

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014753.D
 Acq On : 21 Jul 2023 17:42
 Operator : SY/MD
 Sample : 03706-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P10A

Quant Time: Jul 22 05:40:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	6011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3894	56.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.700%
35) Dibromofluoromethane	7.722	113	1671	25.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.340%#
50) Toluene-d8	10.179	98	11758	48.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.483	95	3896	41.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.000%

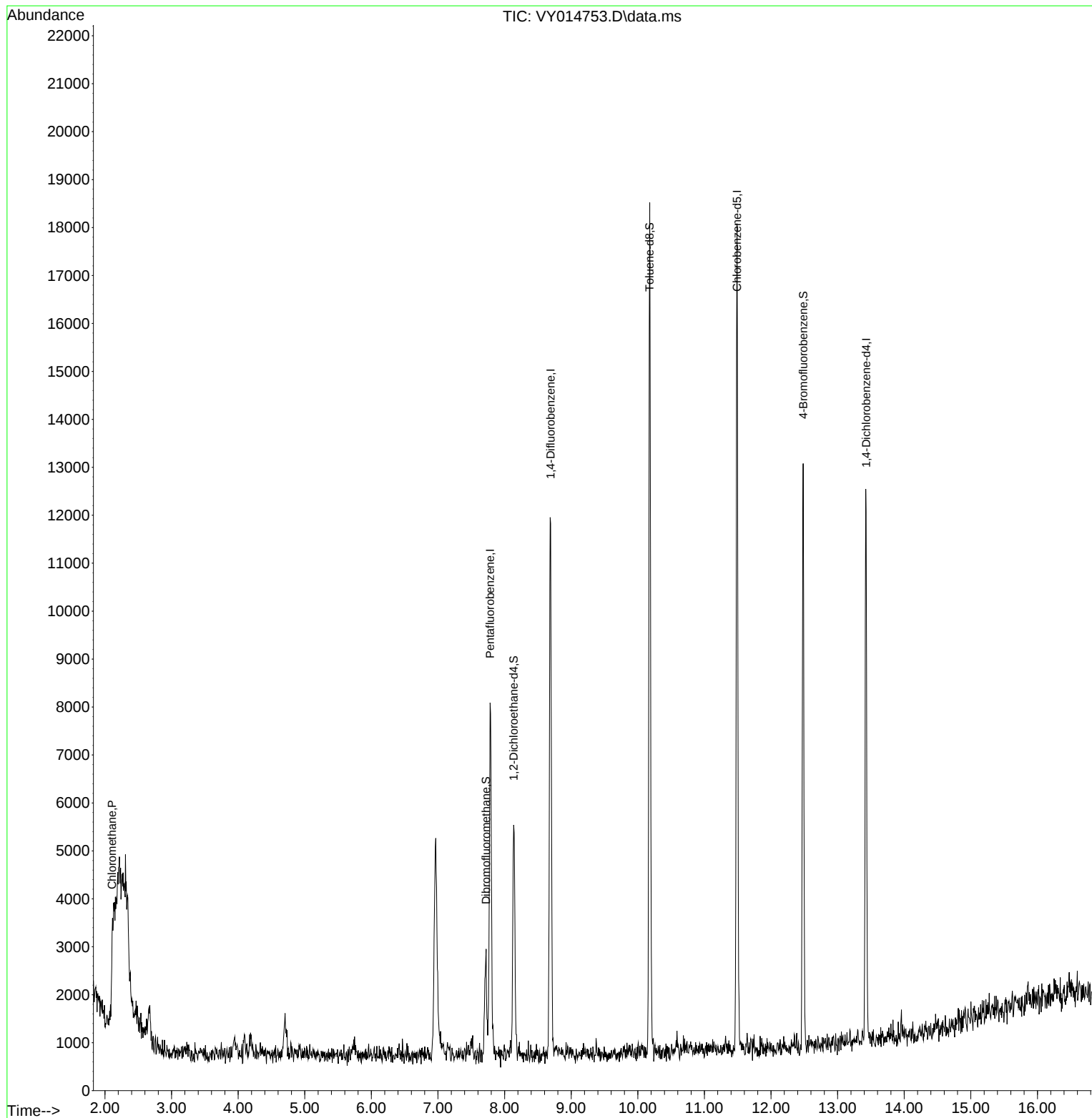
Target Compounds						Qvalue
3) Chloromethane	2.107	50	574	10.427	ug/l	# 83

