

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012428.D
 Acq On : 31 Jan 2023 18:19
 Operator : KP/MD
 Sample : 01366-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-013023

Quant Time: Feb 01 01:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

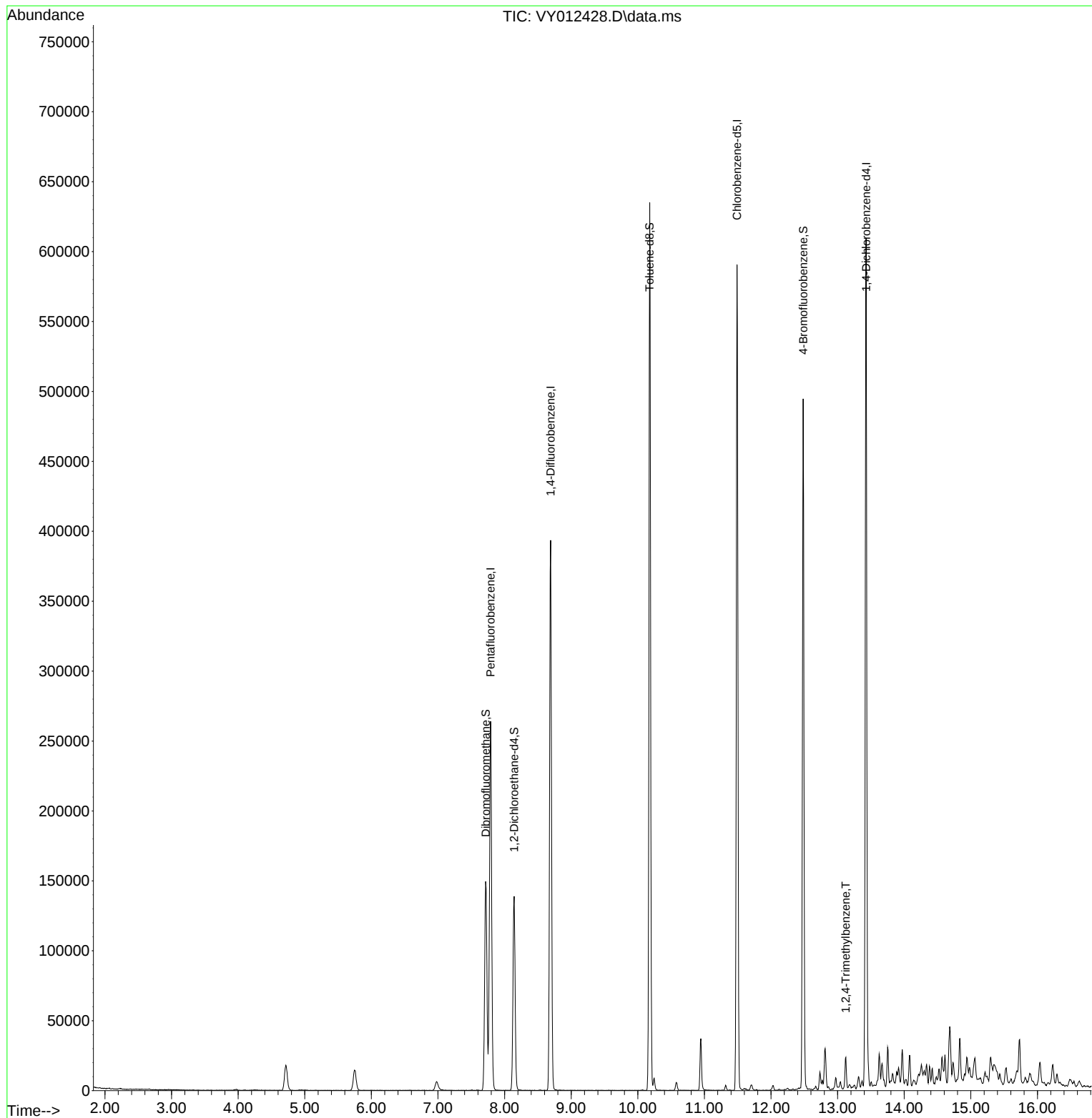
Internal Standards						
1) Pentafluorobenzene	7.789	168	211994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114633	66.537	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	133.080%	
35) Dibromofluoromethane	7.716	113	104912	55.835	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.680%	
50) Toluene-d8	10.179	98	422185	66.258	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	132.520%	
62) 4-Bromofluorobenzene	12.483	95	143229	54.074	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.140%	
Target Compounds						Qvalue
84) 1,2,4-Trimethylbenzene	13.123	105	12739	1.255	ug/l	100

