

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013741.D
 Acq On : 15 May 2023 17:14
 Operator : KP/MD
 Sample : 02750-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-1-051123

Quant Time: May 16 01:33:19 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)

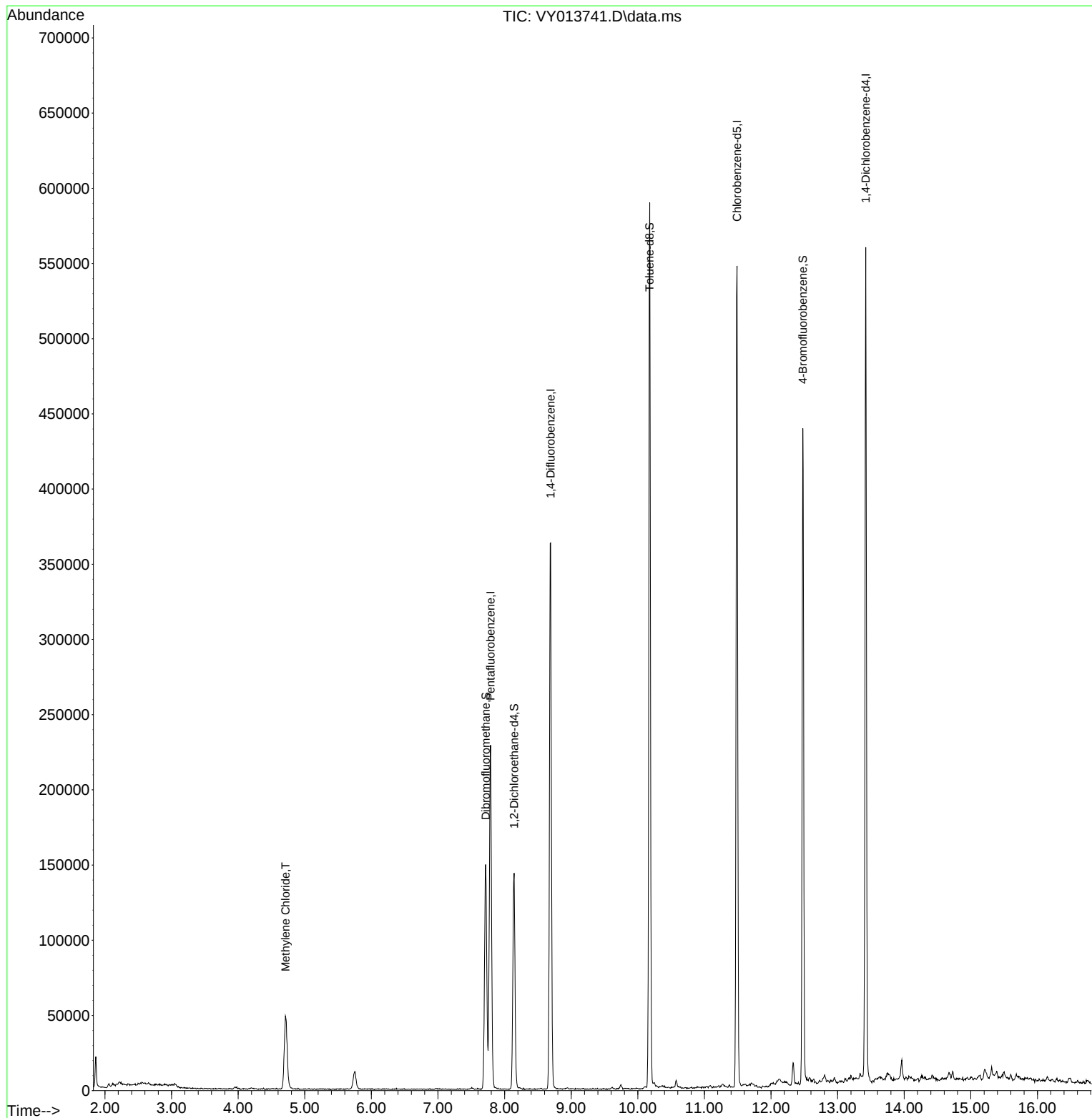
Internal Standards						
1) Pentafluorobenzene	7.789	168	172130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114202	60.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.040%	
35) Dibromofluoromethane	7.716	113	103289	55.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.179	98	370288	55.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.477	95	126224	56.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.240%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	34162	7.856	ug/l	91