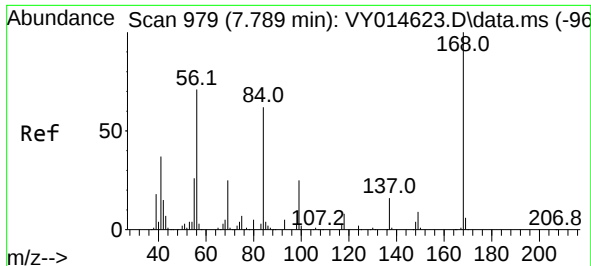
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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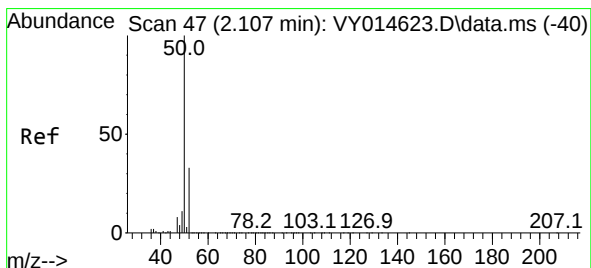
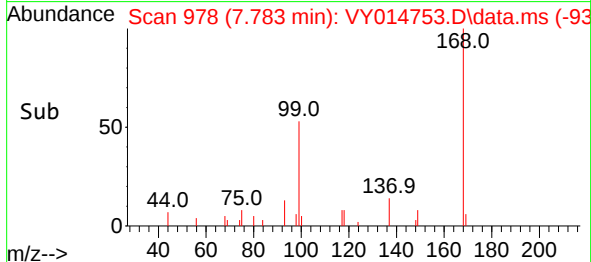
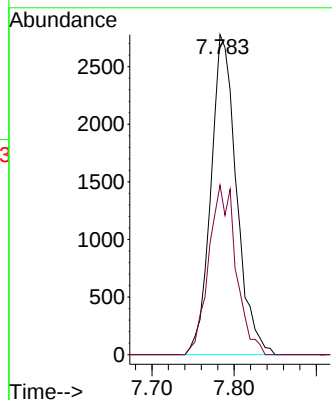
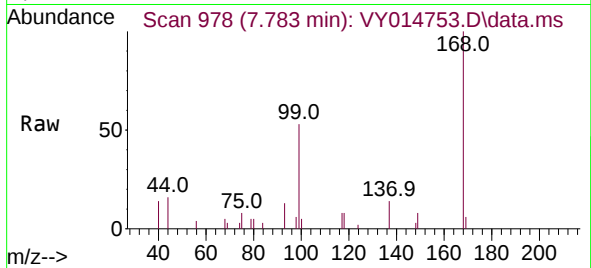




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014753.D
Acq: 21 Jul 2023 17:42

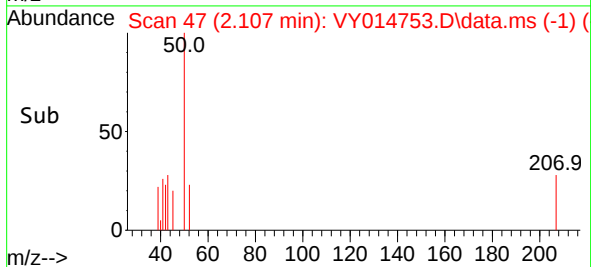
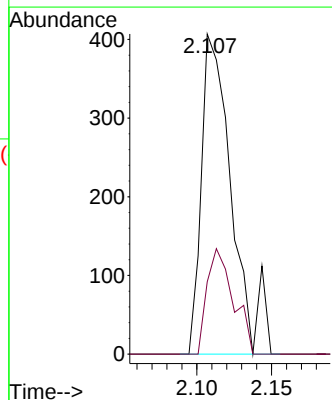
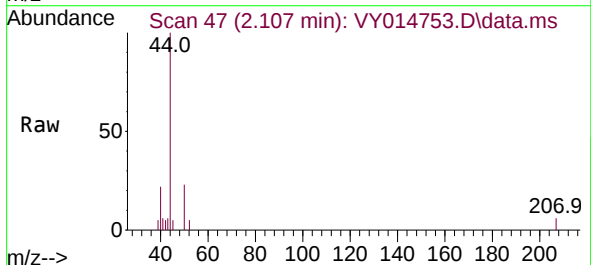
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

Tgt Ion:168 Resp: 6011
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#3
Chloromethane
Concen: 10.427 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY014753.D
Acq: 21 Jul 2023 17:42

Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 22.6 25.4 38.2#





#33

1,2-Dichloroethane-d4

Concen: 56.849 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014753.D

Acq: 21 Jul 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

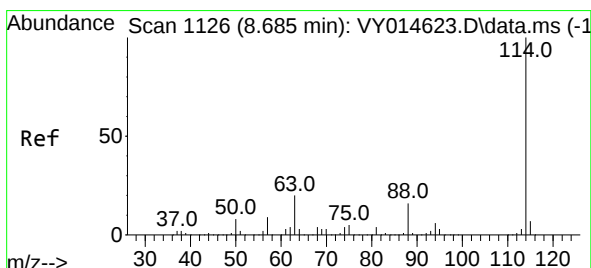
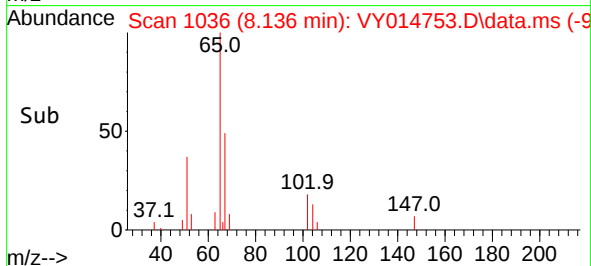
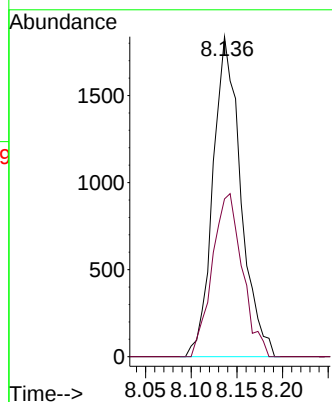
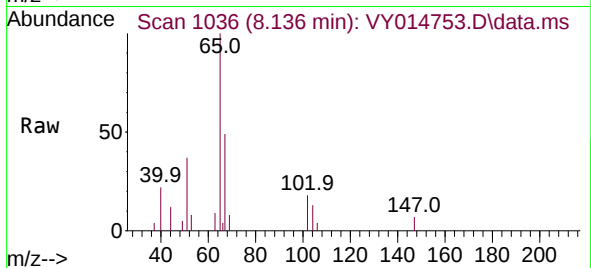
B-P10A

Tgt Ion: 65 Resp: 3894

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014753.D

Acq: 21 Jul 2023 17:42

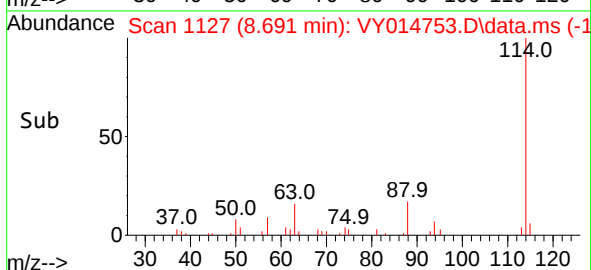
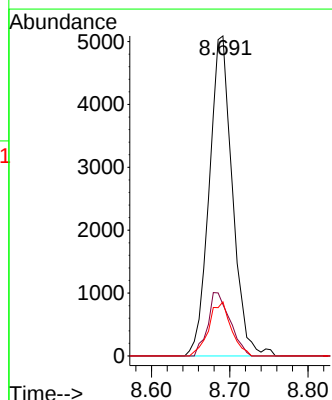
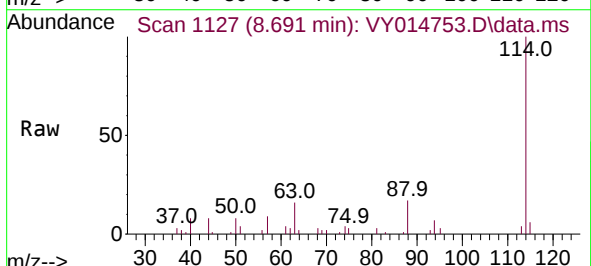
Tgt Ion: 114 Resp: 10431

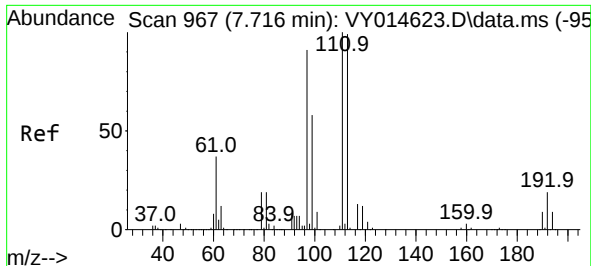
Ion Ratio Lower Upper

114 100

63 16.1 0.0 42.4

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 25.165 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY014753.D

