

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012707.D
 Acq On : 23 Feb 2023 14:40
 Operator : KP/MD
 Sample : 01658-01
 Misc : 3.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QAQC-COMP-1

Quant Time: Feb 23 23:54:53 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	153712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92235	50.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.715	113	90686	48.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.220%	
50) Toluene-d8	10.178	98	339885	48.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.260%	
62) 4-Bromofluorobenzene	12.483	95	118868	52.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.200%	

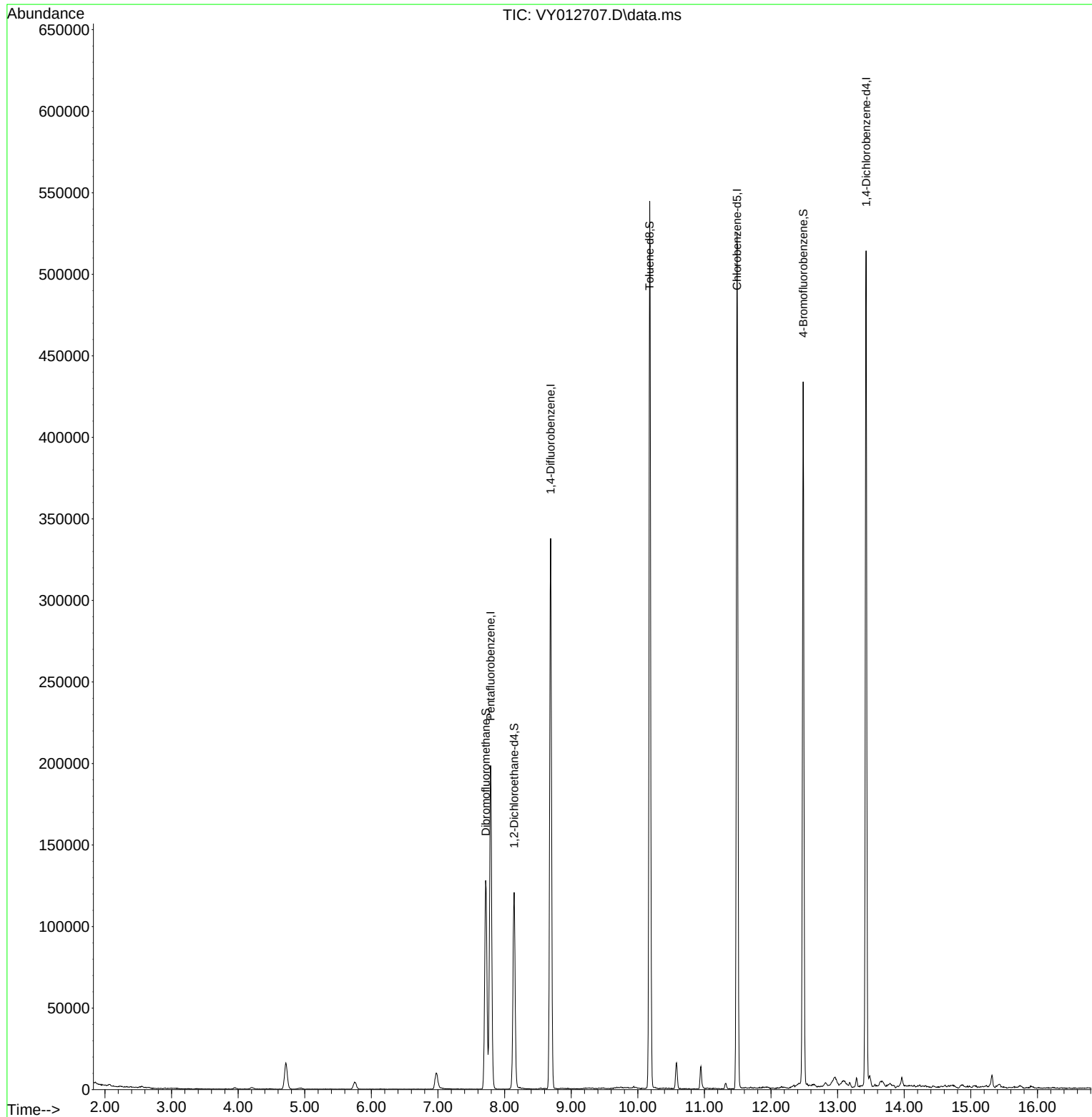
