

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014758.D
 Acq On : 21 Jul 2023 19:40
 Operator : SY/MD
 Sample : 03706-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P21B

Quant Time: Jul 22 05:41:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1003	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	1612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	743	65.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.020%
35) Dibromofluoromethane	7.722	113	210	20.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.920%#
50) Toluene-d8	10.185	98	1992	52.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.483	95	199	13.718	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	27.440%#

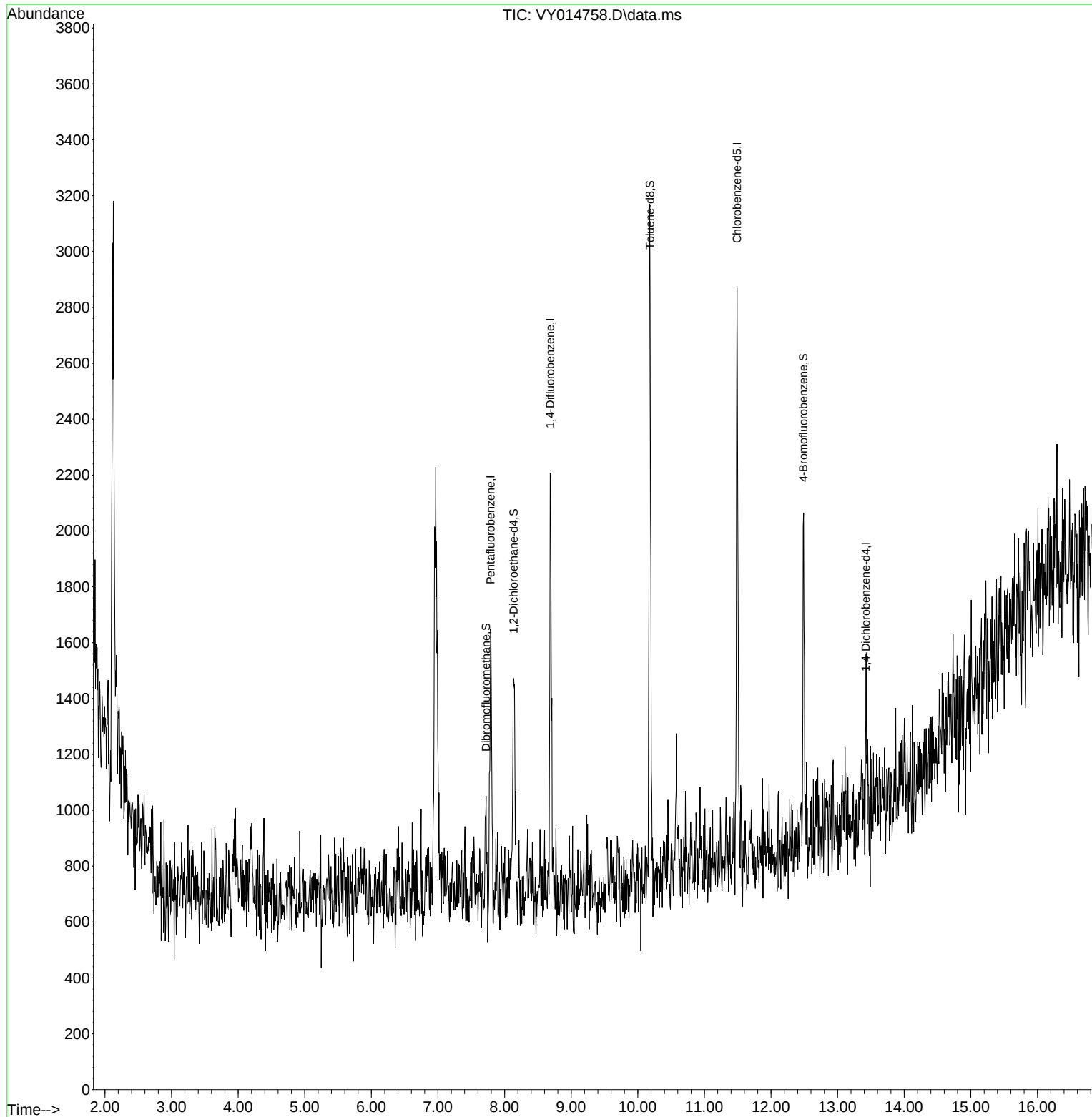
Target Compounds	Qvalue

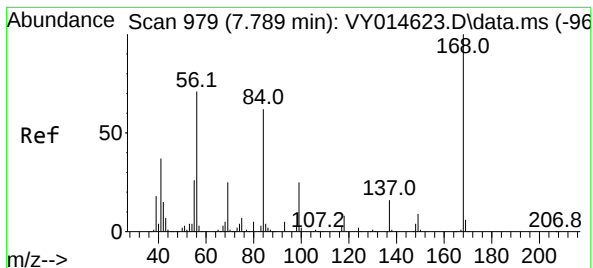
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014758.D
