

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013742.D
 Acq On : 15 May 2023 17:37
 Operator : KP/MD
 Sample : 02750-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-2-051123

Quant Time: May 16 01:33:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

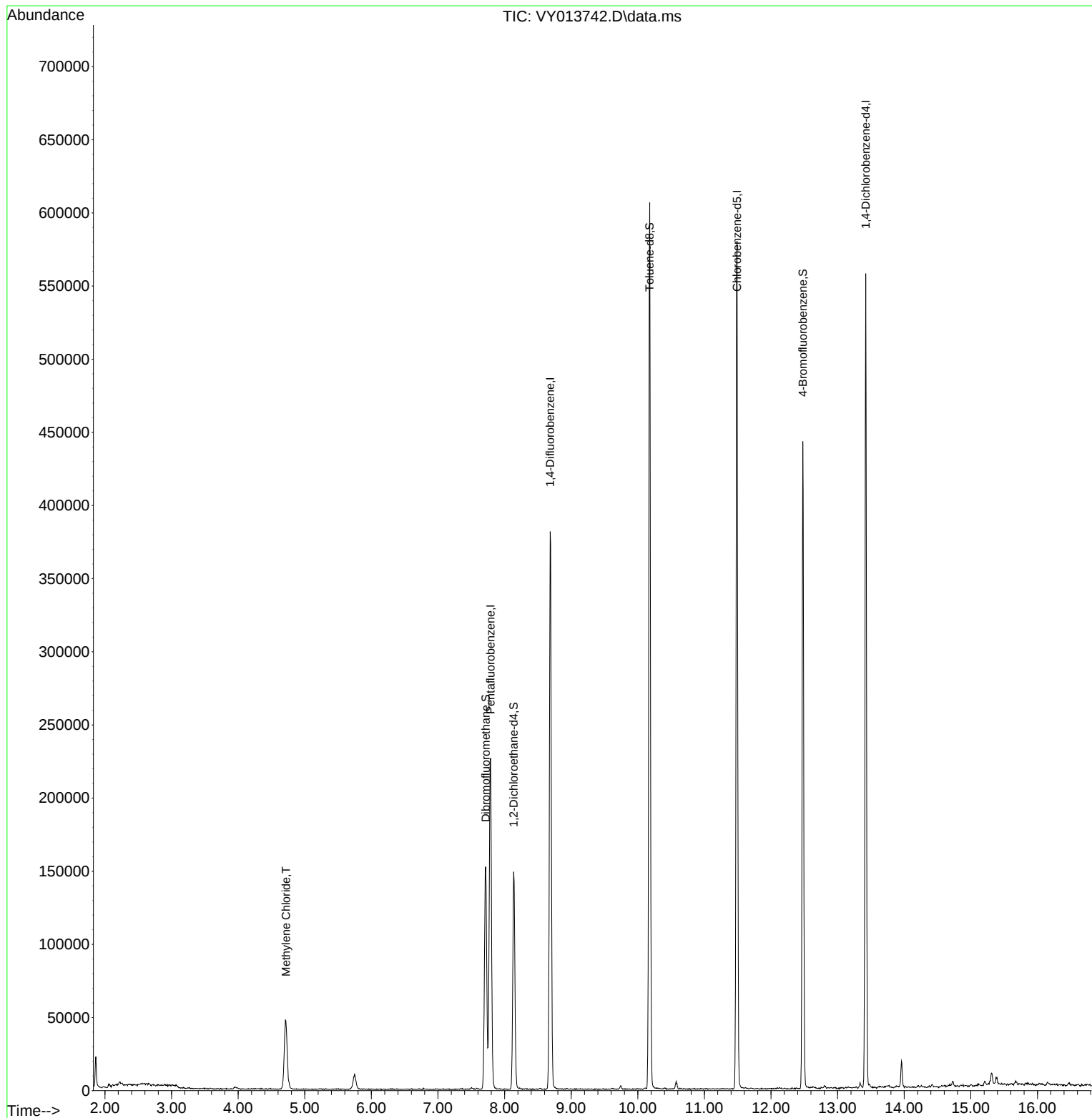
Internal Standards						
1) Pentafluorobenzene	7.789	168	177374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117293	60.323	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.640%		
35) Dibromofluoromethane	7.715	113	106951	54.213	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.420%		
50) Toluene-d8	10.178	98	388814	55.402	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 110.800%		
62) 4-Bromofluorobenzene	12.477	95	125523	53.054	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 106.100%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	33419	6.969	ug/l	91

