

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012689.D
 Acq On : 22 Feb 2023 13:59
 Operator : KP/MD
 Sample : 01640-01
 Misc : 3.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 22 21:42:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77737	56.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.880%
35) Dibromofluoromethane	7.716	113	69304	48.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.185	98	258003	47.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.483	95	81225	46.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.940%

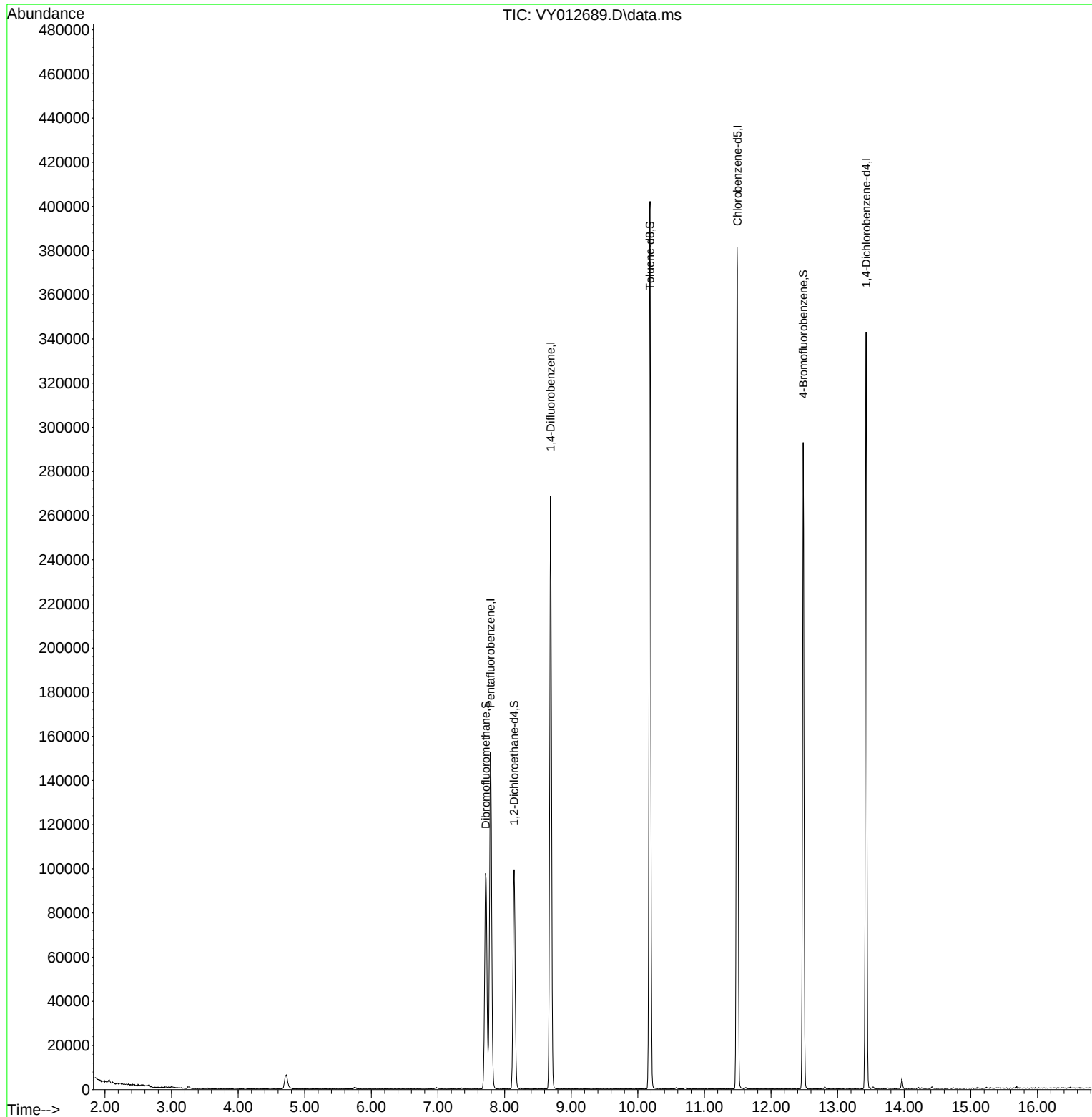
