

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012597.D
 Acq On : 14 Feb 2023 18:55
 Operator : KP/MD
 Sample : 01552-08
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Feb 15 01:33:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	57855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	90925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	85353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31237	42.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.920%
35) Dibromofluoromethane	7.716	113	27147	40.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.000%
50) Toluene-d8	10.179	98	106737	38.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.460%
62) 4-Bromofluorobenzene	12.477	95	31606	32.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.760%

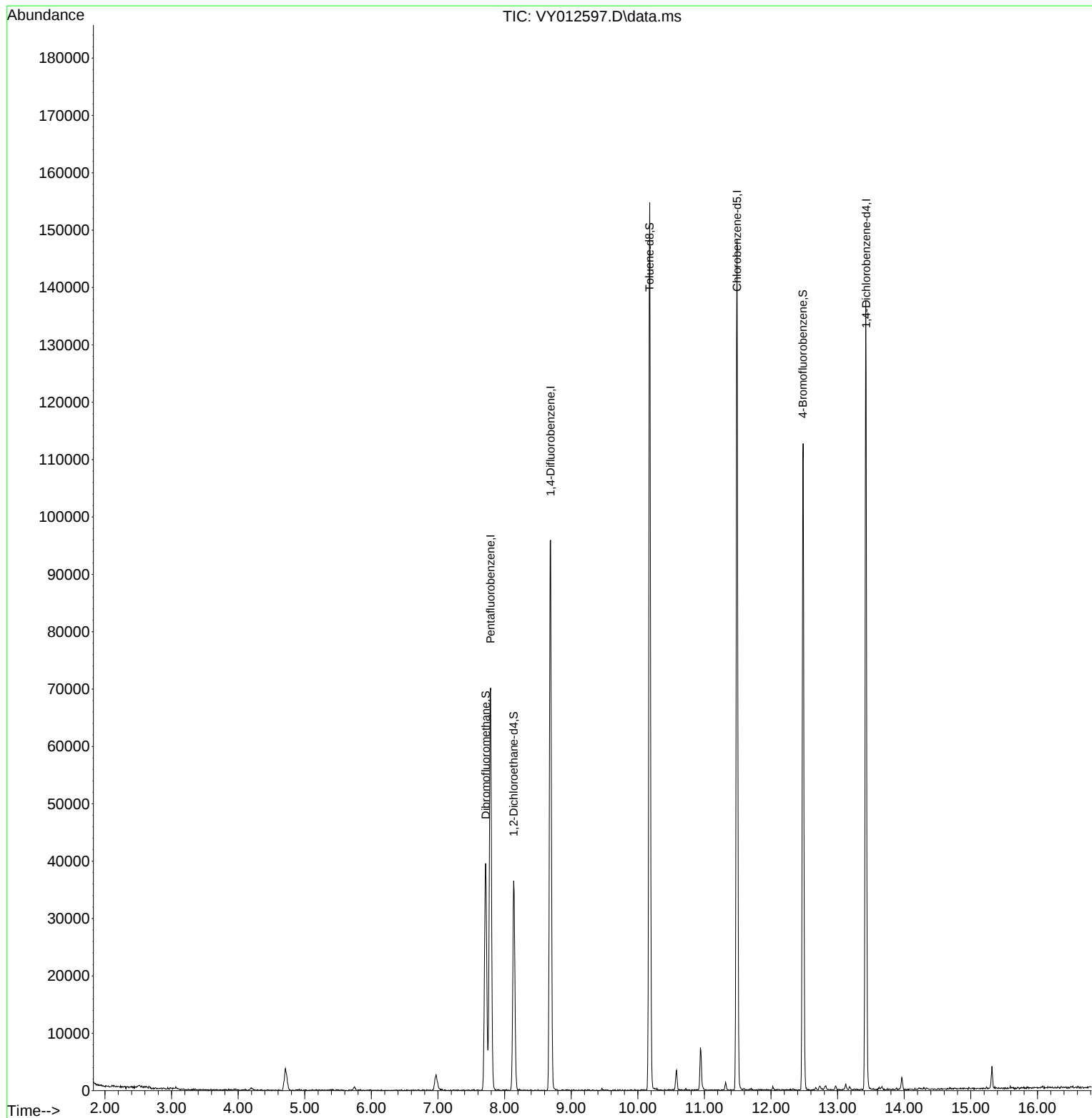
Target Compounds	Qvalue

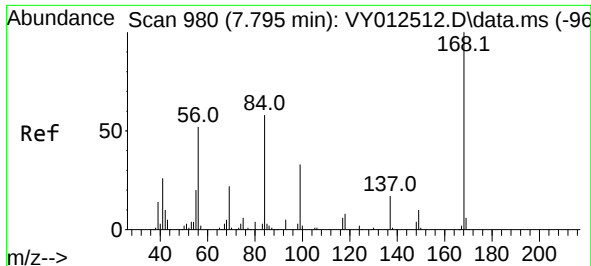
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
Data File : VY012597.D
Acq On : 14 Feb 2023 18:55
Operator : KP/MD
Sample : 01552-08
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

Quant Time: Feb 15 01:33:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

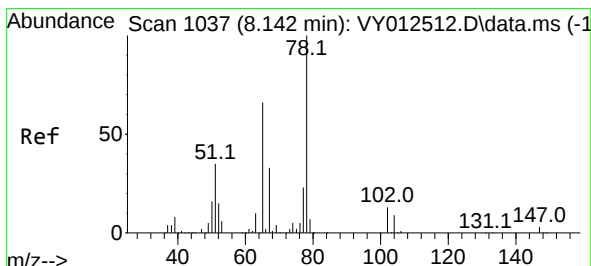
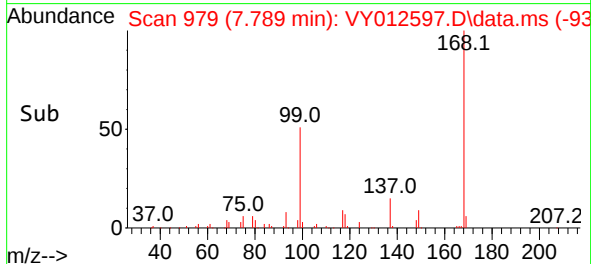
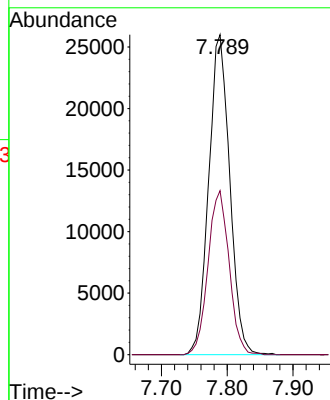
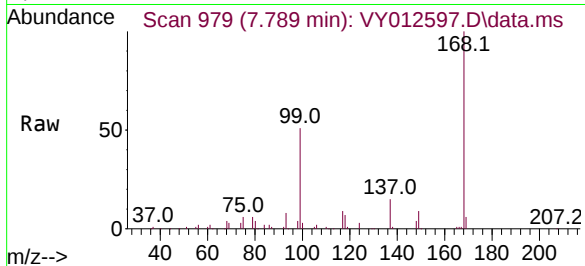




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012597.D
Acq: 14 Feb 2023 18:55

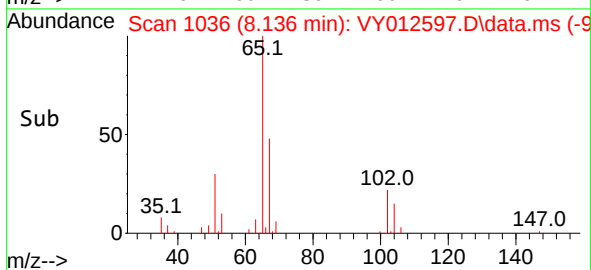
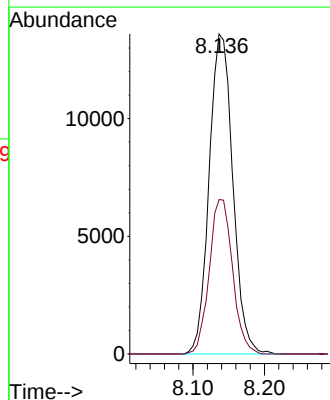
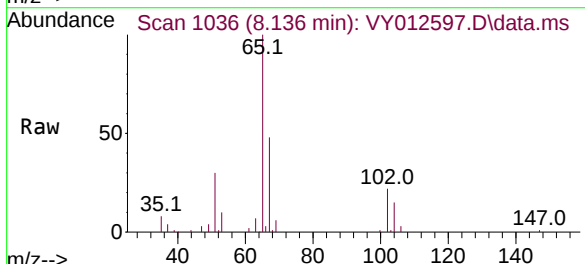
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

