

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012897.D
 Acq On : 09 Mar 2023 14:30
 Operator : KP/MD
 Sample : 01834-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Mar 10 00:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

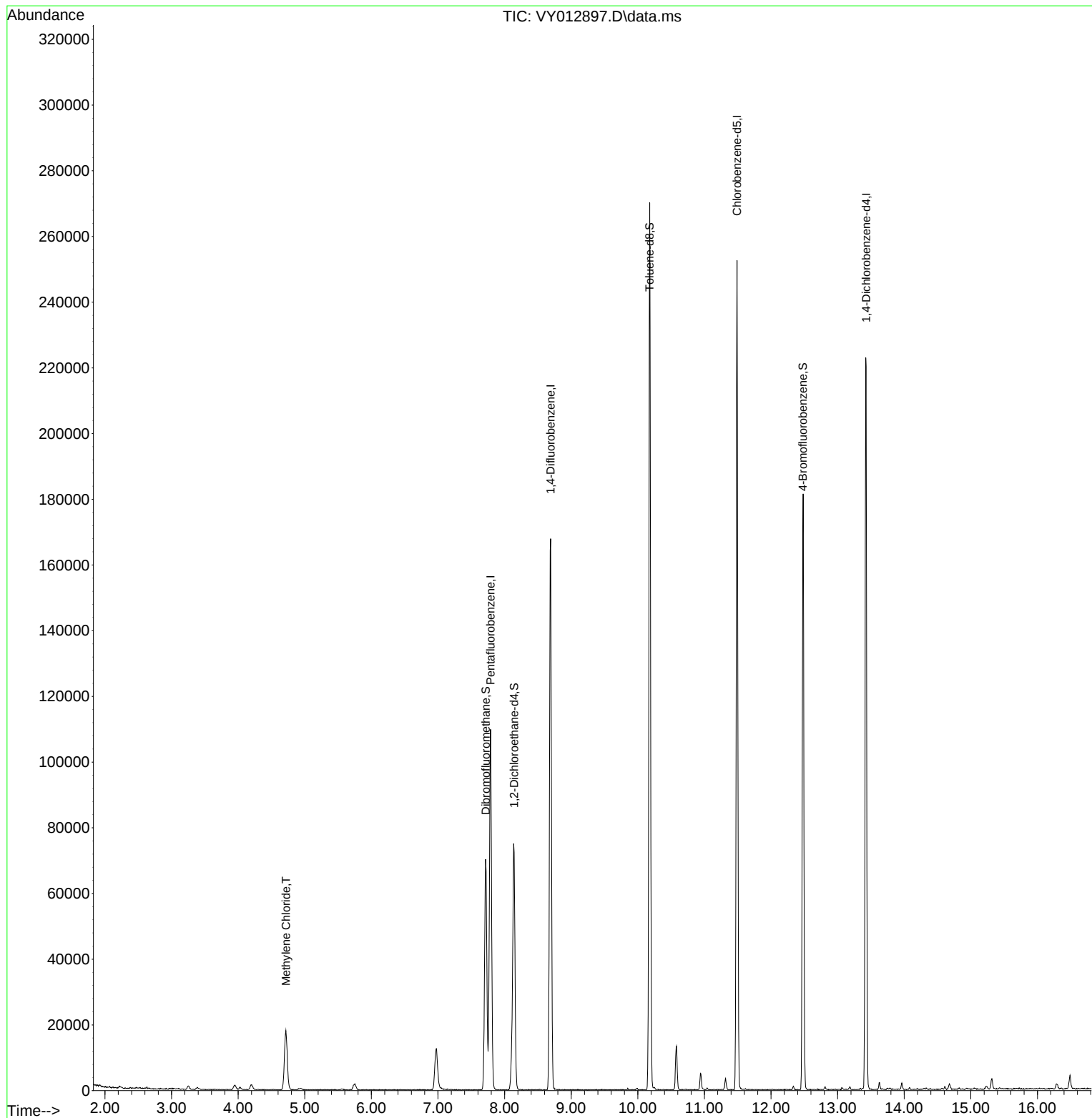
Internal Standards						
1) Pentafluorobenzene	7.789	168	85043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	130585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54330	64.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.680%	
35) Dibromofluoromethane	7.716	113	49159	56.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.179	98	171668	54.205	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.477	95	51140	47.842	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.680%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	13015	8.399	ug/l	95