Target Compounds	Qvalue

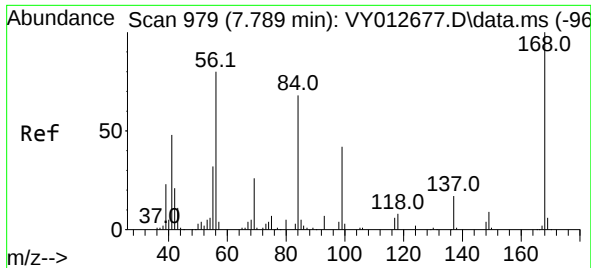
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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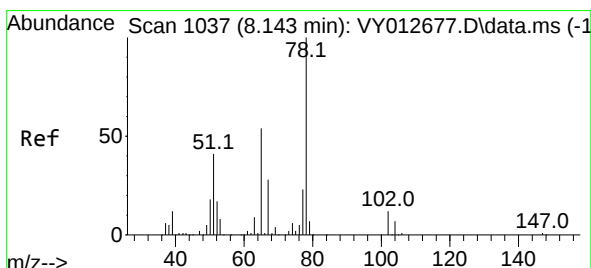
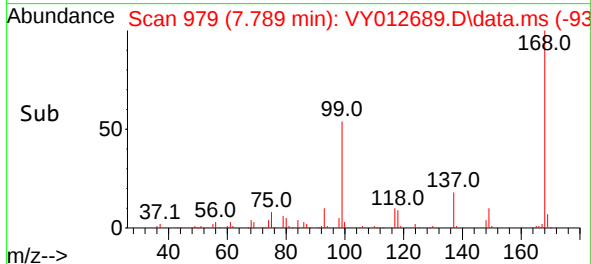
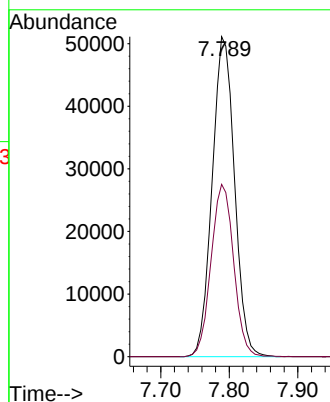
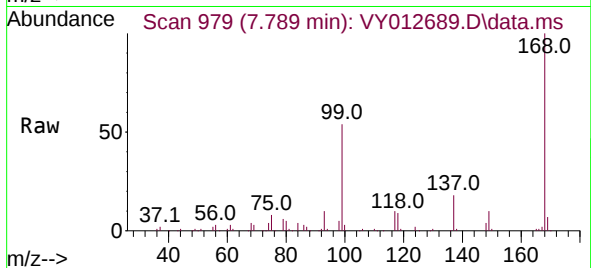




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

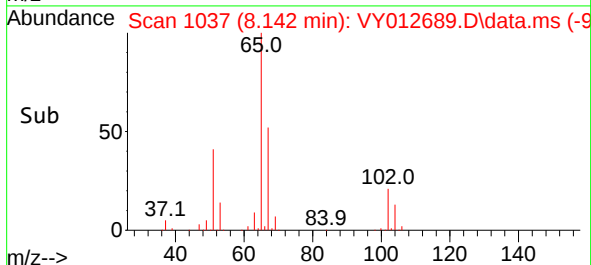
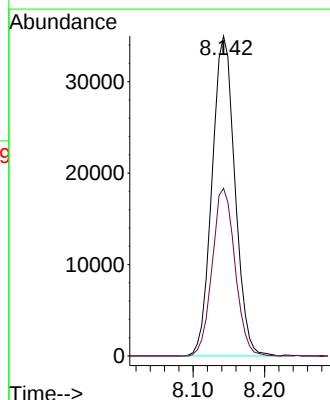
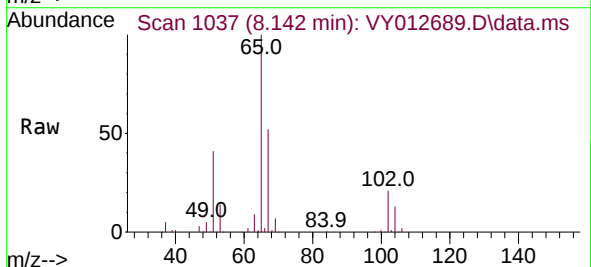
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