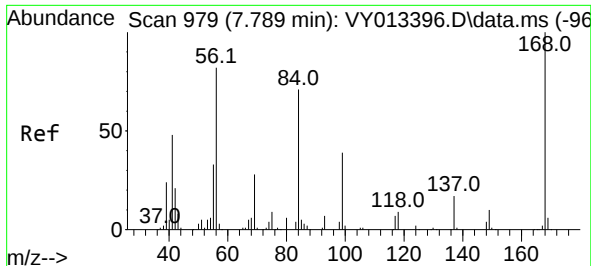
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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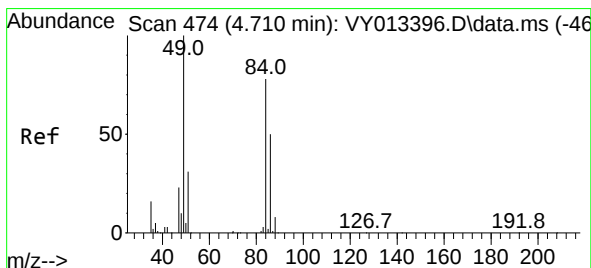
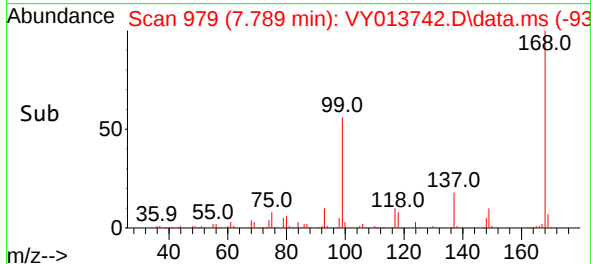
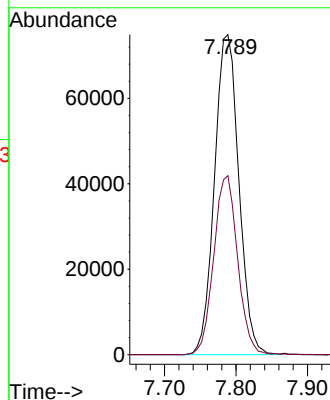
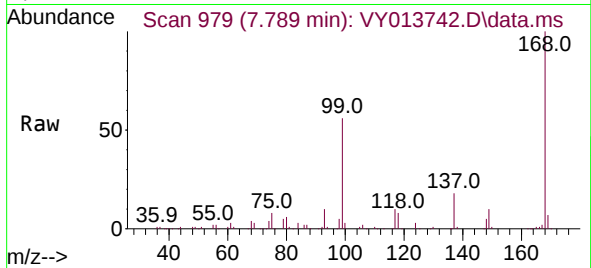




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013742.D
Acq: 15 May 2023 17:37

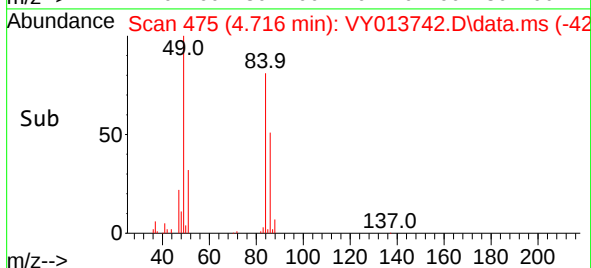
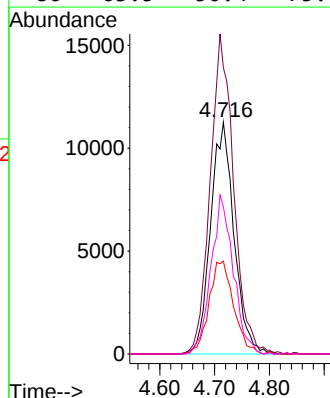
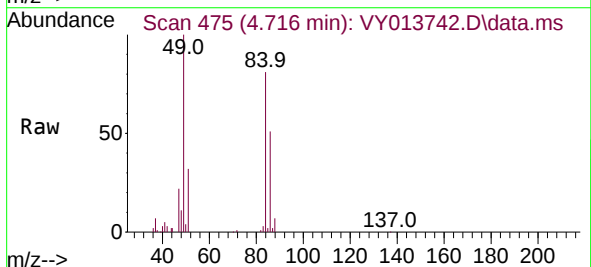
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-051123

