

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014278.D
 Acq On : 20 Jun 2023 13:12
 Operator : KP/MD
 Sample : 03288-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-2-061523

Quant Time: Jun 20 16:07:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	68443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	98811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42724	44.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.660%
35) Dibromofluoromethane	7.715	113	34800	49.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.178	98	117992	45.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.080%
62) 4-Bromofluorobenzene	12.483	95	33844	36.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.740%

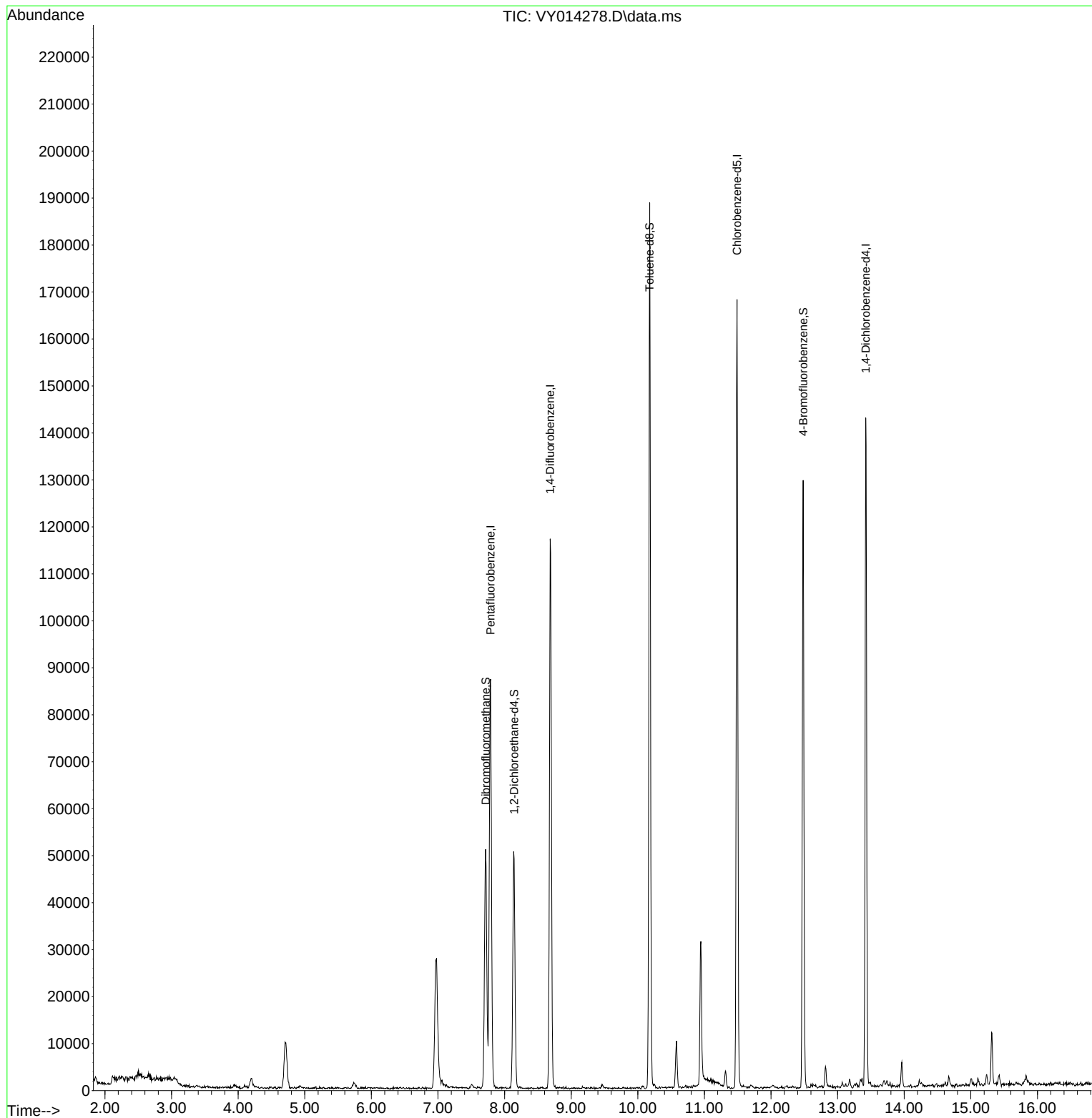
Target Compounds	Qvalue

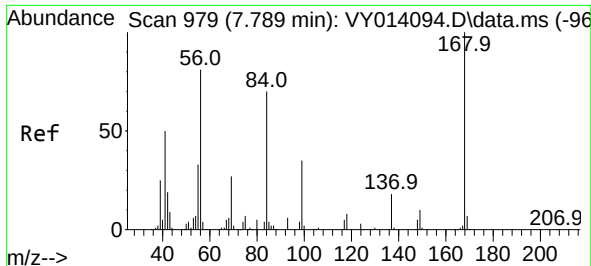
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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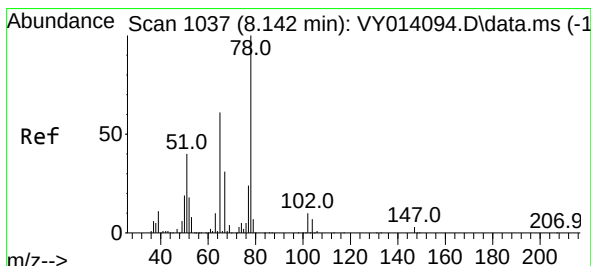
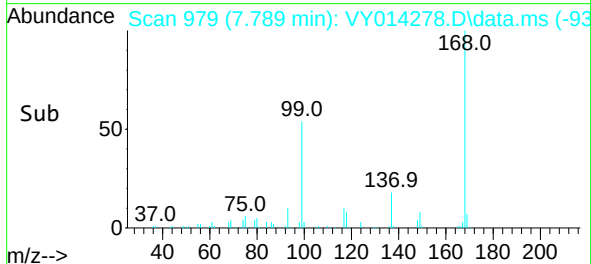
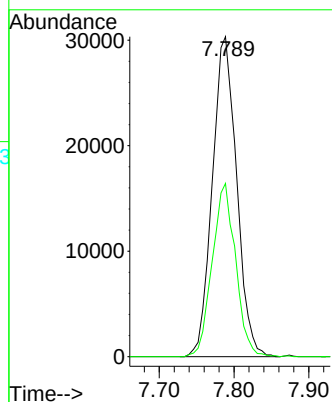
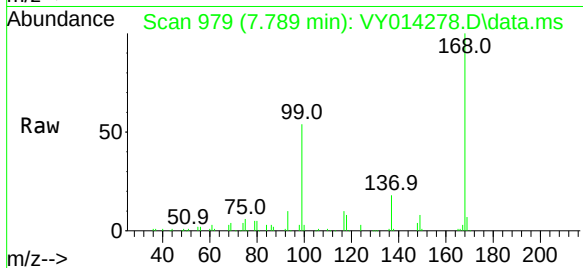




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014278.D
Acq: 20 Jun 2023 13:12

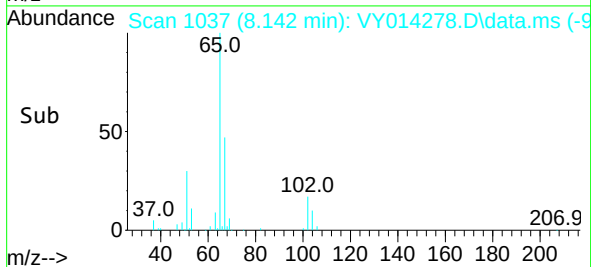
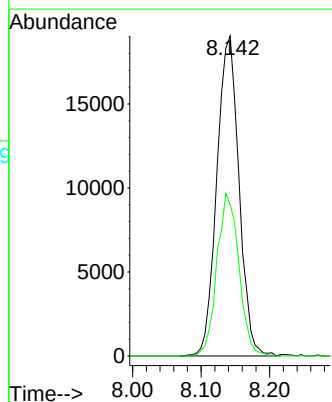
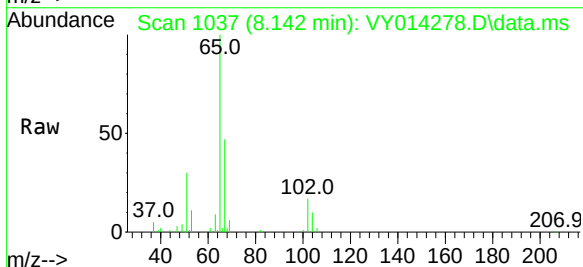
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-061523