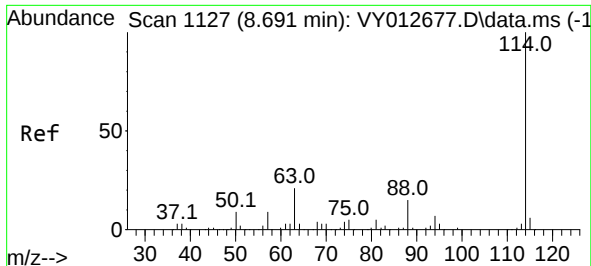
Tgt Ion:168 Resp: 115603
Ion Ratio Lower Upper
168 100
99 53.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 56.937 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion: 65 Resp: 77737
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

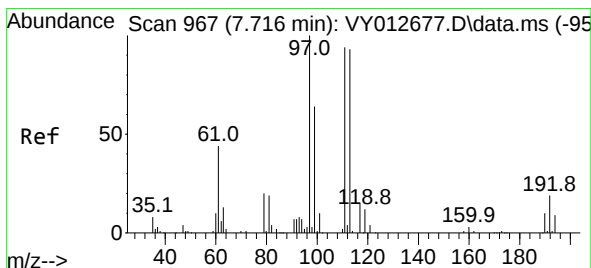
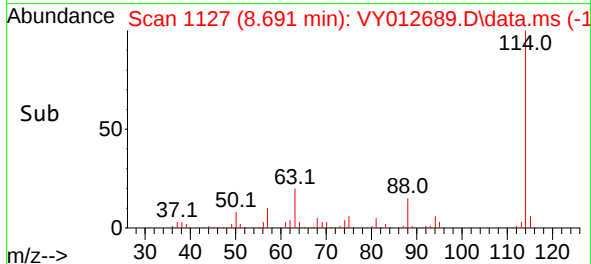
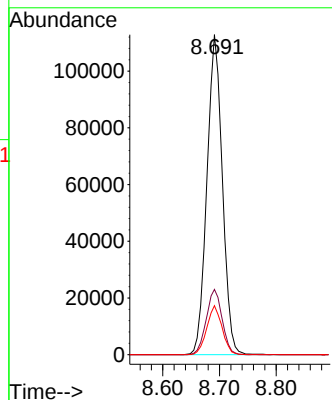
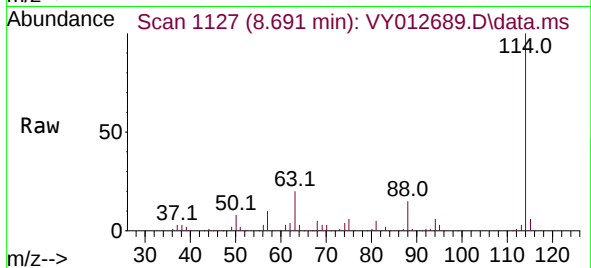
Tgt Ion:114 Resp: 213558

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.046 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