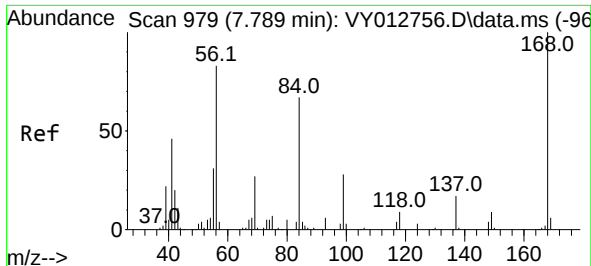
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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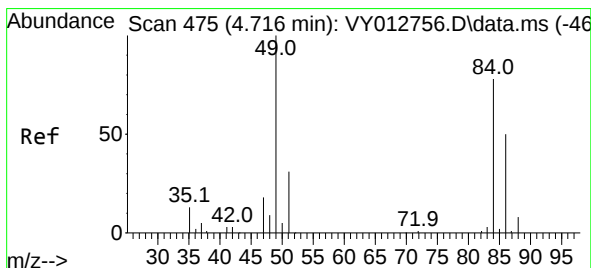
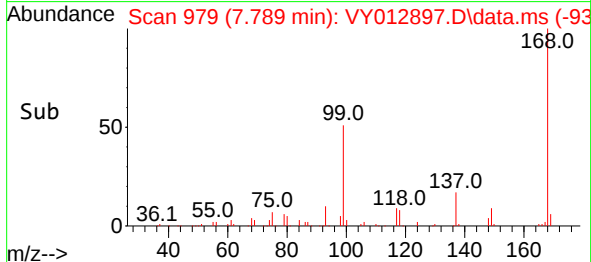
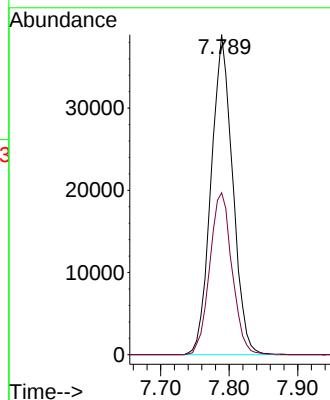
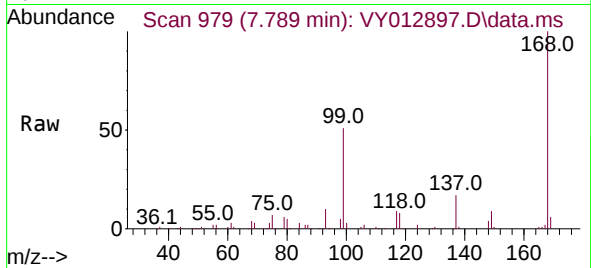