Target Compounds	Qvalue

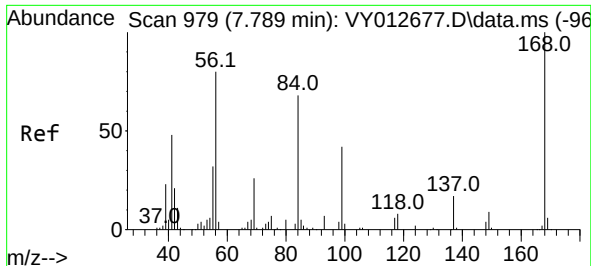
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
Data File : VY012707.D
Acq On : 23 Feb 2023 14:40
Operator : KP/MD
Sample : 01658-01
Misc : 3.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

Quant Time: Feb 23 23:54:53 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

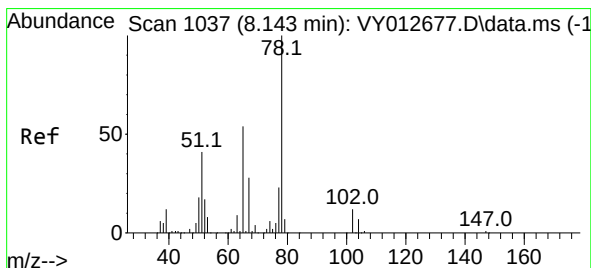
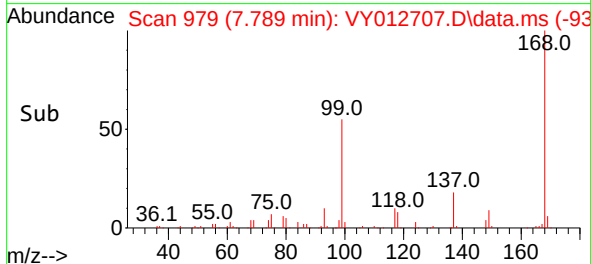
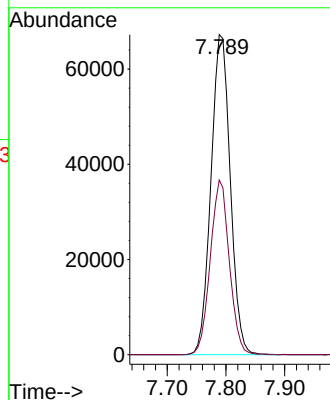
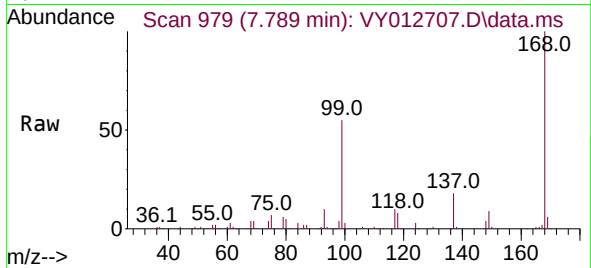




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

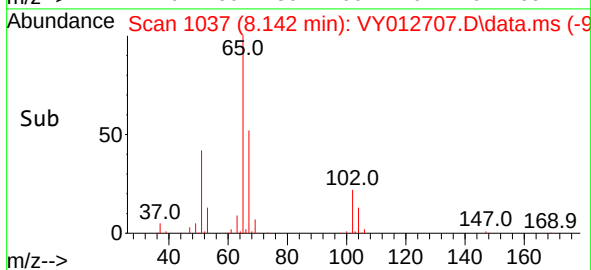
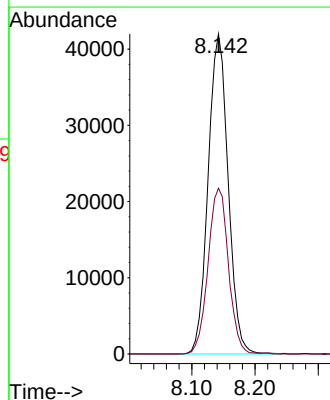
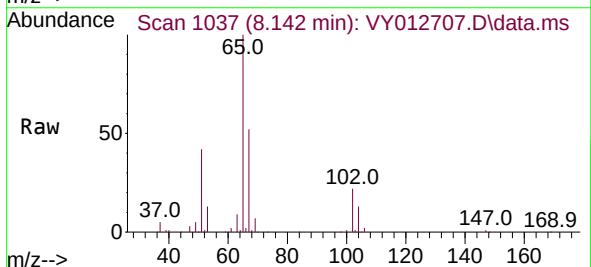
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