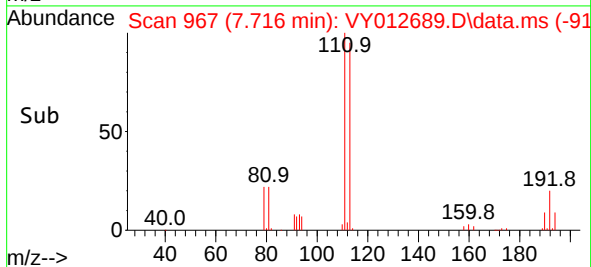
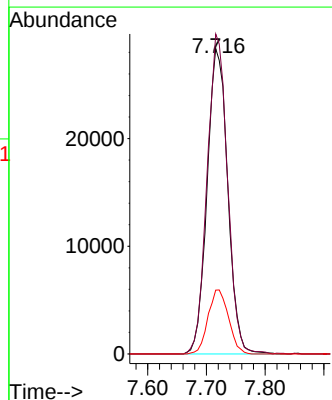
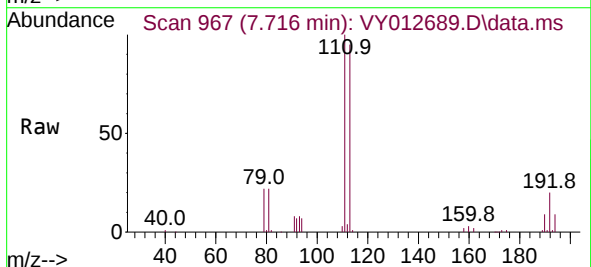
Tgt Ion:113 Resp: 69304

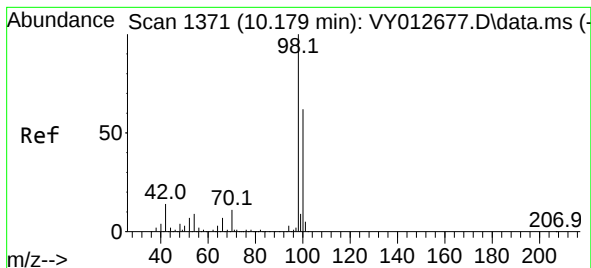
Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 20.8 16.2 24.2

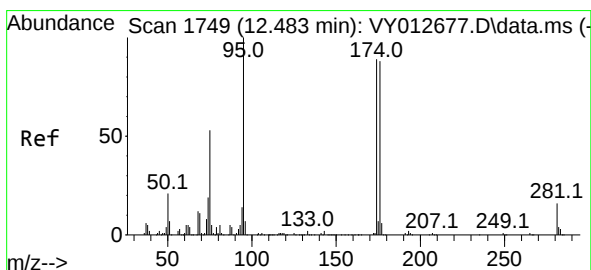
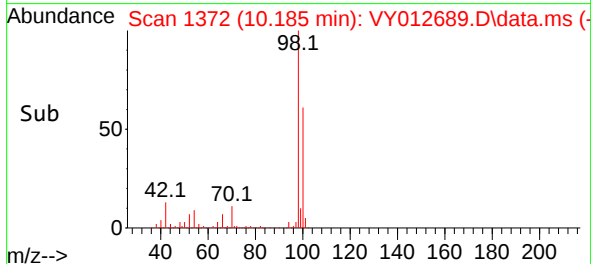
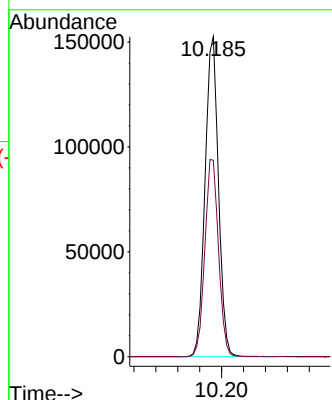
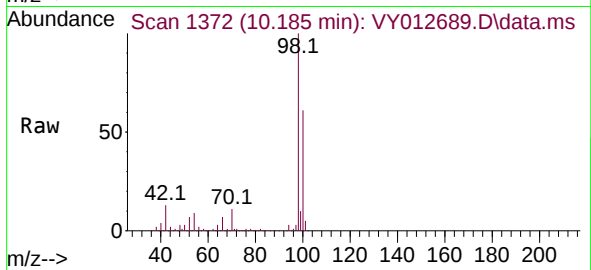




#50
Toluene-d8
Concen: 47.743 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

