

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078525.D
 Acq On : 14 Jul 2023 16:24
 Operator : JC\MD
 Sample : 03632-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 15 04:04:10 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)

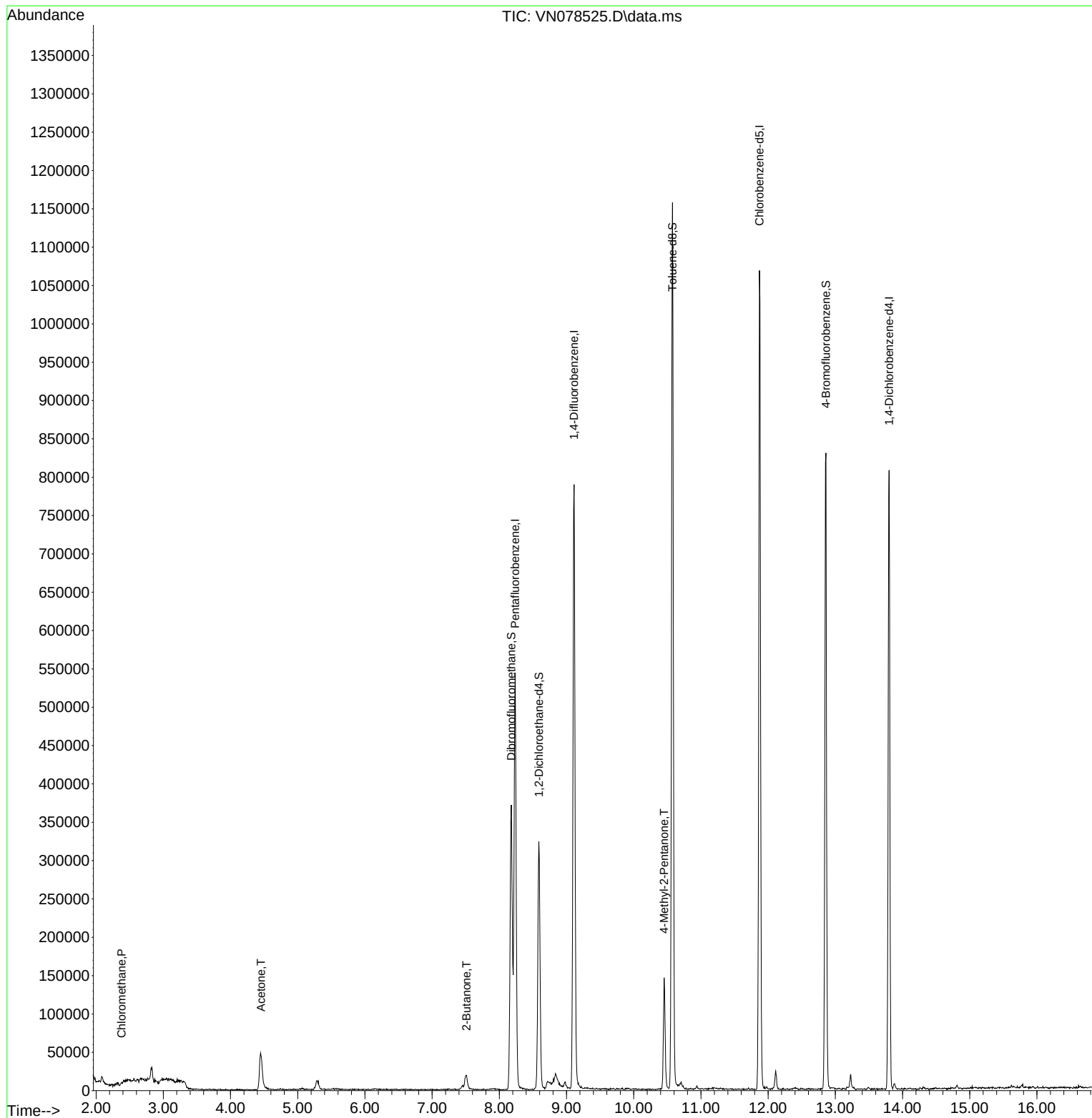
Internal Standards						
1) Pentafluorobenzene	8.236	168	386005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	711037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	652236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264666	51.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.300%
35) Dibromofluoromethane	8.177	113	271239	56.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.400%
50) Toluene-d8	10.577	98	830757	45.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.859	95	285815	50.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%
Target Compounds						
						Qvalue
3) Chloromethane	2.377	50	2073	0.403	ug/l	94
16) Acetone	4.453	43	92078	57.122	ug/l	89
25) 2-Butanone	7.512	43	33448	13.182	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	92183	16.203	ug/l	90