Acq On : 21 Jul 2023 19:40
Operator : SY/MD
Sample : 03706-08
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P21B

Quant Time: Jul 22 05:41:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 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: VY014758.D

Acq: 21 Jul 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

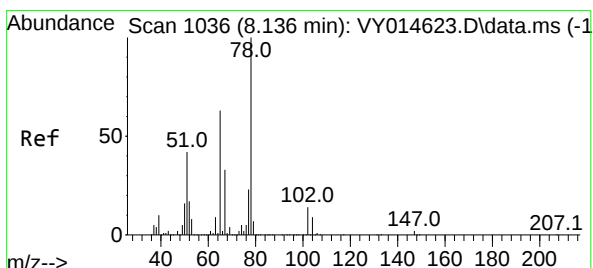
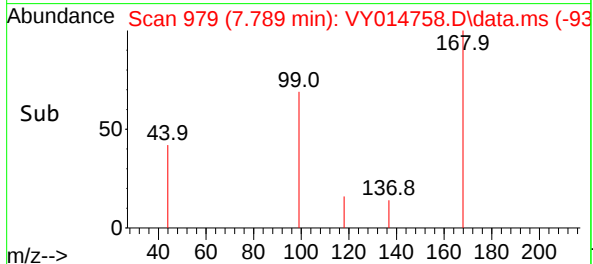
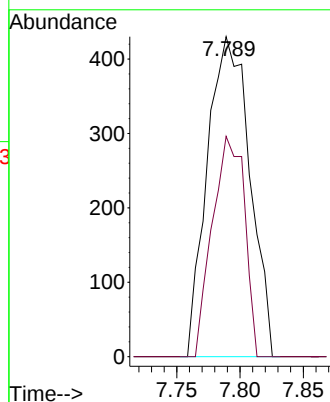
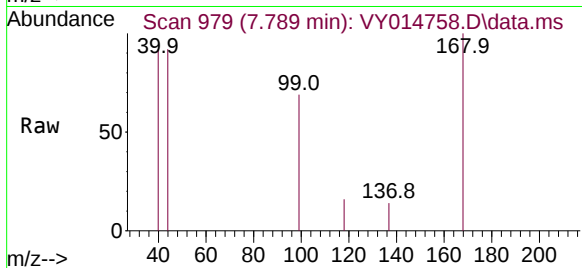
B-P21B

Tgt Ion:168 Resp: 1003

Ion Ratio Lower Upper

168 100

99 68.8 43.4 65.0#



#33

1,2-Dichloroethane-d4

Concen: 65.007 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014758.D

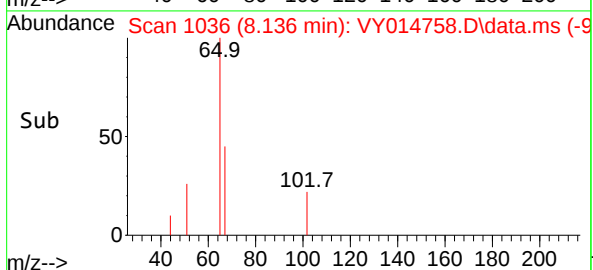
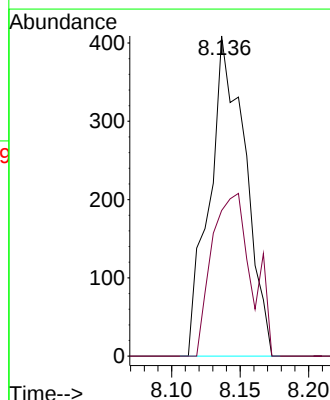
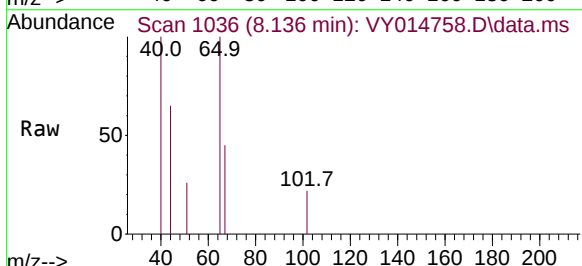
Acq: 21 Jul 2023 19:40