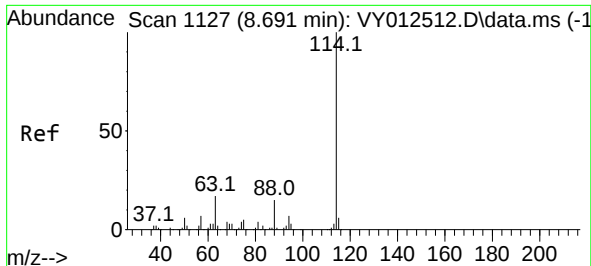
Tgt Ion:168 Resp: 57855
Ion Ratio Lower Upper
168 100
99 51.3 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 42.459 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012597.D
Acq: 14 Feb 2023 18:55

Tgt Ion: 65 Resp: 31237
Ion Ratio Lower Upper
65 100
67 47.5 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012597.D

Acq: 14 Feb 2023 18:55

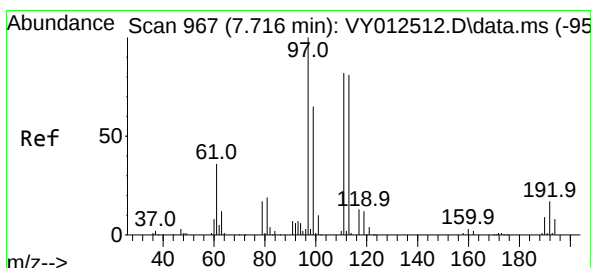
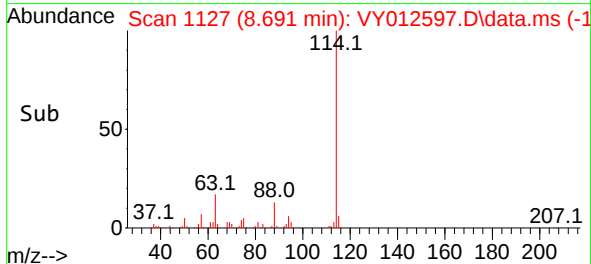
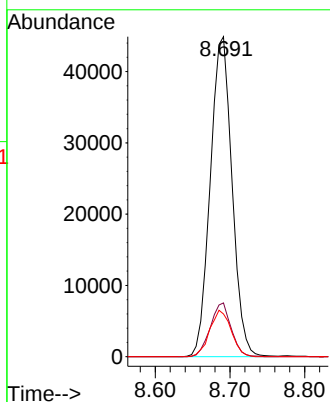
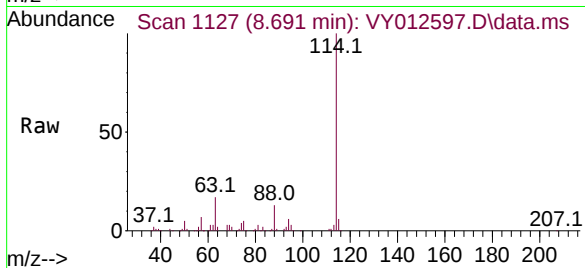
Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0

Tgt Ion:114	Resp:	90925
Ion Ratio	Lower	Upper
114	100	
63	16.8	0.0 33.6
88	13.4	0.0 29.8



#35

Dibromofluoromethane

Concen: 40.997 ug/l

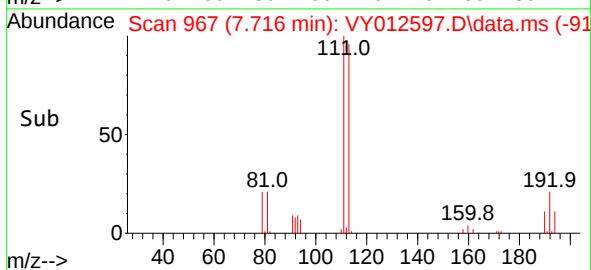
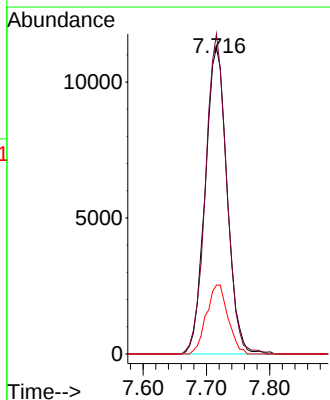
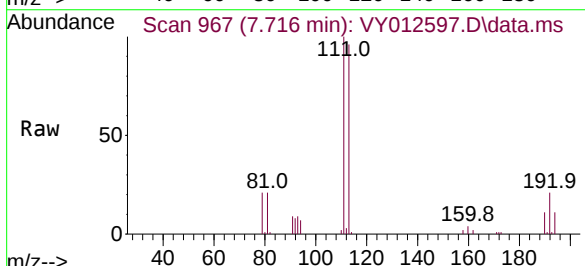
RT: 7.716 min Scan# 967

