

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014756.D
 Acq On : 21 Jul 2023 18:53
 Operator : SY/MD
 Sample : 03706-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P20B

Quant Time: Jul 22 05:41:08 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)

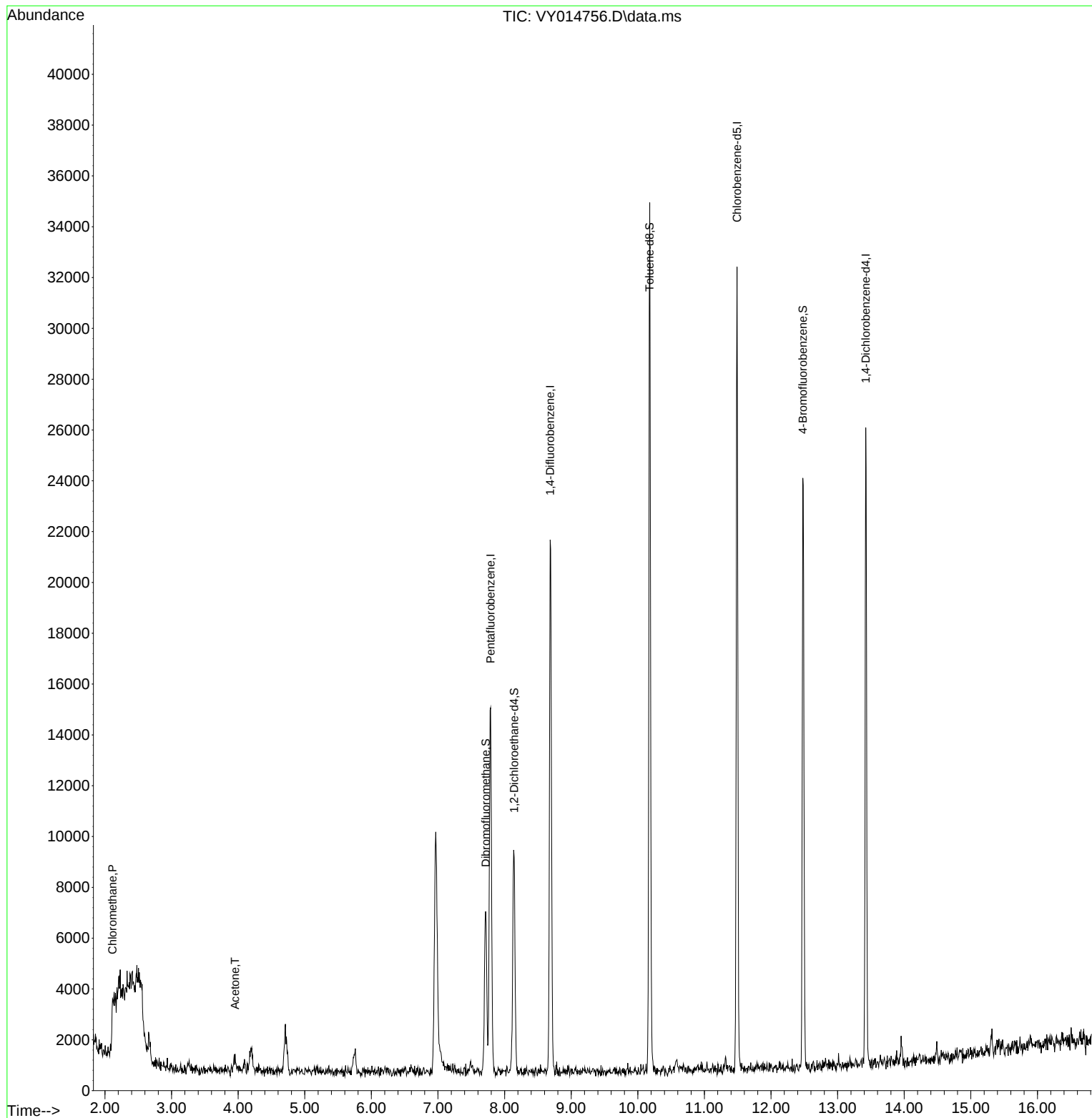
Internal Standards						
1) Pentafluorobenzene	7.789	168	12034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6984	50.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.716	113	4880	38.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.720%	
50) Toluene-d8	10.179	98	22676	48.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.700%	
62) 4-Bromofluorobenzene	12.477	95	7466	41.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.040%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	364	3.303	ug/l	93
16) Acetone	3.954	43	1196	27.522	ug/l	96

