

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012809.D
 Acq On : 03 Mar 2023 20:13
 Operator : KP/MD
 Sample : 01749-15
 Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-17

Quant Time: Mar 04 01:28:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62124	71.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.400%
35) Dibromofluoromethane	7.716	113	57560	65.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.940%
50) Toluene-d8	10.179	98	179996	56.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.000%
62) 4-Bromofluorobenzene	12.483	95	46046	42.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%

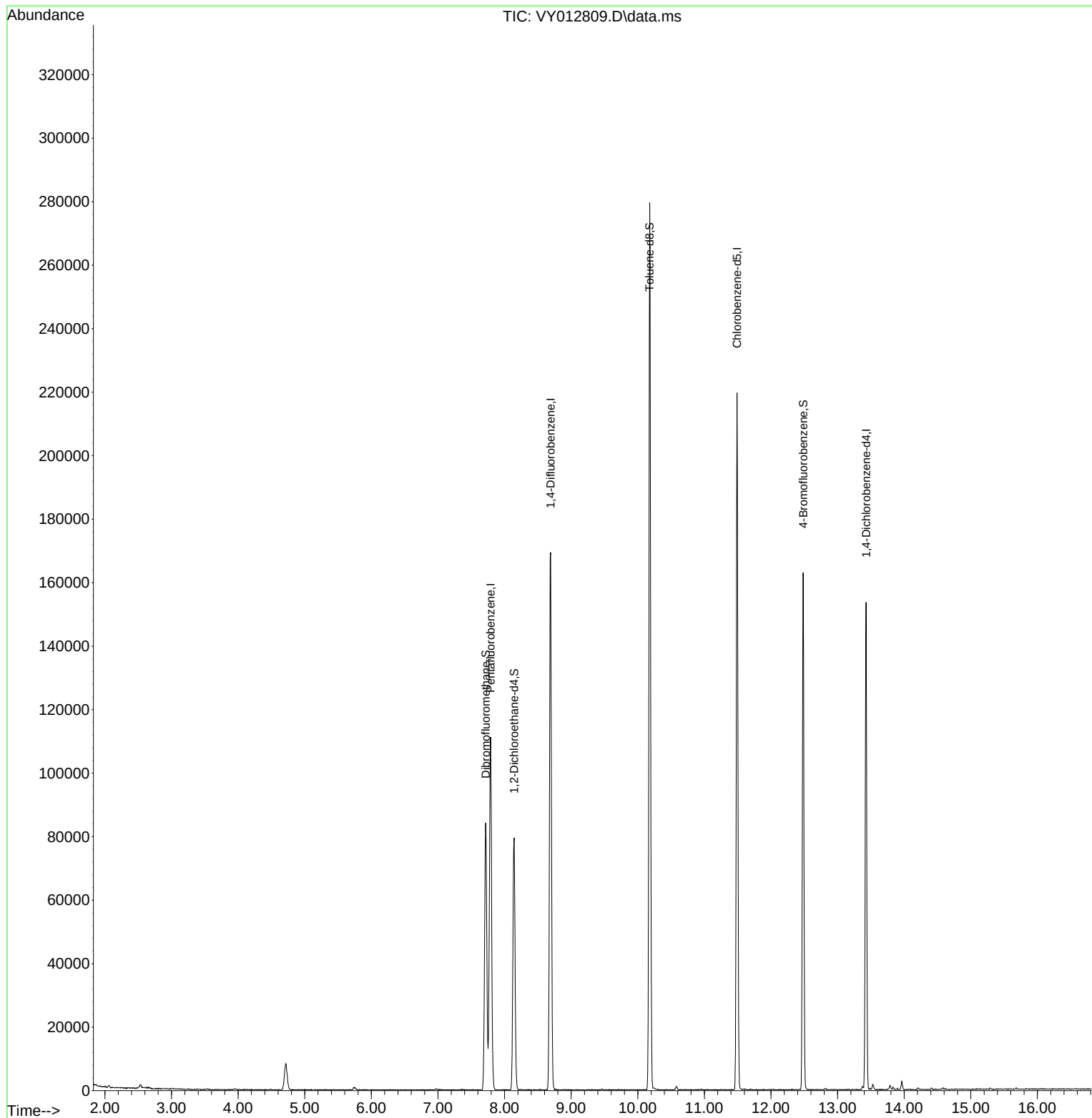
Target Compounds	Qvalue

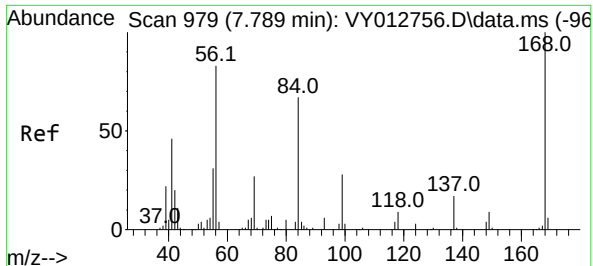
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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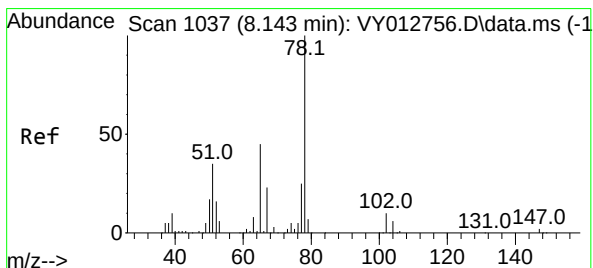
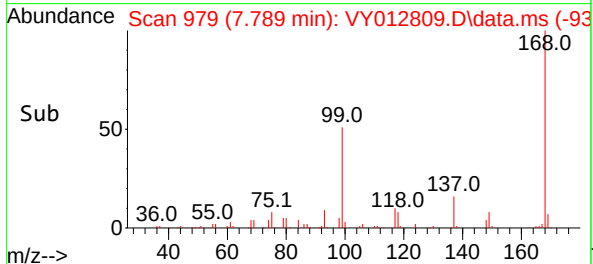
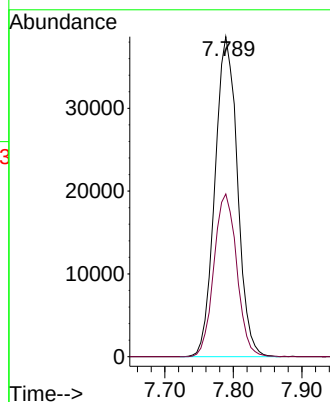
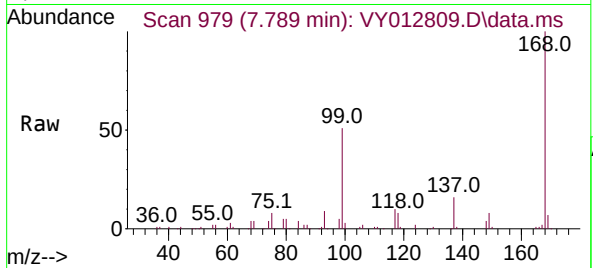




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012809.D
Acq: 03 Mar 2023 20:13

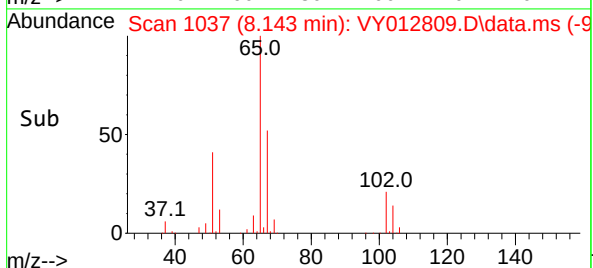
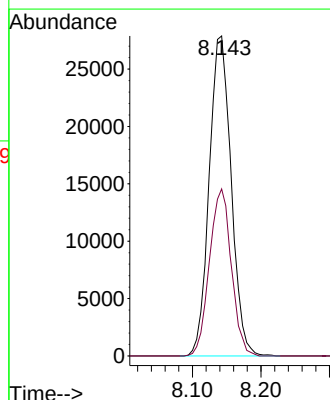
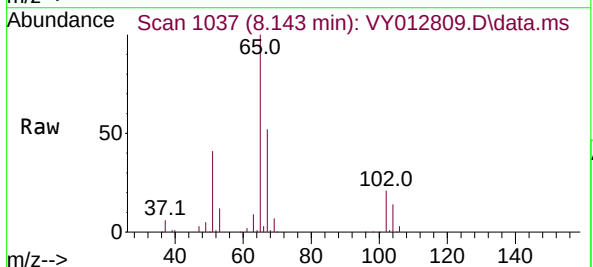
Instrument :
MSVOA_Y
ClientSampleId :
CF-17