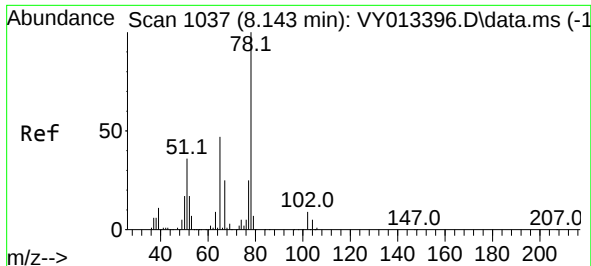
Tgt Ion:168 Resp: 177374
Ion Ratio Lower Upper
168 100
99 56.0 41.8 62.6



#20
Methylene Chloride
Concen: 6.969 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY013742.D
Acq: 15 May 2023 17:37

Tgt Ion: 84 Resp: 33419
Ion Ratio Lower Upper
84 100
49 123.4 88.0 132.0
51 40.0 27.4 41.0
86 63.5 50.4 75.6

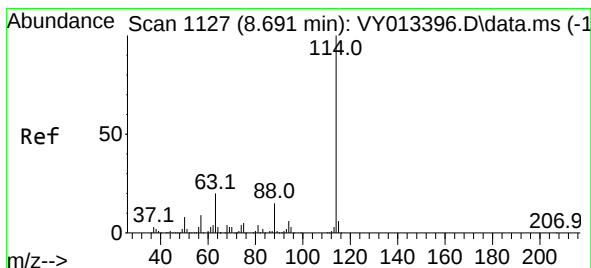
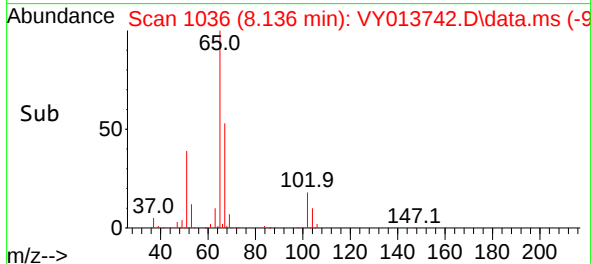
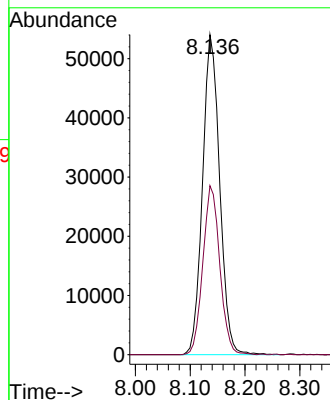
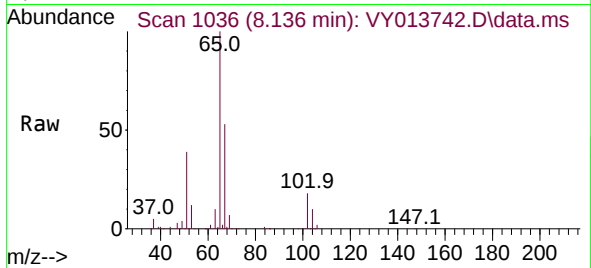




#33
1,2-Dichloroethane-d4
Concen: 60.323 ug/l
RT: 8.136 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY013742.D
Acq: 15 May 2023 17:37