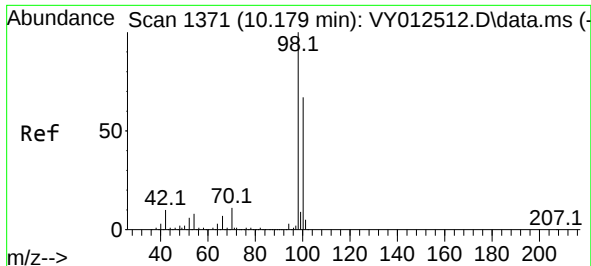
Delta R.T. 0.000 min

Lab File: VY012597.D

Acq: 14 Feb 2023 18:55

Tgt Ion:113	Resp:	27147
Ion Ratio	Lower	Upper
113	100	
111	100.5	81.9 122.9
192	22.2	17.5 26.3

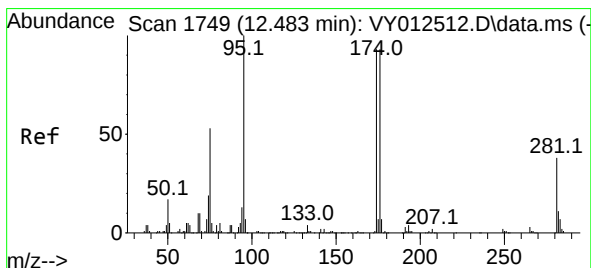
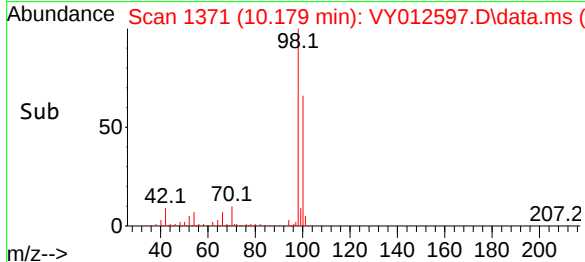
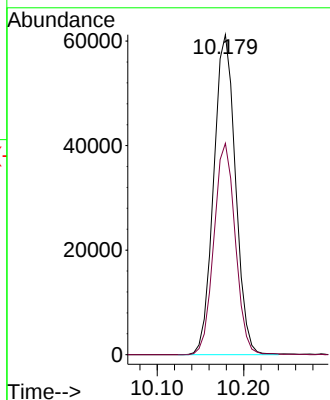
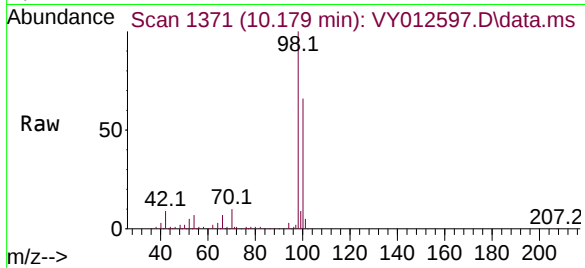




#50
Toluene-d8
Concen: 38.727 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012597.D
Acq: 14 Feb 2023 18:55