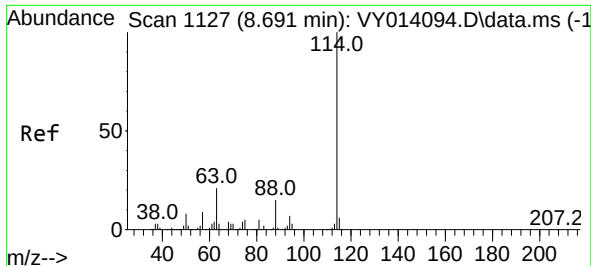
Tgt Ion:168 Resp: 68443
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.827 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014278.D
Acq: 20 Jun 2023 13:12

Tgt Ion: 65 Resp: 42724
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014278.D

Acq: 20 Jun 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-061523

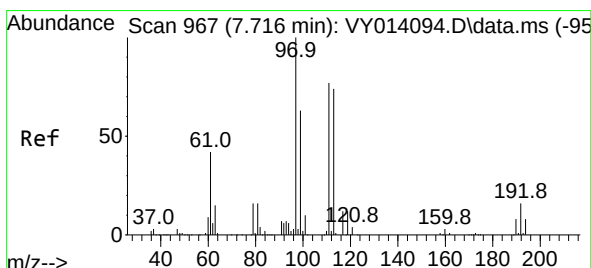
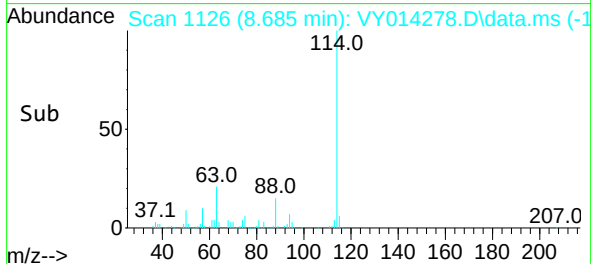
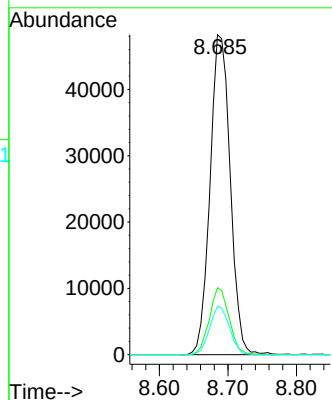
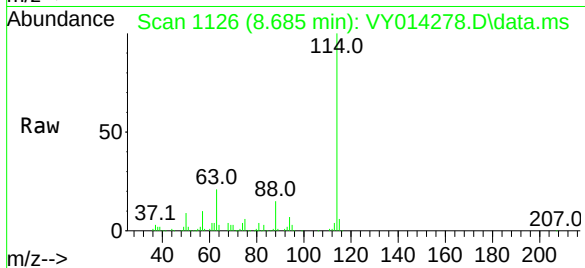
Tgt Ion:114 Resp: 98811

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014278.D

Acq: 20 Jun 2023 13:12

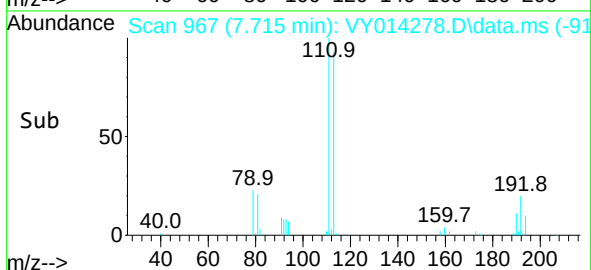
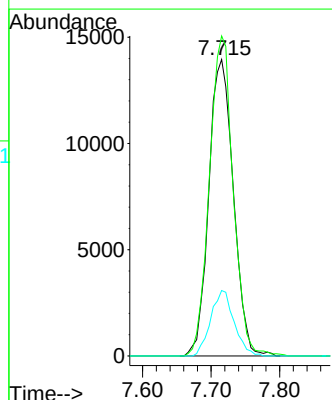
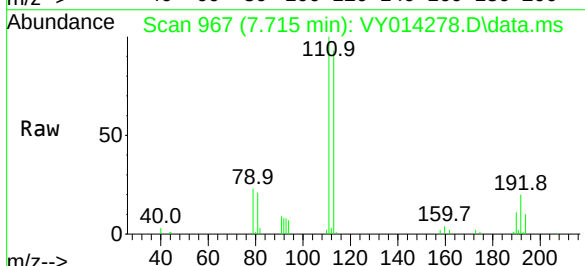
Tgt Ion:113 Resp: 34800