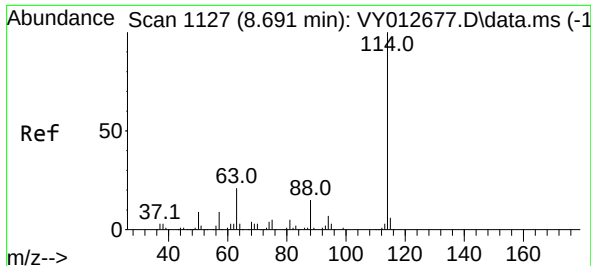
Tgt Ion:168 Resp: 153712
Ion Ratio Lower Upper
168 100
99 54.6 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 50.807 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 65 Resp: 92235
Ion Ratio Lower Upper
65 100
67 52.8 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: VY012707.D

Acq: 23 Feb 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

QAQC-COMP-1

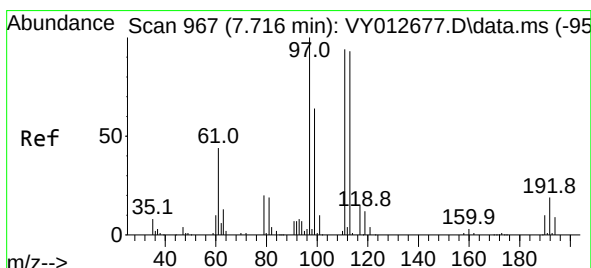
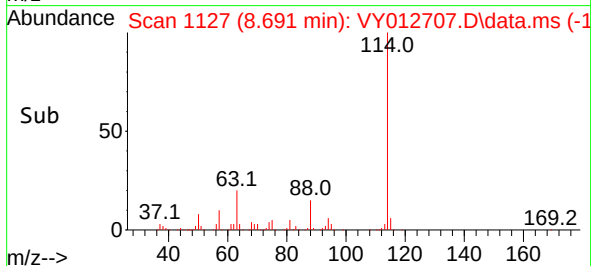
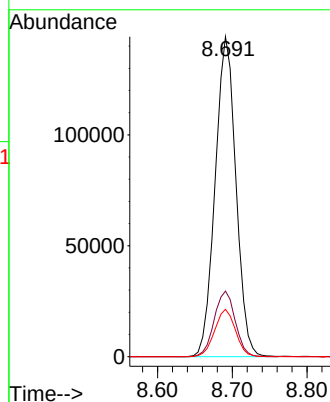
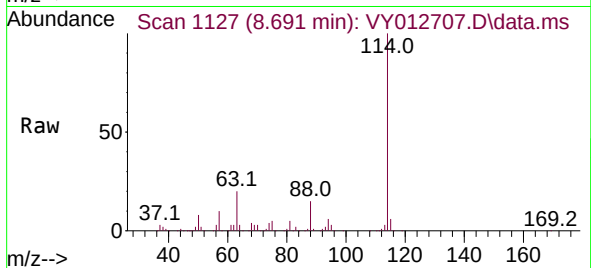
Tgt Ion:114 Resp: 279083

