

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014032.D
 Acq On : 06 Jun 2023 15:49
 Operator : KP/MD
 Sample : 03029-13
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Jun 07 01:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	274890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101027	50.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.716	113	90125	54.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.520%
50) Toluene-d8	10.179	98	328696	52.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.477	95	111973	52.319	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.640%

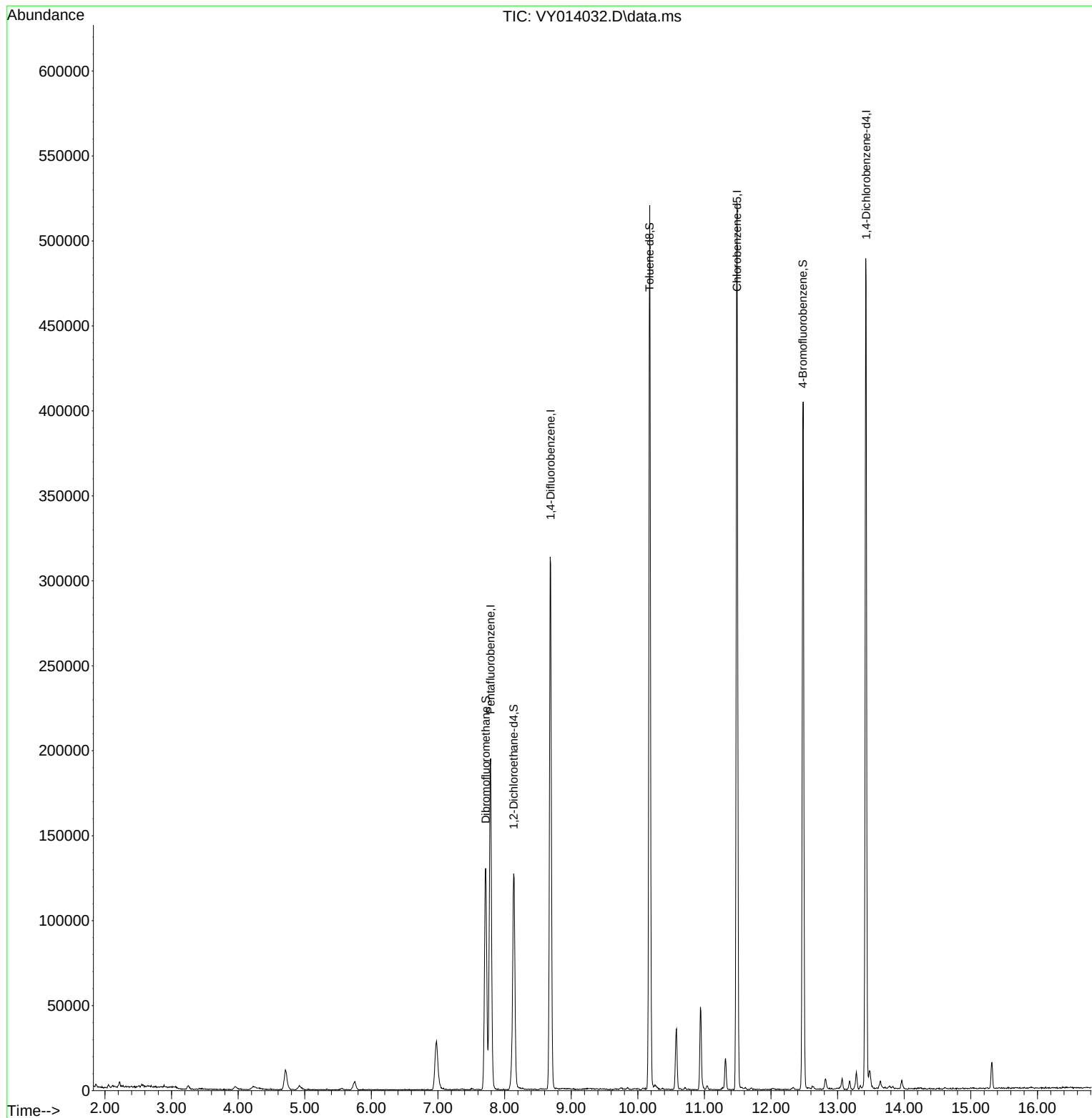
Target Compounds	Qvalue

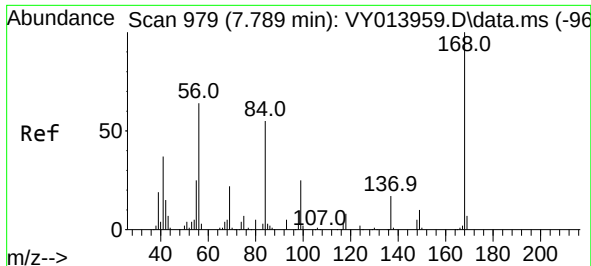
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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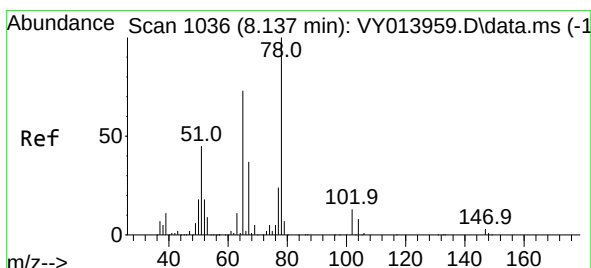
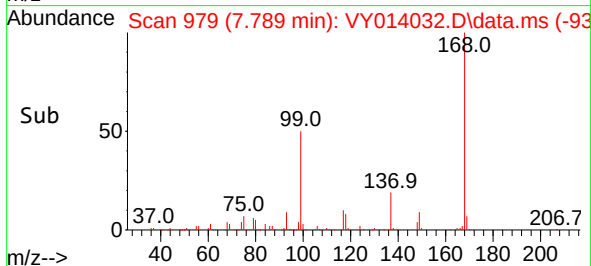
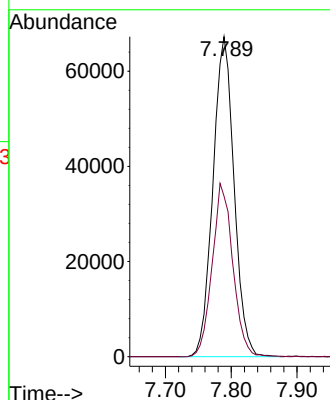
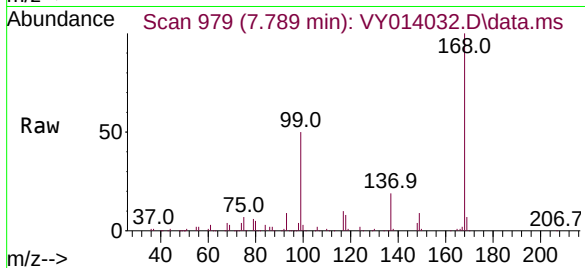




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014032.D
Acq: 06 Jun 2023 15:49

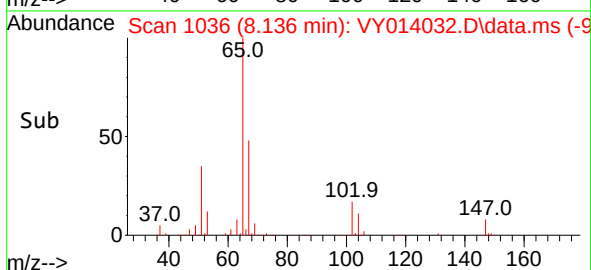
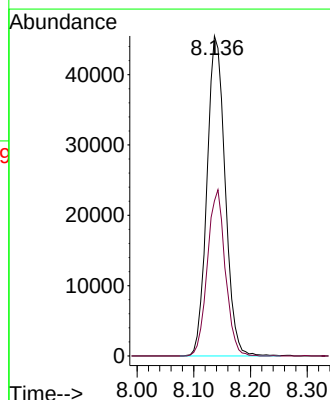
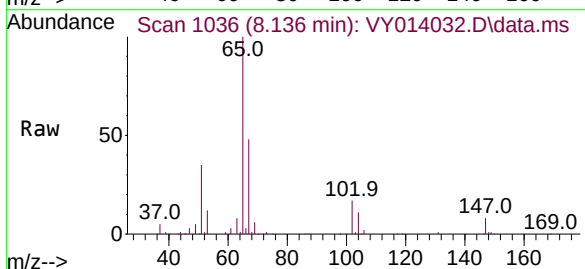
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

