

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014432.D
 Acq On : 26 Jun 2023 14:30
 Operator : KP/MD
 Sample : 03402-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0623

Quant Time: Jun 27 01:47:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	70126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	101498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48409	55.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.200%
35) Dibromofluoromethane	7.716	113	34798	53.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.780%
50) Toluene-d8	10.179	98	124402	48.016	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.477	95	38974	42.136	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.280%

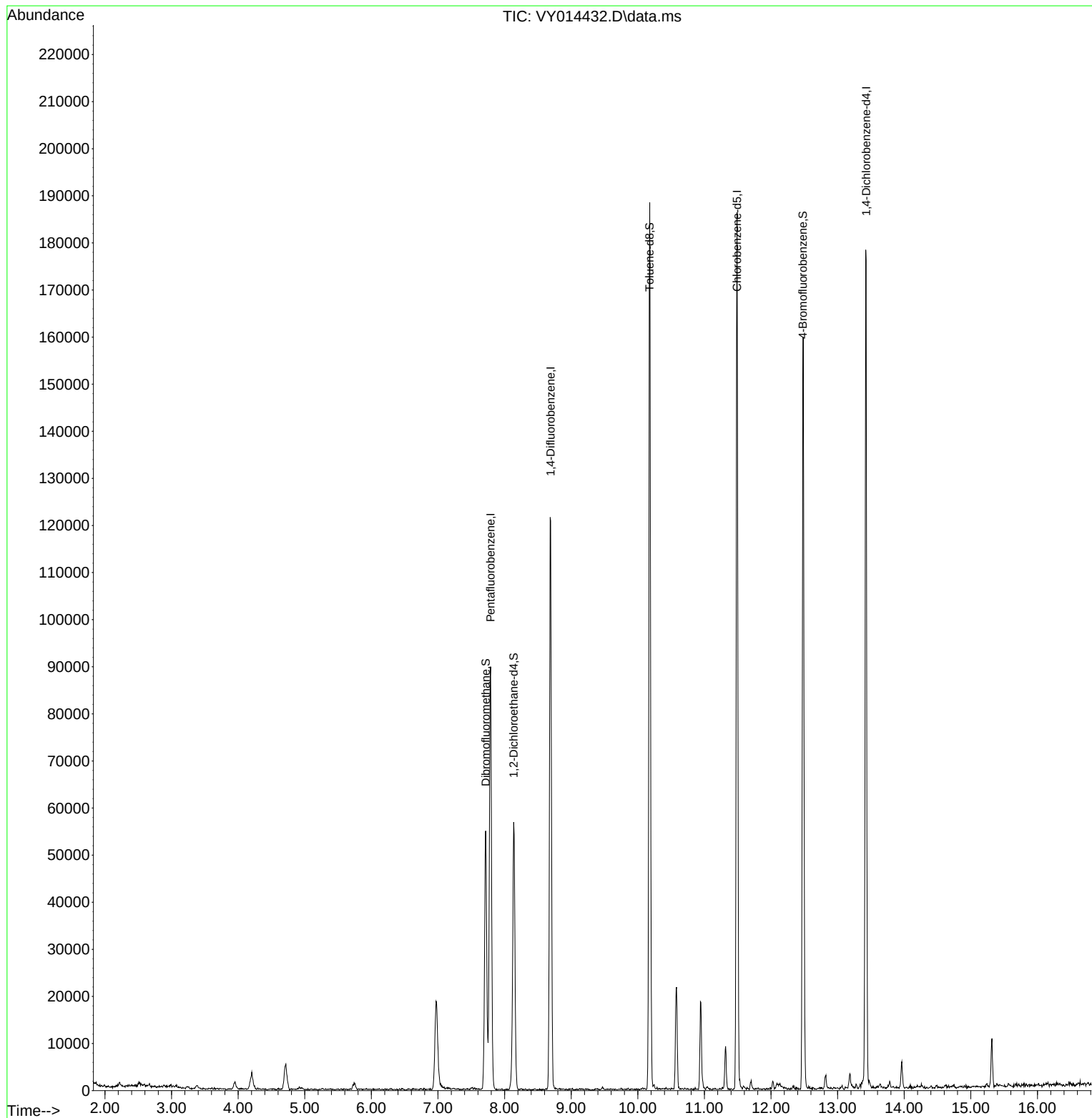
Target Compounds	Qvalue

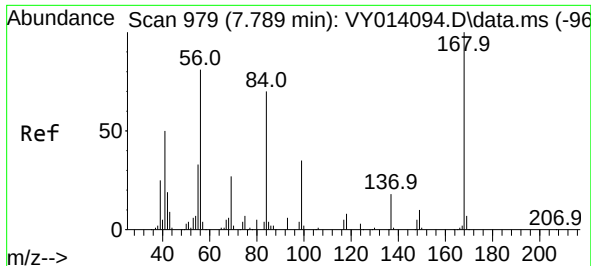
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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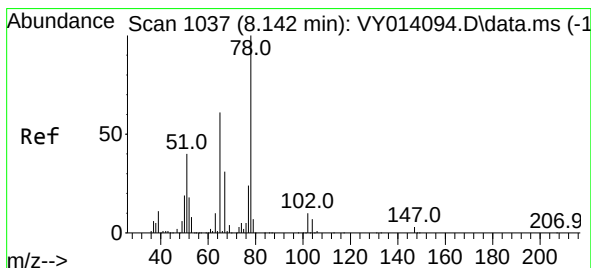
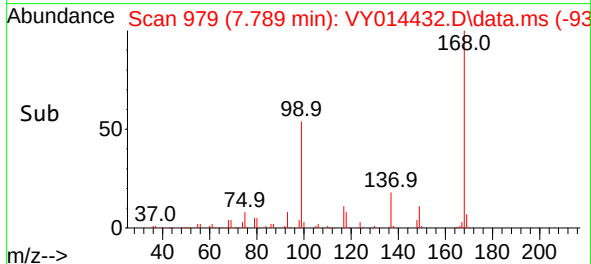
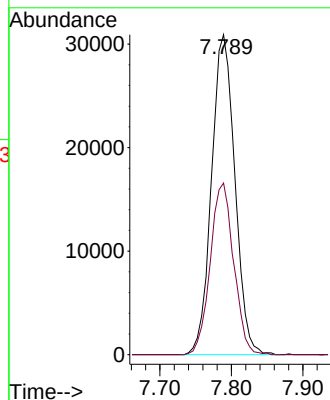
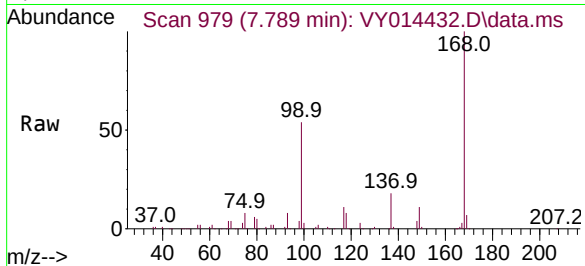




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014432.D
Acq: 26 Jun 2023 14:30

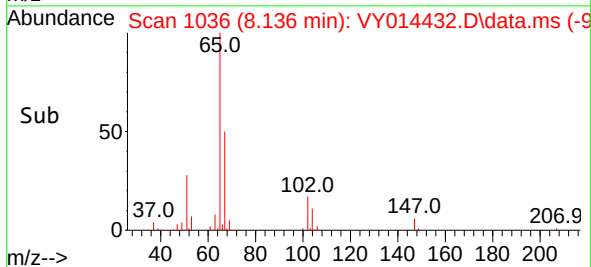
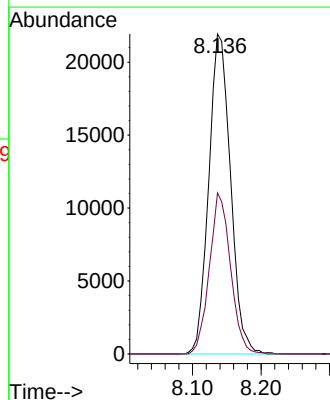
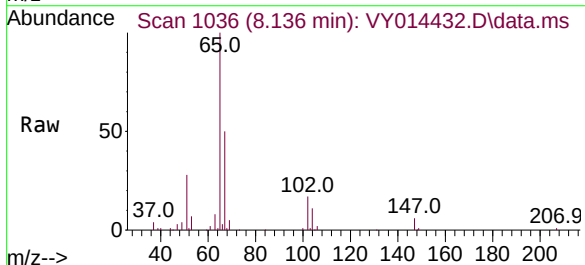
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0623