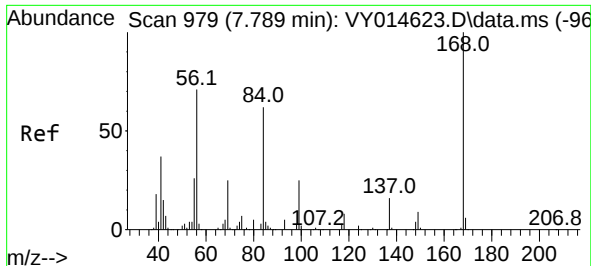
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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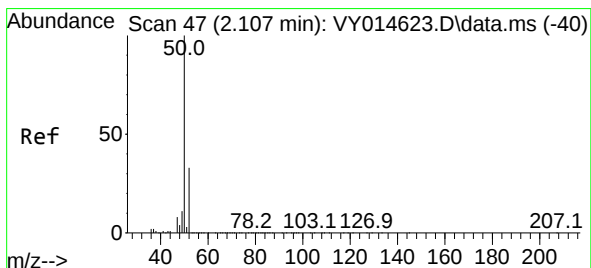
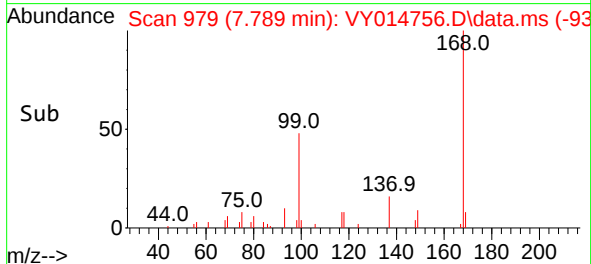
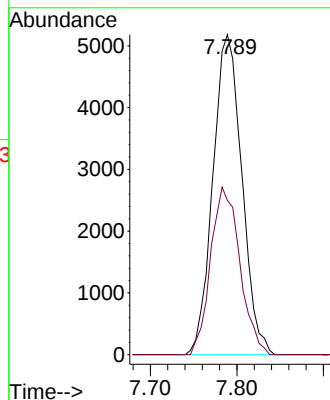
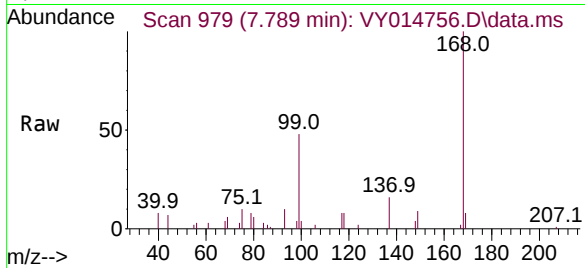




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014756.D
Acq: 21 Jul 2023 18:53

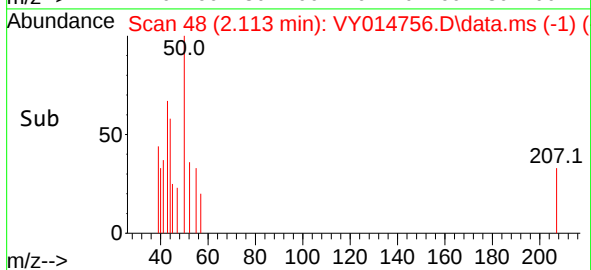
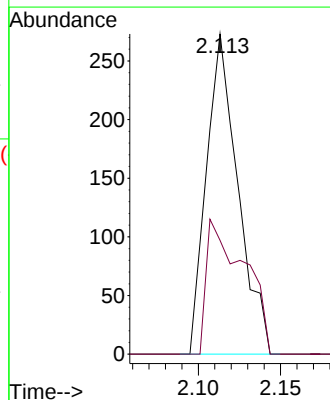
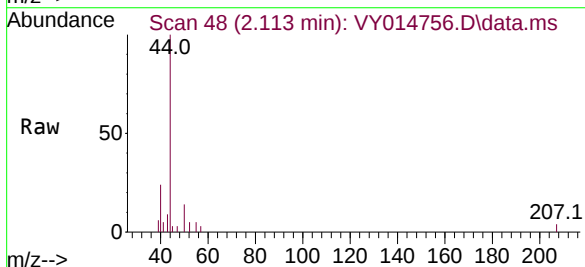
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