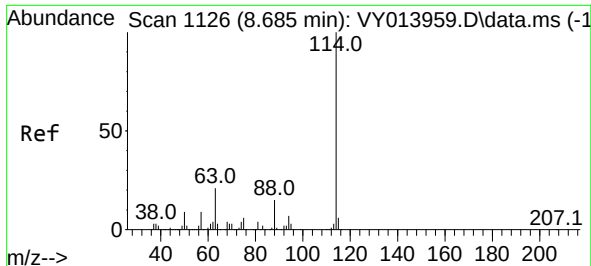
Tgt Ion:168 Resp: 150306
Ion Ratio Lower Upper
168 100
99 50.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.775 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014032.D
Acq: 06 Jun 2023 15:49

Tgt Ion: 65 Resp: 101027
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

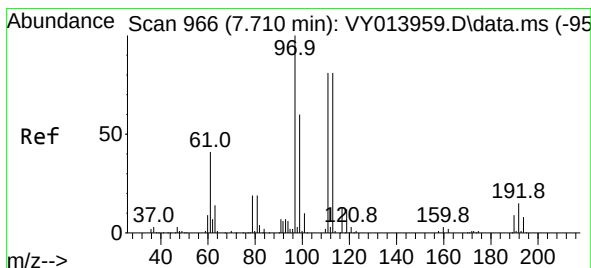
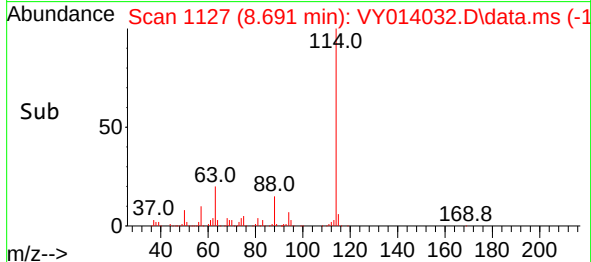
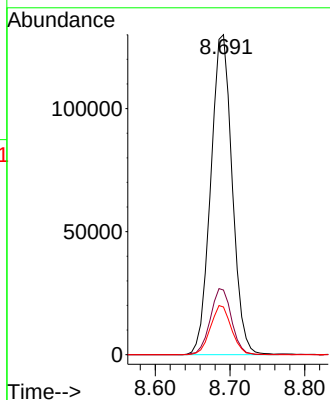
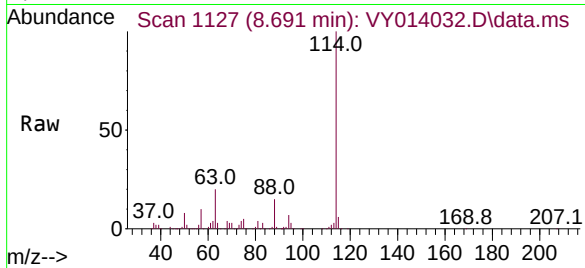




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014032.D
 Acq: 06 Jun 2023 15:49

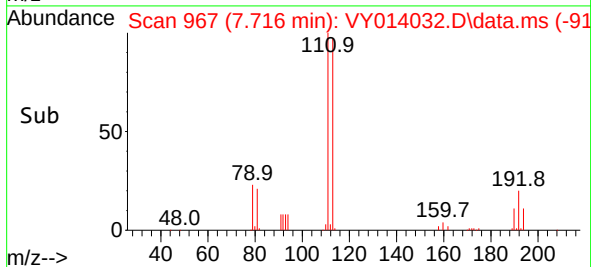
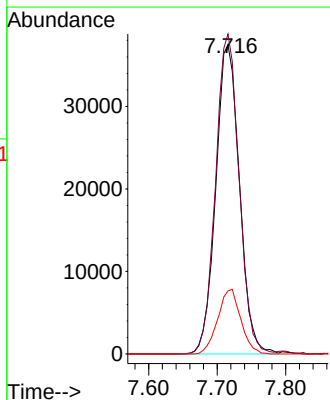
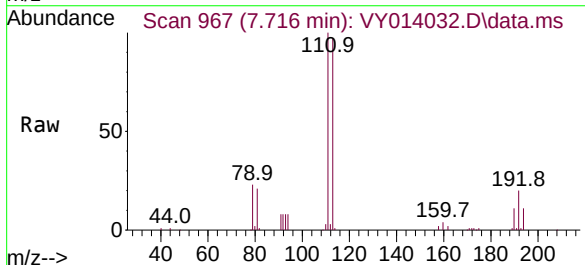
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