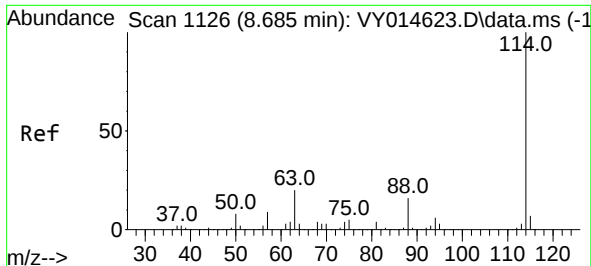
Tgt Ion: 65 Resp: 743

Ion Ratio Lower Upper

65 100

67 56.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014758.D

Acq: 21 Jul 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

B-P21B

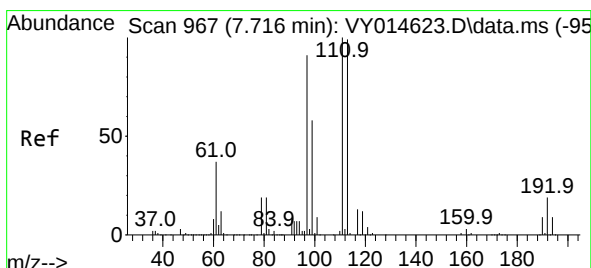
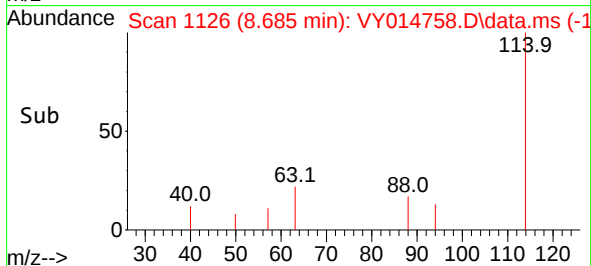
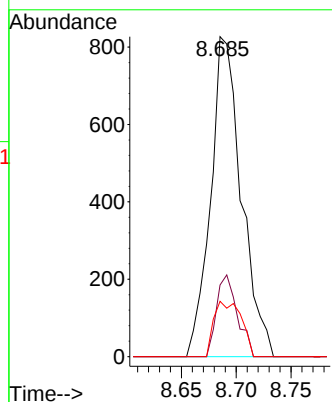
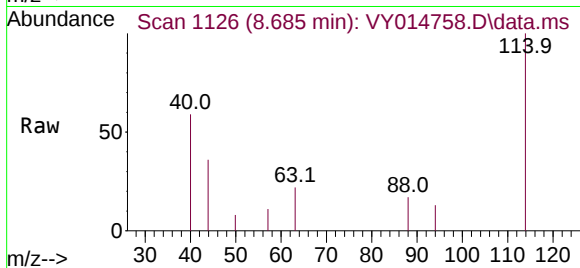
Tgt Ion:114 Resp: 1612

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 20.465 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014758.D