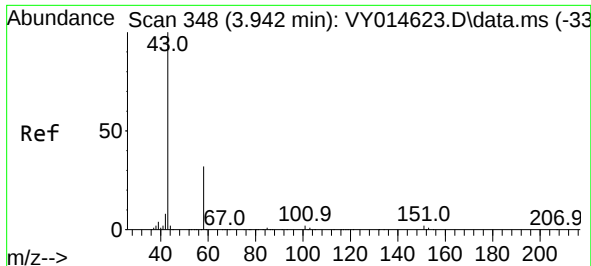
Tgt Ion:168 Resp: 12034
Ion Ratio Lower Upper
168 100
99 48.2 43.4 65.0



#3
Chloromethane
Concen: 3.303 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014756.D
Acq: 21 Jul 2023 18:53

Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 35.5 25.4 38.2

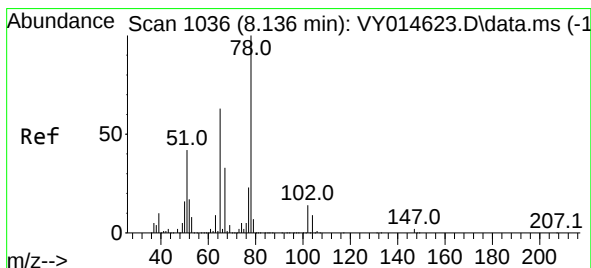
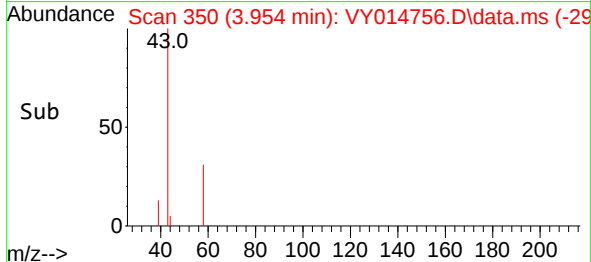
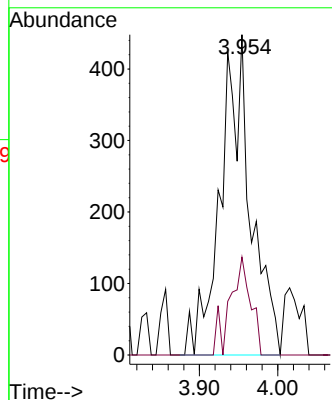
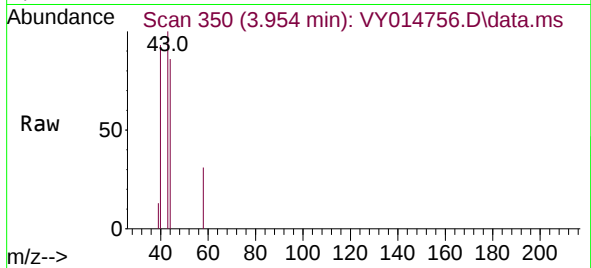




#16
Acetone
Concen: 27.522 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014756.D
Acq: 21 Jul 2023 18:53

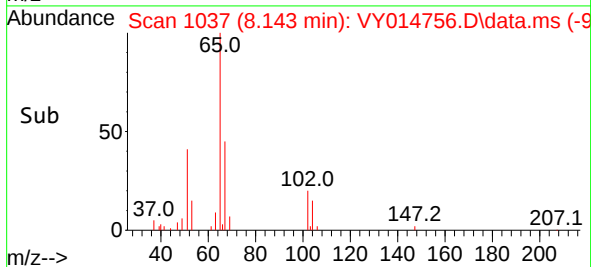
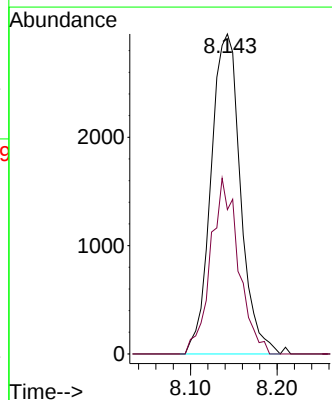
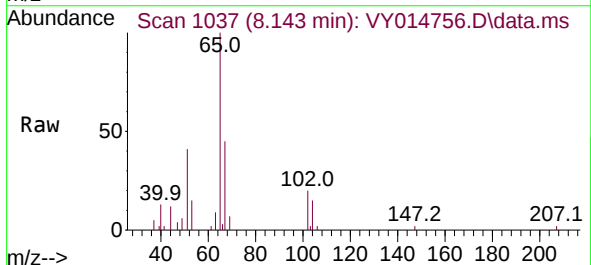
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