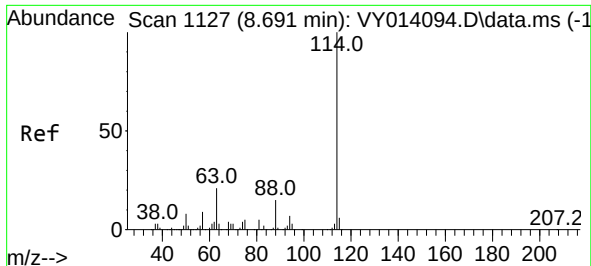
Tgt Ion:168 Resp: 70126
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.599 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014432.D
Acq: 26 Jun 2023 14:30

Tgt Ion: 65 Resp: 48409
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.8

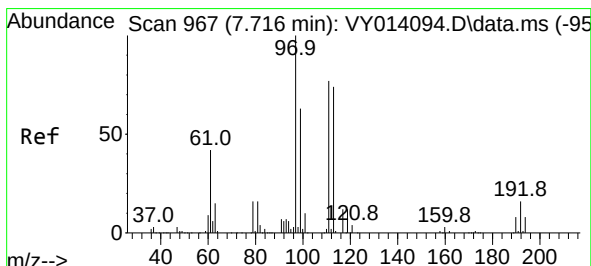
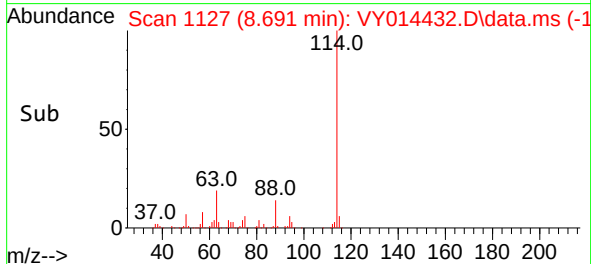
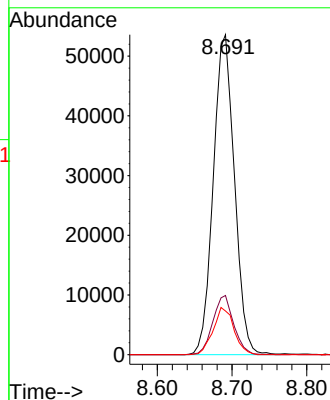
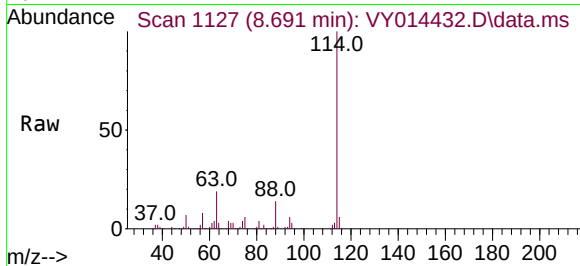




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014432.D
Acq: 26 Jun 2023 14:30

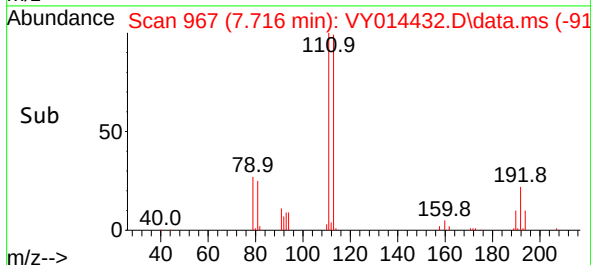
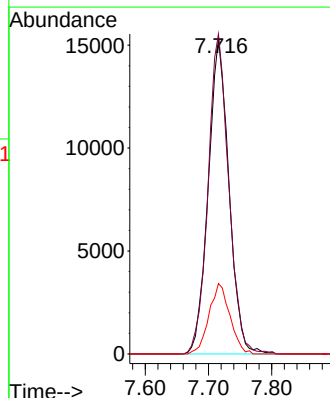
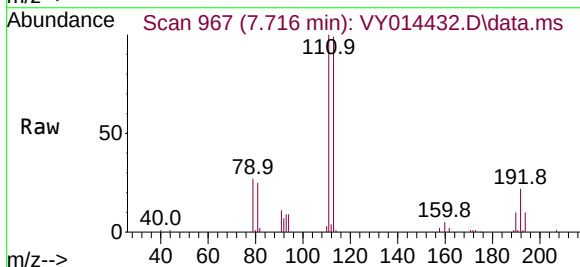
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0623