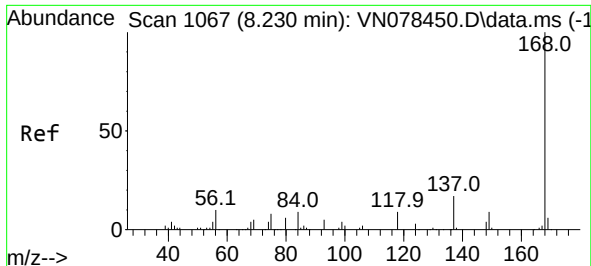
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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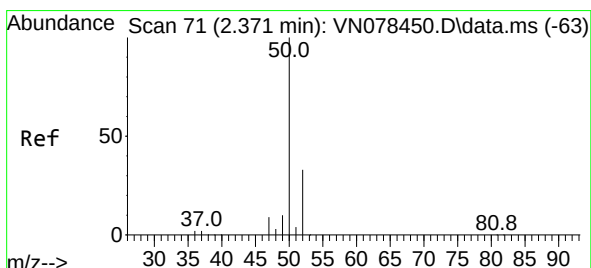
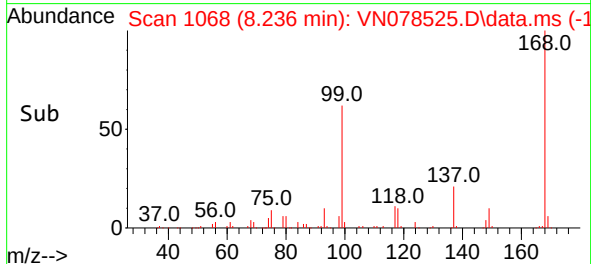
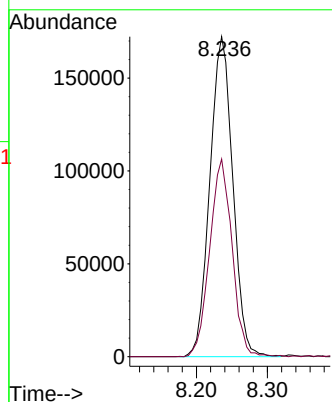
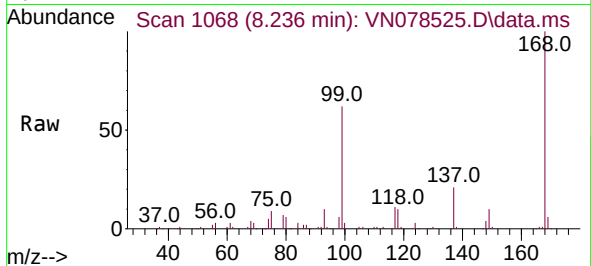




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

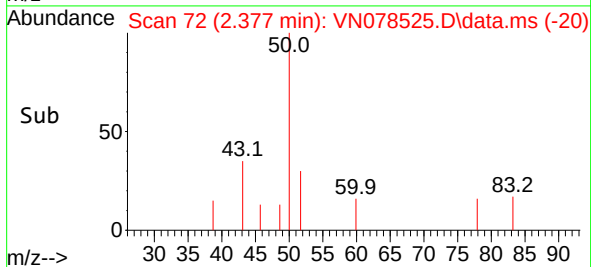
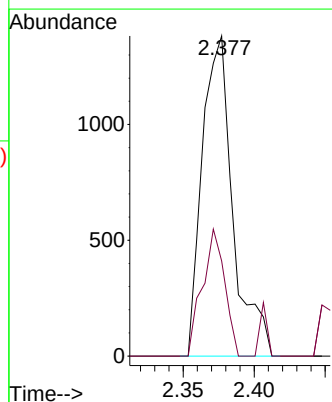
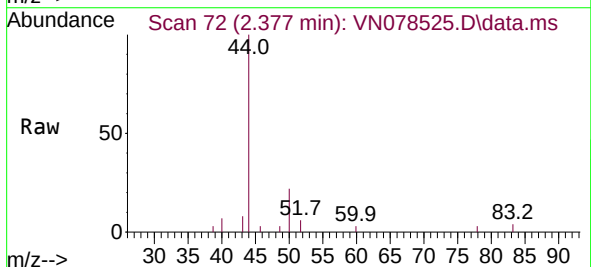
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