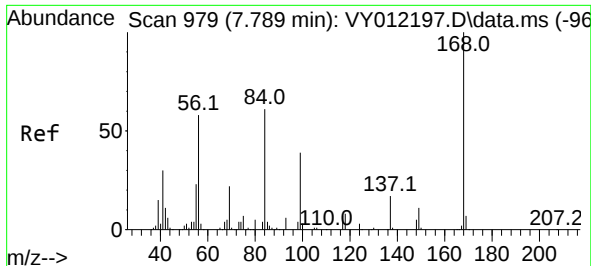
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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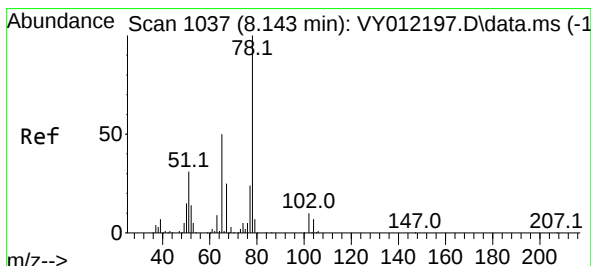
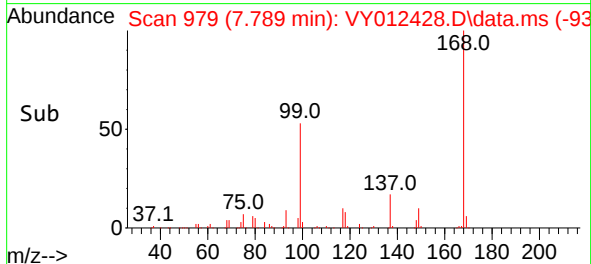
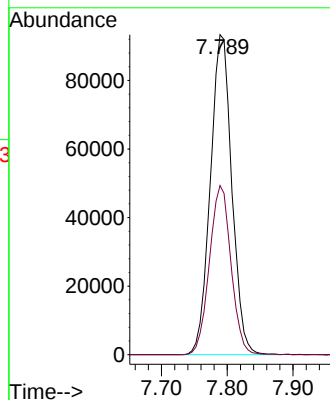
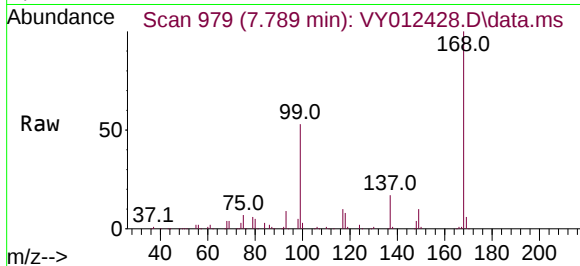




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

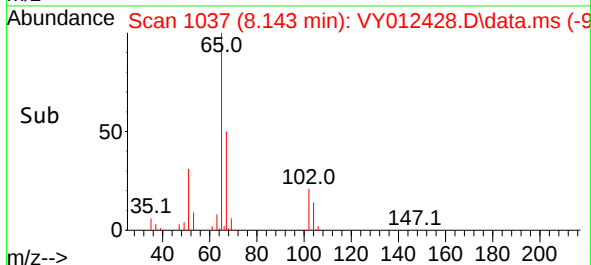
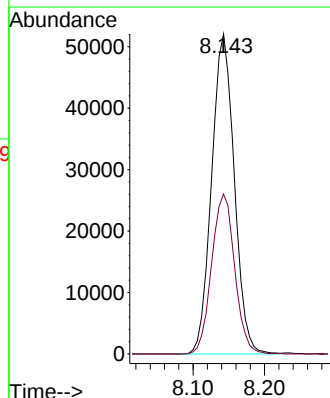
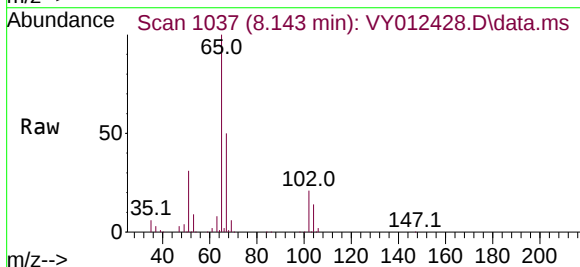
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

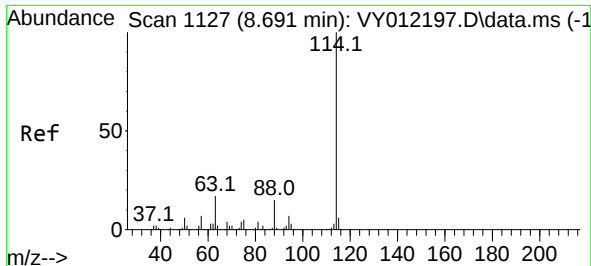
Tgt Ion:168 Resp: 211994
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 66.537 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion: 65 Resp: 114633
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-013023

