

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014705.D
 Acq On : 18 Jul 2023 16:44
 Operator : SY/MD
 Sample : 03641-01
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP13

Quant Time: Jul 19 04:06:32 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	199021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121360	53.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.020%
35) Dibromofluoromethane	7.716	113	108755	49.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.179	98	407496	50.589	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.180%
62) 4-Bromofluorobenzene	12.477	95	148811	48.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.360%

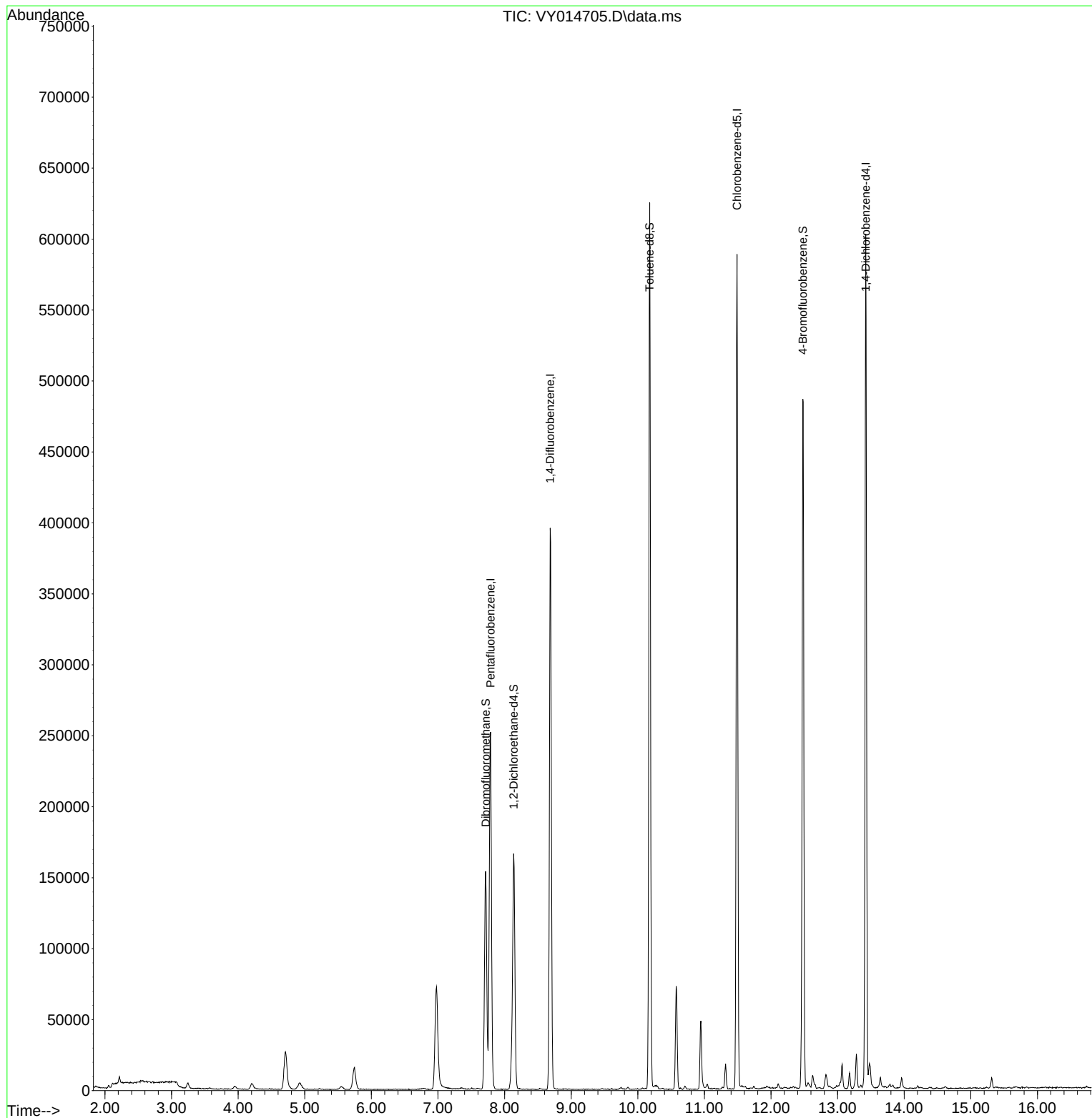
Target Compounds	Qvalue

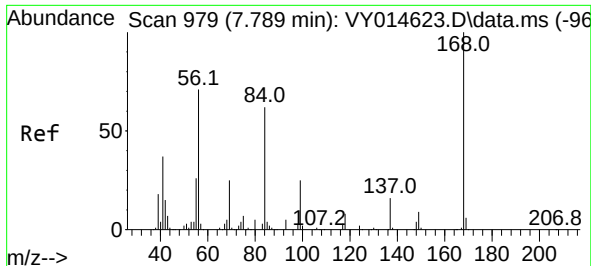
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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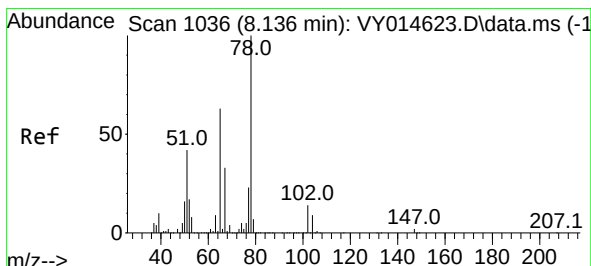
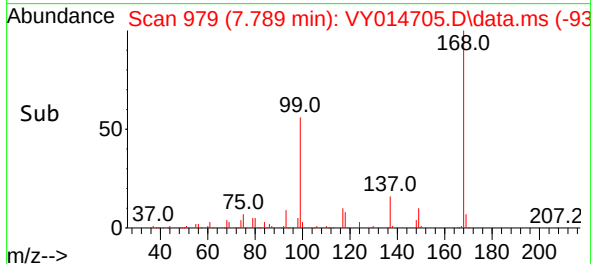
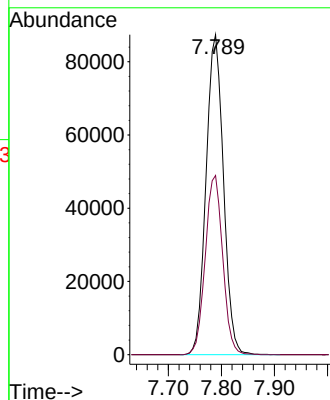
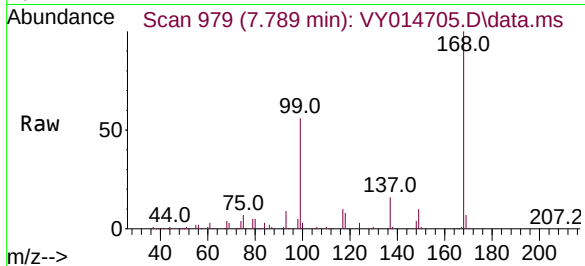




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014705.D
Acq: 18 Jul 2023 16:44

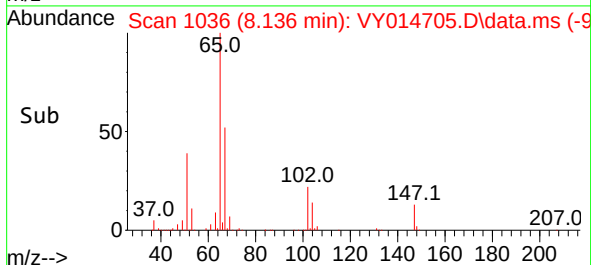
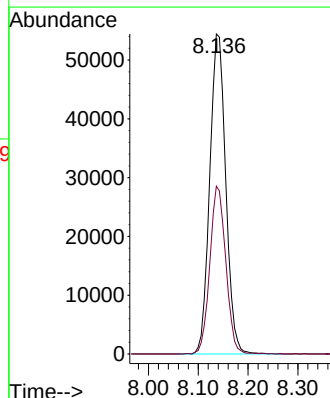
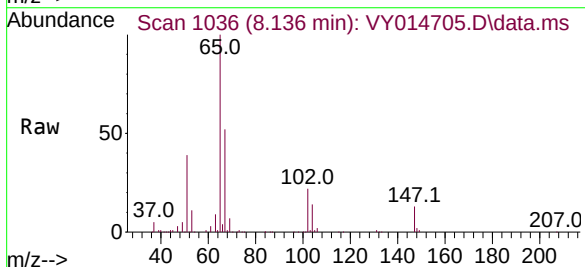
Instrument :
MSVOA_Y
ClientSampleId :
TP13

