

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017438.D
 Acq On : 21 Feb 2024 15:18
 Operator : SY/MD
 Sample : P1537-05
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Feb 22 03:26:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	20162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	30043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	23788	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	6678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7119	41.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.660%
35) Dibromofluoromethane	7.728	113	8254	46.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.197	98	24489	35.905	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.820%
62) 4-Bromofluorobenzene	12.495	95	5005	22.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.940%

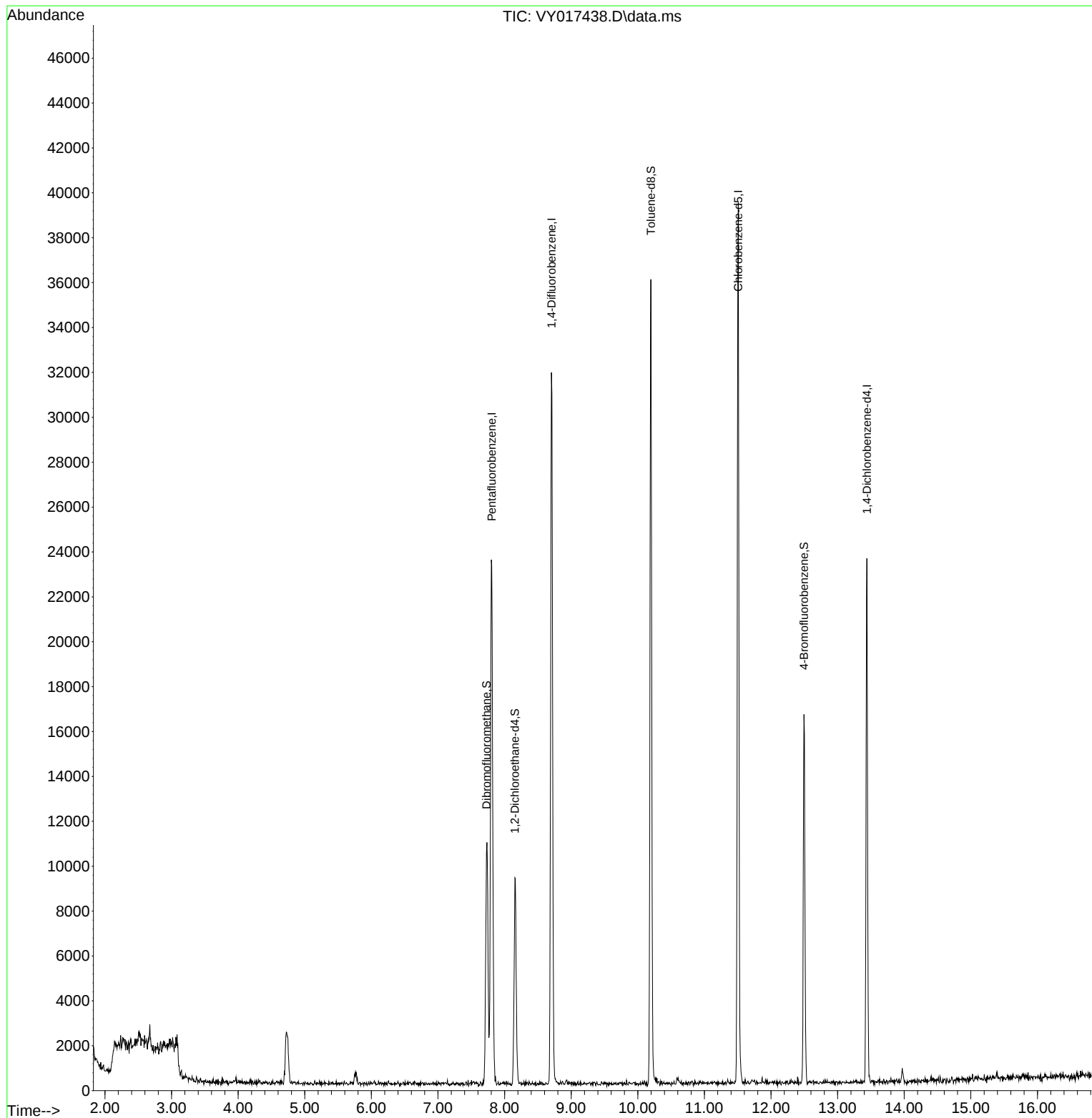
Target Compounds	Qvalue

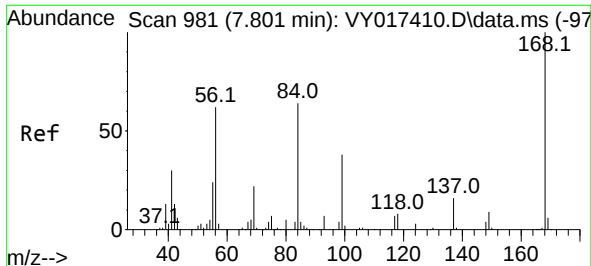
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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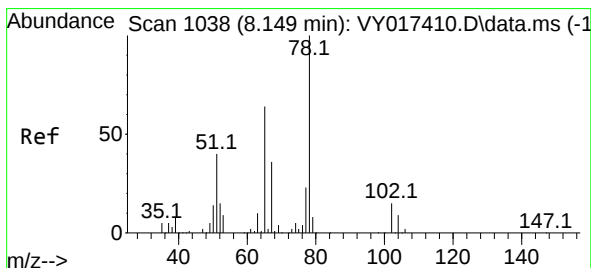
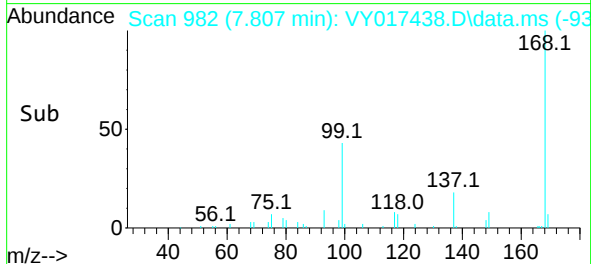
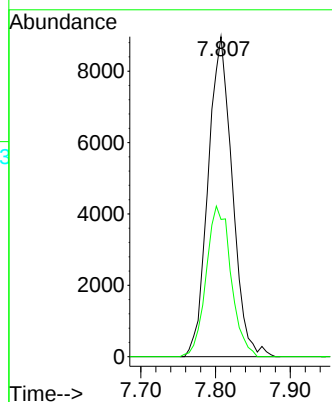
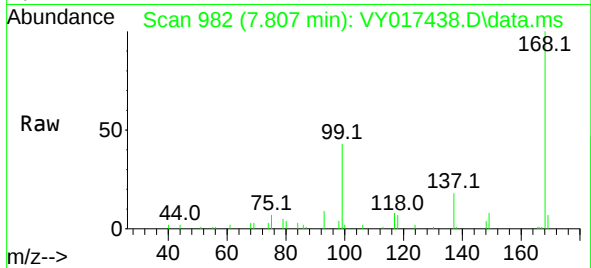




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017438.D
Acq: 21 Feb 2024 15:18

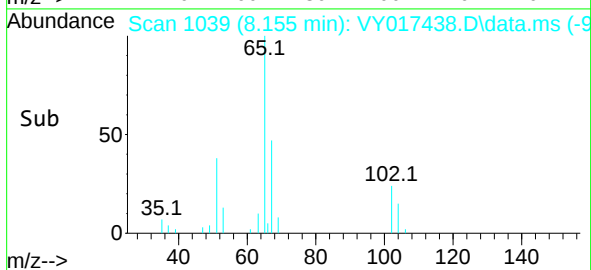
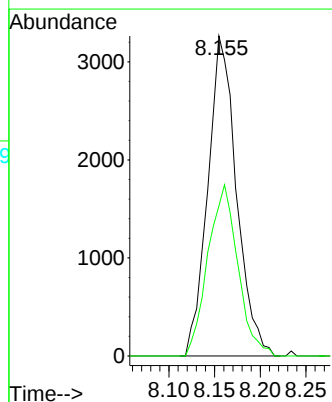
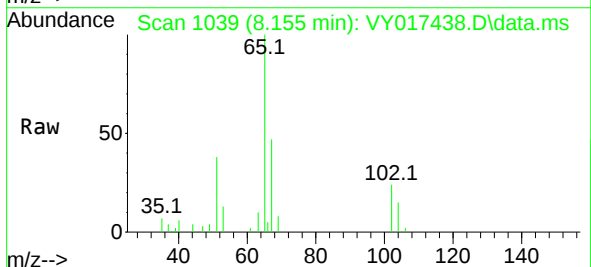
Instrument :
MSVOA_Y
ClientSampleId :
5

