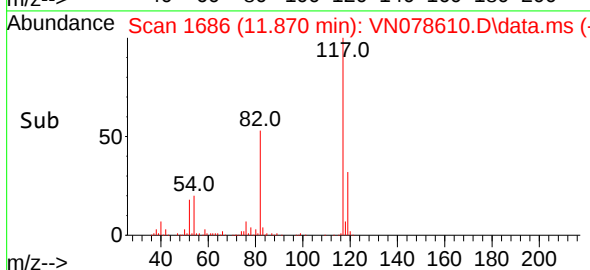
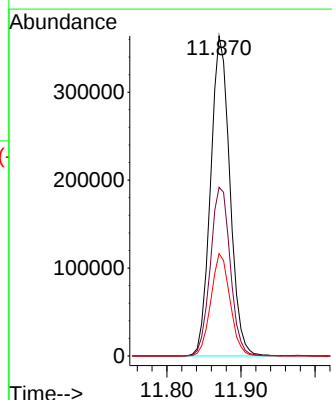
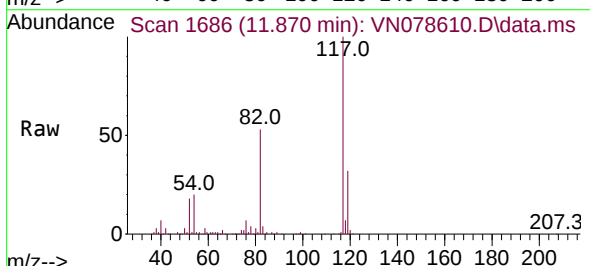
Instrument :
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EB-01-072023

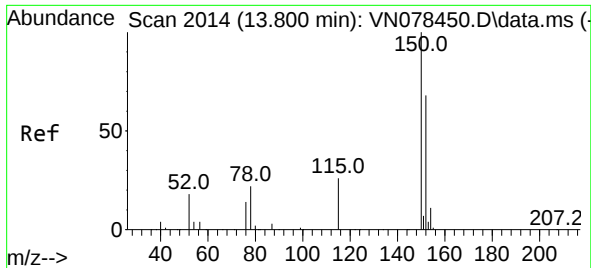
Tgt Ion: 95 Resp: 279430
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 76.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078610.D
Acq: 21 Jul 2023 13:47

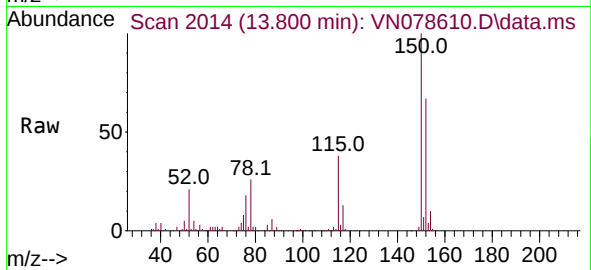
Tgt Ion: 117 Resp: 656782
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078610.D
 Acq: 21 Jul 2023 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-072023



Tgt Ion:152 Resp: 218598
 Ion Ratio Lower Upper
 152 100
 115 60.2 32.3 96.8
 150 156.0 0.0 355.8