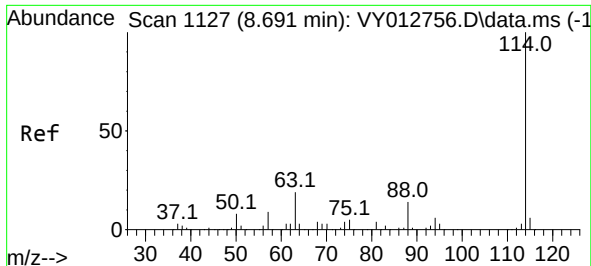
Tgt Ion:168 Resp: 87878
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 71.201 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012809.D
Acq: 03 Mar 2023 20:13

Tgt Ion: 65 Resp: 62124
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012809.D

Acq: 03 Mar 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

CF-17

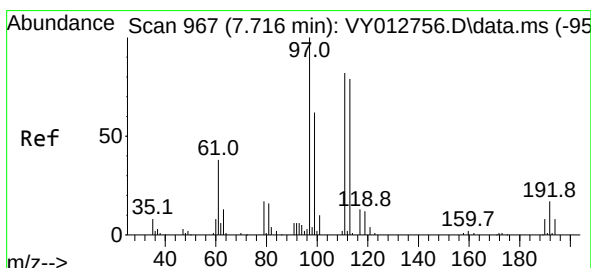
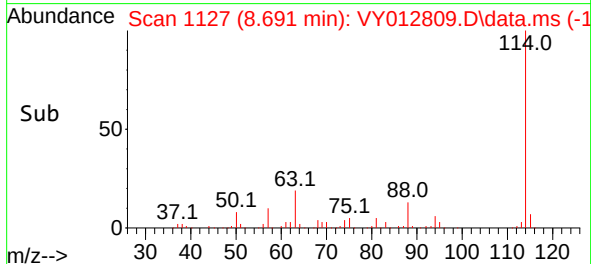
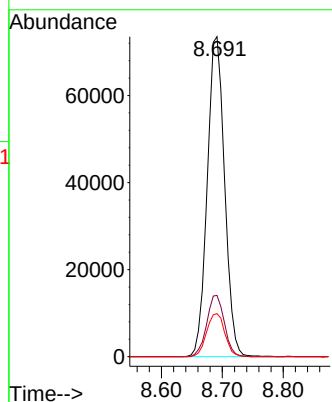
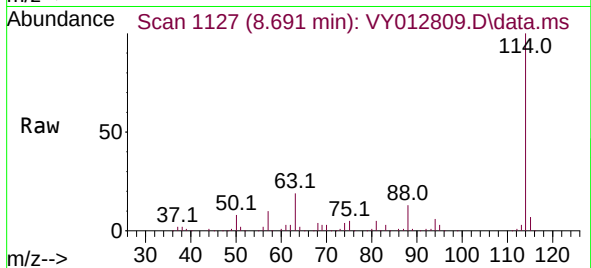
Tgt Ion:114 Resp: 145686

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 13.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 65.468 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012809.D