Acq: 21 Jul 2023 19:40

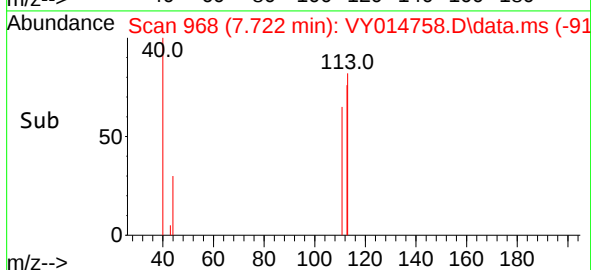
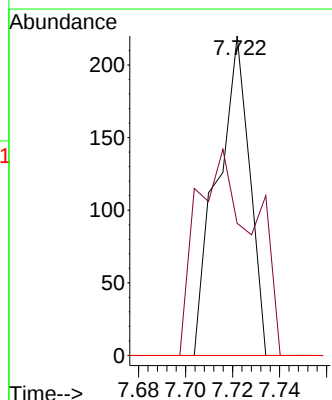
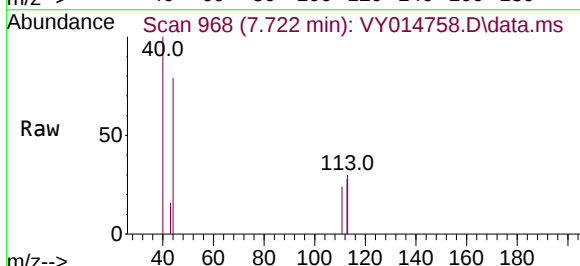
Tgt Ion:113 Resp: 210

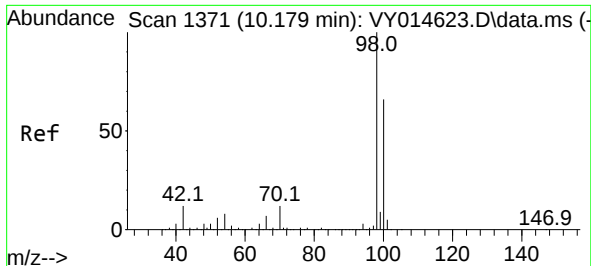
Ion Ratio Lower Upper

113 100

111 112.9 81.3 121.9

192 0.0 16.9 25.3#

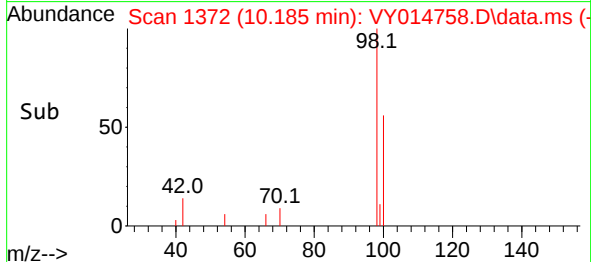
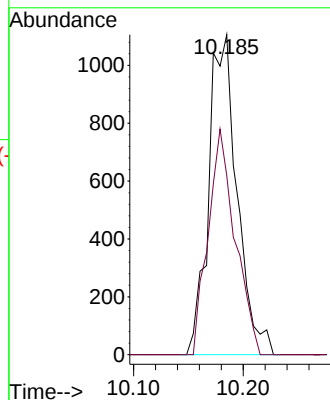
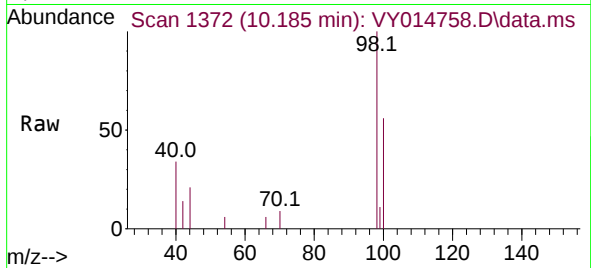




#50
Toluene-d8
Concen: 52.653 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014758.D
Acq: 21 Jul 2023 19:40

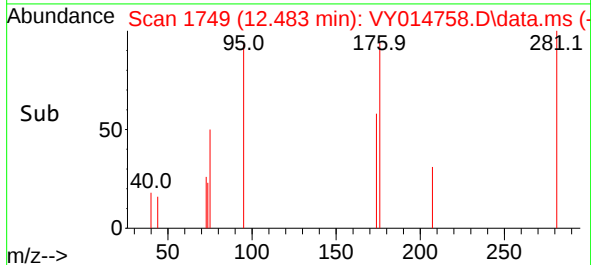
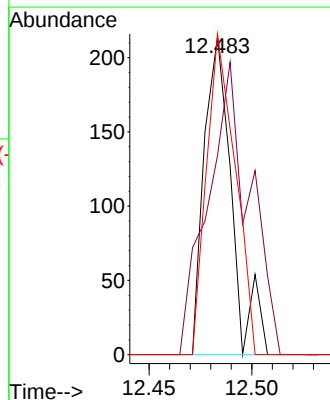
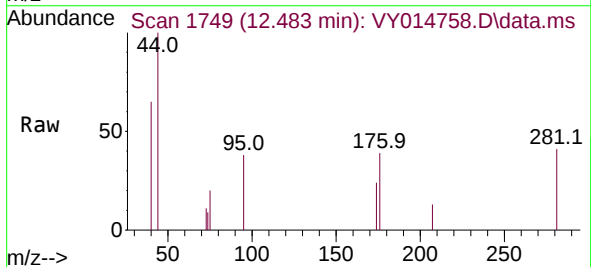
Instrument :
MSVOA_Y
ClientSampleId :
B-P21B