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

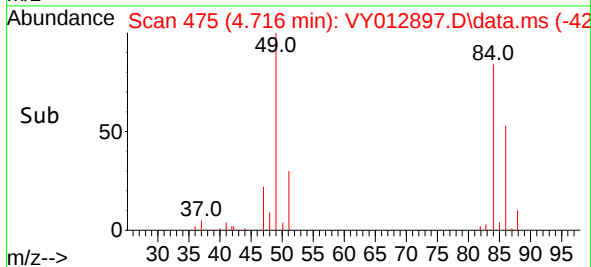
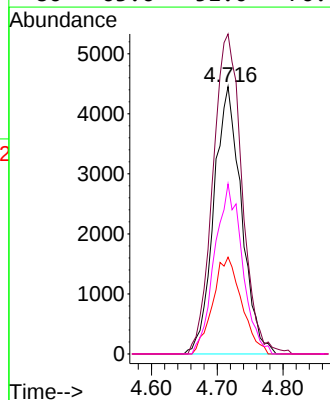
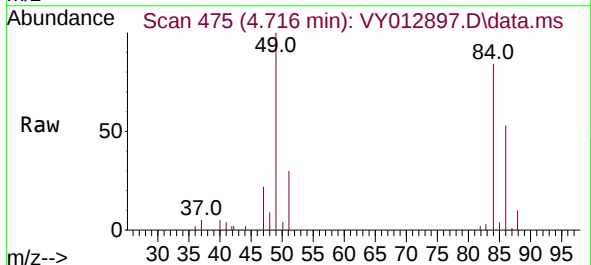
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

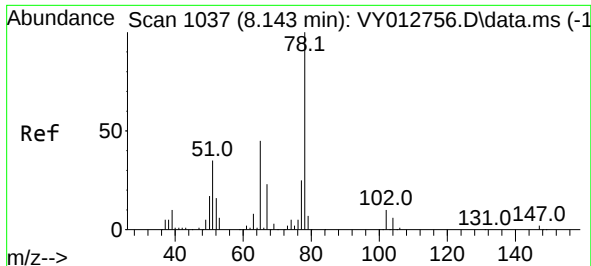
Tgt Ion:168 Resp: 85043
Ion Ratio Lower Upper
168 100
99 50.6 41.7 62.5



#20
Methylene Chloride
Concen: 8.399 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 84 Resp: 13015
Ion Ratio Lower Upper
84 100
49 119.7 102.6 154.0
51 36.2 31.9 47.9
86 63.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 64.344 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

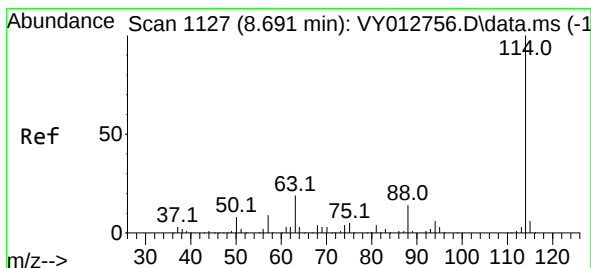
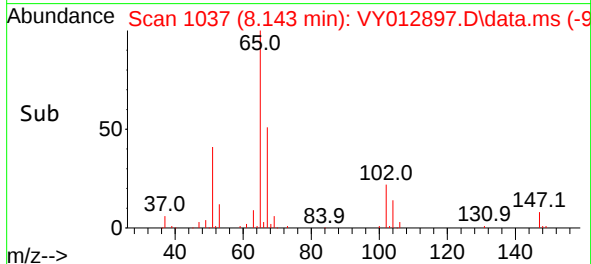
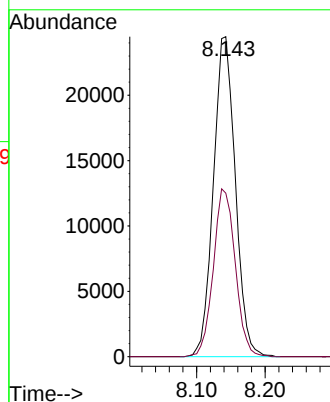
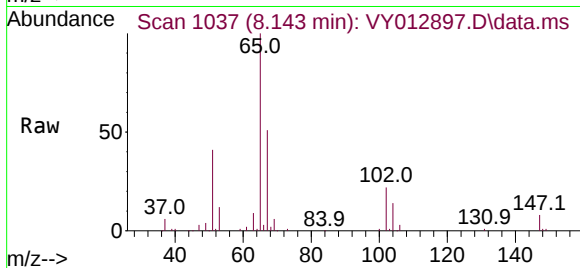
TP-10