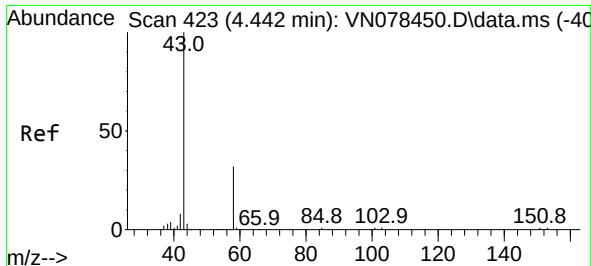
Tgt Ion:168 Resp: 386005
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#3
Chloromethane
Concen: 0.403 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 50 Resp: 2073
Ion Ratio Lower Upper
50 100
52 29.7 26.5 39.7





#16

Acetone

Concen: 57.122 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN078525.D

Acq: 14 Jul 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

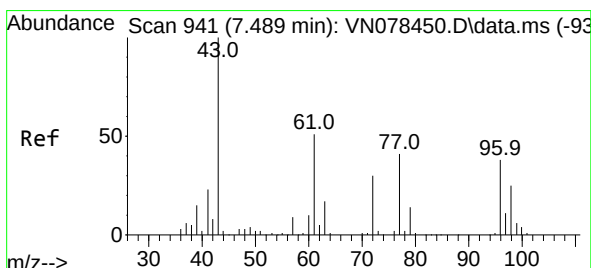
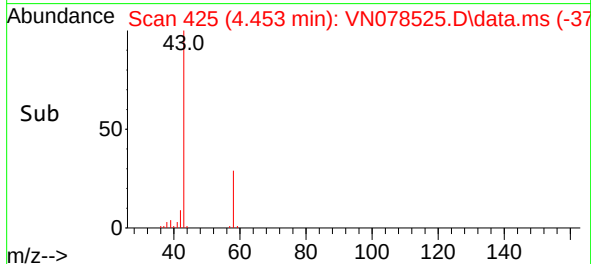
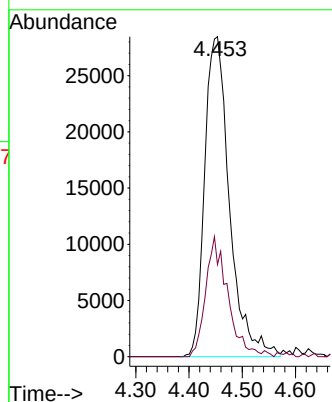
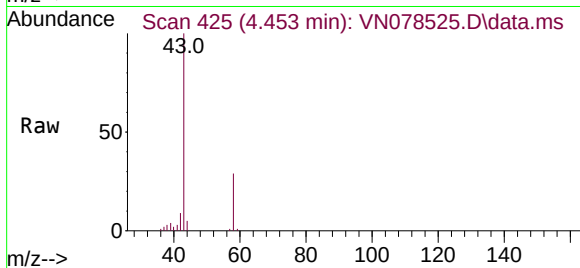
RINSATE-BLANK