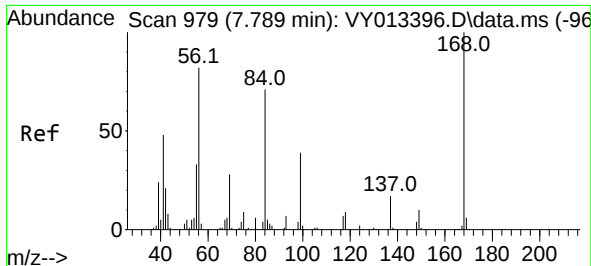
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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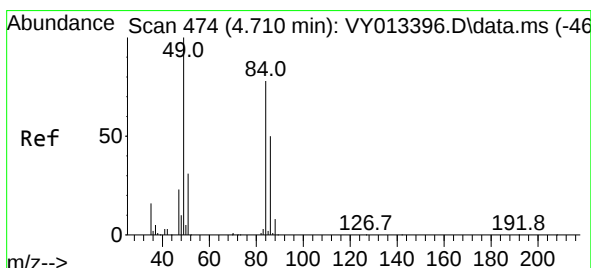
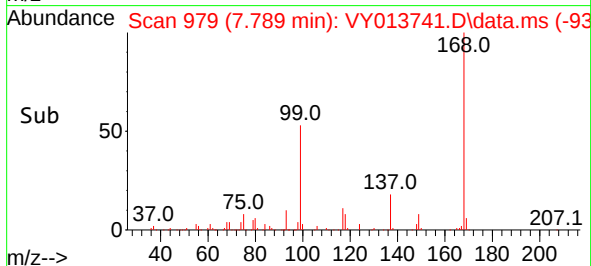
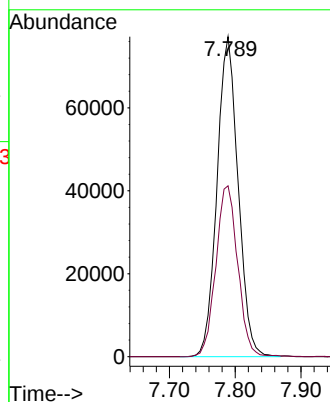
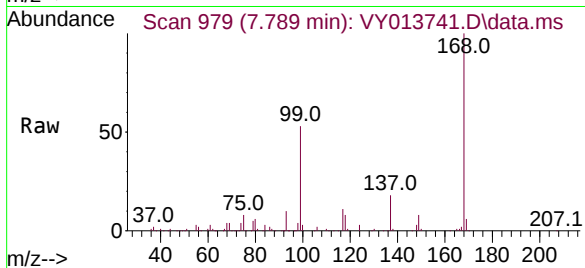




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

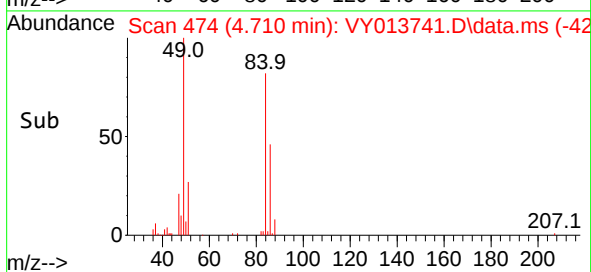
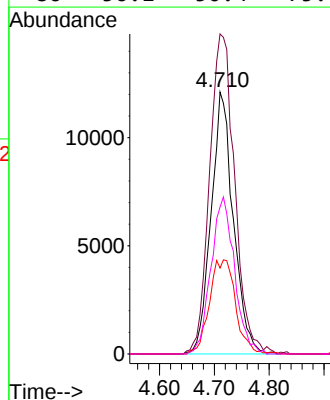
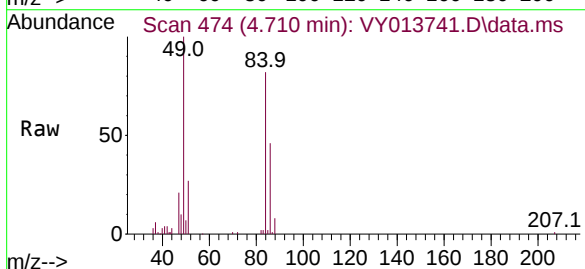
Instrument :
MSVOA_Y
ClientSampleId :
PAT-1-051123