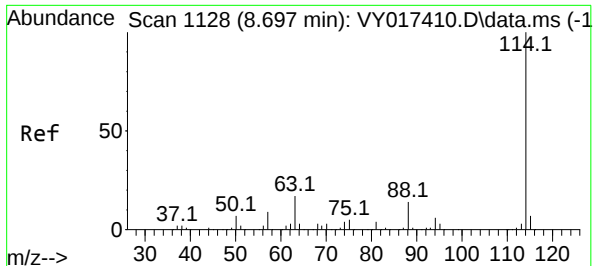
Tgt Ion:168 Resp: 20162
Ion Ratio Lower Upper
168 100
99 42.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.331 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017438.D
Acq: 21 Feb 2024 15:18

Tgt Ion: 65 Resp: 7119
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017438.D

Acq: 21 Feb 2024 15:18

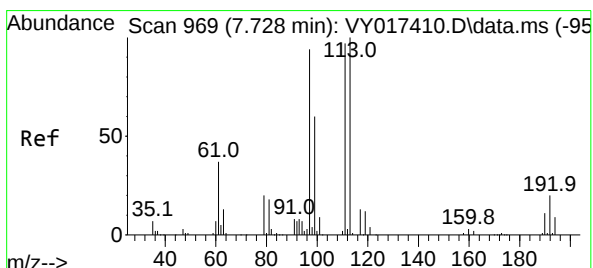
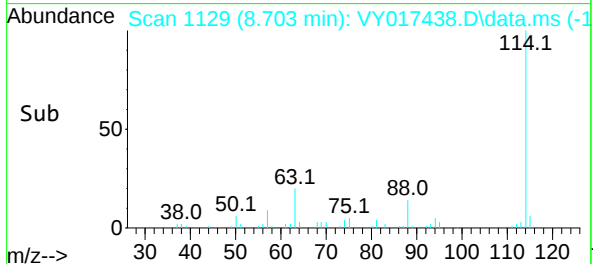
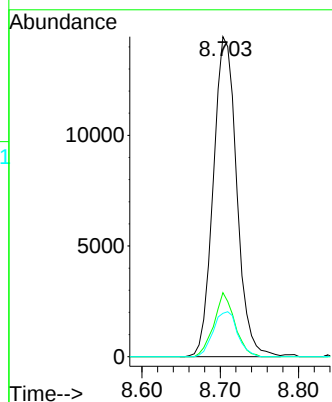
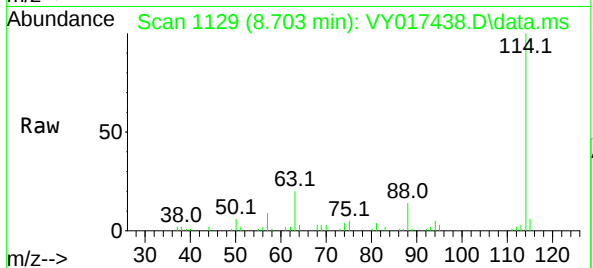
Instrument :

MSVOA_Y

ClientSampleId :

5

Tgt Ion:114	Resp:	30043
Ion Ratio	Lower	Upper
114	100	
63	20.0	0.0 35.0
88	13.6	0.0 27.2



#35

Dibromofluoromethane

Concen: 46.935 ug/l

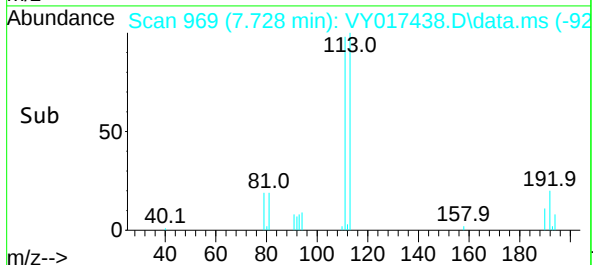
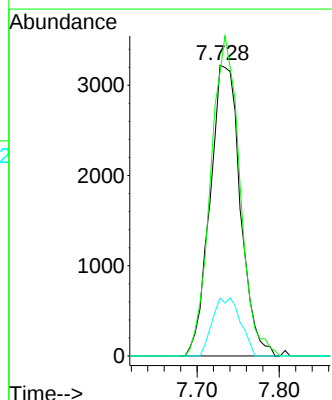
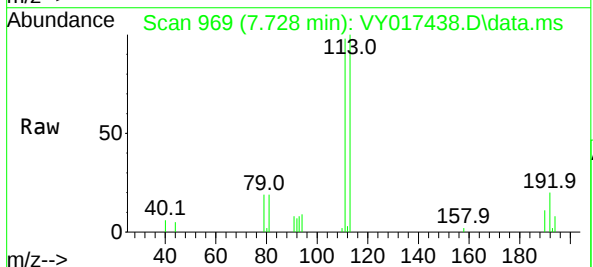
RT: 7.728 min Scan# 969

