

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010817.D
 Acq On : 05 Oct 2022 14:08
 Operator : KP/MD
 Sample : N4960-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-100322

Quant Time: Oct 06 09:17:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

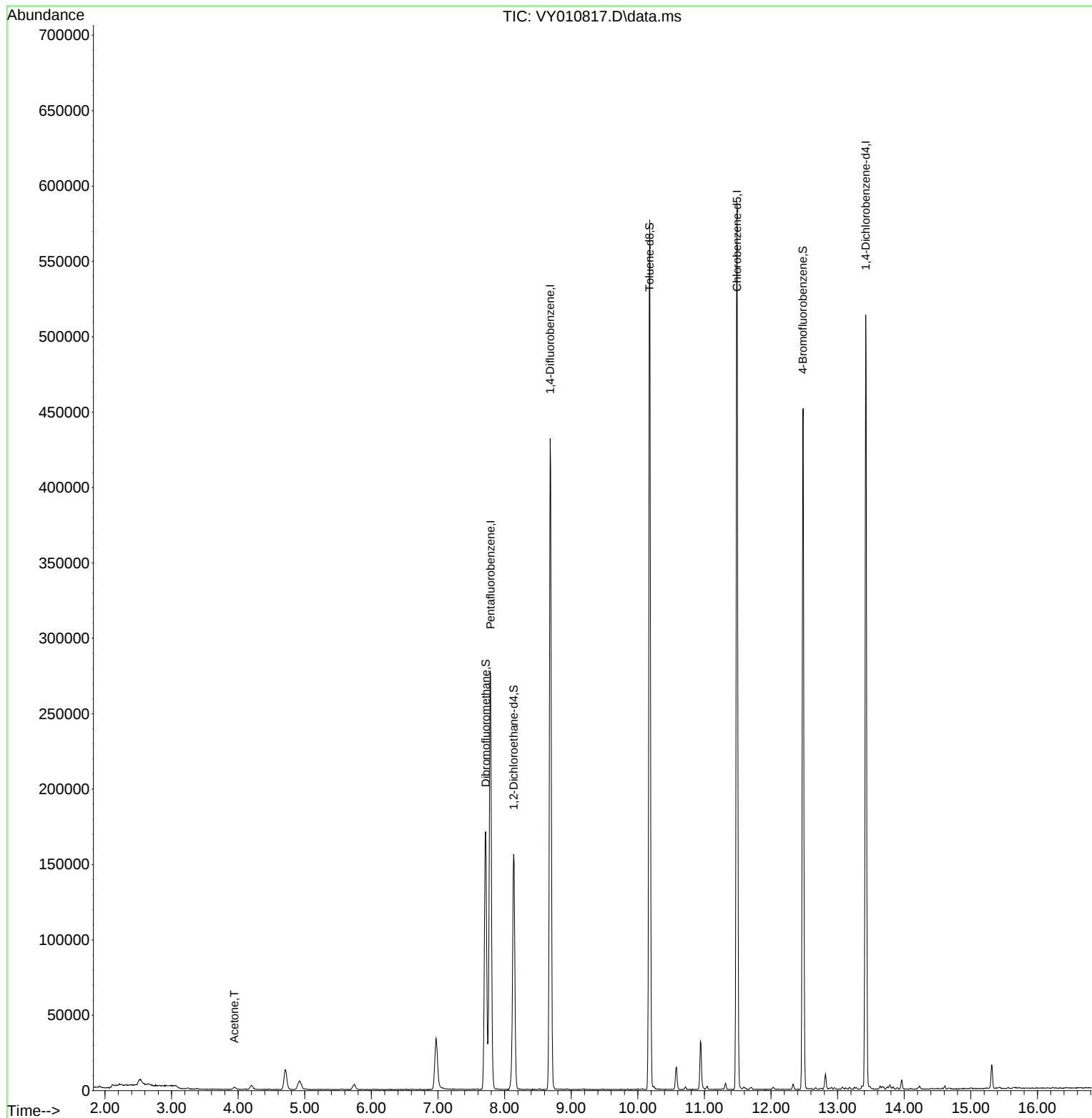
Internal Standards						
1) Pentafluorobenzene	7.789	168	214565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120082	55.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.716	113	123485	49.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.179	98	375585	44.467	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.477	95	136107	40.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.100%
Target Compounds						
16) Acetone	3.942	43	2759	4.995	ug/l	99