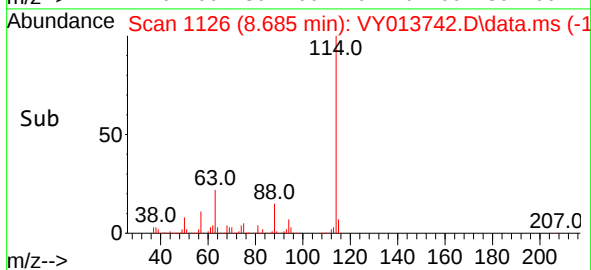
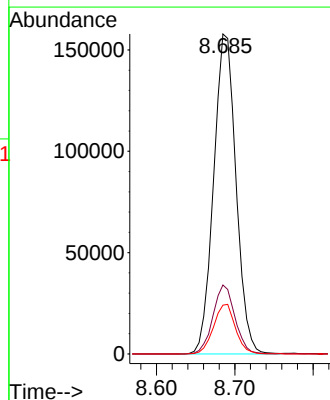
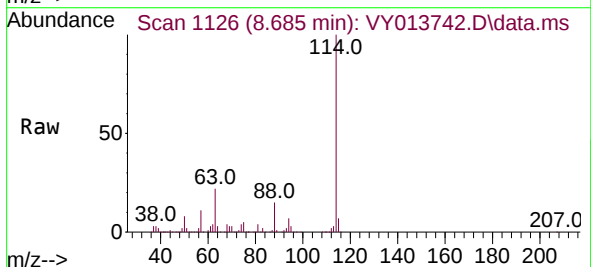
Instrument :
MSVOA_Y
ClientSampleId :
PAT-2-051123

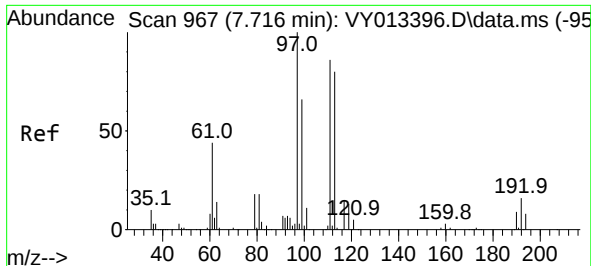
Tgt Ion: 65 Resp: 117293
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013742.D
Acq: 15 May 2023 17:37

Tgt Ion: 114 Resp: 313664
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.6
88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 54.213 ug/l

RT: 7.715 min Scan# 91

Delta R.T. -0.001 min

Lab File: VY013742.D

Acq: 15 May 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-051123

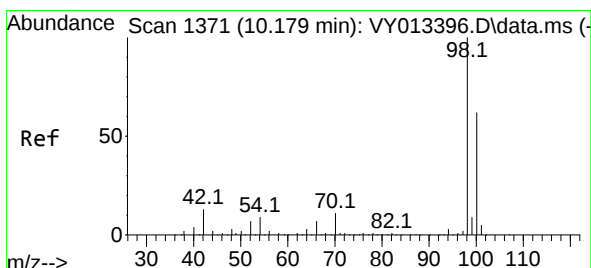
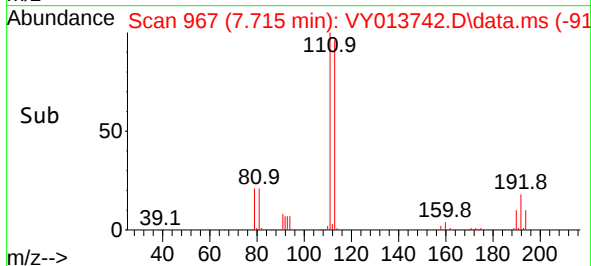
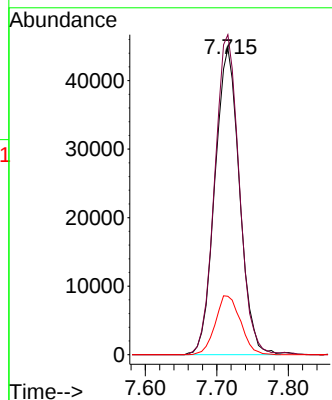
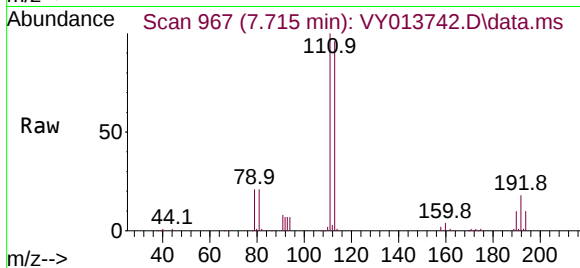
Tgt Ion:113 Resp: 106951

