

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014695.D
 Acq On : 18 Jul 2023 12:35
 Operator : SY/MD
 Sample : 03653-21
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP22

Quant Time: Jul 19 04:02:41 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	206598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	366244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130165	55.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	115639	49.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.179	98	431854	50.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.477	95	164359	49.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.740%

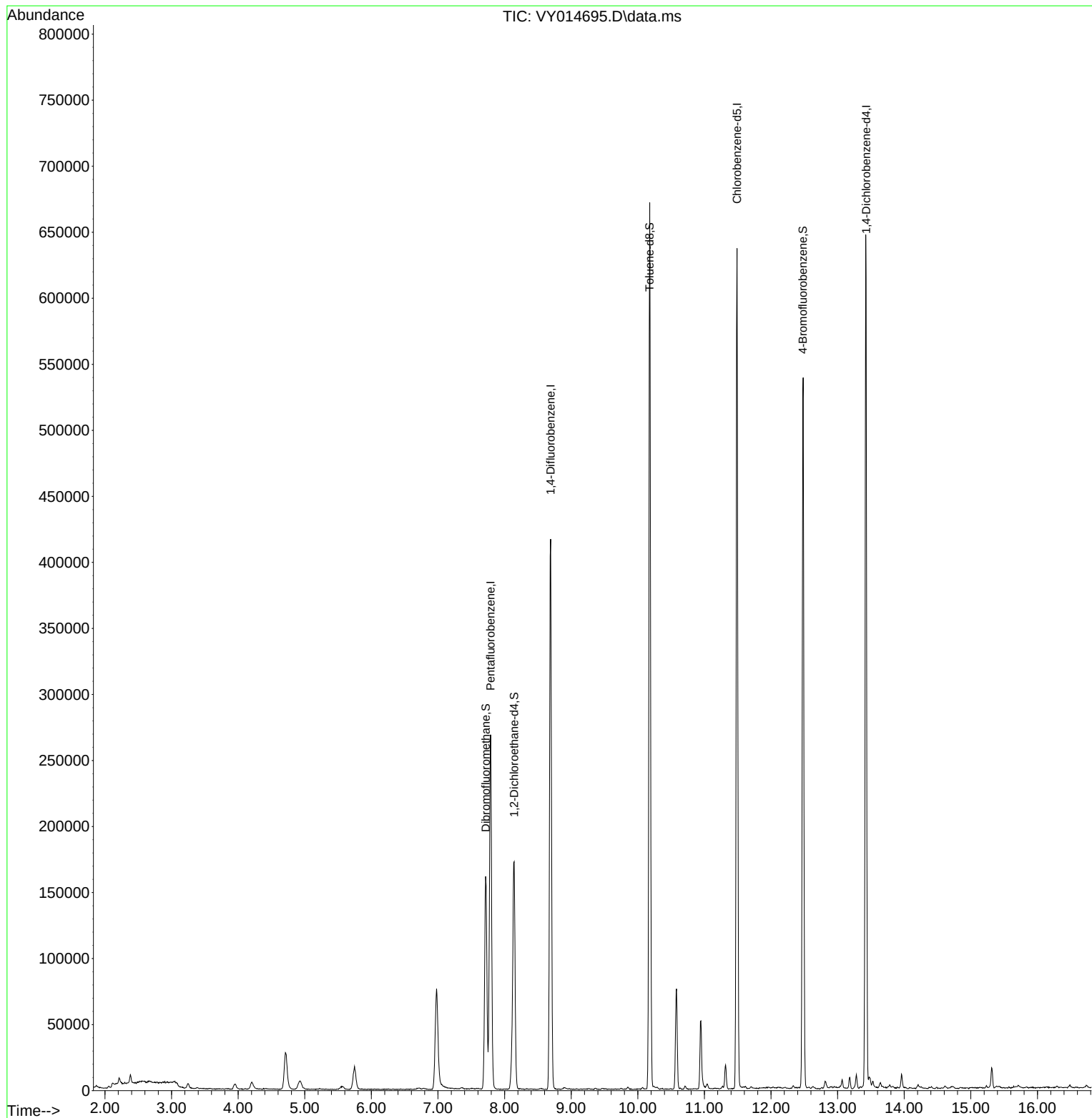
Target Compounds	Qvalue

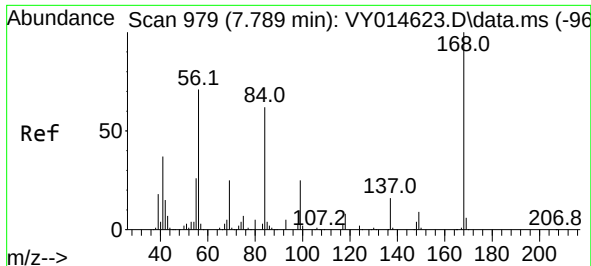
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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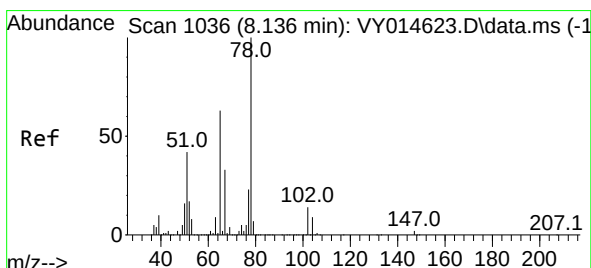
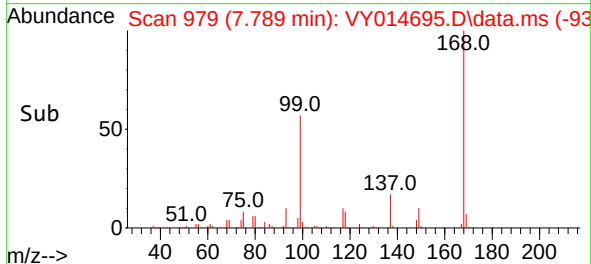
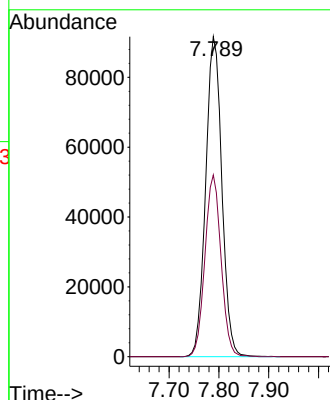
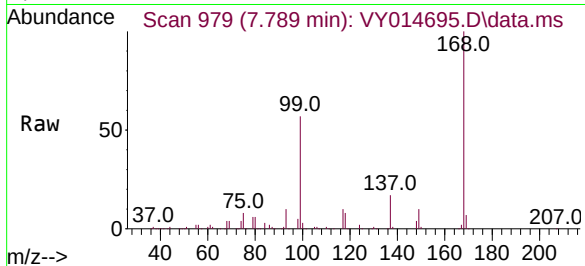




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014695.D
Acq: 18 Jul 2023 12:35

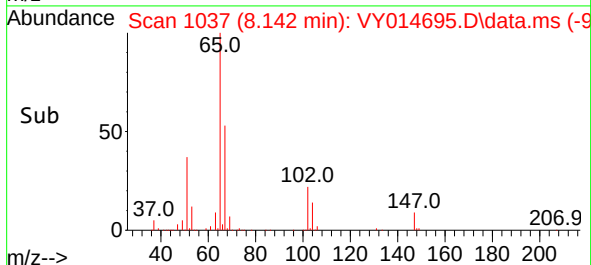
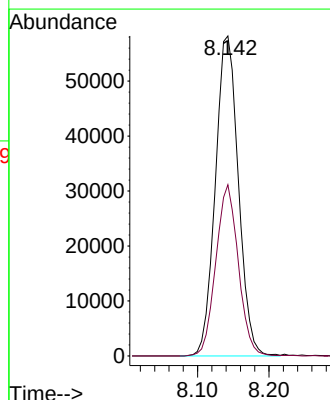
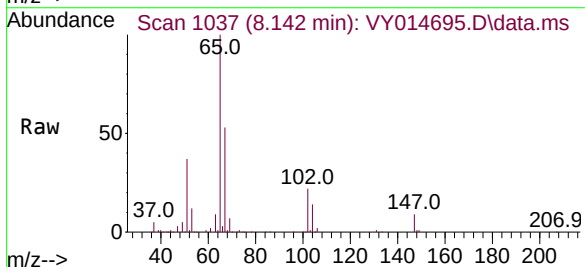
Instrument :
MSVOA_Y
ClientSampleId :
TP22