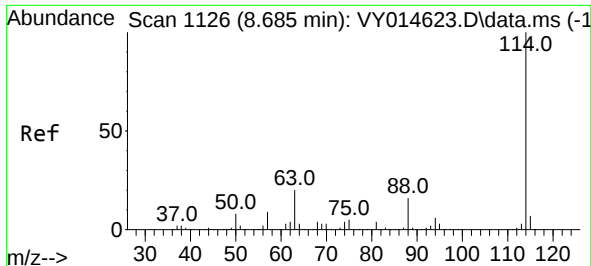
Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1



#33
1,2-Dichloroethane-d4
Concen: 50.929 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014756.D
Acq: 21 Jul 2023 18:53

Tgt Ion: 65 Resp: 6984
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014756.D

Acq: 21 Jul 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

B-P20B

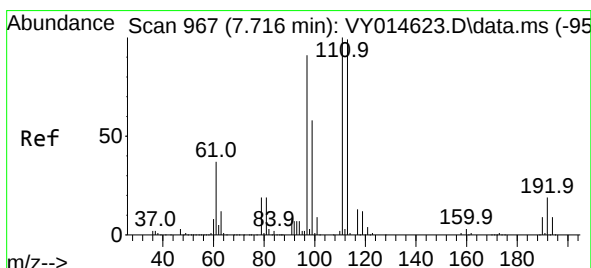
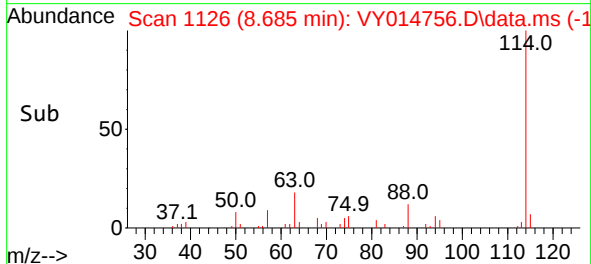
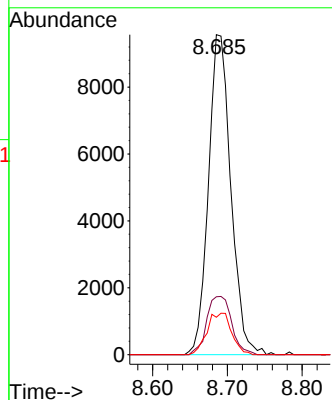
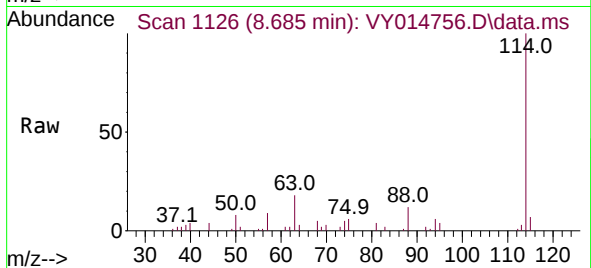
Tgt Ion:114 Resp: 19982

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 11.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 38.365 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014756.D