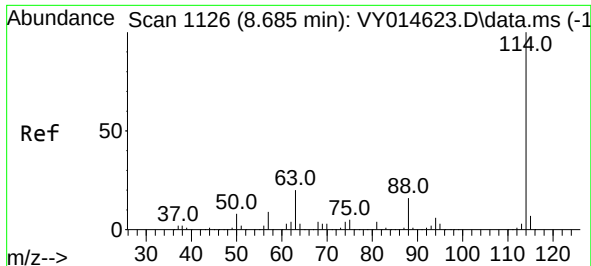
Tgt Ion:168 Resp: 199021
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.512 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014705.D
Acq: 18 Jul 2023 16:44

Tgt Ion: 65 Resp: 121360
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

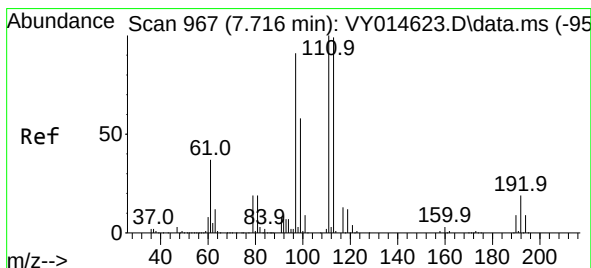
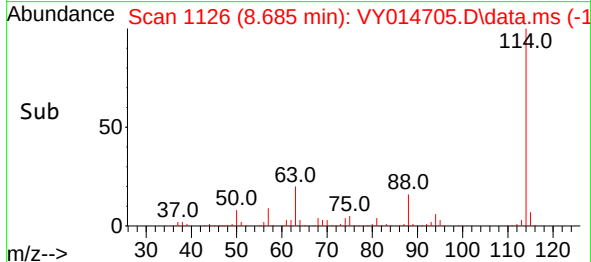
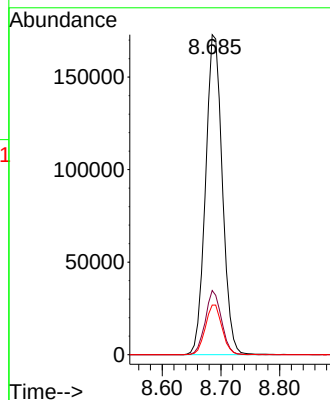
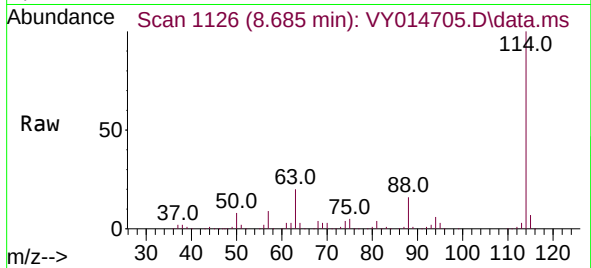




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014705.D
Acq: 18 Jul 2023 16:44

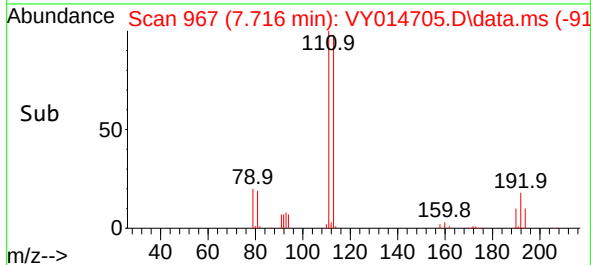
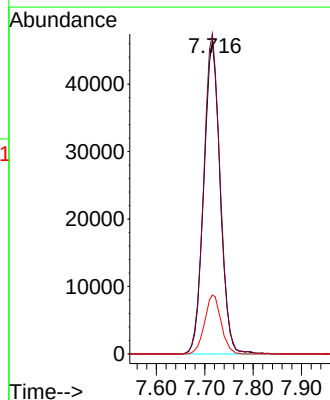
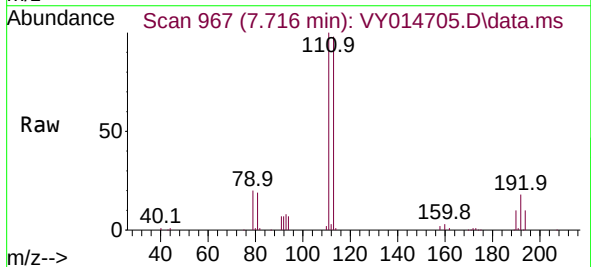
Instrument :
MSVOA_Y
ClientSampleId :
TP13