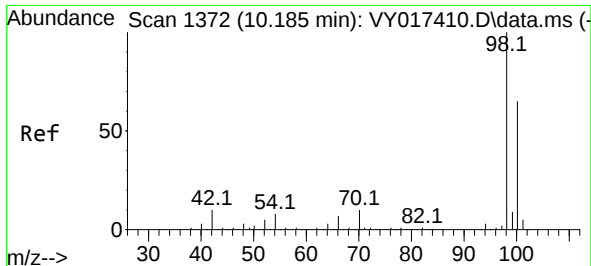
Delta R.T. -0.000 min

Lab File: VY017438.D

Acq: 21 Feb 2024 15:18

Tgt Ion:113	Resp:	8254
Ion Ratio	Lower	Upper
113	100	
111	105.8	82.2 123.4
192	18.4	15.9 23.9

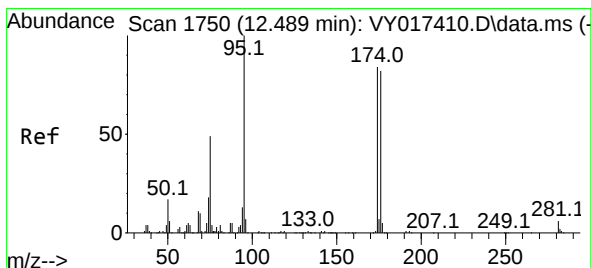
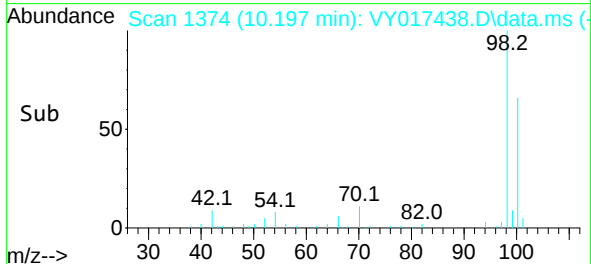
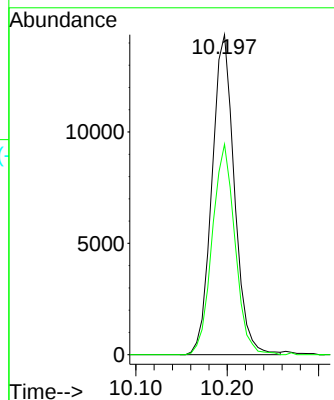
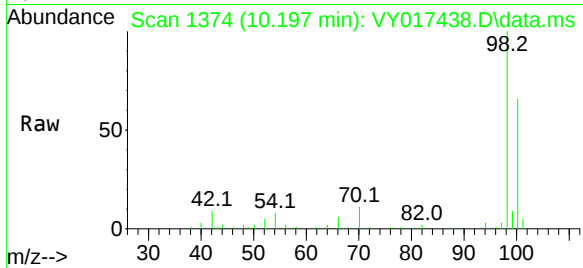




#50
Toluene-d8
Concen: 35.905 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017438.D
Acq: 21 Feb 2024 15:18