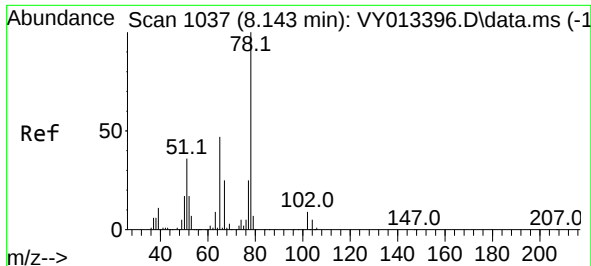
Tgt Ion:168 Resp: 172130
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#20
Methylene Chloride
Concen: 7.856 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion: 84 Resp: 34162
Ion Ratio Lower Upper
84 100
49 122.2 88.0 132.0
51 32.8 27.4 41.0
86 56.1 50.4 75.6

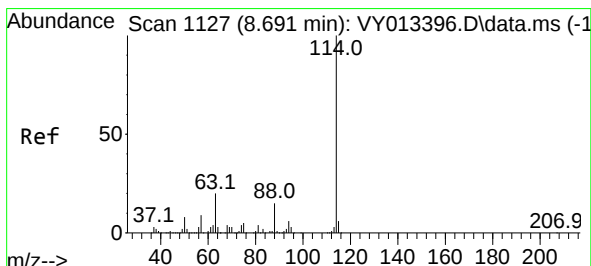
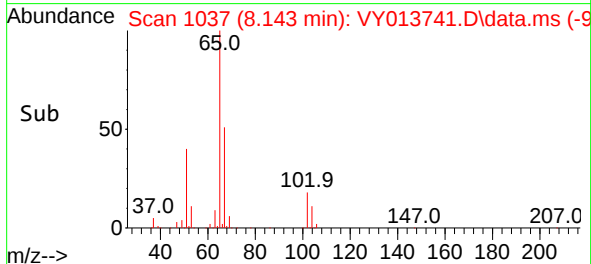
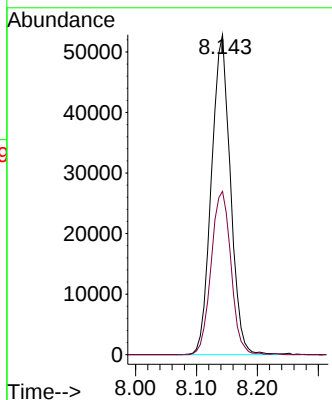
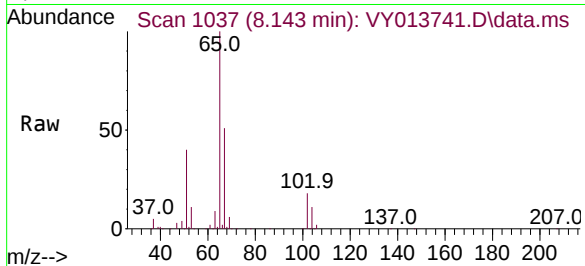




#33
 1,2-Dichloroethane-d4
 Concen: 60.523 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY013741.D
 Acq: 15 May 2023 17:14