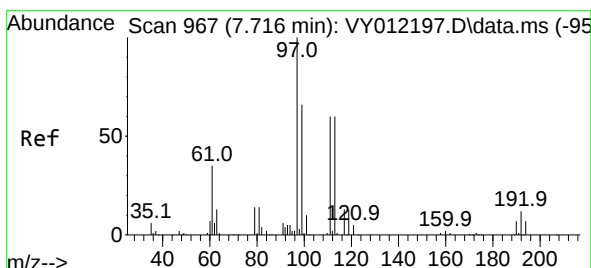
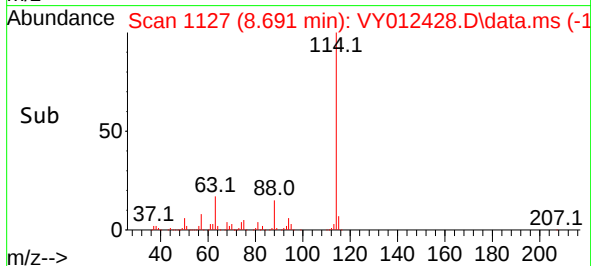
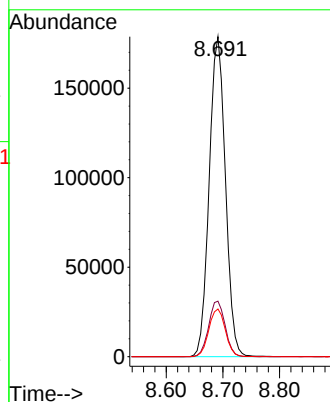
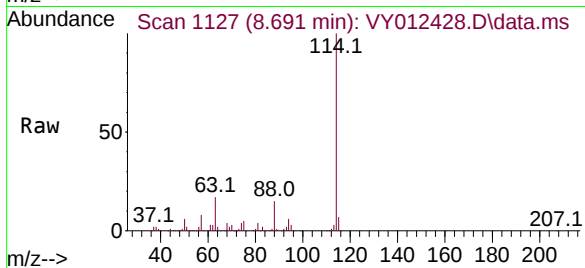
Tgt Ion:114 Resp: 354856

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.835 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

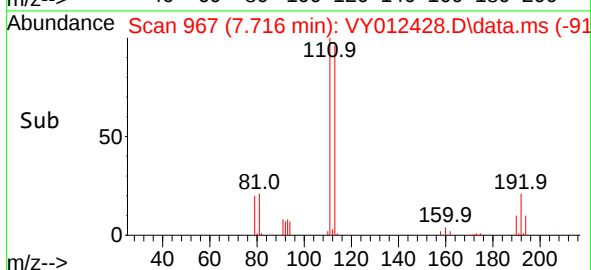
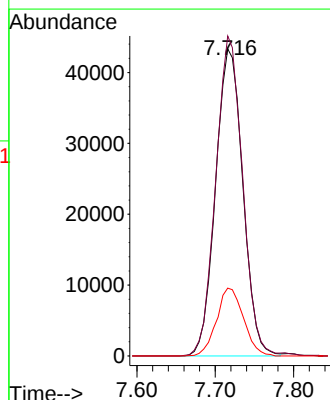
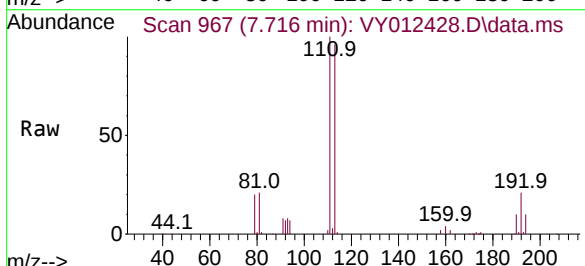
Tgt Ion:113 Resp: 104912

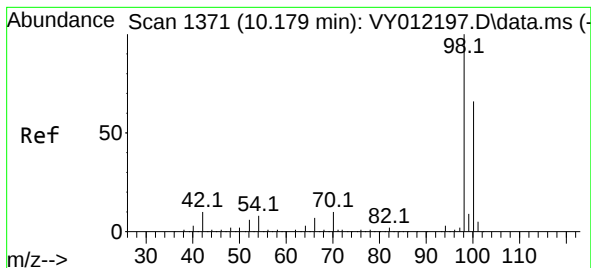
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.8 16.0 24.0





