

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007108.D
 Acq On : 10 Jan 2022 17:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 11 02:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	254045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80548	47.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.940%
35) Dibromofluoromethane	7.722	113	82740	48.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.185	98	312567	49.978	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.483	95	114245	50.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.300%

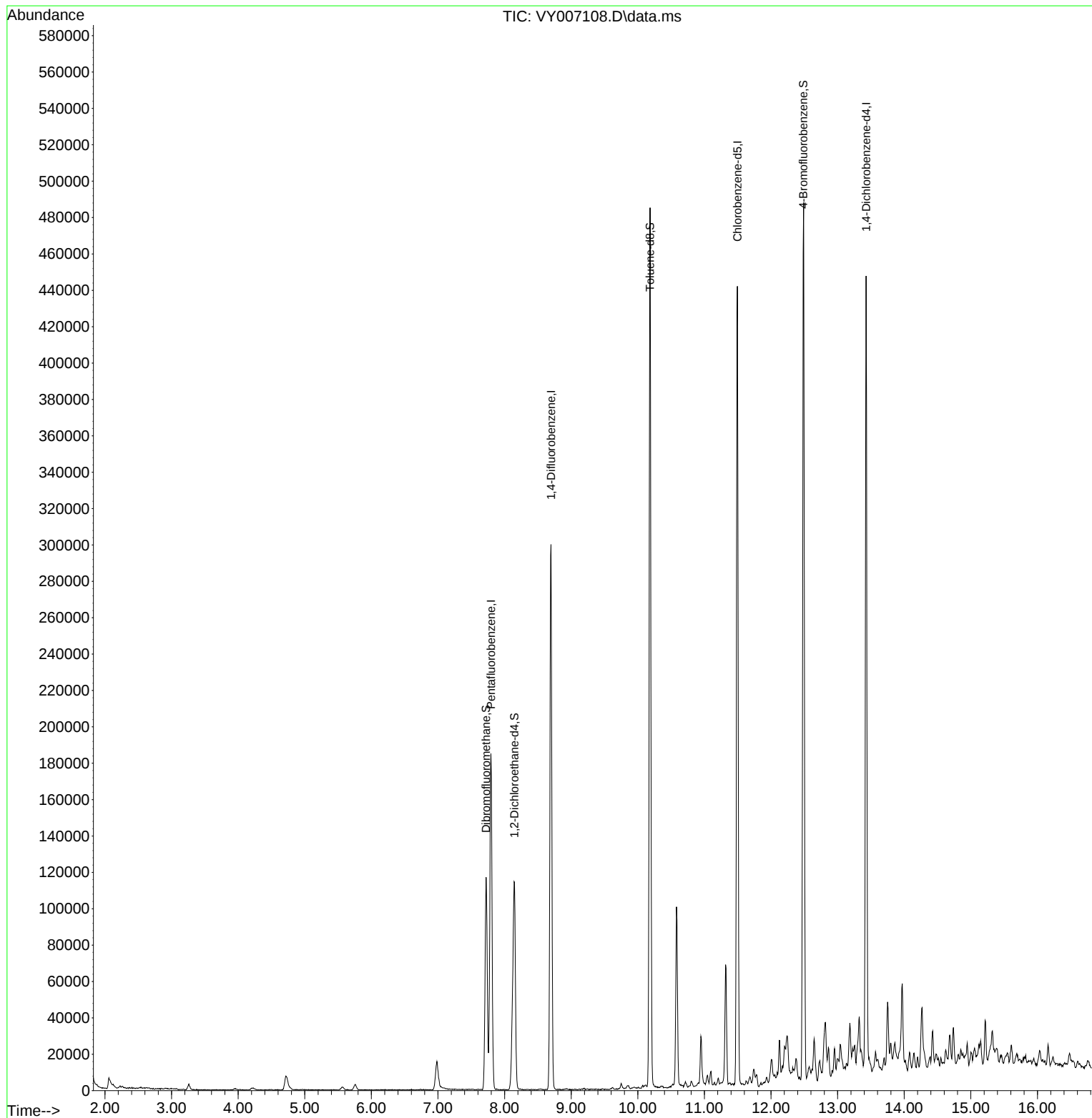