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012707.D

Acq: 23 Feb 2023 14:40

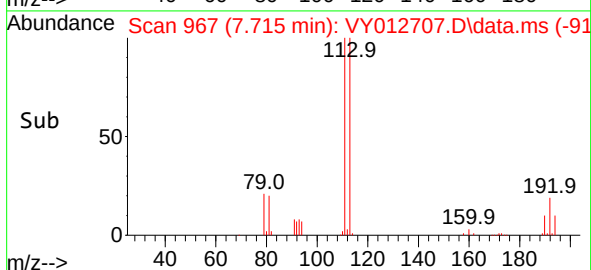
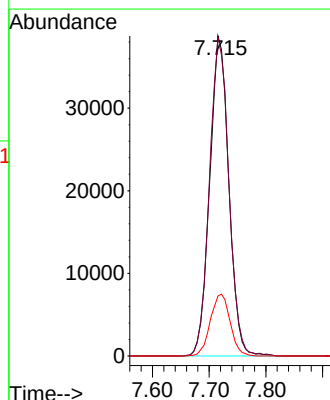
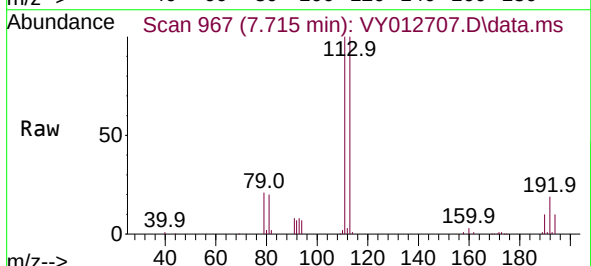
Tgt Ion:113 Resp: 90686

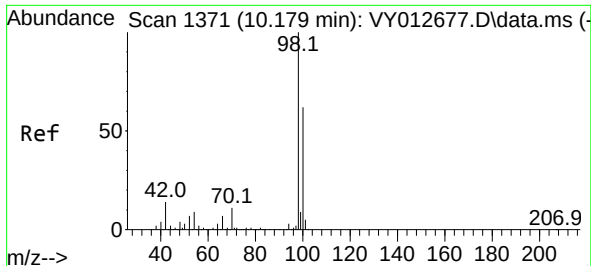
Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

192 20.0 16.2 24.2

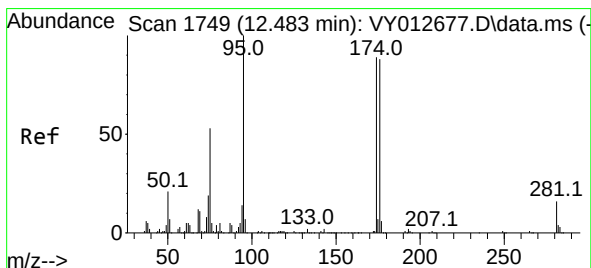
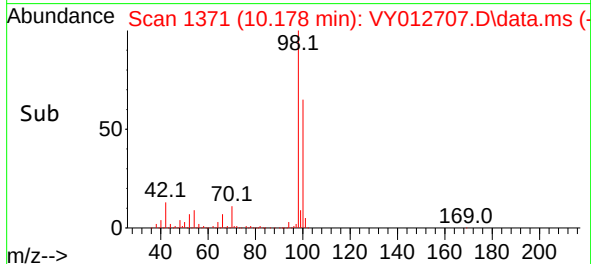
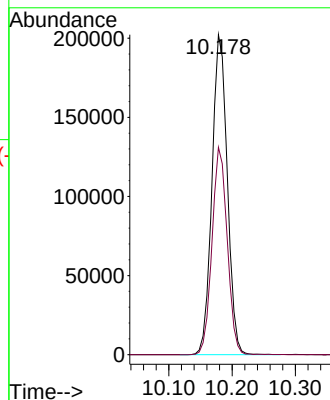
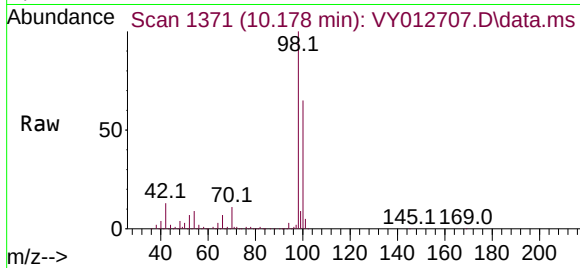




#50
Toluene-d8
Concen: 48.128 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