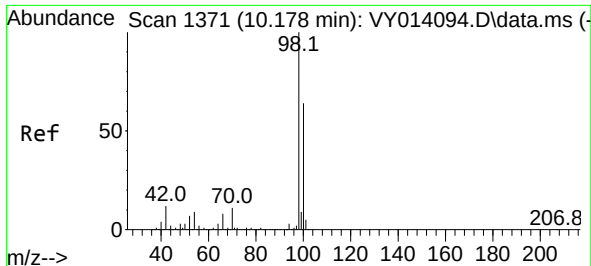
Ion Ratio Lower Upper

113 100

111 104.6 81.3 121.9

192 21.0 16.9 25.3

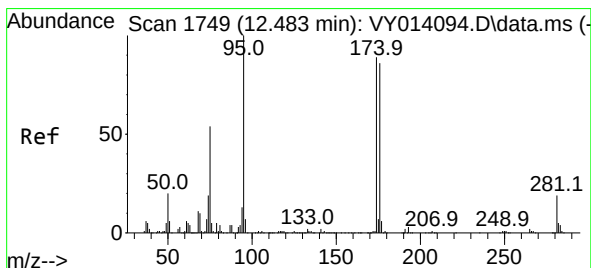
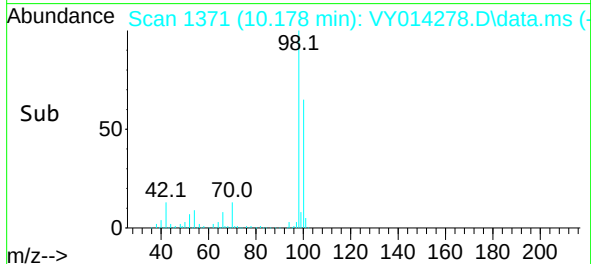
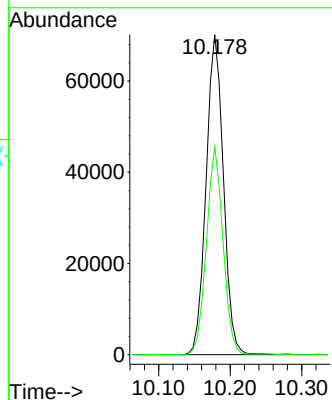
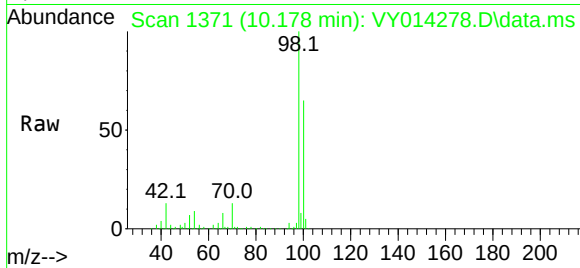




#50
Toluene-d8
Concen: 45.039 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014278.D
Acq: 20 Jun 2023 13:12