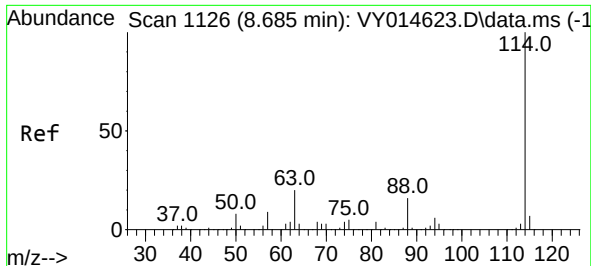
Tgt Ion:168 Resp: 206598
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.289 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014695.D
Acq: 18 Jul 2023 12:35

Tgt Ion: 65 Resp: 130165
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

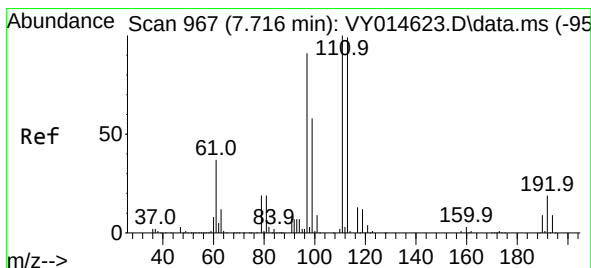
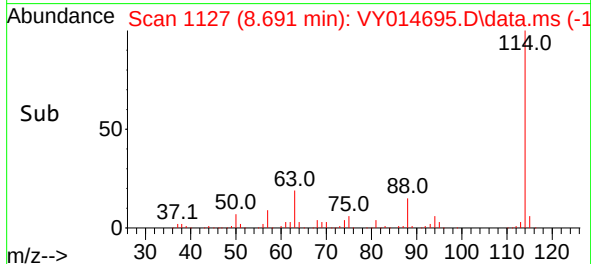
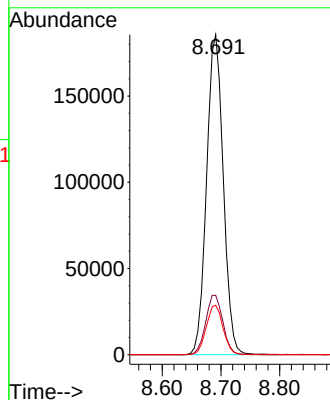
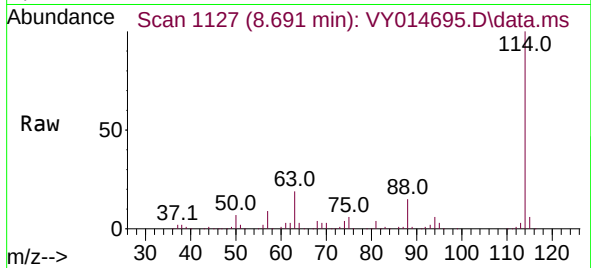




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014695.D
Acq: 18 Jul 2023 12:35

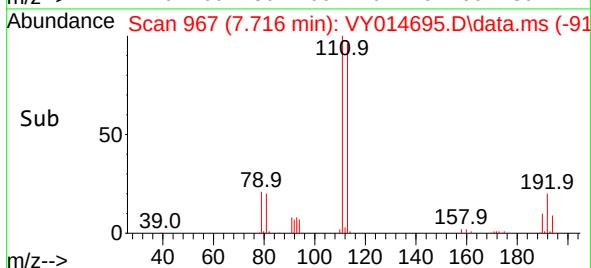
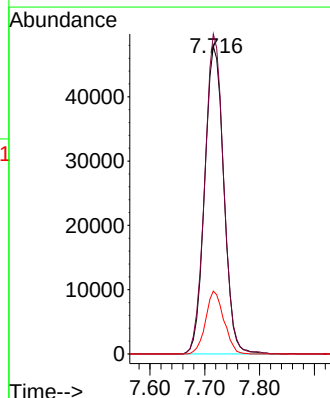
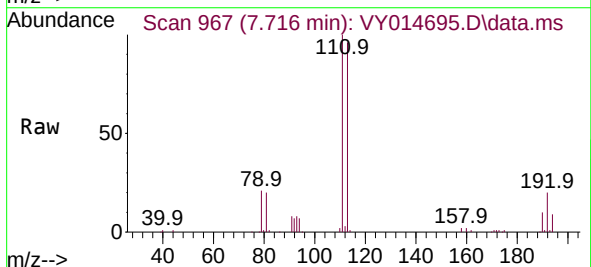
Instrument :
MSVOA_Y
ClientSampleId :
TP22