Acq: 03 Mar 2023 20:13

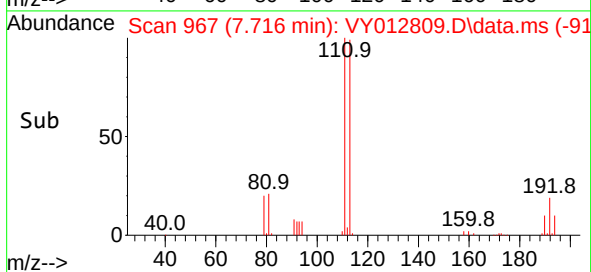
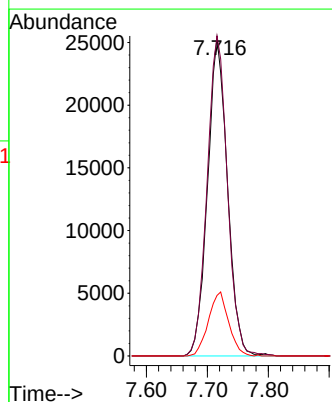
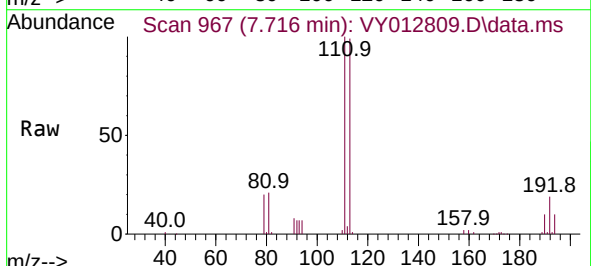
Tgt Ion:113 Resp: 57560

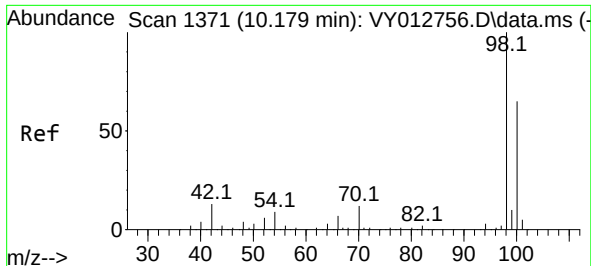
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 20.4 16.8 25.2

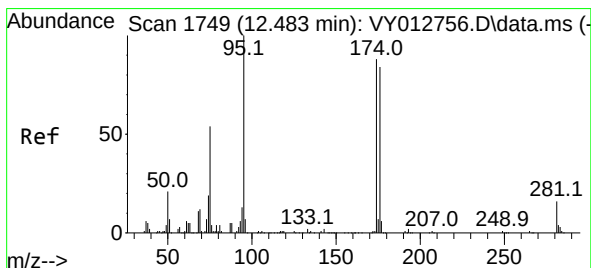
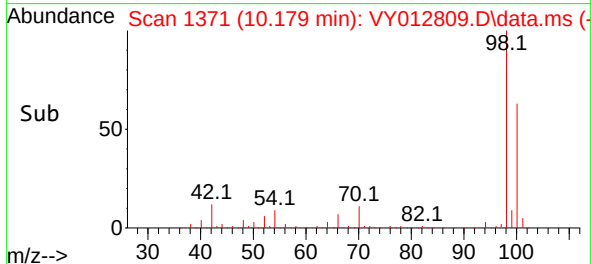
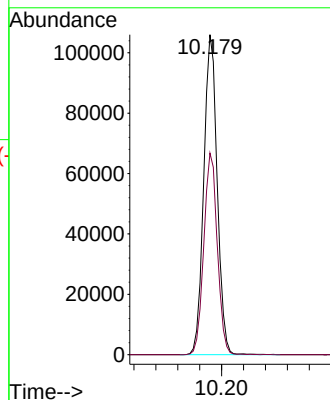
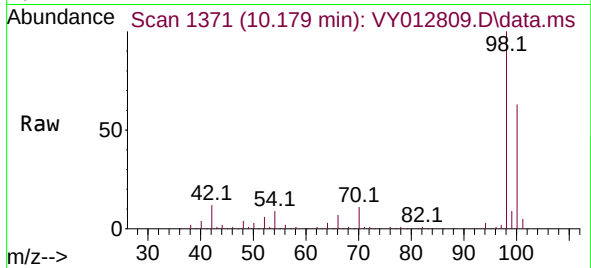




#50
Toluene-d8
Concen: 56.000 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012809.D
Acq: 03 Mar 2023 20:13