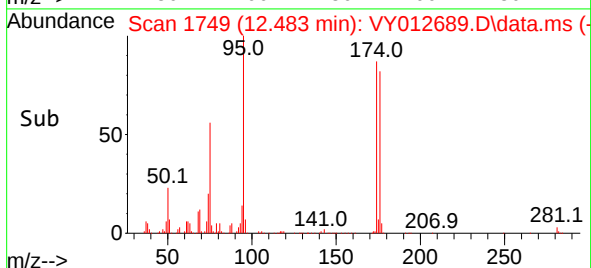
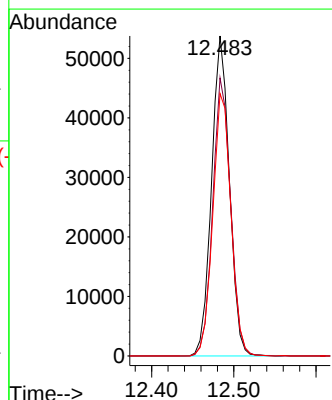
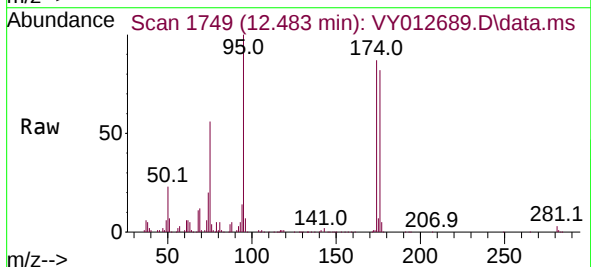
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

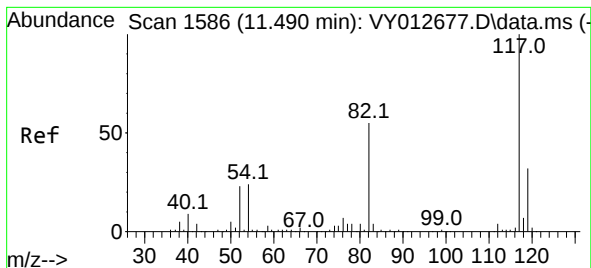
Tgt Ion: 98 Resp: 258003
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.969 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion: 95 Resp: 81225
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.8
176 83.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

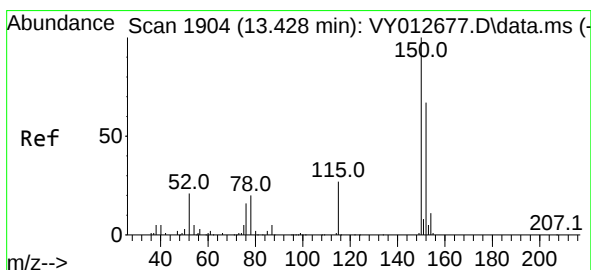
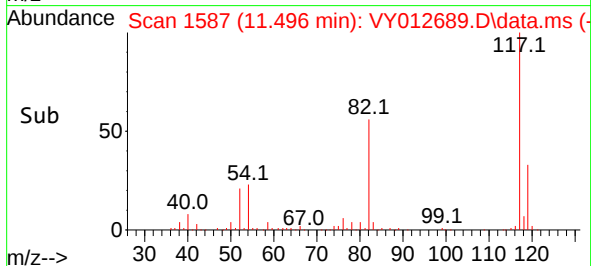
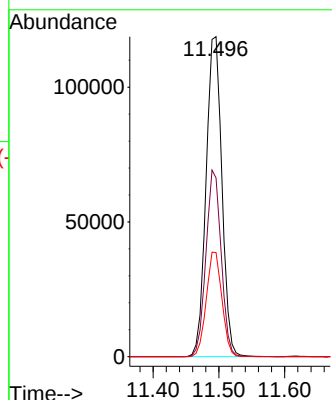
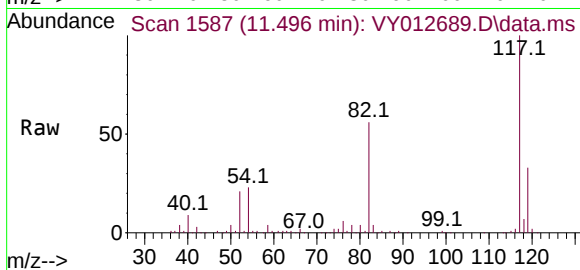
Tgt Ion:117 Resp: 198569

Ion Ratio Lower Upper

117 100

82 55.8 44.1 66.1

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Tgt Ion:152 Resp: 84605

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.3

150 157.7 0.0 347.6