Tgt Ion: 43 Resp: 92078

Ion Ratio Lower Upper

43 100

58 28.8 28.0 42.0



#25

2-Butanone

Concen: 13.182 ug/l

RT: 7.512 min Scan# 945

Delta R.T. 0.023 min

Lab File: VN078525.D

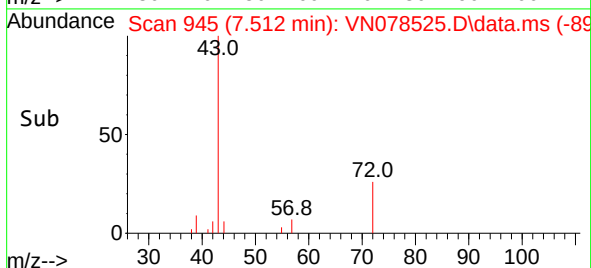
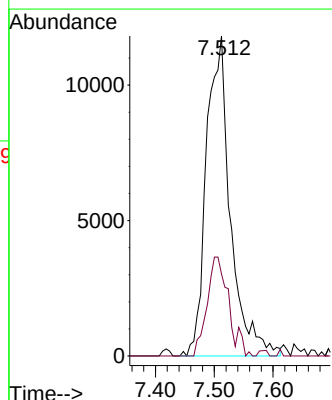
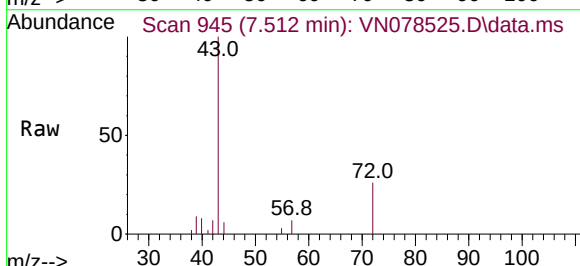
Acq: 14 Jul 2023 16:24

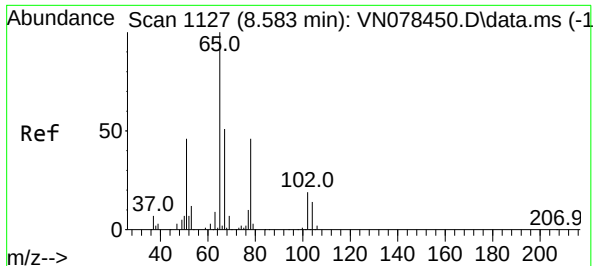
Tgt Ion: 43 Resp: 33448

Ion Ratio Lower Upper

43 100

72 25.7 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.145 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078525.D

Acq: 14 Jul 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

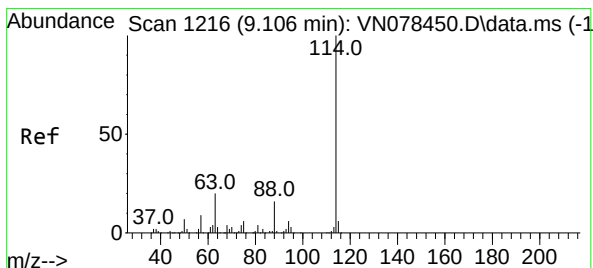
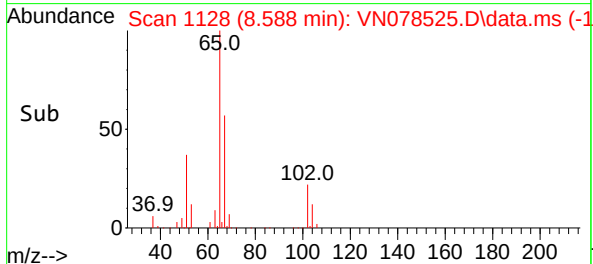
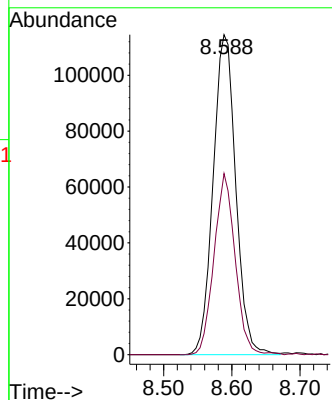
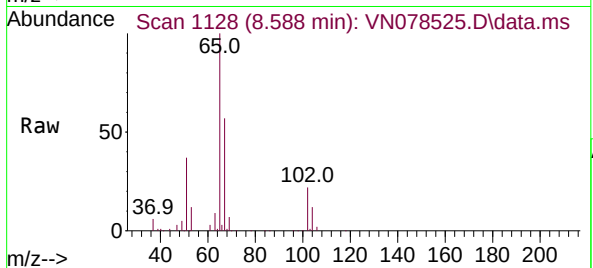
RINSATE-BLANK