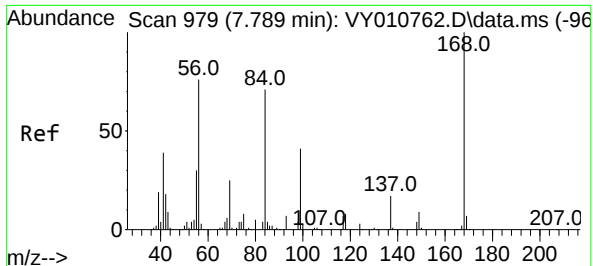
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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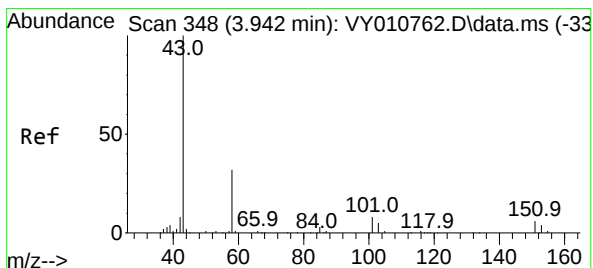
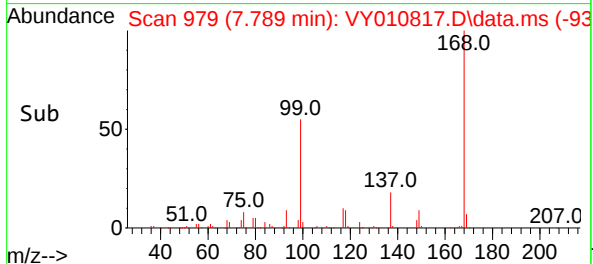
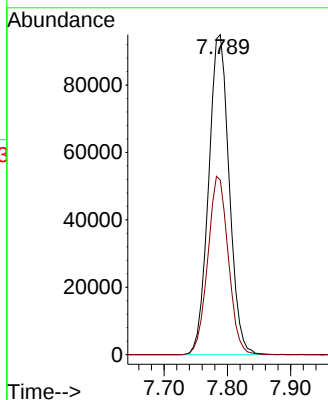
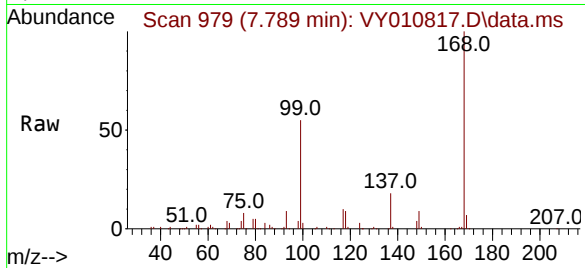