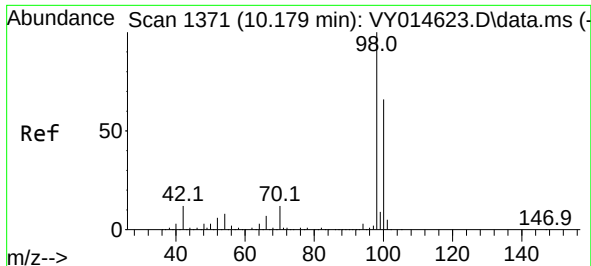
Tgt Ion:114 Resp: 366244
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.600 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014695.D
Acq: 18 Jul 2023 12:35

Tgt Ion:113 Resp: 115639
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.5 16.9 25.3

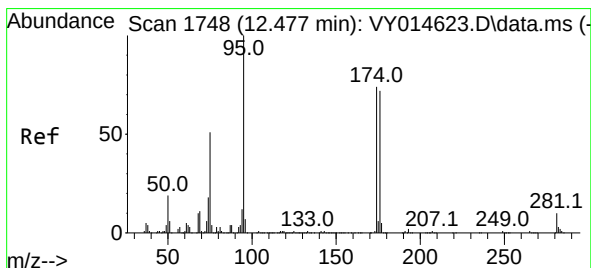
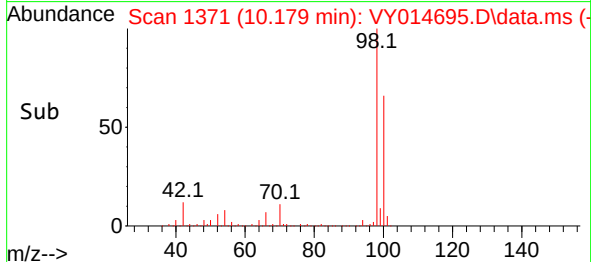
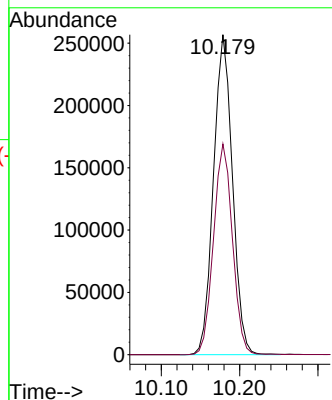
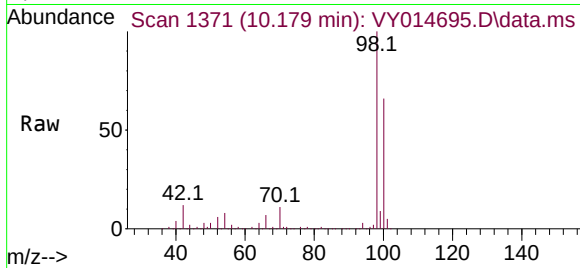




#50
Toluene-d8
Concen: 50.242 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014695.D
Acq: 18 Jul 2023 12:35