Tgt Ion: 65 Resp: 264666

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078525.D

Acq: 14 Jul 2023 16:24

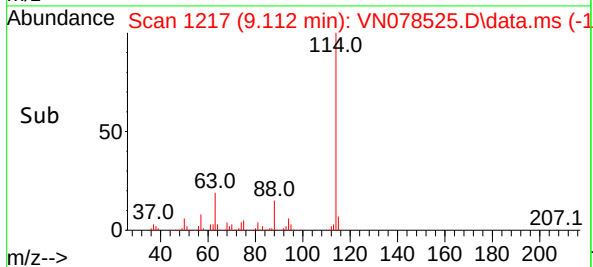
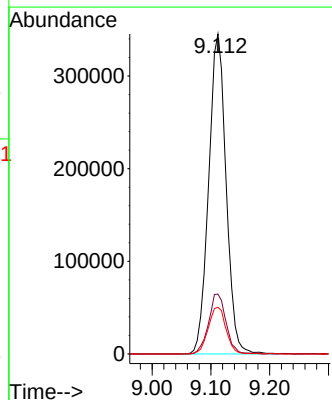
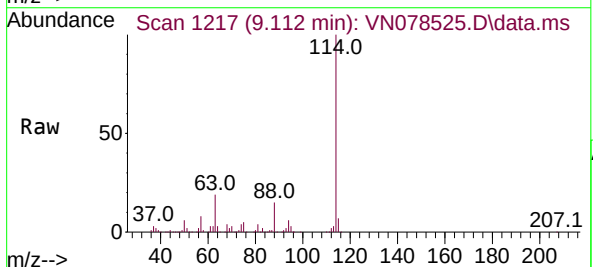
Tgt Ion: 114 Resp: 711037

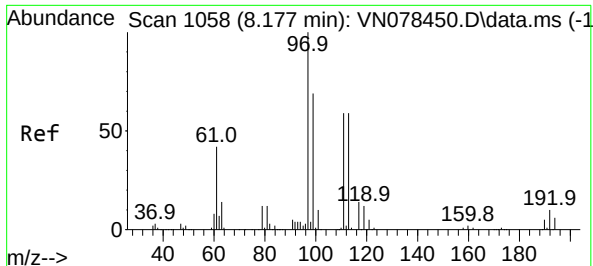
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.195 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078525.D

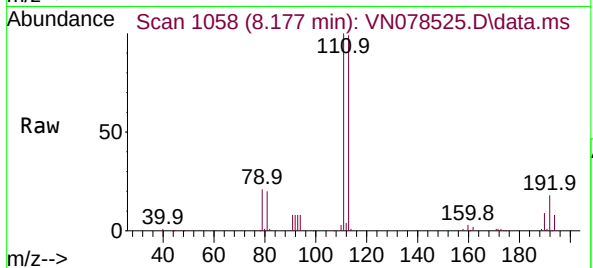
Acq: 14 Jul 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

RINSATE-BLANK



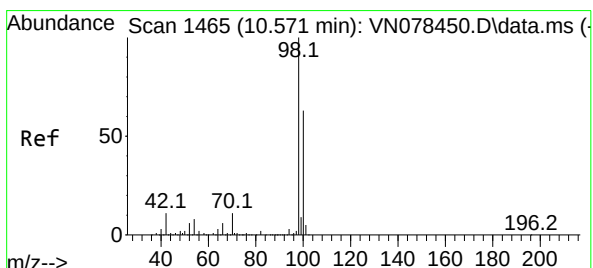
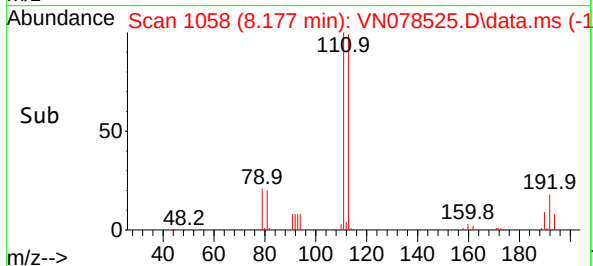
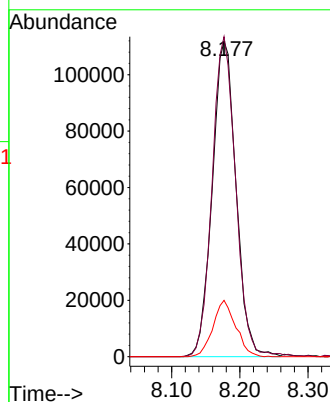
Tgt Ion:113 Resp: 271239