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

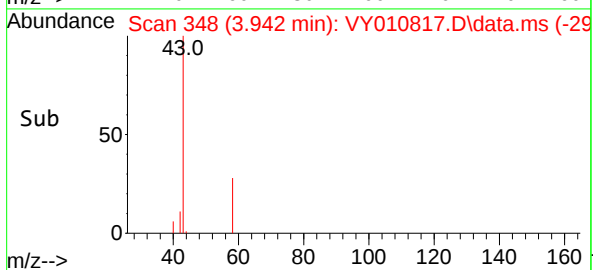
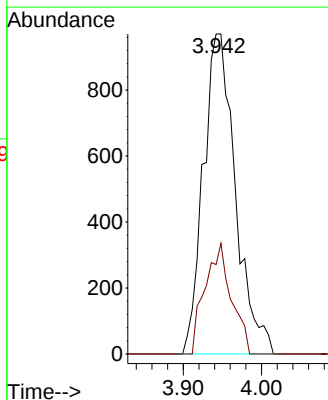
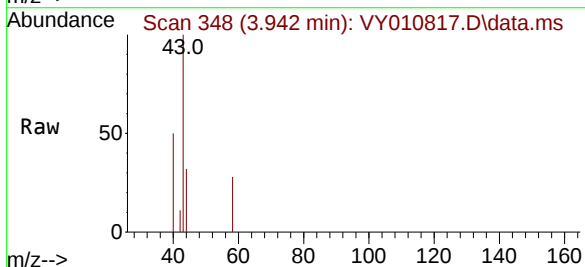
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

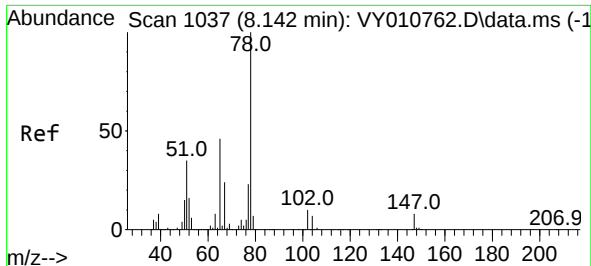
Tgt Ion:168 Resp: 214565
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 4.995 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.213 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010817.D

Acq: 05 Oct 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

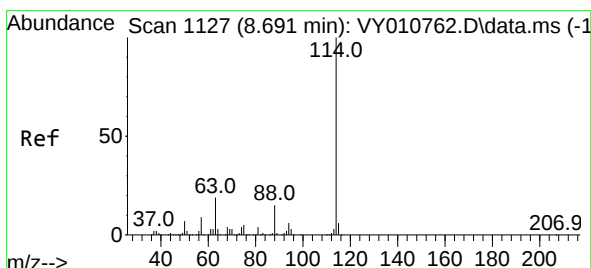
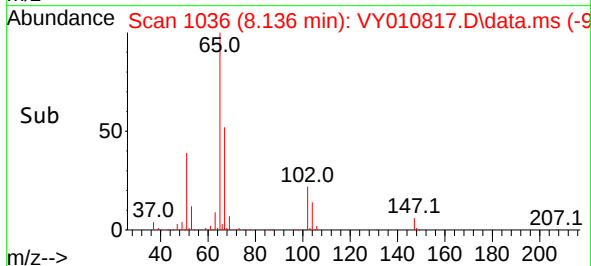
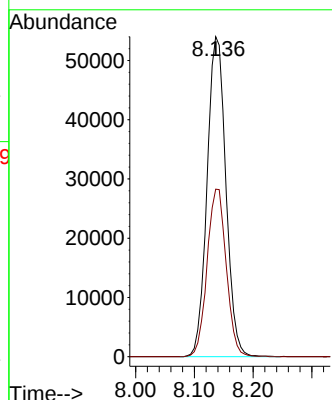
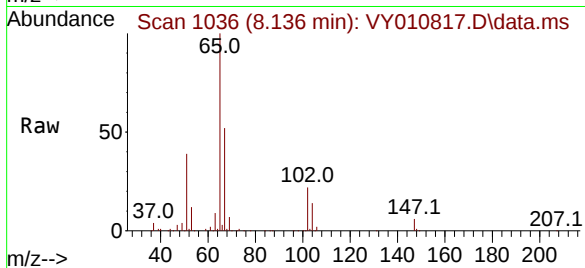
PAT-01-100322