Target Compounds	Qvalue

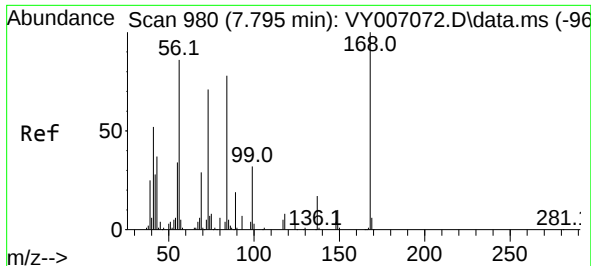
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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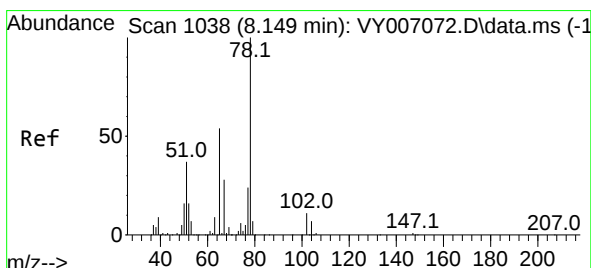
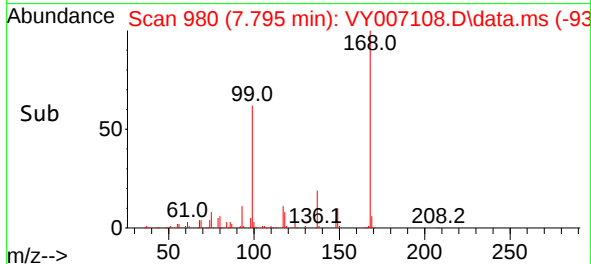
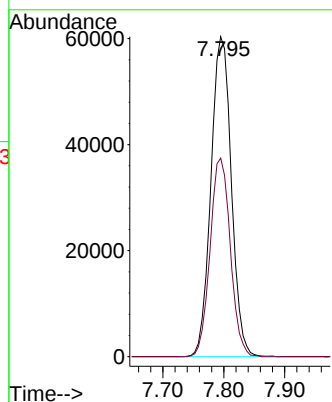
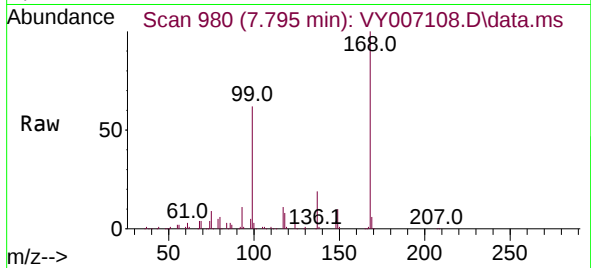




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007108.D
Acq: 10 Jan 2022 17:46

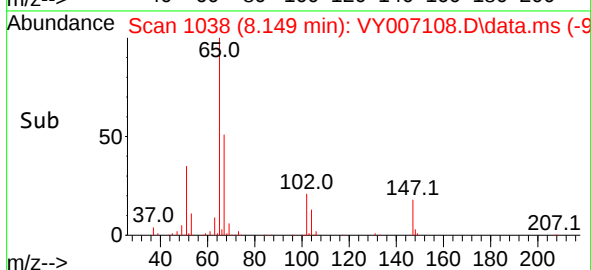
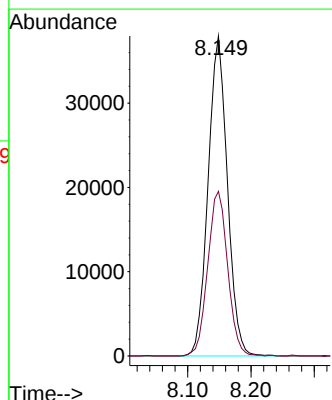
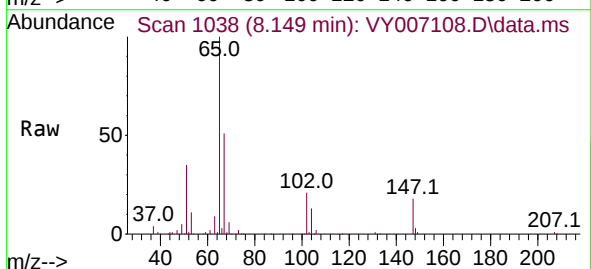
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