Tgt Ion: 65 Resp: 54330

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

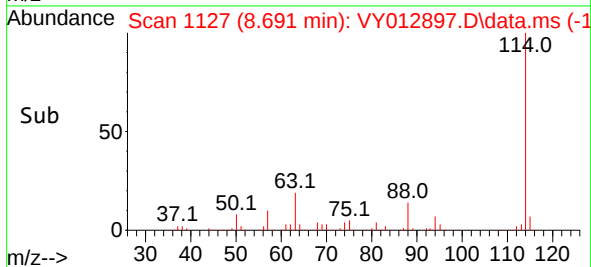
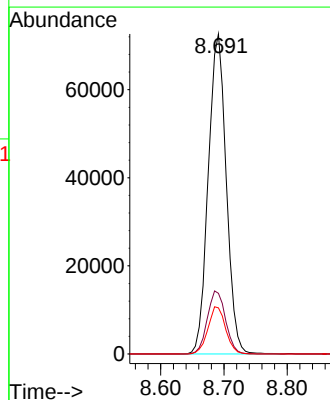
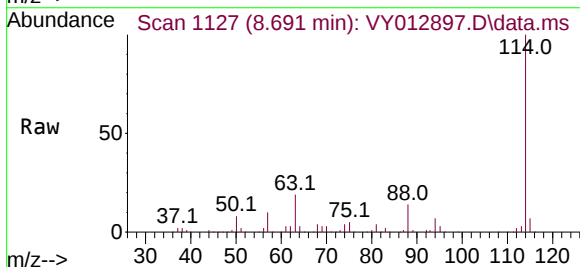
Tgt Ion: 114 Resp: 143546

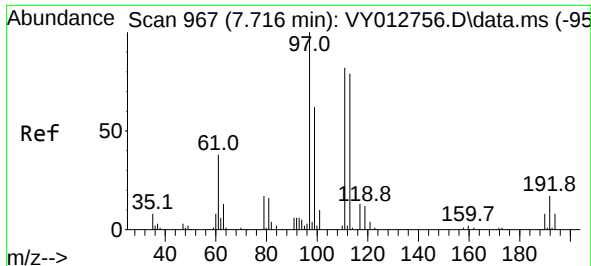
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.4 0.0 28.6

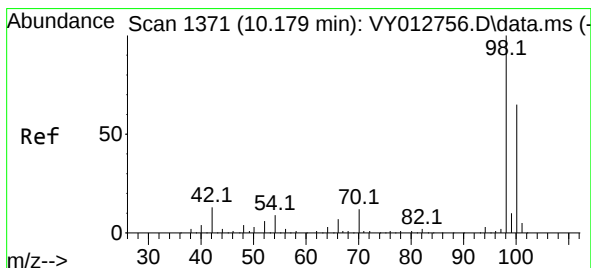
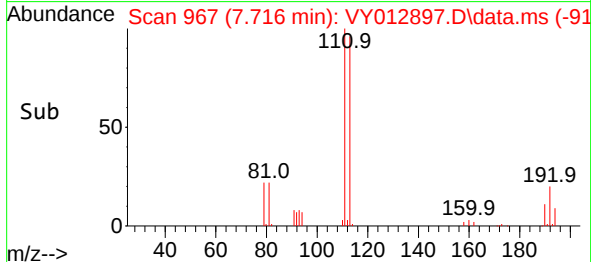
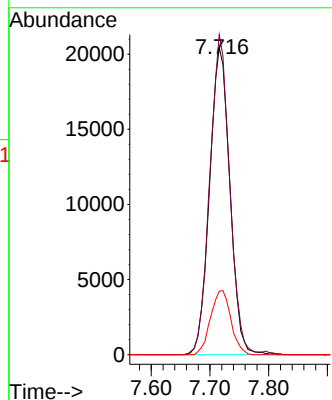
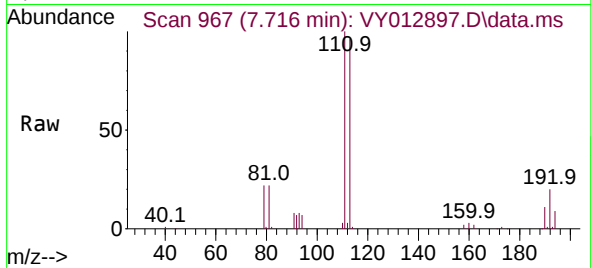