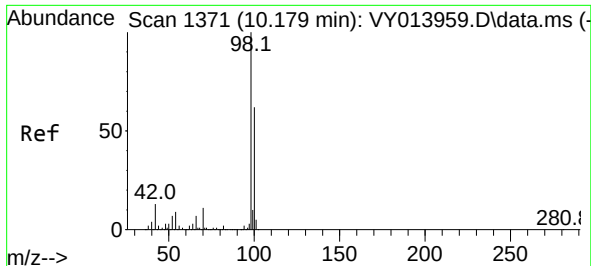
Tgt Ion:114 Resp: 258972
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 14.9 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 54.761 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY014032.D
 Acq: 06 Jun 2023 15:49

Tgt Ion:113 Resp: 90125
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 20.2 16.9 25.3

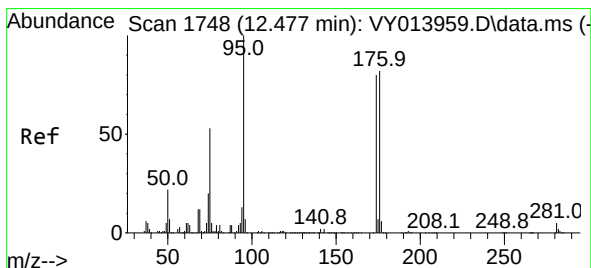
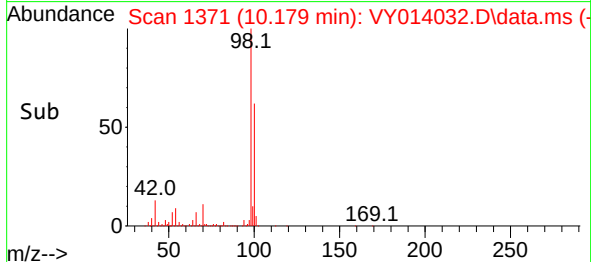
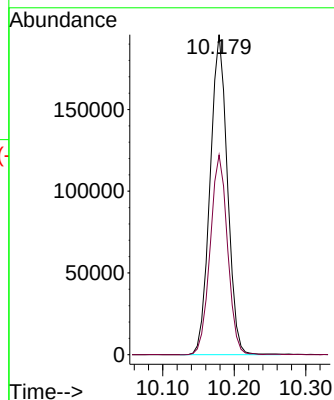
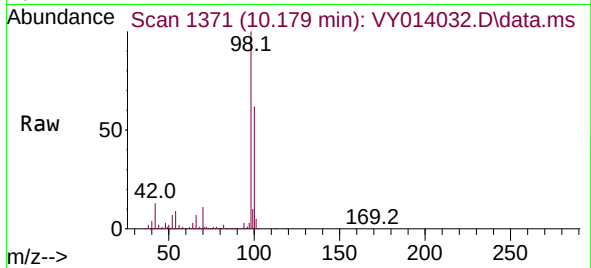




#50
Toluene-d8
Concen: 52.359 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014032.D
Acq: 06 Jun 2023 15:49