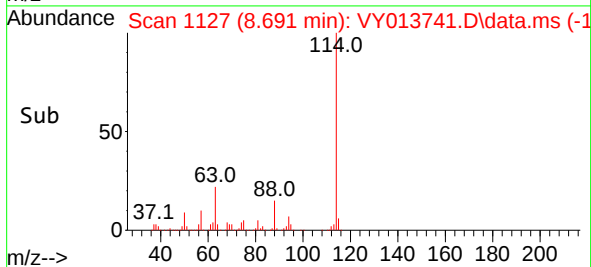
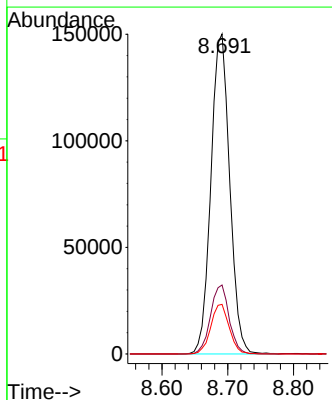
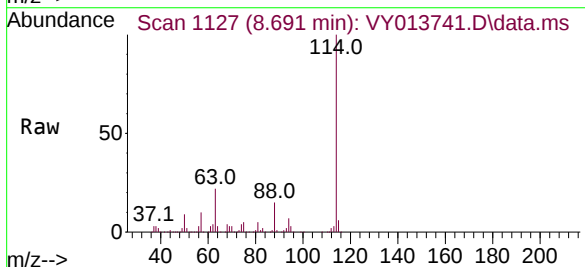
Instrument :
 MSVOA_Y
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 PAT-1-051123

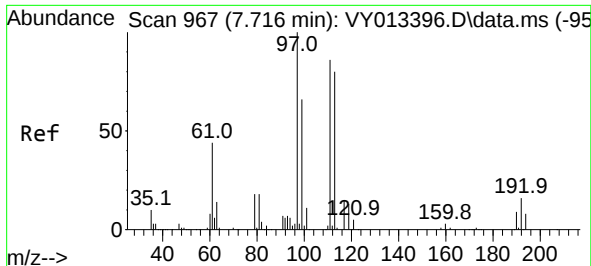
Tgt Ion: 65 Resp: 114202
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013741.D
 Acq: 15 May 2023 17:14

Tgt Ion: 114 Resp: 298177
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 36.6
 88 15.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 55.076 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013741.D

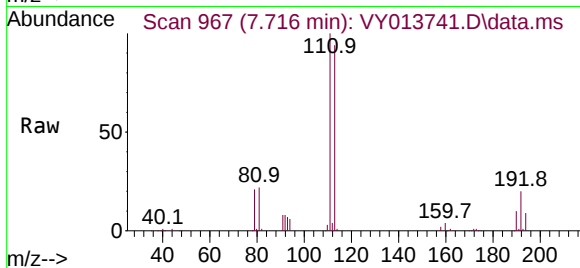
Acq: 15 May 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

PAT-1-051123



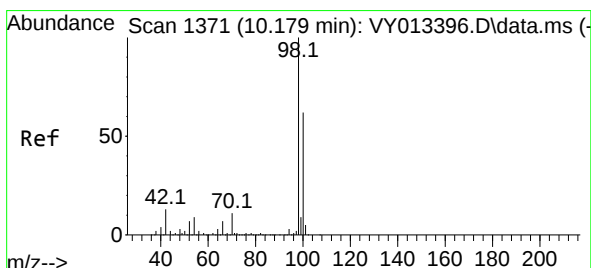
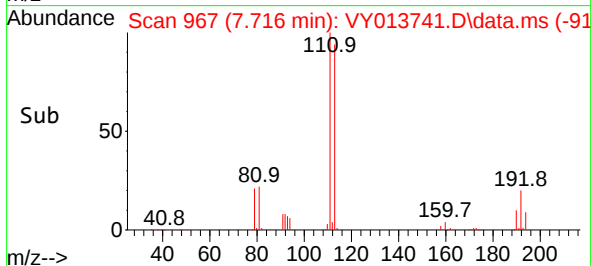
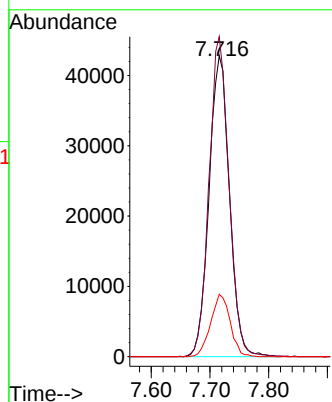
Tgt Ion:113 Resp: 103289