#50

Toluene-d8

Concen: 66.258 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

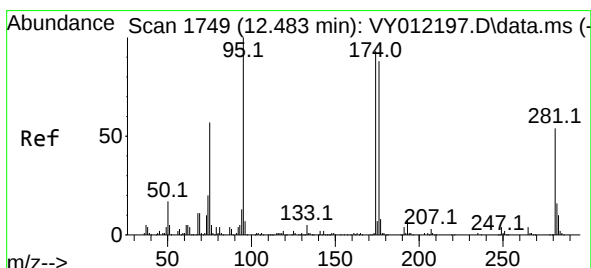
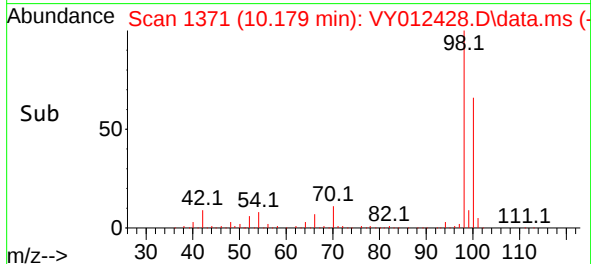
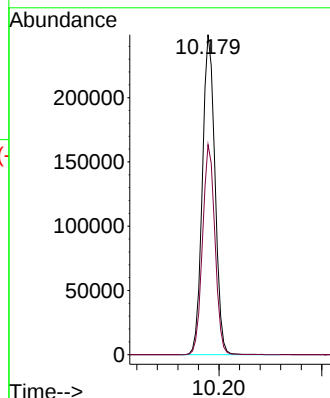
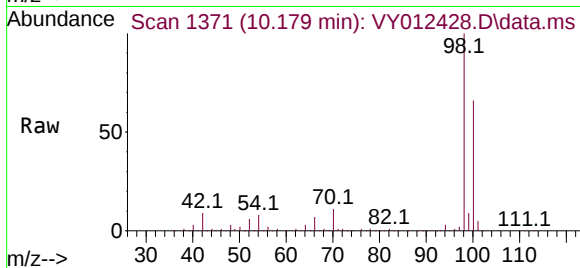
NB-07-013023

Tgt Ion: 98 Resp: 422185

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.074 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

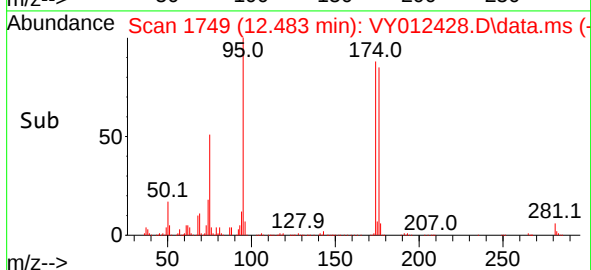
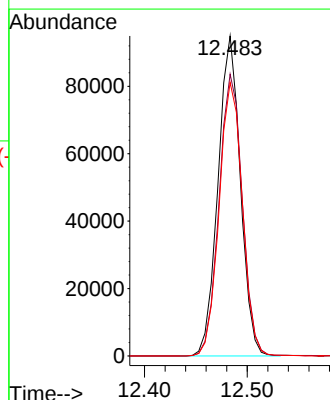
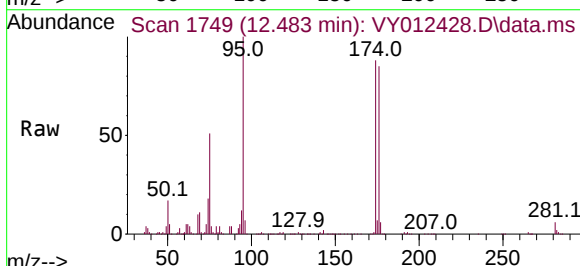
Tgt Ion: 95 Resp: 143229