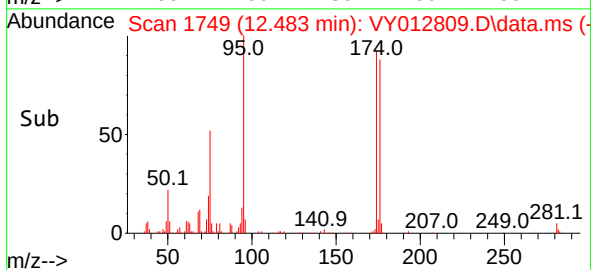
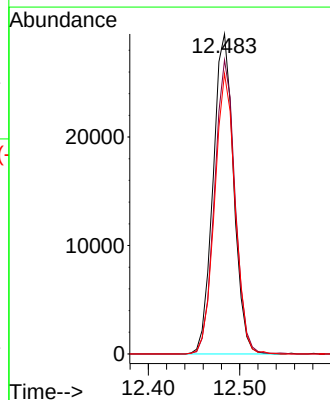
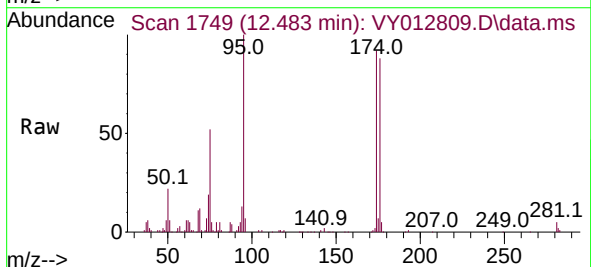
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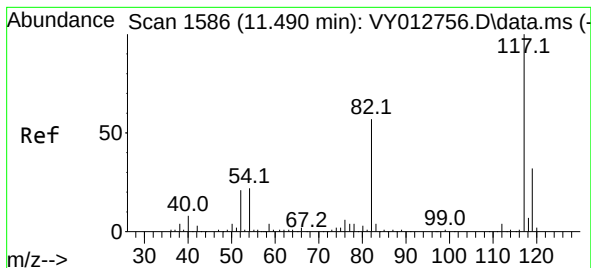
Tgt Ion: 98 Resp: 179996
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012809.D
Acq: 03 Mar 2023 20:13

Tgt Ion: 95 Resp: 46046
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.6
176 87.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012809.D

Acq: 03 Mar 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

CF-17

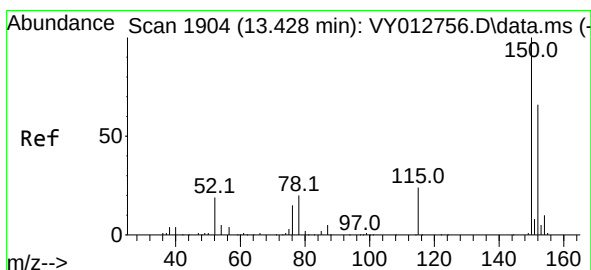
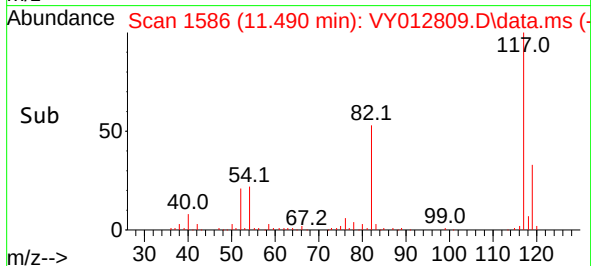
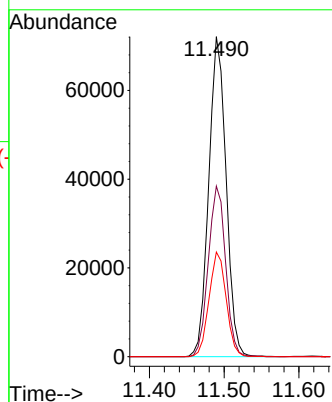
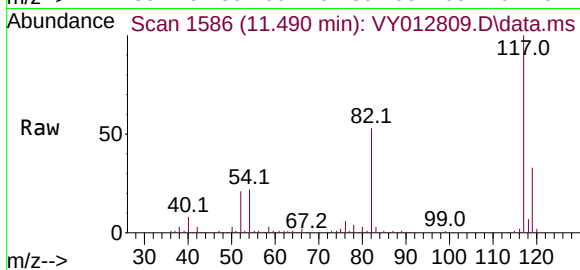
Tgt Ion:117 Resp: 116201

Ion Ratio Lower Upper

117 100

82 53.3 45.4 68.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012809.D

Acq: 03 Mar 2023 20:13

Tgt Ion:152 Resp: 38876

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 158.3 0.0 347.8