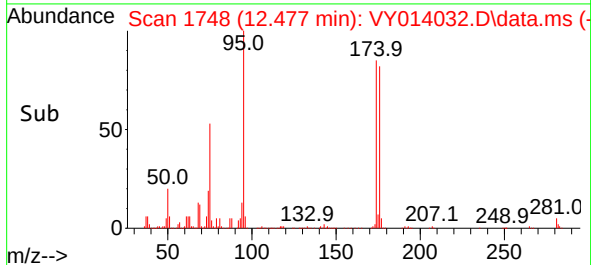
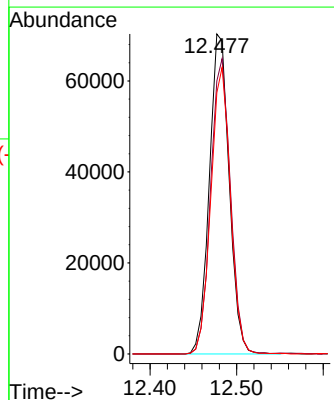
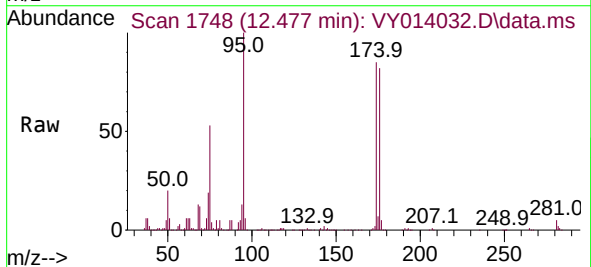
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

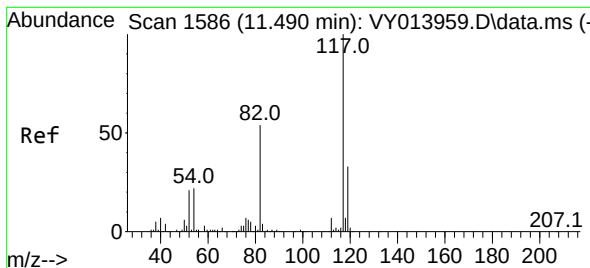
Tgt Ion: 98 Resp: 328696
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.319 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014032.D
Acq: 06 Jun 2023 15:49

Tgt Ion: 95 Resp: 111973
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 88.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014032.D

Acq: 06 Jun 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-10

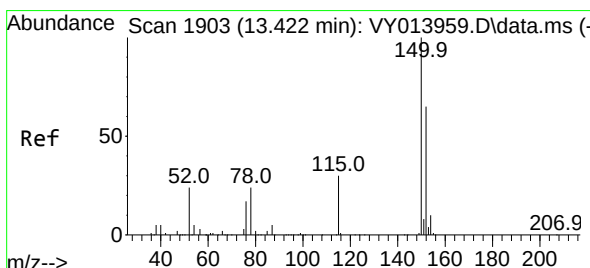
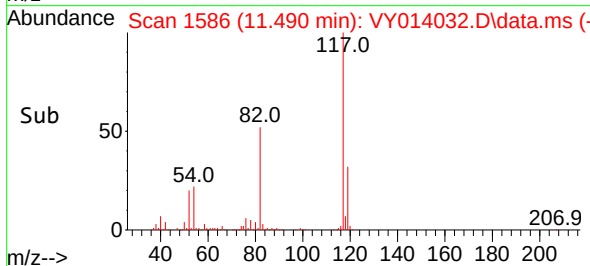
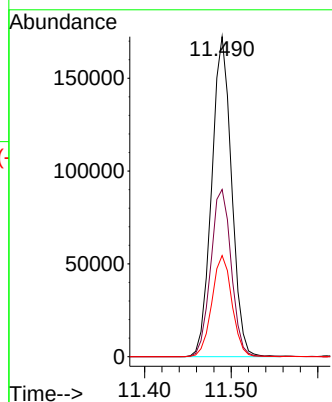
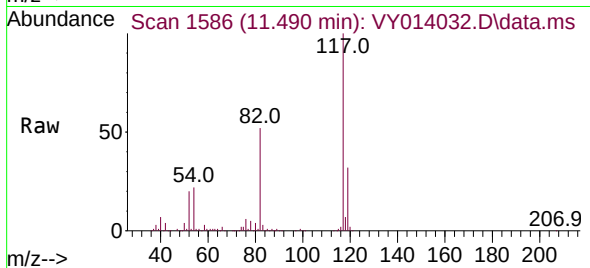
Tgt Ion:117 Resp: 274890

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 31.6 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: VY014032.D

Acq: 06 Jun 2023 15:49

Tgt Ion:152 Resp: 124682

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 158.5 0.0 348.8