Tgt Ion: 65 Resp: 120082

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010817.D

Acq: 05 Oct 2022 14:08

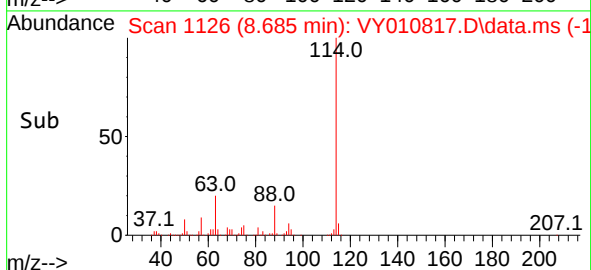
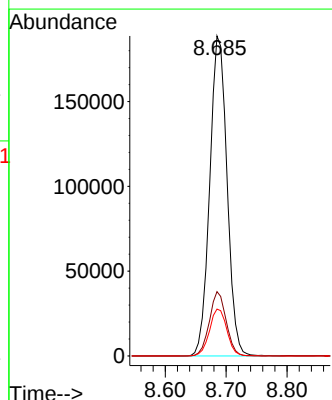
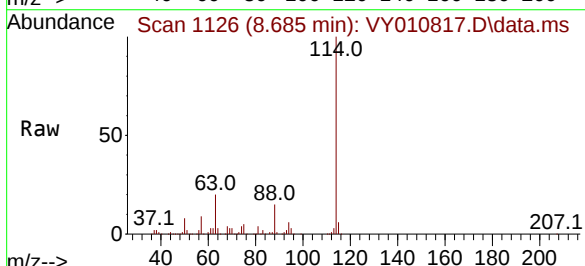
Tgt Ion: 114 Resp: 372065

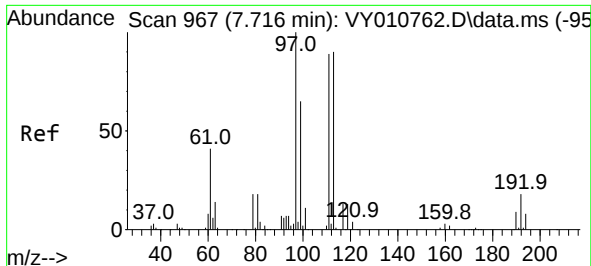
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 14.6 0.0 31.8

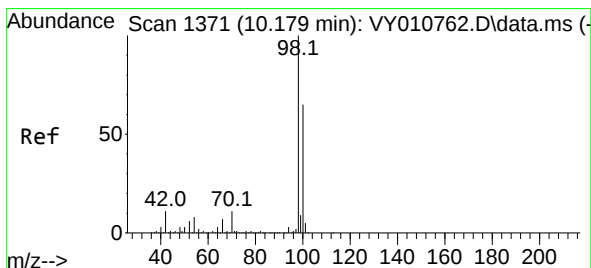
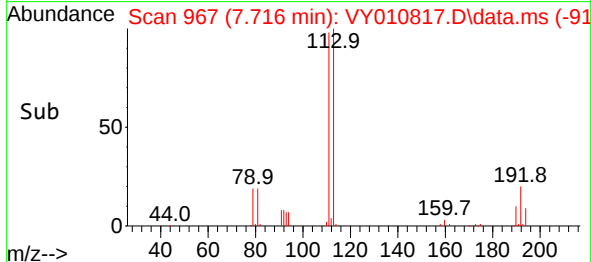
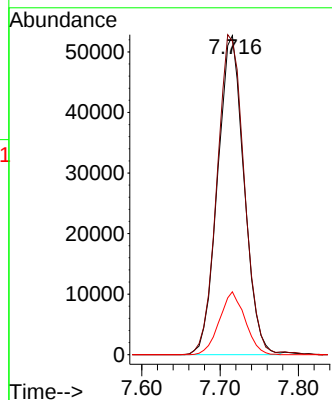
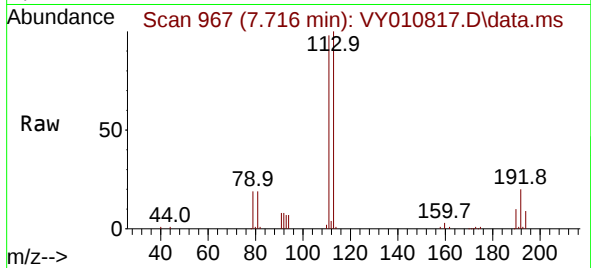