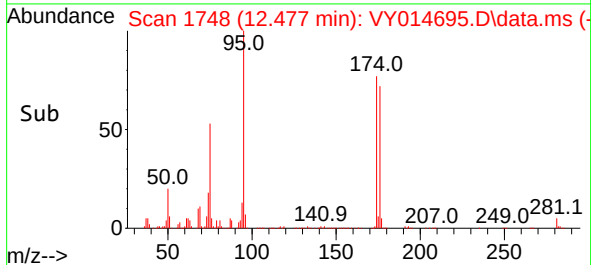
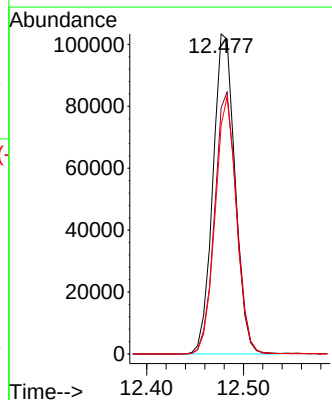
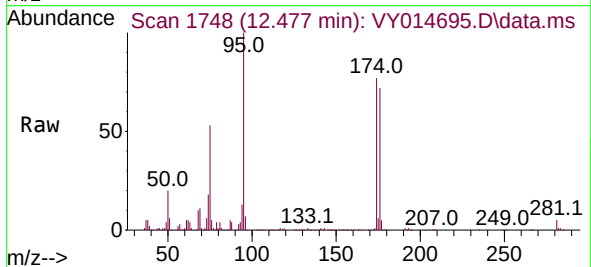
Instrument :
MSVOA_Y
ClientSampleId :
TP22

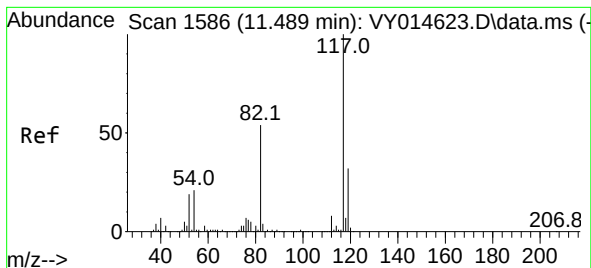
Tgt Ion: 98 Resp: 431854
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014695.D
Acq: 18 Jul 2023 12:35

Tgt Ion: 95 Resp: 164359
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 77.7 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: VY014695.D

Acq: 18 Jul 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

TP22

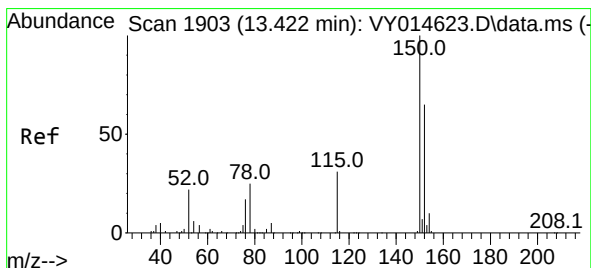
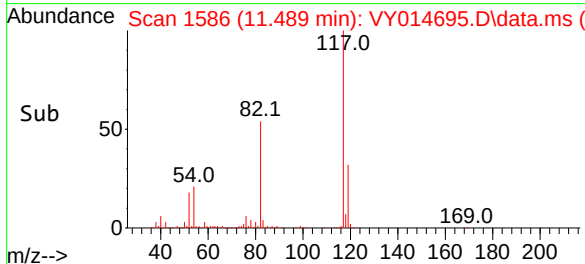
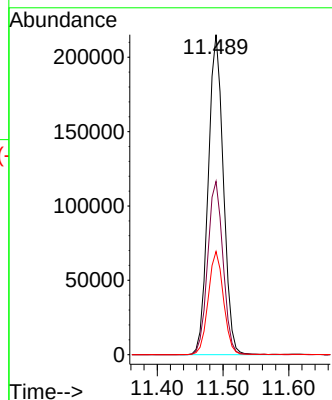
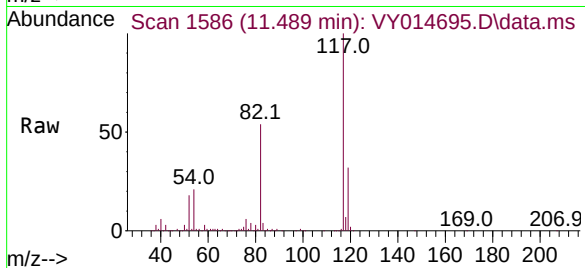
Tgt Ion:117 Resp: 345261

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014695.D

Acq: 18 Jul 2023 12:35

Tgt Ion:152 Resp: 164265

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 157.4 0.0 348.8