Acq: 21 Jul 2023 18:53

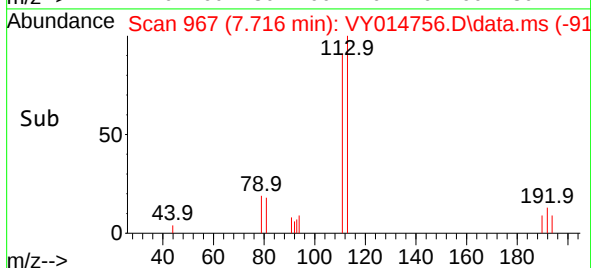
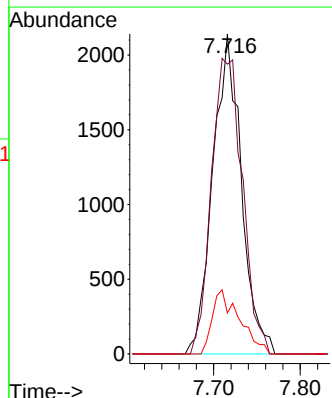
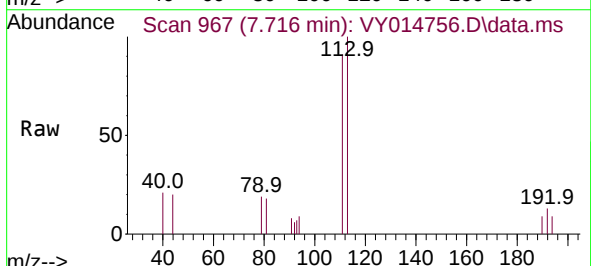
Tgt Ion:113 Resp: 4880

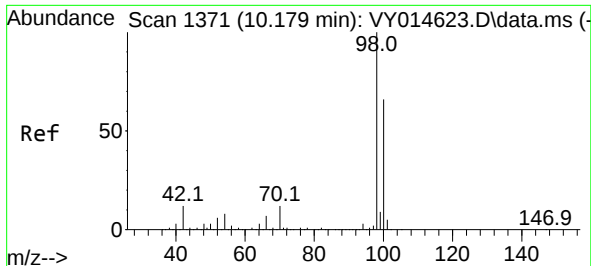
Ion Ratio Lower Upper

113 100

111 101.1 81.3 121.9

192 19.2 16.9 25.3

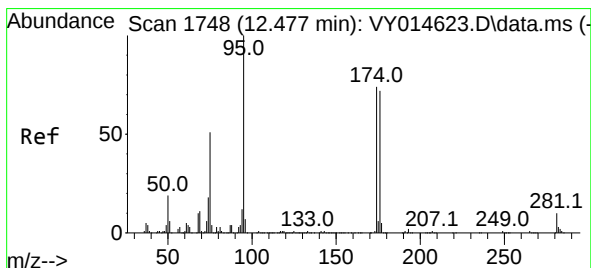
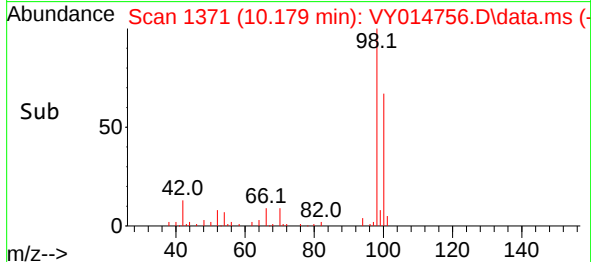
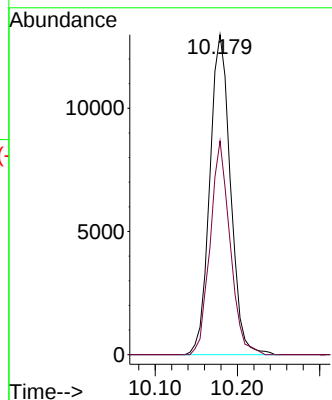
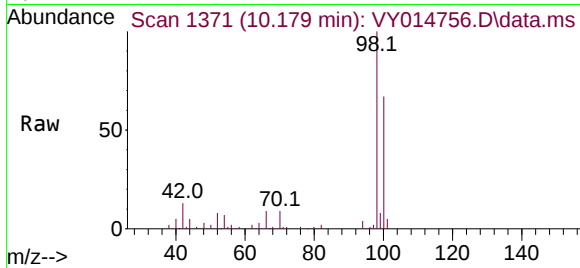




#50
Toluene-d8
Concen: 48.354 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014756.D
Acq: 21 Jul 2023 18:53