#35
Dibromofluoromethane
Concen: 49.998 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

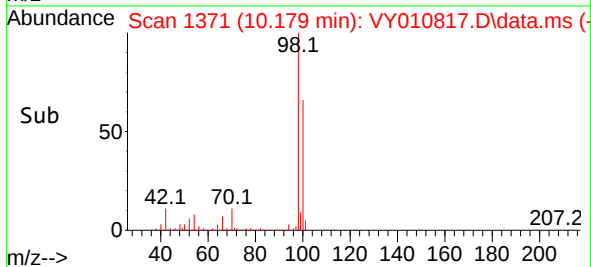
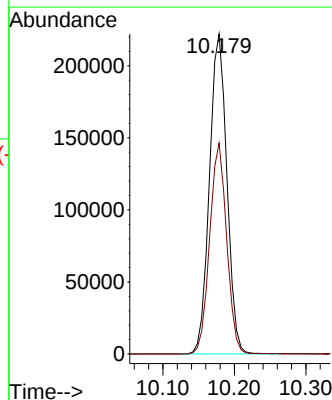
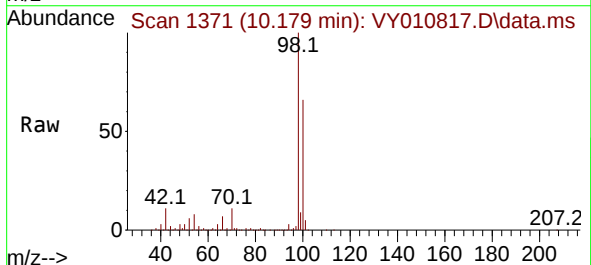
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-100322

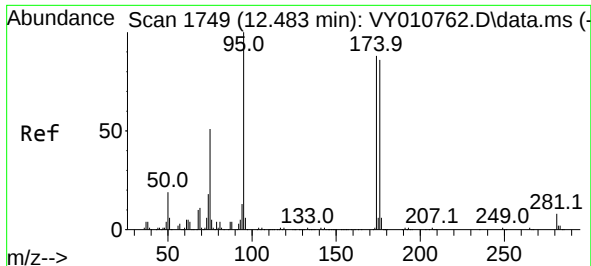
Tgt Ion:113 Resp: 123485
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 44.467 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010817.D
Acq: 05 Oct 2022 14:08

Tgt Ion: 98 Resp: 375585
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 40.551 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010817.D

Acq: 05 Oct 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-100322

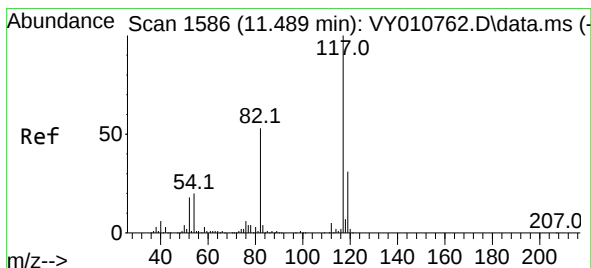
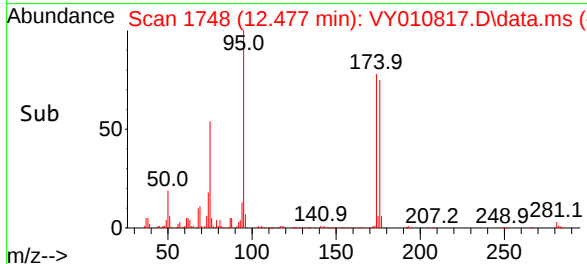
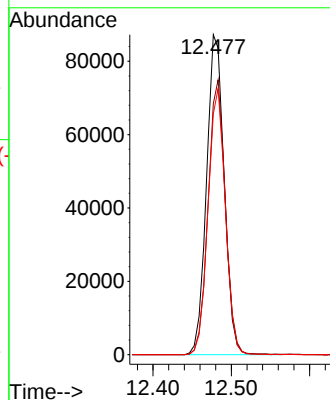
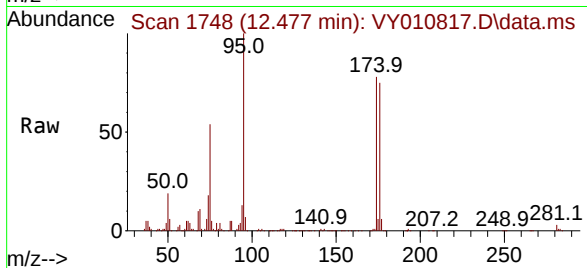
Tgt Ion: 95 Resp: 136107