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 19.8 16.7 25.1



#50

Toluene-d8

Concen: 55.502 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013741.D

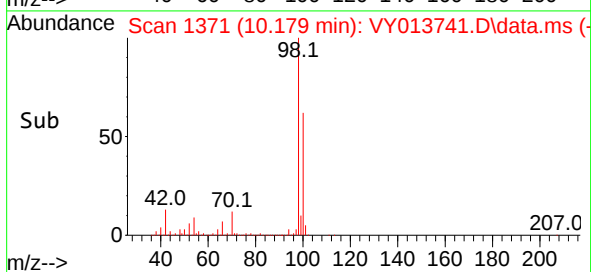
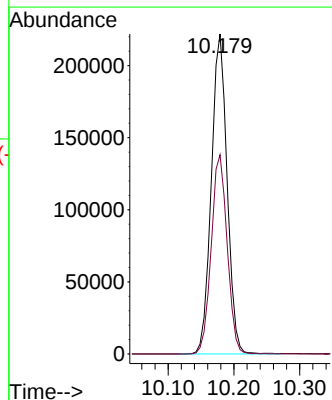
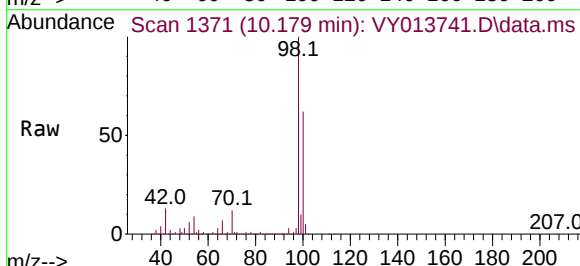
Acq: 15 May 2023 17:14

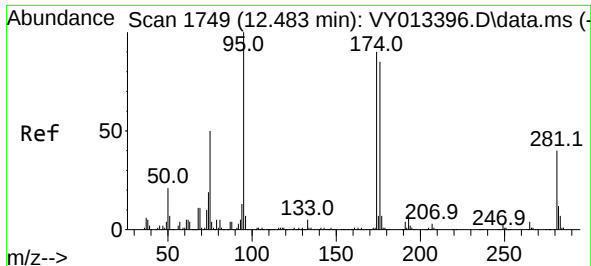
Tgt Ion: 98 Resp: 370288

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7





#62

4-Bromofluorobenzene

Concen: 56.121 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013741.D

Acq: 15 May 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

PAT-1-051123

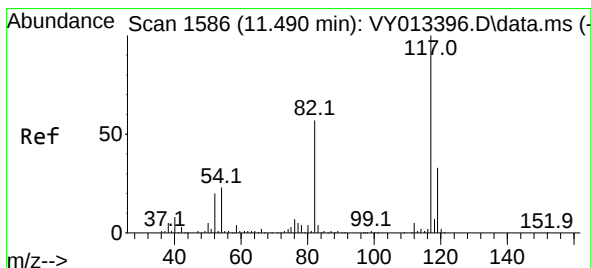
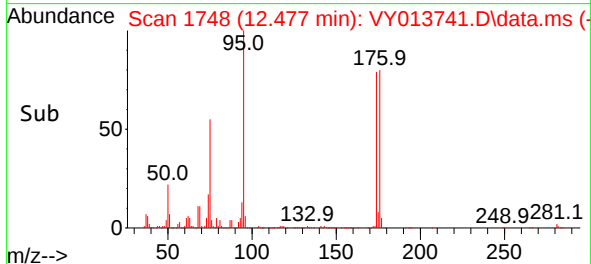
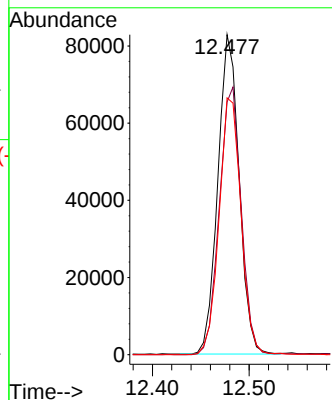
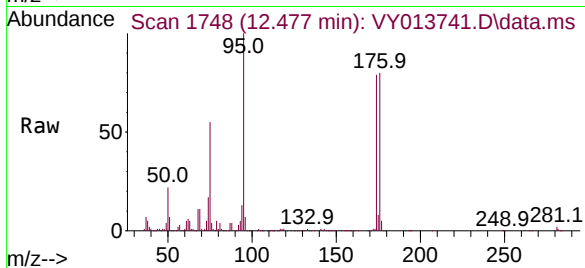
Tgt Ion: 95 Resp: 126224