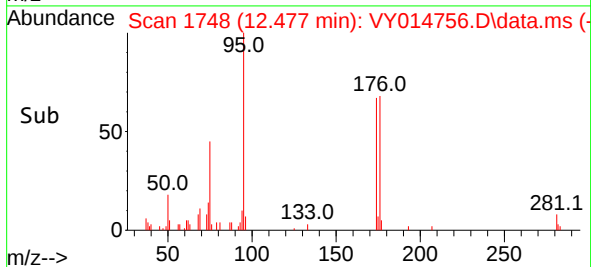
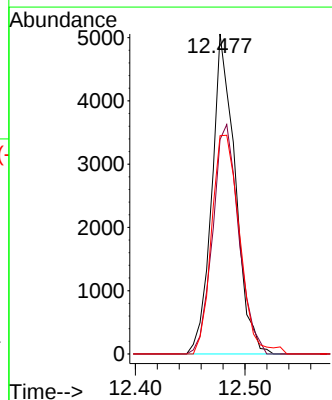
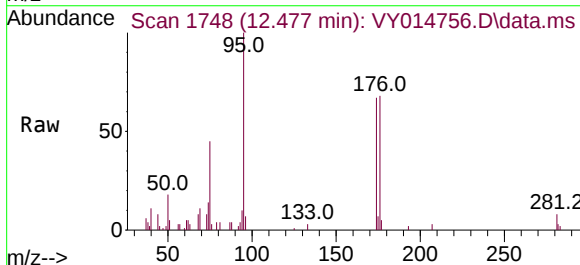
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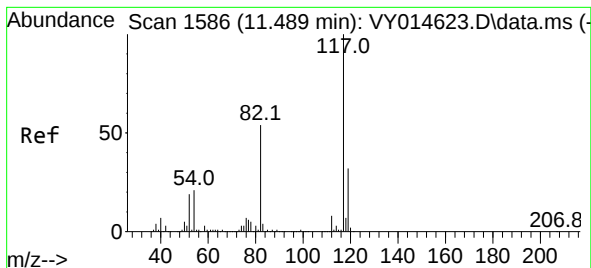
Tgt Ion: 98 Resp: 22676
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.520 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014756.D
Acq: 21 Jul 2023 18:53

Tgt Ion: 95 Resp: 7466
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014756.D

Acq: 21 Jul 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

B-P20B

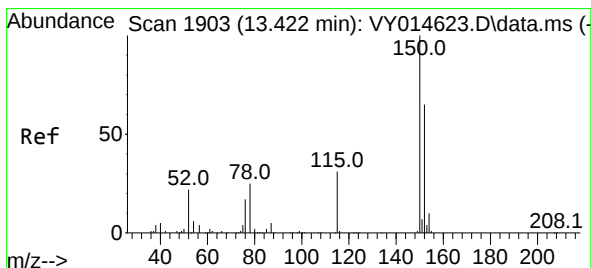
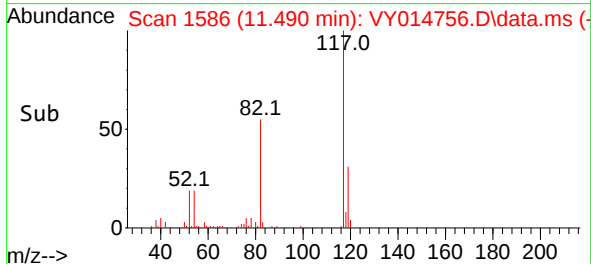
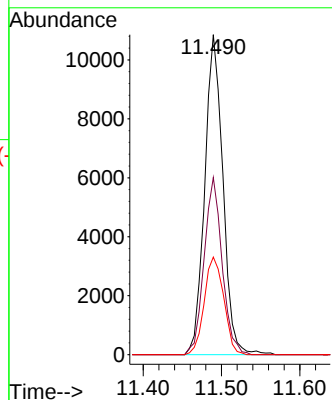
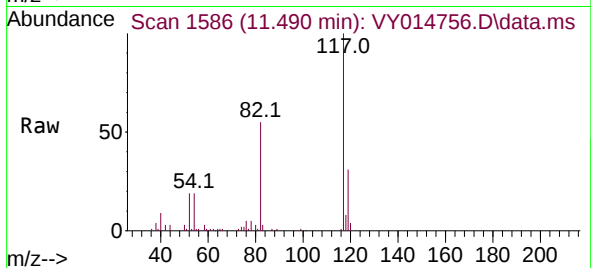
Tgt Ion:117 Resp: 17484

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 30.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014756.D

Acq: 21 Jul 2023 18:53

Tgt Ion:152 Resp: 6439

Ion Ratio Lower Upper

152 100

115 63.6 28.8 86.5

150 160.2 0.0 348.8