Acq: 21 Jul 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

B-P10A

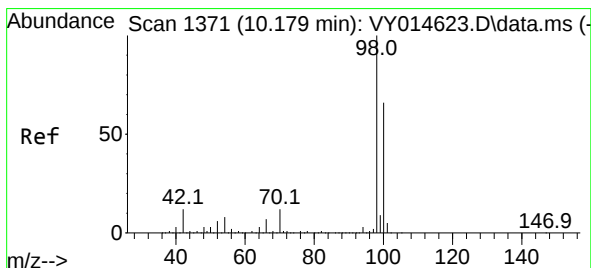
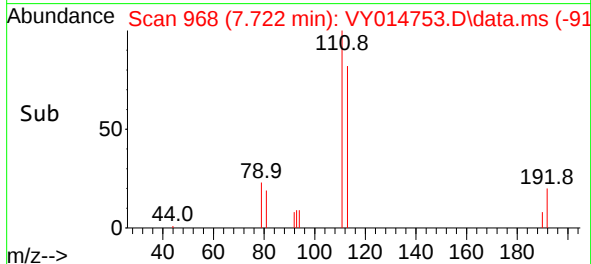
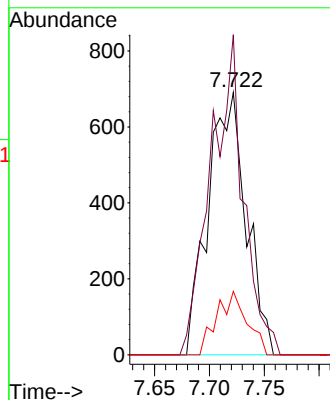
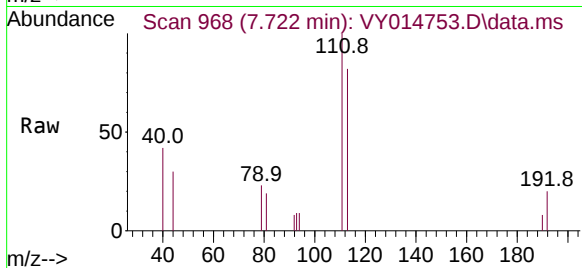
Tgt Ion:113 Resp: 1671

Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

192 19.2 16.9 25.3



#50

Toluene-d8

Concen: 48.030 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014753.D

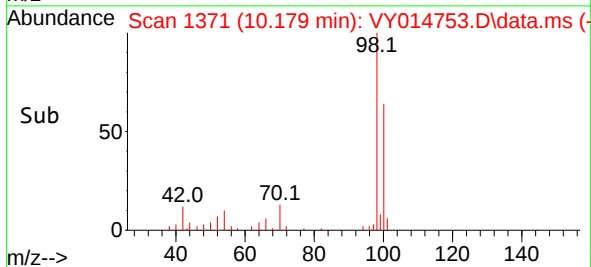
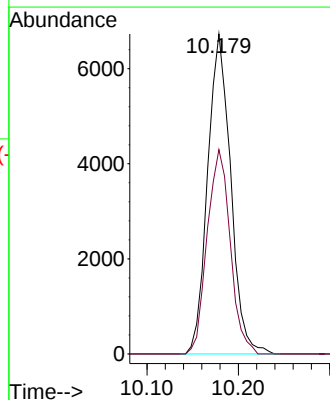
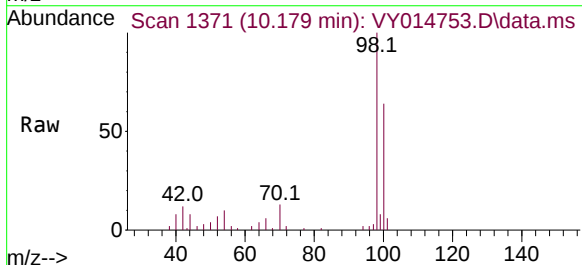
Acq: 21 Jul 2023 17:42