Ion Ratio Lower Upper

95 100

174 86.4 0.0 182.0

176 82.9 0.0 175.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013741.D

Acq: 15 May 2023 17:14

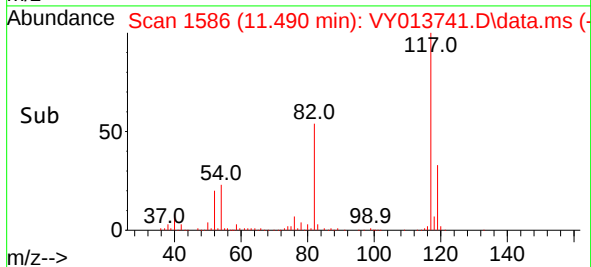
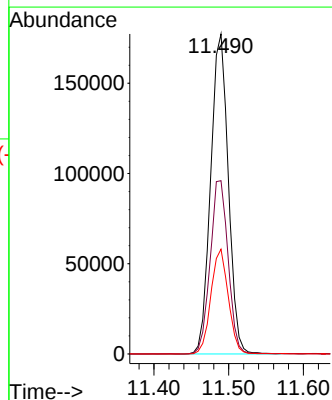
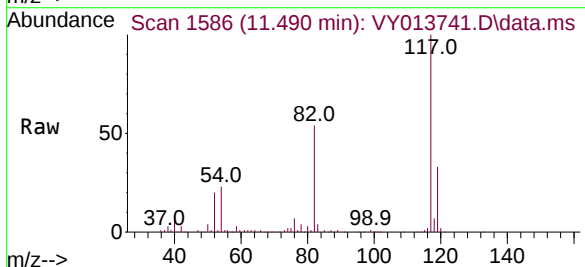
Tgt Ion: 117 Resp: 290714

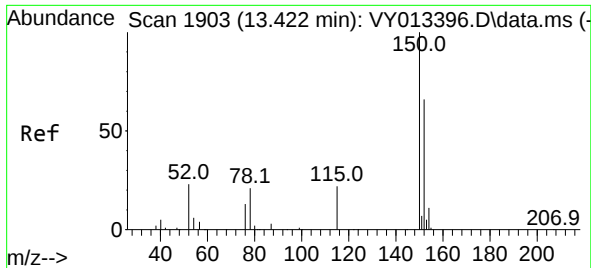
Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.6

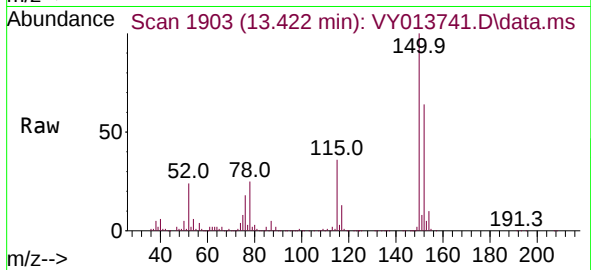
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013741.D
 Acq: 15 May 2023 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-1-051123



Tgt Ion:152 Resp: 131279
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.1 84.2
 150 157.1 0.0 352.0