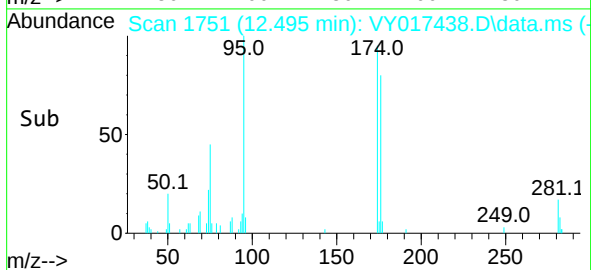
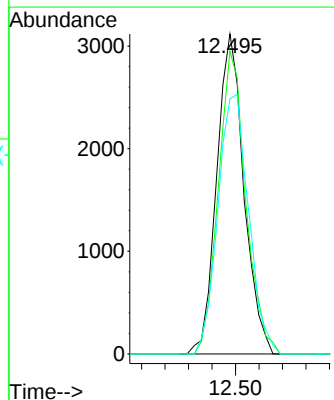
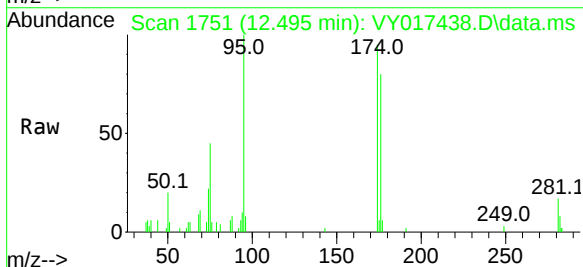
Instrument :
MSVOA_Y
ClientSampleId :
5

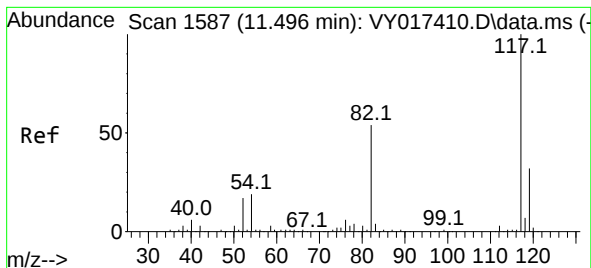
Tgt Ion: 98 Resp: 24489
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.970 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017438.D
Acq: 21 Feb 2024 15:18

Tgt Ion: 95 Resp: 5005
Ion Ratio Lower Upper
95 100
174 95.6 0.0 175.6
176 91.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017438.D

Acq: 21 Feb 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

5

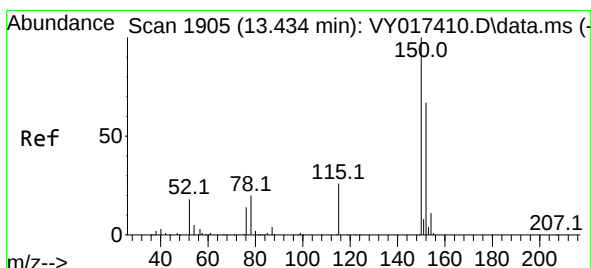
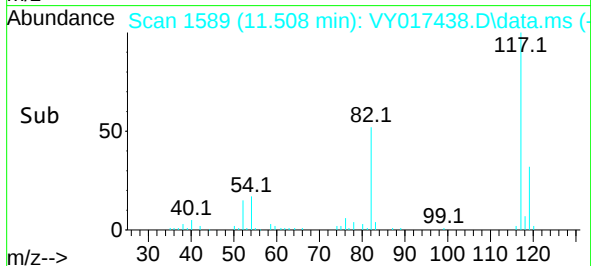
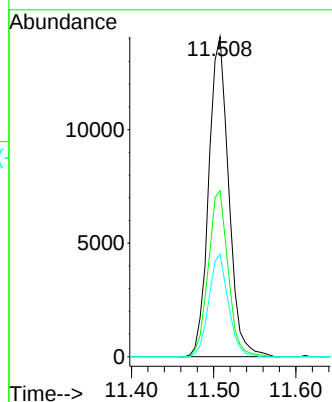
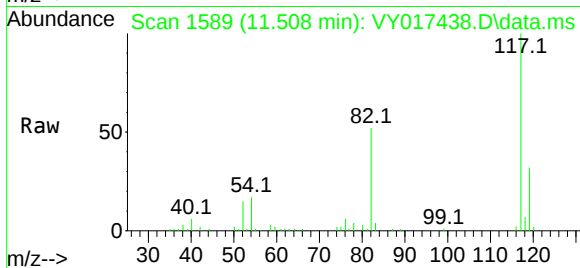
Tgt Ion:117 Resp: 23788

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017438.D

Acq: 21 Feb 2024 15:18

Tgt Ion:152 Resp: 6678

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 154.1 0.0 345.6