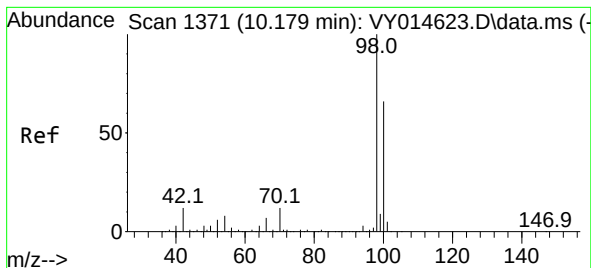
Tgt Ion:114 Resp: 343217
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.777 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014705.D
Acq: 18 Jul 2023 16:44

Tgt Ion:113 Resp: 108755
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.0 16.9 25.3





#50

Toluene-d8

Concen: 50.589 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014705.D

Acq: 18 Jul 2023 16:44

Instrument :

MSVOA_Y

ClientSampleId :

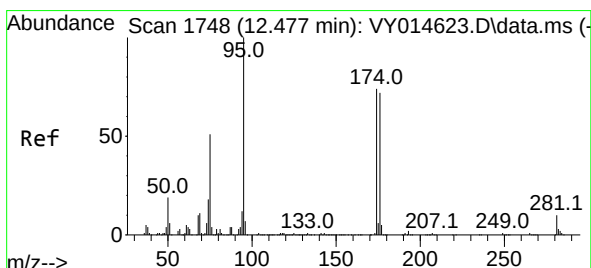
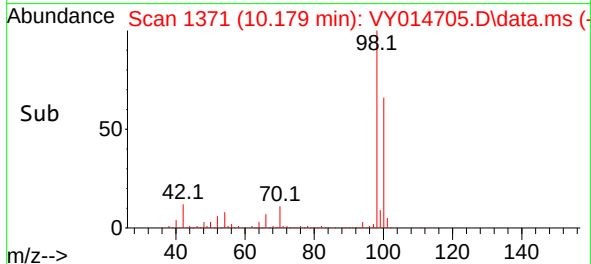
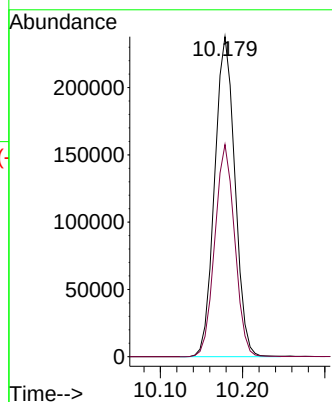
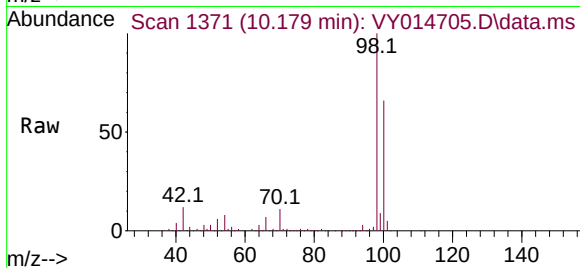
TP13

Tgt Ion: 98 Resp: 407496

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.181 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY014705.D