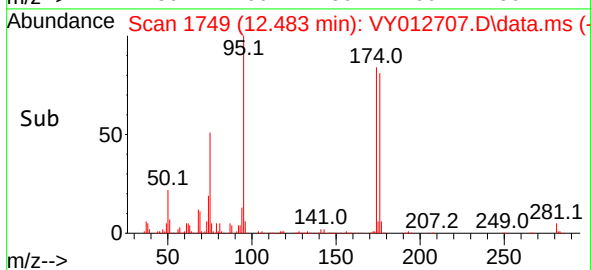
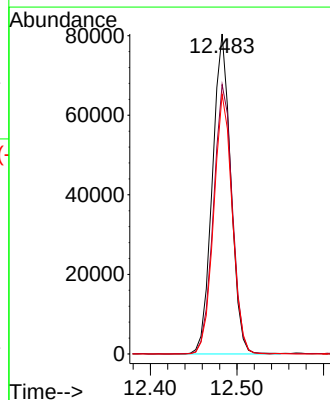
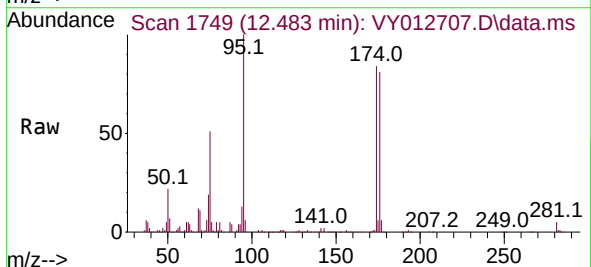
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

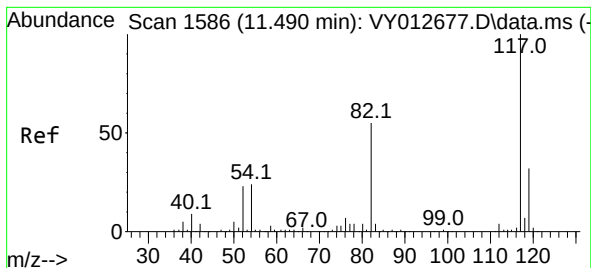
Tgt Ion: 98 Resp: 339885
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 52.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 95 Resp: 118868
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.8
176 81.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012707.D

Acq: 23 Feb 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

QAQC-COMP-1

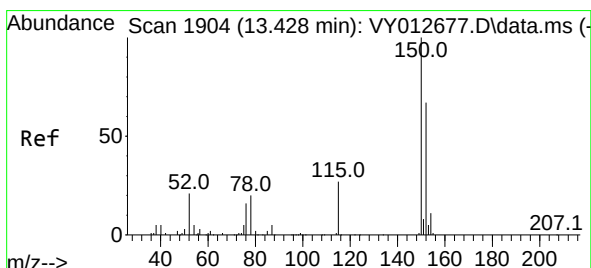
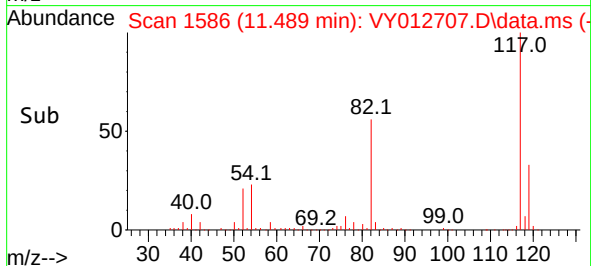
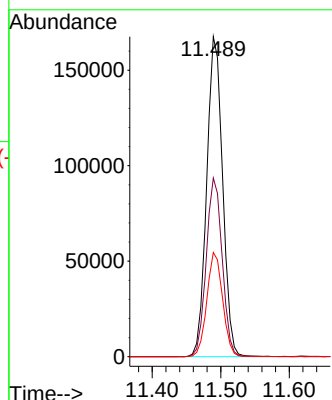
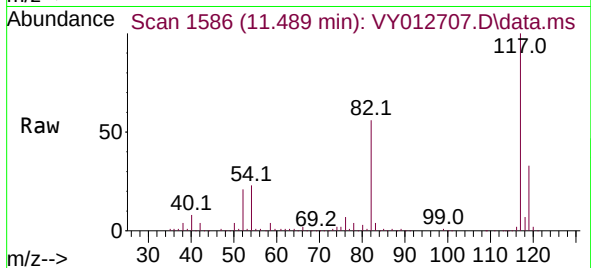
Tgt Ion:117 Resp: 270880

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: VY012707.D

Acq: 23 Feb 2023 14:40

Tgt Ion:152 Resp: 126255

Ion Ratio Lower Upper

152 100

115 55.9 28.7 86.3

150 157.6 0.0 347.6