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 19.6 16.7 25.1



#50

Toluene-d8

Concen: 55.402 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY013742.D

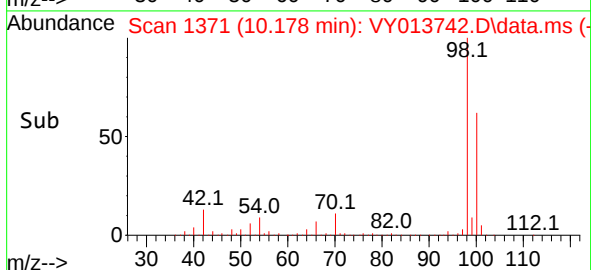
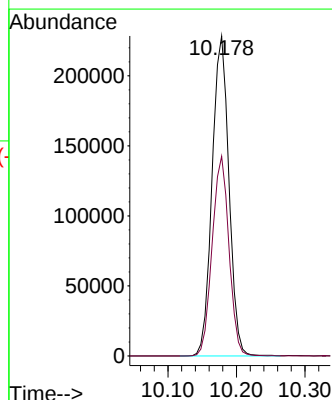
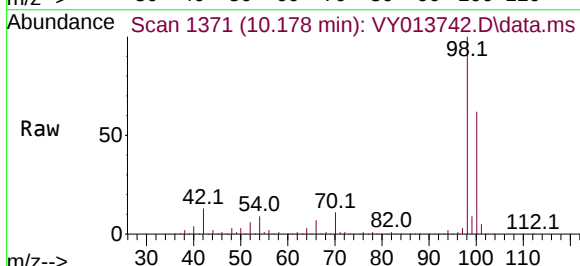
Acq: 15 May 2023 17:37

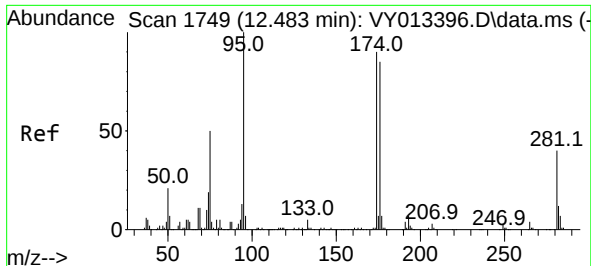
Tgt Ion: 98 Resp: 388814

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7





#62

4-Bromofluorobenzene

Concen: 53.054 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013742.D

Acq: 15 May 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-051123

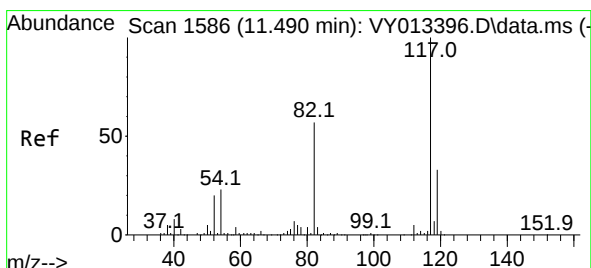
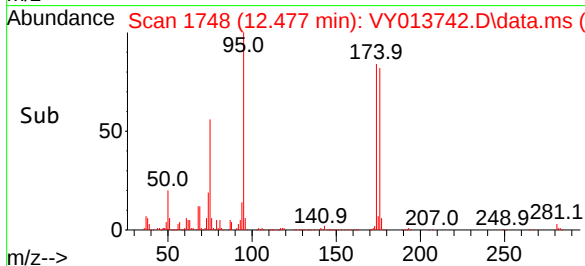
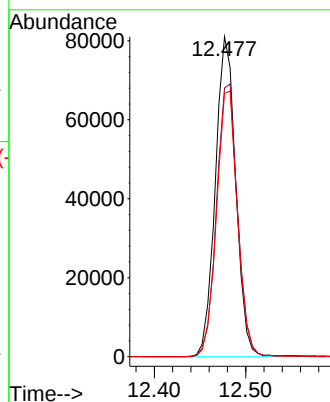
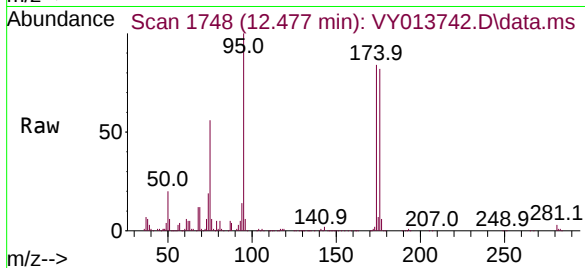
Tgt Ion: 95 Resp: 125523