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 17.1 12.7 19.1



#50

Toluene-d8

Concen: 45.561 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078525.D

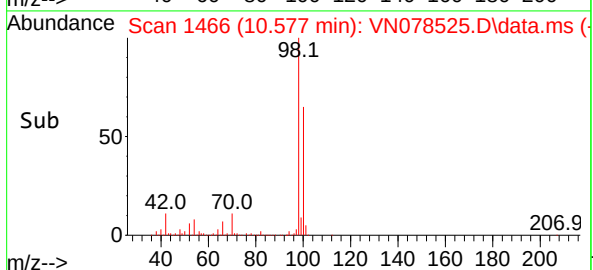
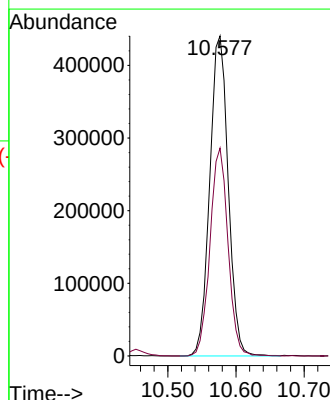
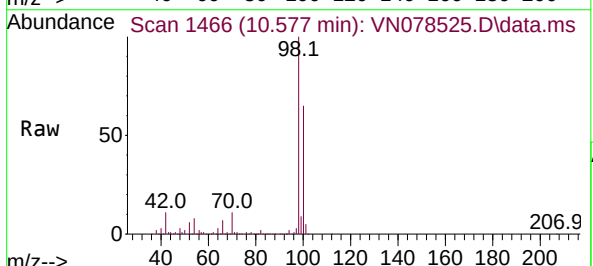
Acq: 14 Jul 2023 16:24

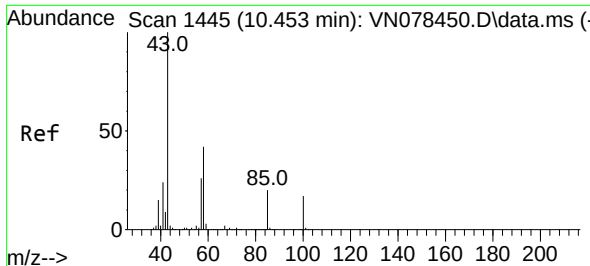
Tgt Ion: 98 Resp: 830757

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

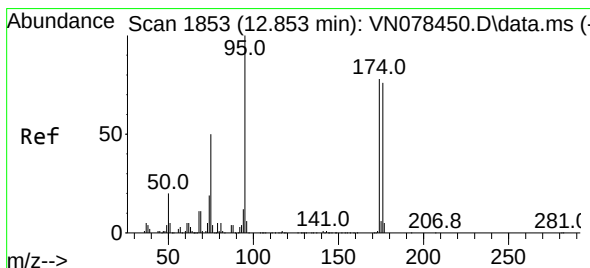
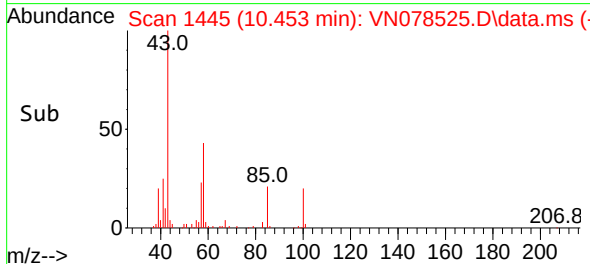
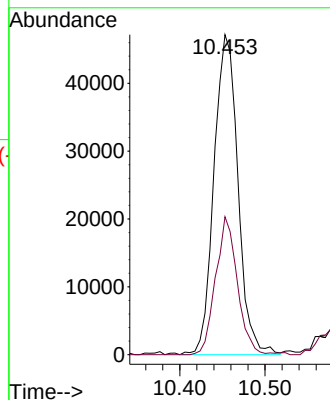
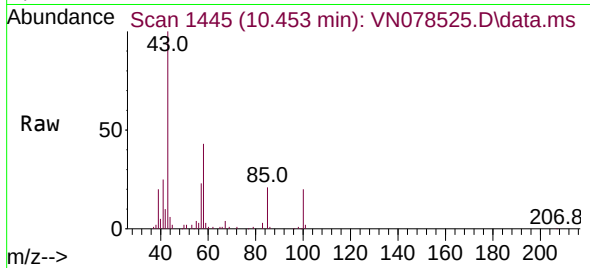




#51
4-Methyl-2-Pentanone
Concen: 16.203 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