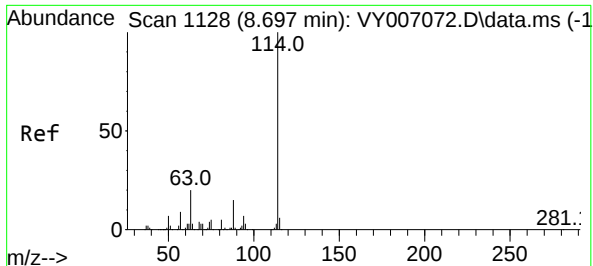
Tgt Ion:168 Resp: 140363
Ion Ratio Lower Upper
168 100
99 62.1 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 47.968 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY007108.D
Acq: 10 Jan 2022 17:46

Tgt Ion: 65 Resp: 80548
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007108.D

Acq: 10 Jan 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

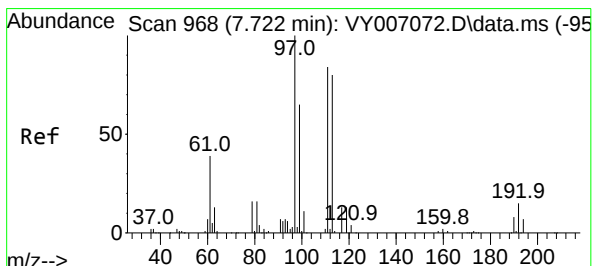
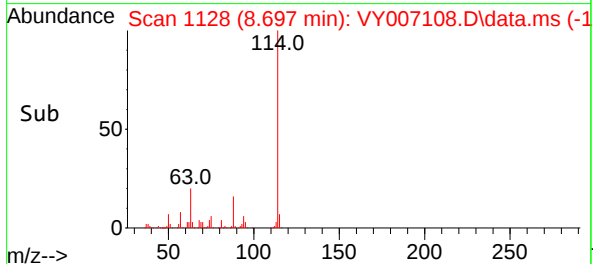
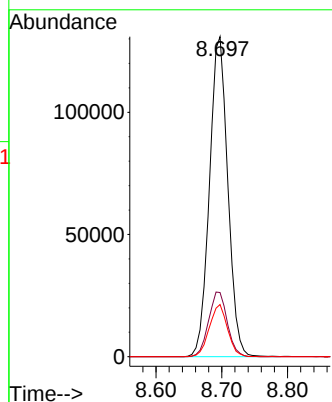
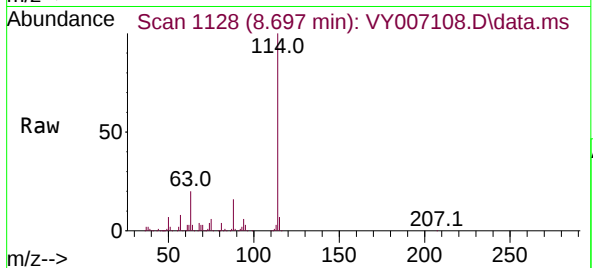
Tgt Ion:114 Resp: 254045

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.3 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.867 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007108.D

Acq: 10 Jan 2022 17:46

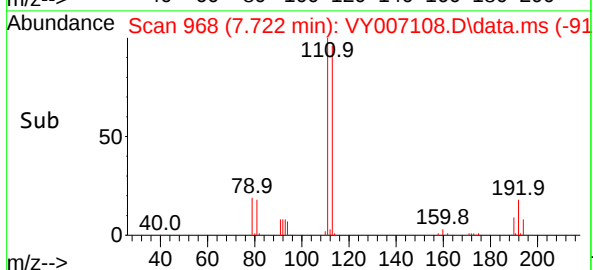
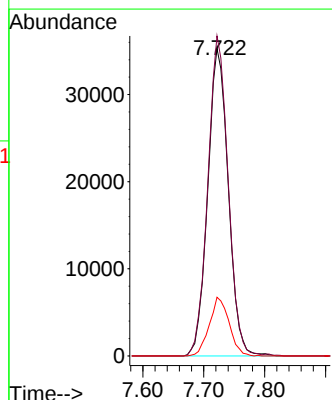
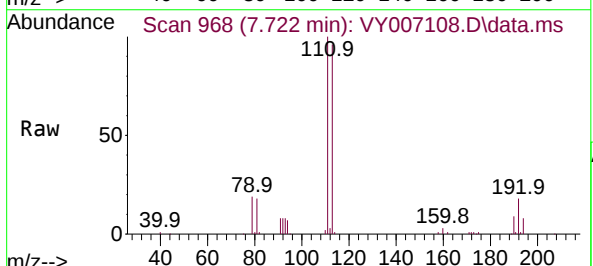
Tgt Ion:113 Resp: 82740