Ion Ratio Lower Upper

95 100

174 87.8 0.0 182.0

176 85.3 0.0 175.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013742.D

Acq: 15 May 2023 17:37

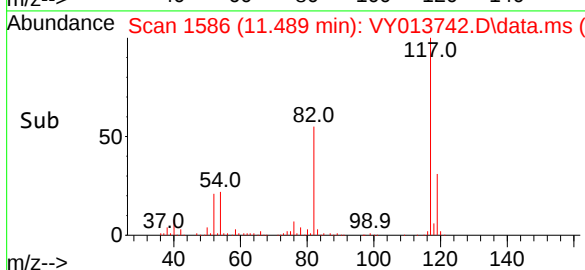
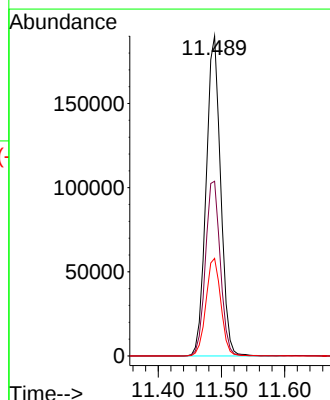
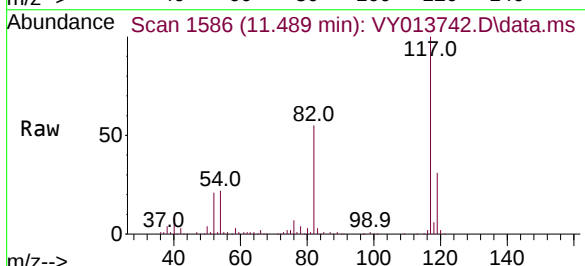
Tgt Ion: 117 Resp: 303278

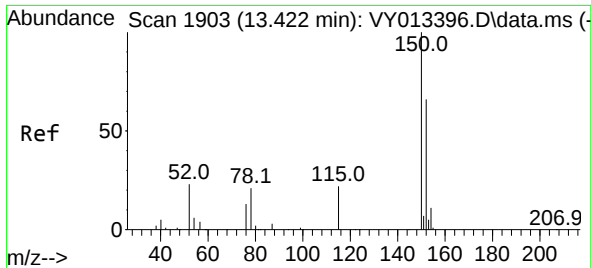
Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.6

119 30.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013742.D

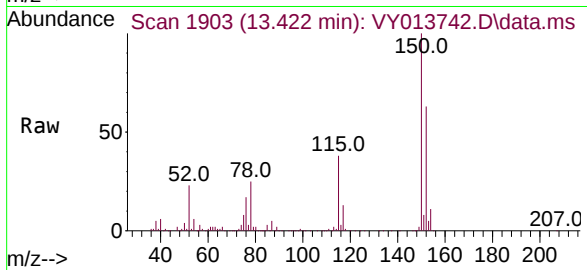
Acq: 15 May 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

PAT-2-051123



Tgt Ion:152 Resp: 132544

Ion Ratio Lower Upper

152 100

115 58.6 28.1 84.2

150 159.7 0.0 352.0