Acq: 18 Jul 2023 16:44

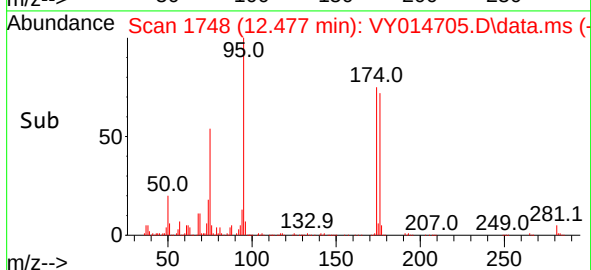
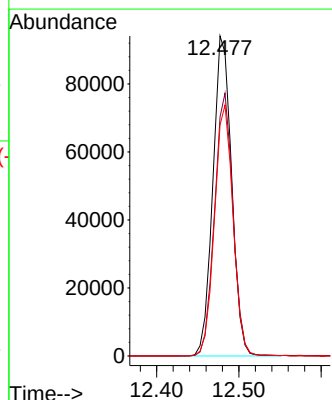
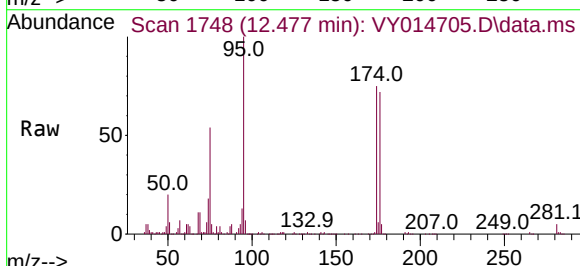
Tgt Ion: 95 Resp: 148811

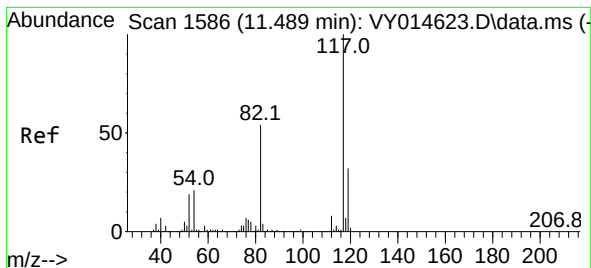
Ion Ratio Lower Upper

95 100

174 81.3 0.0 178.2

176 77.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014705.D

Acq: 18 Jul 2023 16:44

Instrument :

MSVOA_Y

ClientSampleId :

TP13

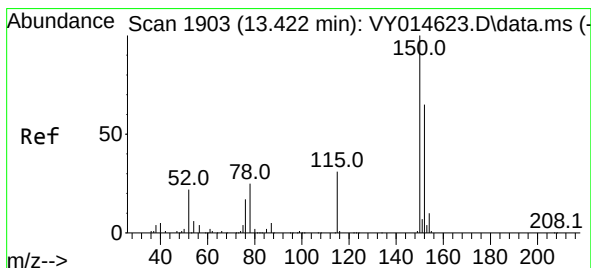
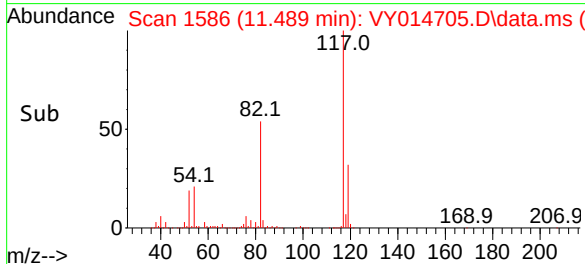
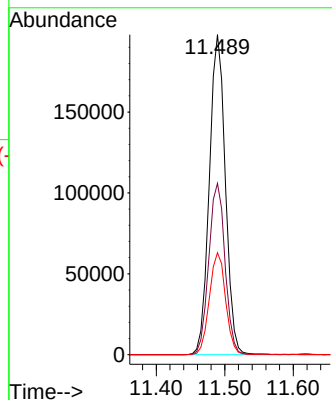
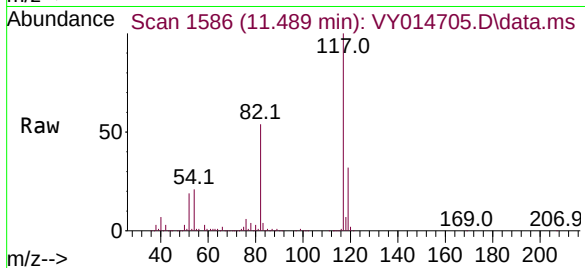
Tgt Ion:117 Resp: 321392

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 31.8 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: VY014705.D

Acq: 18 Jul 2023 16:44

Tgt Ion:152 Resp: 151744

Ion Ratio Lower Upper

152 100

115 61.0 28.8 86.5

150 157.9 0.0 348.8