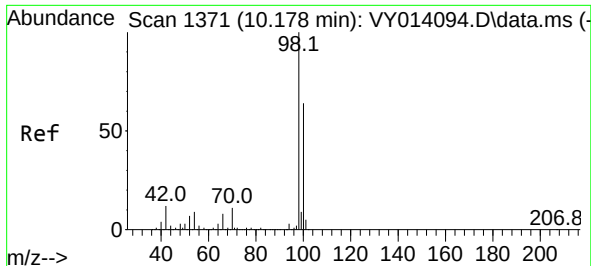
Tgt Ion:	114	Resp:	105495
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.4
88	13.7	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.390 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014432.D
Acq: 26 Jun 2023 14:30

Tgt Ion:	113	Resp:	34798
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.3	121.9
192	22.5	16.9	25.3

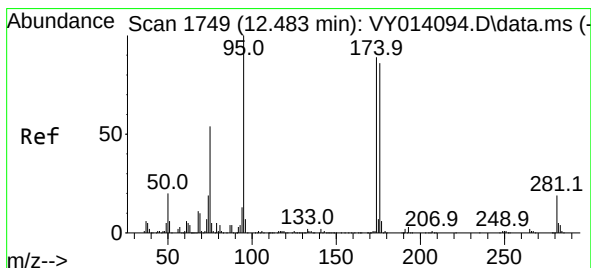
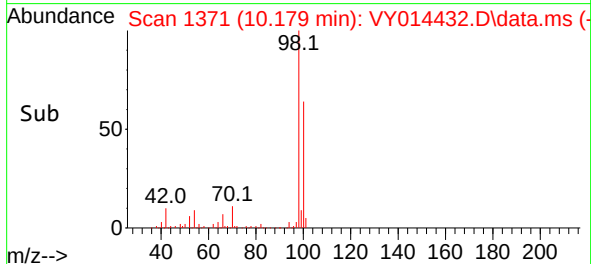
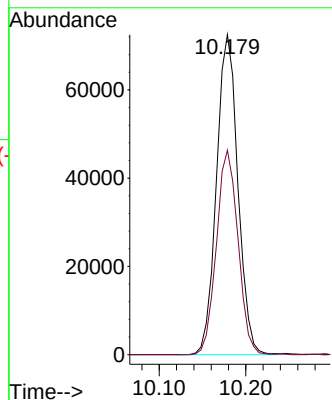
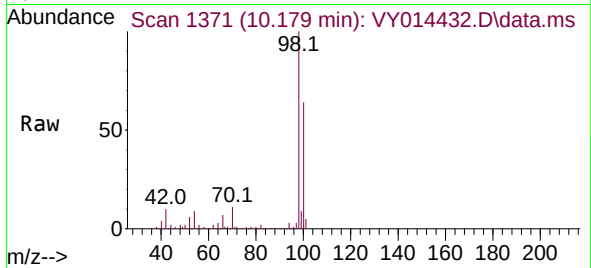




#50
Toluene-d8
Concen: 48.016 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014432.D
Acq: 26 Jun 2023 14:30