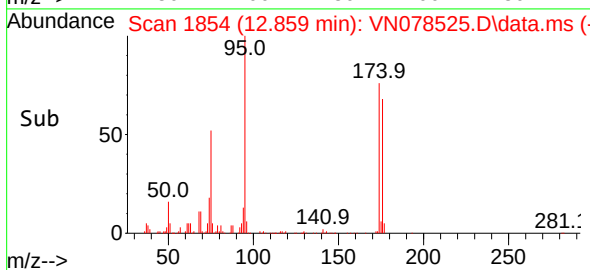
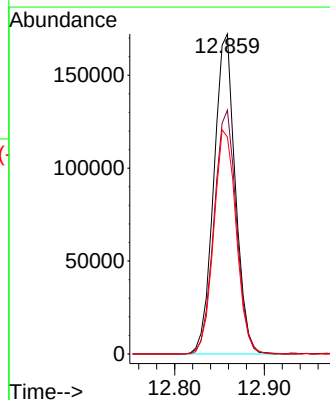
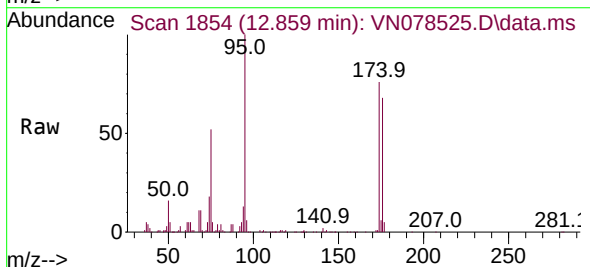
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

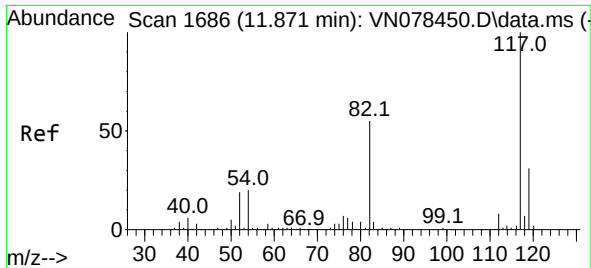
Tgt Ion: 43 Resp: 92183
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 95 Resp: 285815
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 73.4 0.0 135.8

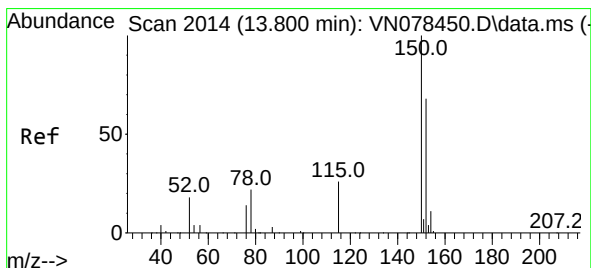
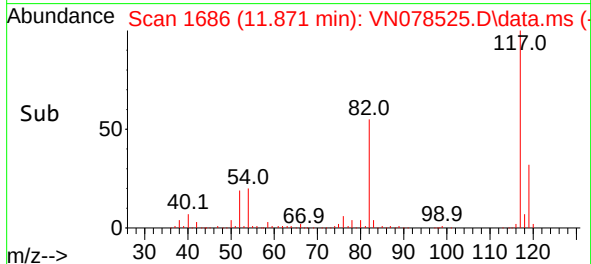
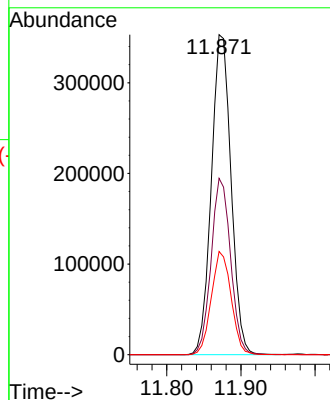
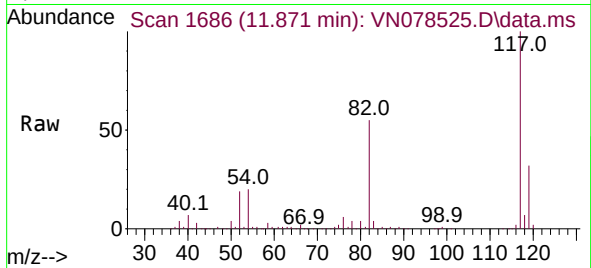




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

Tgt Ion:117 Resp: 652236
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion:152 Resp: 222298
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 157.5 0.0 355.8