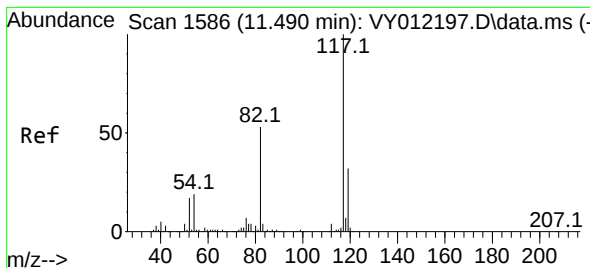
Ion Ratio Lower Upper

95 100

174 91.8 0.0 172.0

176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-013023

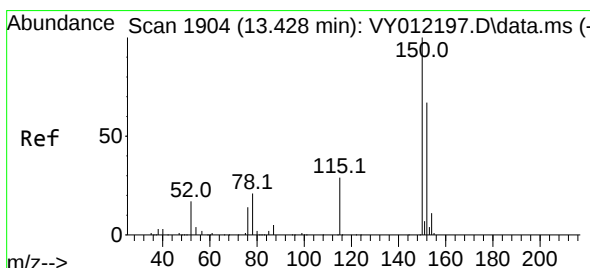
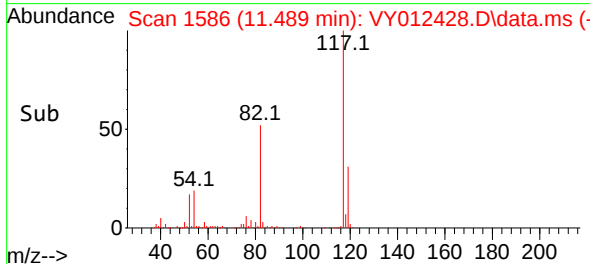
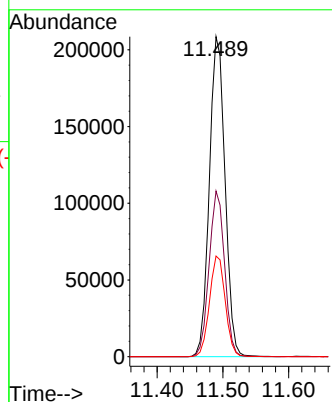
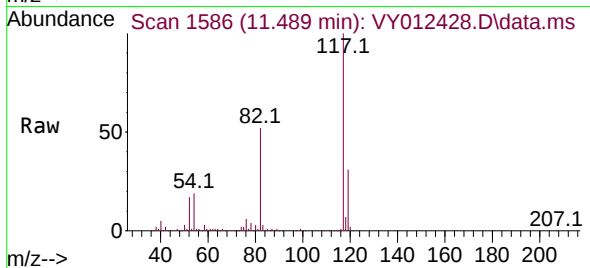
Tgt Ion:117 Resp: 346252

Ion Ratio Lower Upper

117 100

82 51.8 44.8 67.2

119 31.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

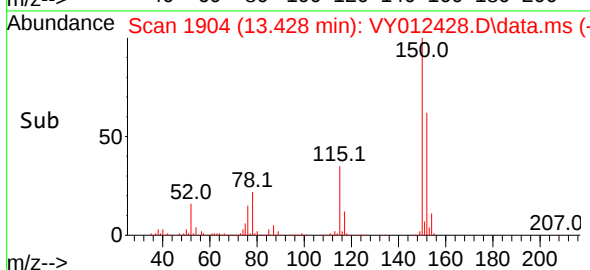
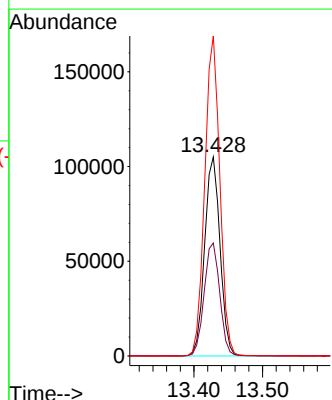
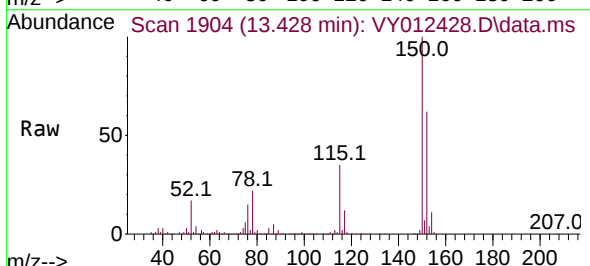
Tgt Ion:152 Resp: 164165

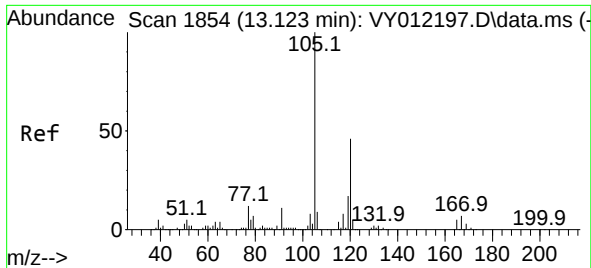
Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 157.6 0.0 342.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.255 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY012428.D
 Acq: 31 Jan 2023 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-013023

Tgt Ion:105 Resp: 12739
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7