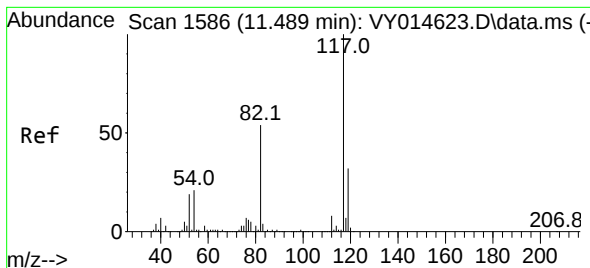
Tgt Ion: 98 Resp: 1992
Ion Ratio Lower Upper
98 100
100 66.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 13.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014758.D
Acq: 21 Jul 2023 19:40

Tgt Ion: 95 Resp: 199
Ion Ratio Lower Upper
95 100
174 139.2 0.0 178.2
176 105.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014758.D

Acq: 21 Jul 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

B-P21B

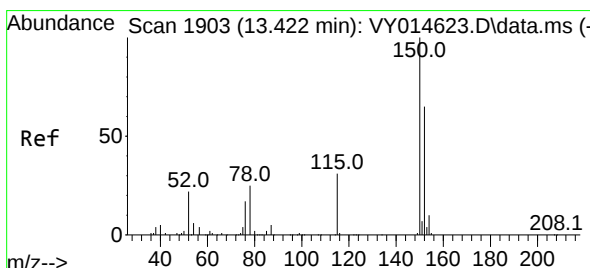
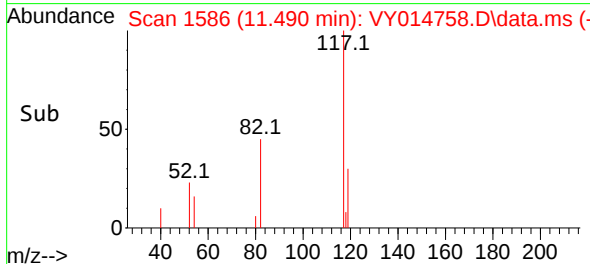
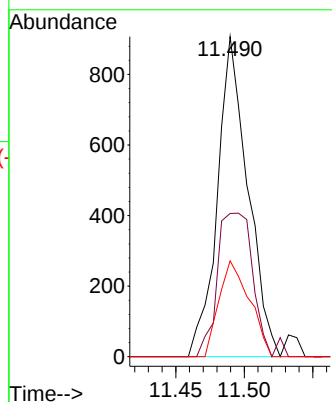
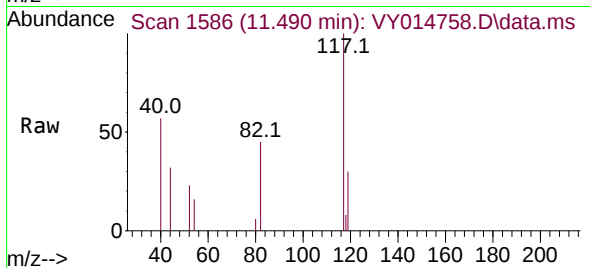
Tgt Ion:117 Resp: 1402

Ion Ratio Lower Upper

117 100

82 44.8 43.4 65.0

119 30.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014758.D

Acq: 21 Jul 2023 19:40

Tgt Ion:152 Resp: 132

Ion Ratio Lower Upper

152 100

115 46.2 28.8 86.5

150 172.7 0.0 348.8