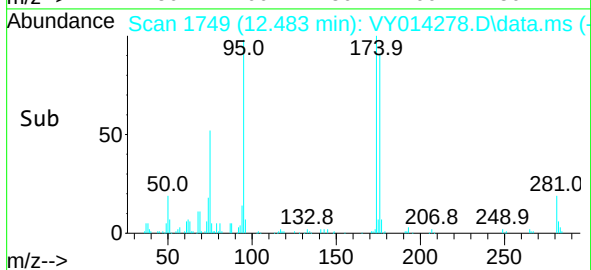
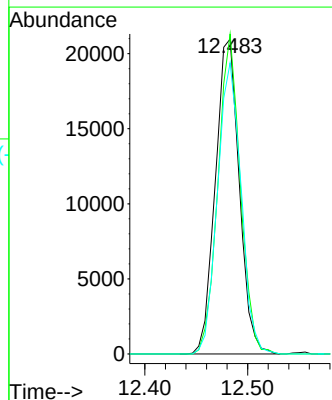
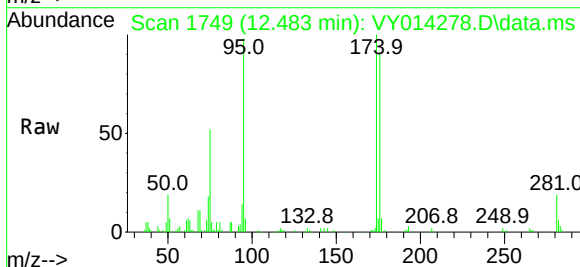
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-061523

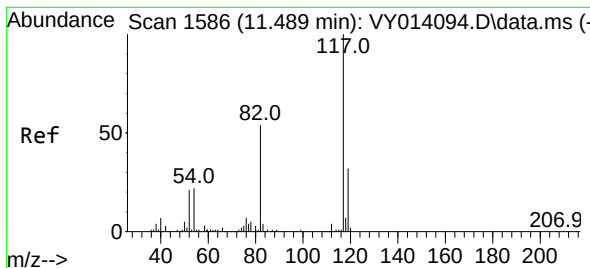
Tgt Ion: 98 Resp: 117992
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014278.D
Acq: 20 Jun 2023 13:12

Tgt Ion: 95 Resp: 33844
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.2
176 91.1 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: VY014278.D

Acq: 20 Jun 2023 13:12

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-061523

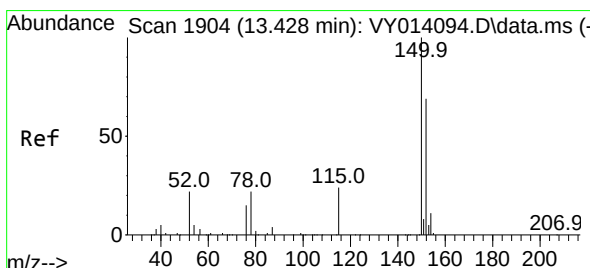
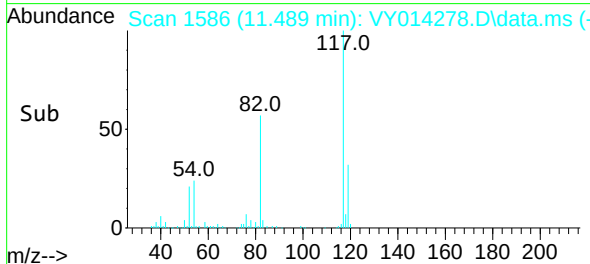
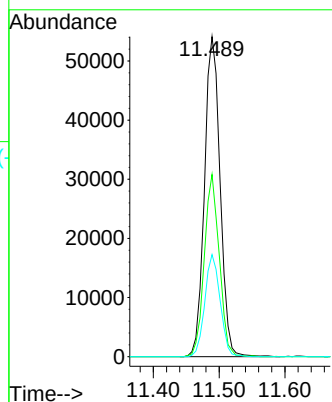
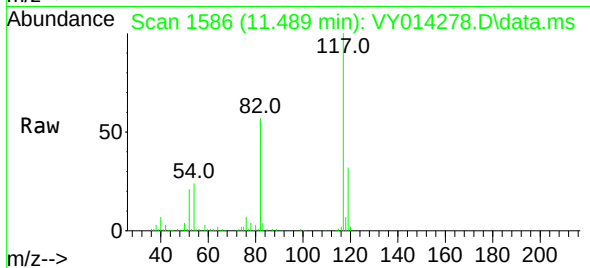
Tgt Ion:117 Resp: 89437

Ion Ratio Lower Upper

117 100

82 57.0 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014278.D

Acq: 20 Jun 2023 13:12

Tgt Ion:152 Resp: 37608

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 156.3 0.0 348.8