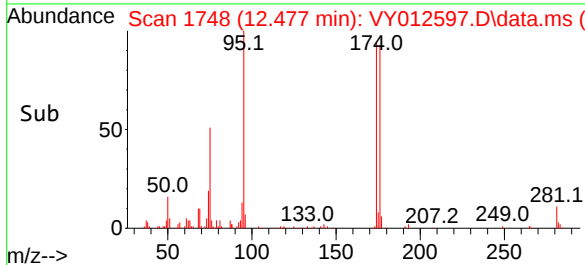
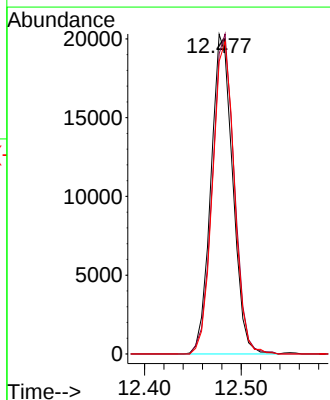
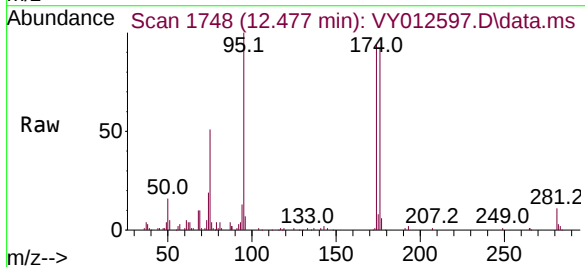
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0

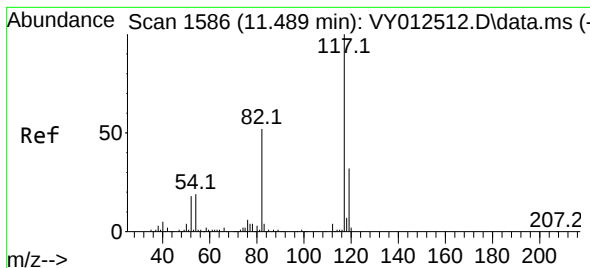
Tgt Ion: 98 Resp: 106737
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 32.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012597.D
Acq: 14 Feb 2023 18:55

Tgt Ion: 95 Resp: 31606
Ion Ratio Lower Upper
95 100
174 100.6 0.0 188.0
176 97.6 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012597.D

Acq: 14 Feb 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0

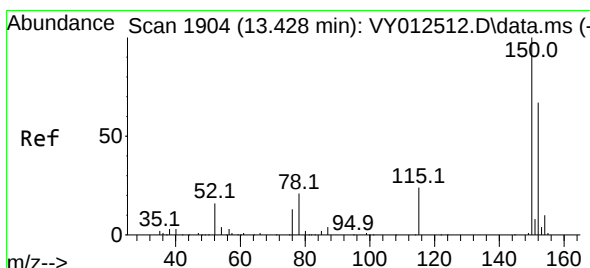
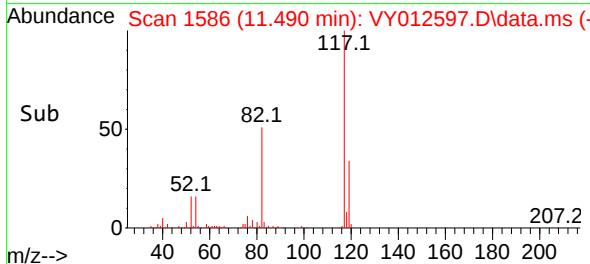
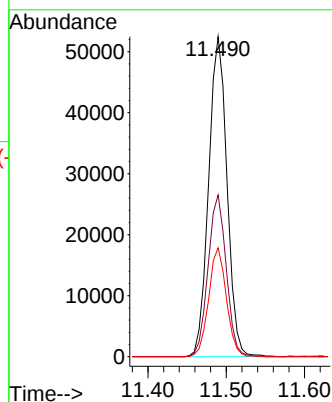
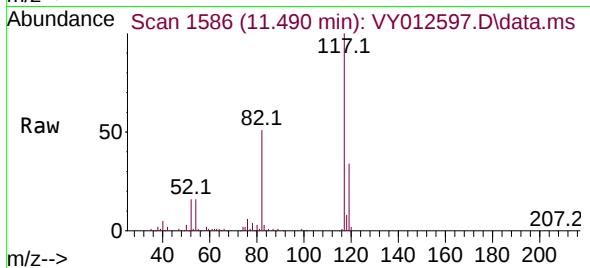
Tgt Ion:117 Resp: 85353

Ion Ratio Lower Upper

117 100

82 50.6 41.7 62.5

119 34.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012597.D

Acq: 14 Feb 2023 18:55

Tgt Ion:152 Resp: 38211

Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.3

150 156.3 0.0 351.0