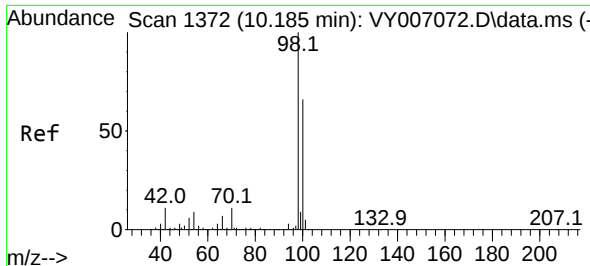
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.4 14.2 21.4

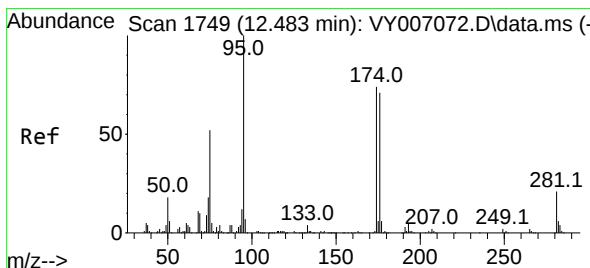
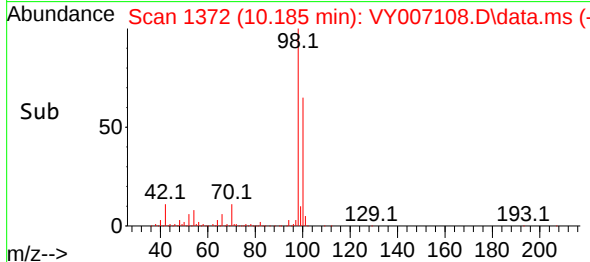
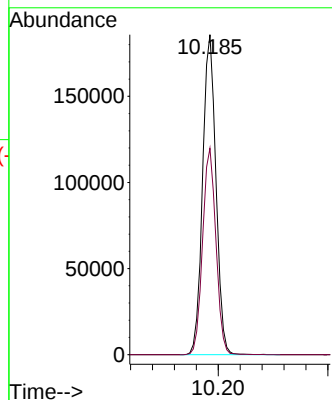
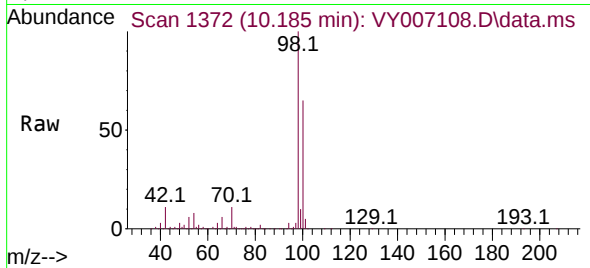




#50
Toluene-d8
Concen: 49.978 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007108.D
Acq: 10 Jan 2022 17:46