Ion Ratio Lower Upper

95 100

174 84.1 0.0 177.0

176 81.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010817.D

Acq: 05 Oct 2022 14:08

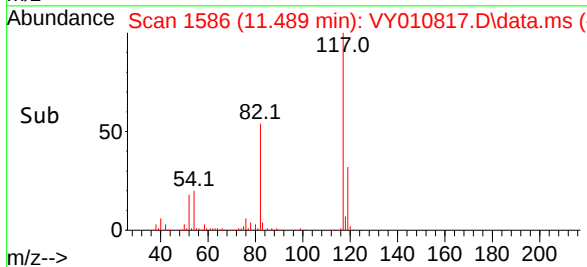
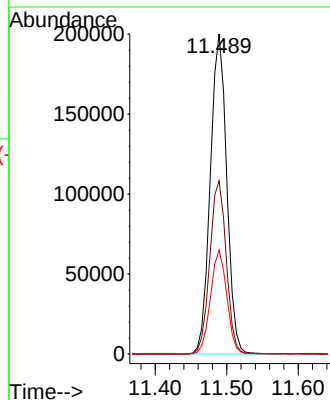
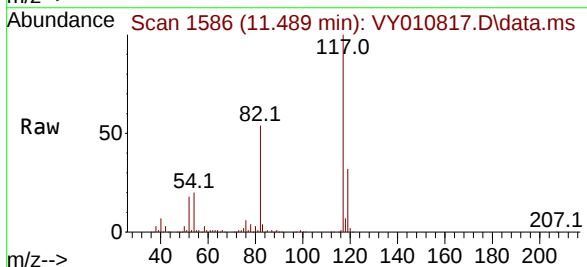
Tgt Ion: 117 Resp: 319558

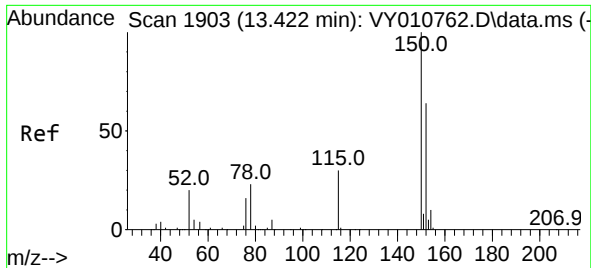
Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010817.D

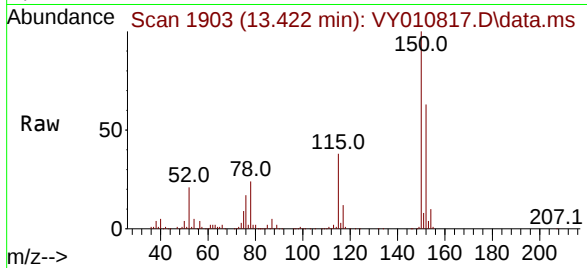
Acq: 05 Oct 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-100322



Tgt Ion:152 Resp: 132678

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 156.3 0.0 347.6