#35
Dibromofluoromethane
Concen: 56.746 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

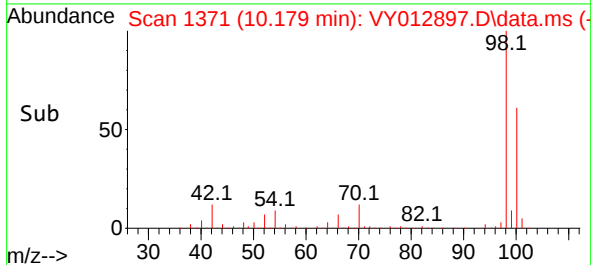
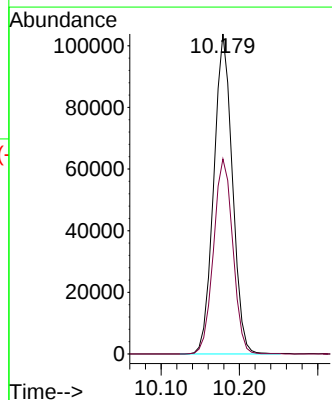
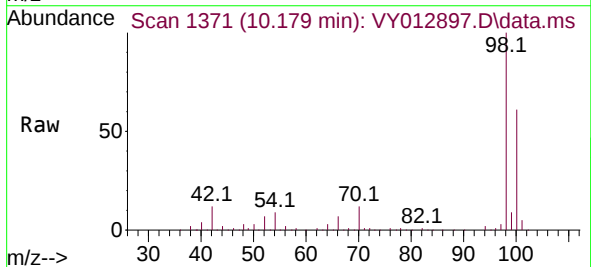
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

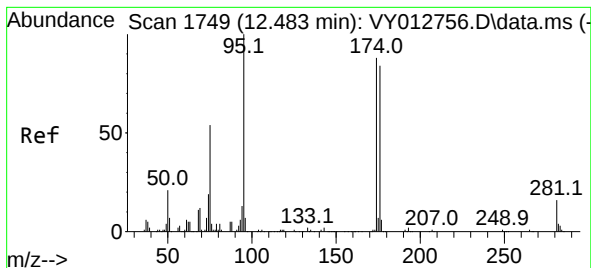
Tgt Ion:113 Resp: 49159
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.8 16.8 25.2



#50
Toluene-d8
Concen: 54.205 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 98 Resp: 171668
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

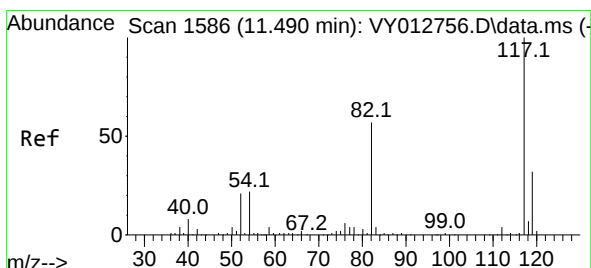
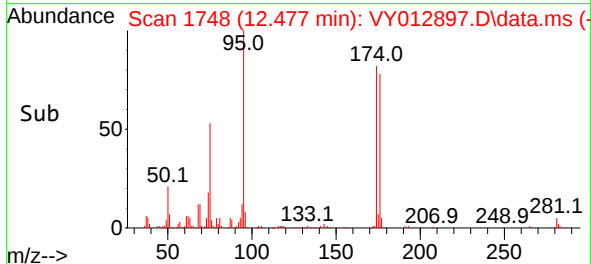
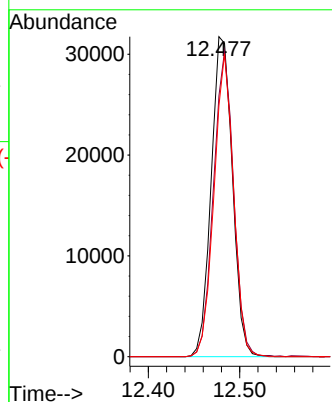
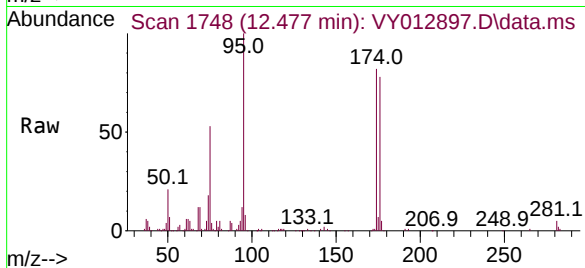