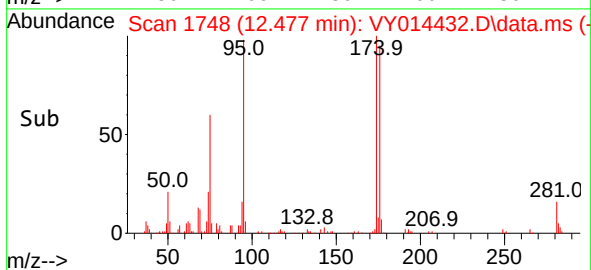
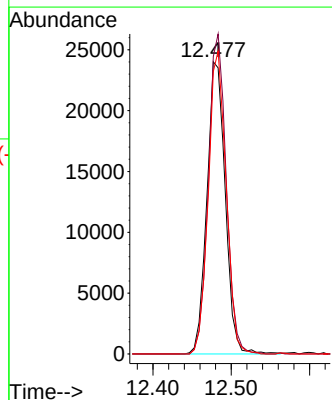
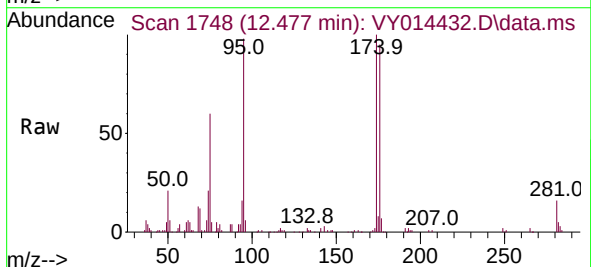
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0623

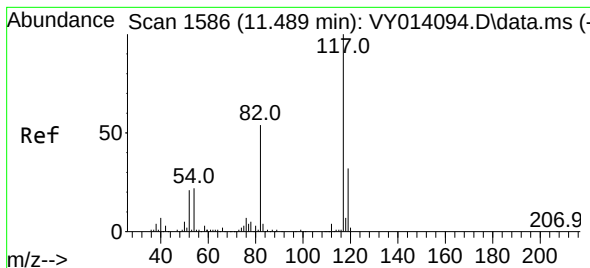
Tgt Ion: 98 Resp: 124402
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014432.D
Acq: 26 Jun 2023 14:30

Tgt Ion: 95 Resp: 38974
Ion Ratio Lower Upper
95 100
174 106.5 0.0 178.2
176 100.9 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: VY014432.D

Acq: 26 Jun 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0623

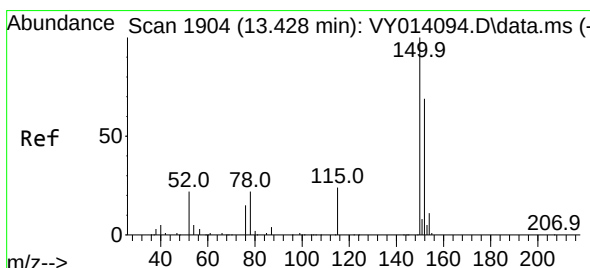
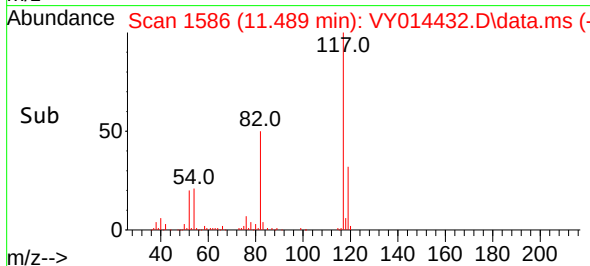
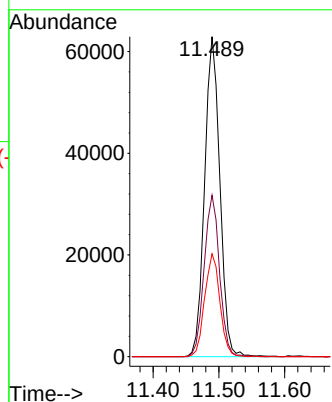
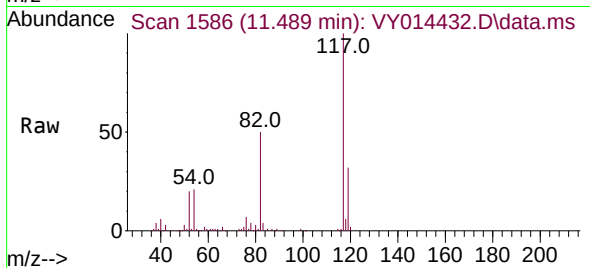
Tgt Ion:117 Resp: 101498

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014432.D

Acq: 26 Jun 2023 14:30

Tgt Ion:152 Resp: 47462

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.5

150 156.0 0.0 348.8