Tgt Ion: 98 Resp: 11758

Ion Ratio Lower Upper

98 100

100 64.0 50.1 75.1

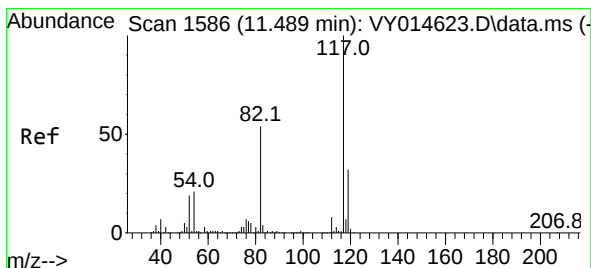
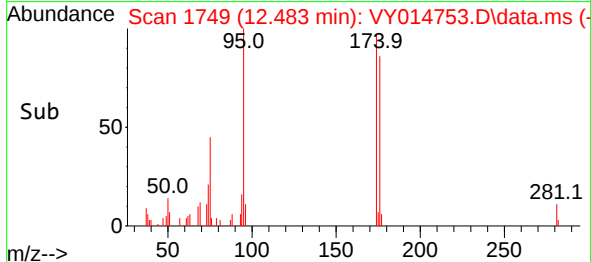
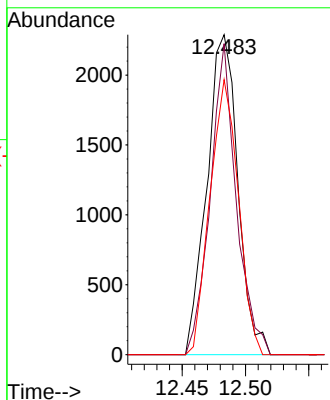
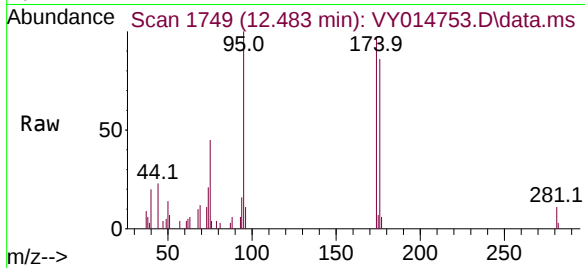




#62
4-Bromofluorobenzene
Concen: 41.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014753.D
Acq: 21 Jul 2023 17:42

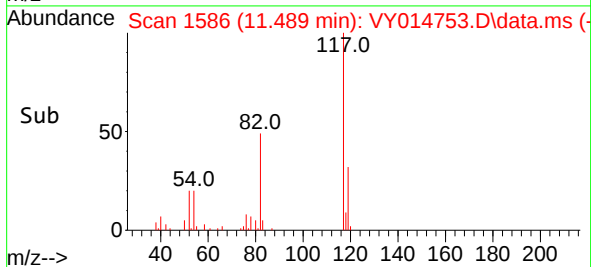
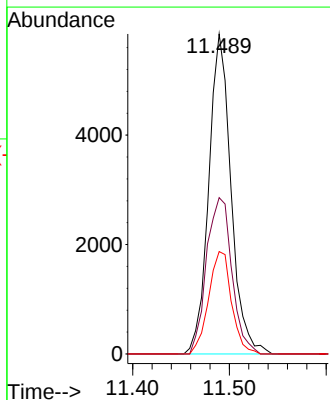
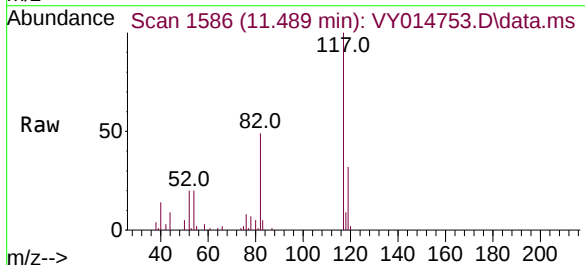
Instrument :
MSVOA_Y
ClientSampleId :
B-P10A

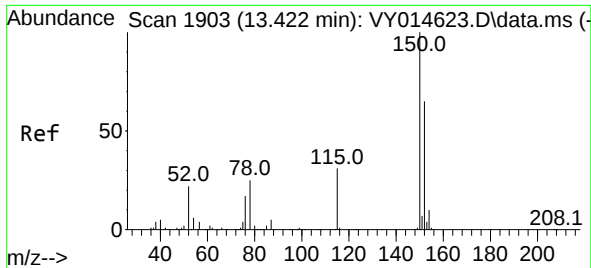
Tgt Ion: 95 Resp: 3896
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 78.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014753.D
Acq: 21 Jul 2023 17:42

Tgt Ion: 117 Resp: 9365
Ion Ratio Lower Upper
117 100
82 48.9 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014753.D

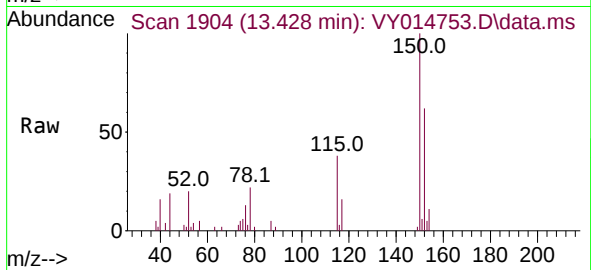
Acq: 21 Jul 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

B-P10A



Tgt Ion:152 Resp: 3200

Ion Ratio Lower Upper

152 100

115 61.9 28.8 86.5

150 160.5 0.0 348.8