#62
4-Bromofluorobenzene
Concen: 47.842 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

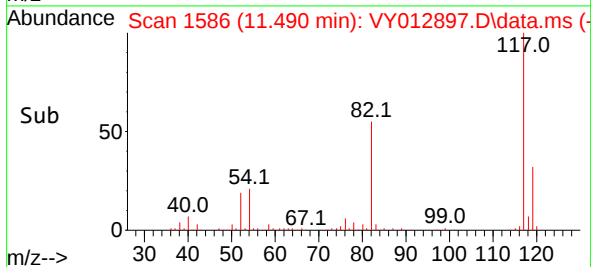
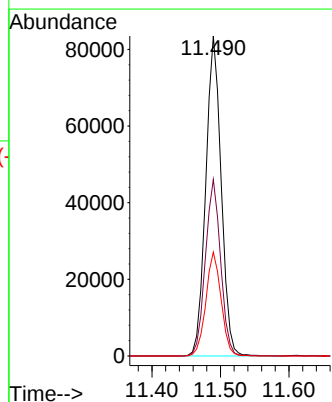
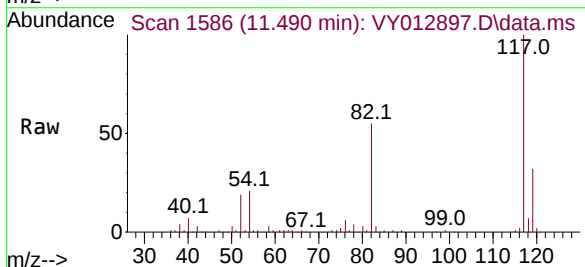
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

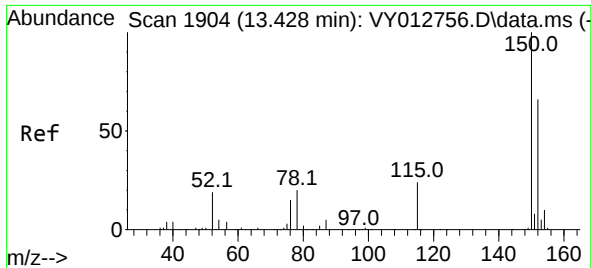
Tgt Ion: 95 Resp: 51140
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 87.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 117 Resp: 130585
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012897.D

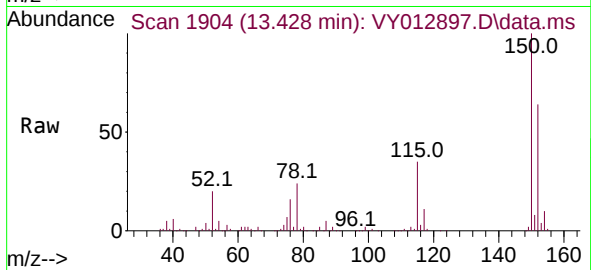
Acq: 09 Mar 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-10



Tgt Ion:152 Resp: 58548

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 155.9 0.0 347.8