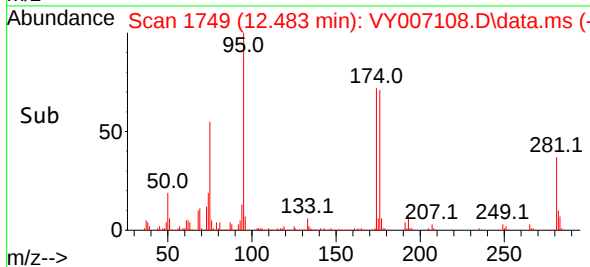
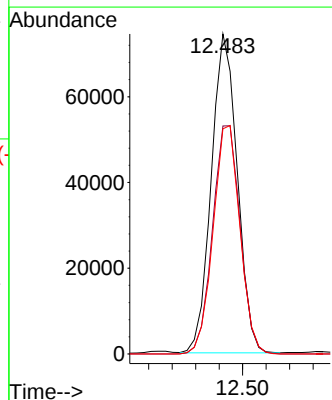
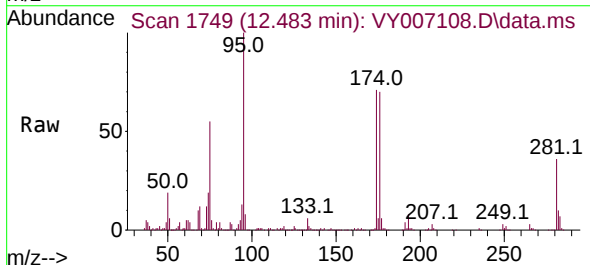
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

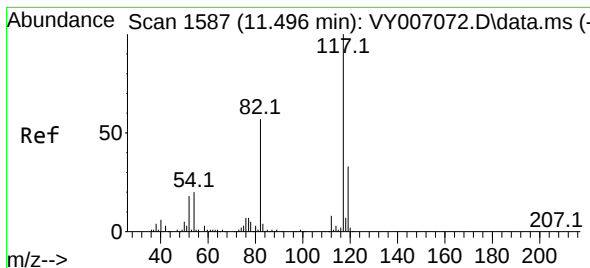
Tgt Ion: 98 Resp: 312567
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007108.D
Acq: 10 Jan 2022 17:46

Tgt Ion: 95 Resp: 114245
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.4
176 73.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007108.D

Acq: 10 Jan 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

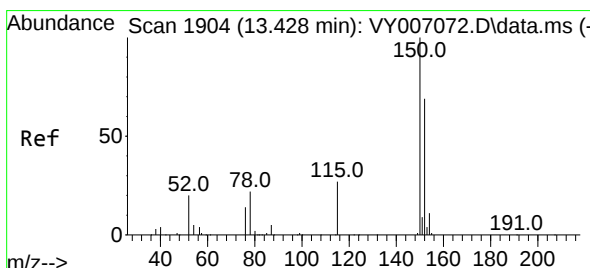
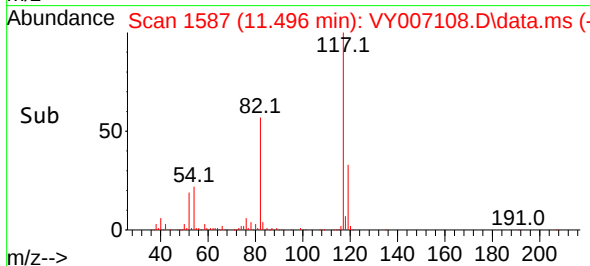
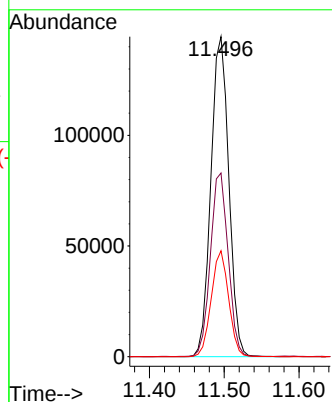
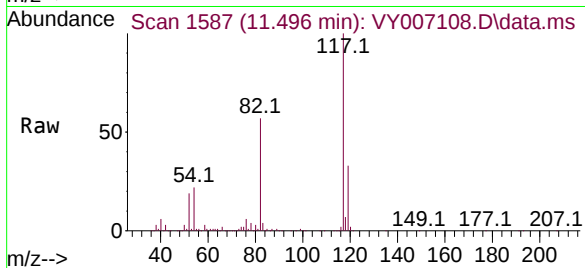
Tgt Ion:117 Resp: 240578

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.0

119 33.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY007108.D

Acq: 10 Jan 2022 17:46

Tgt Ion:152 Resp: 106367

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.0

150 156.3 0.0 348.4

