

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011399.D
 Acq On : 10 Nov 2022 18:32
 Operator : KP/MD
 Sample : N5531-12
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28A

Quant Time: Nov 10 22:18:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

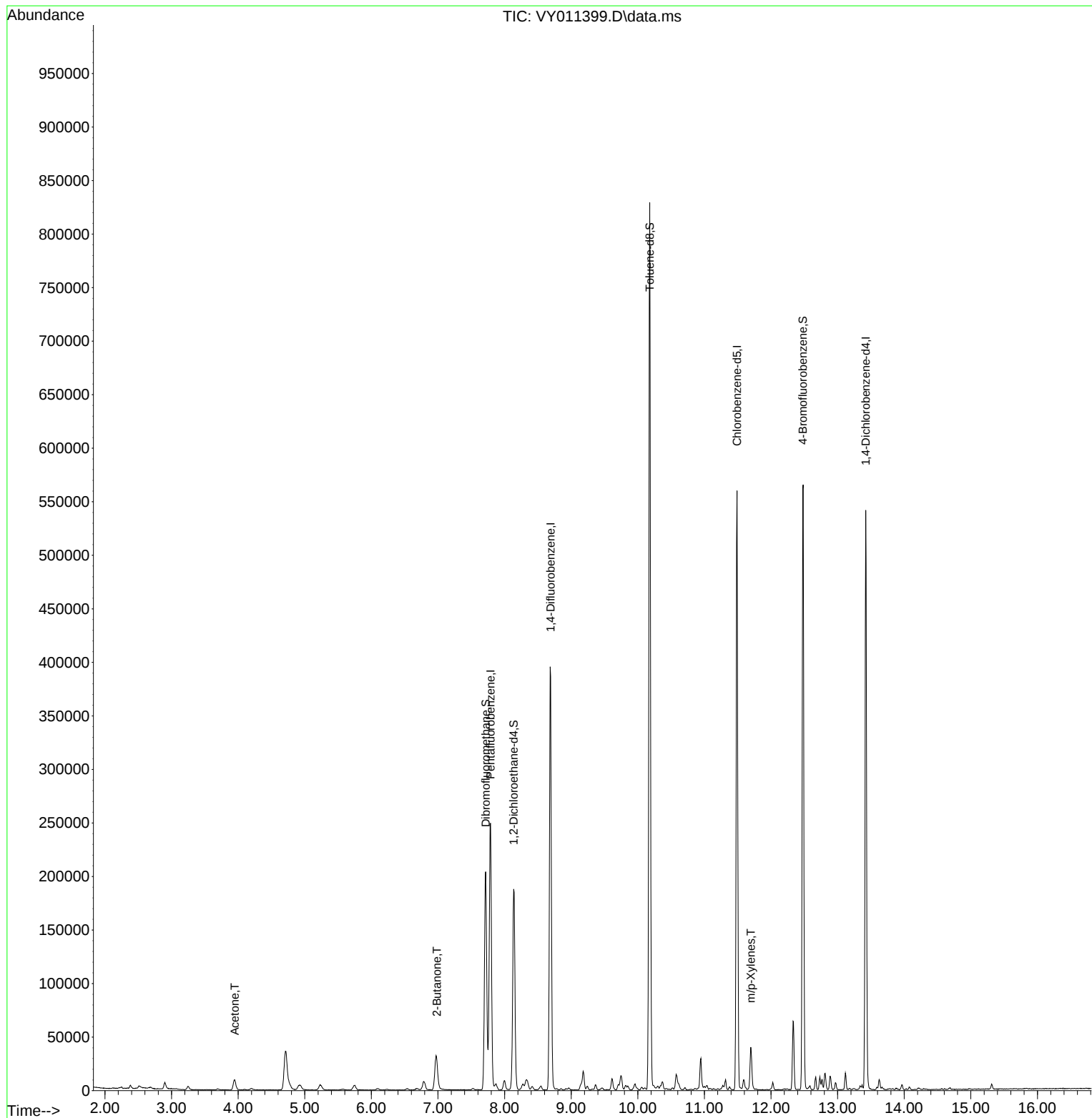
Internal Standards						
1) Pentafluorobenzene	7.789	168	200989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	352618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146516	86.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.980%#	
35) Dibromofluoromethane	7.716	113	147622	74.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.400%#	
50) Toluene-d8	10.179	98	553808	73.357	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 146.720%#	
62) 4-Bromofluorobenzene	12.477	95	182525	69.317	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.640%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	16522	37.175	ug/l #	85
25) 2-Butanone	6.984	43	5975	9.438	ug/l #	74
68) m/p-Xylenes	11.697	106	12696	2.861	ug/l	93

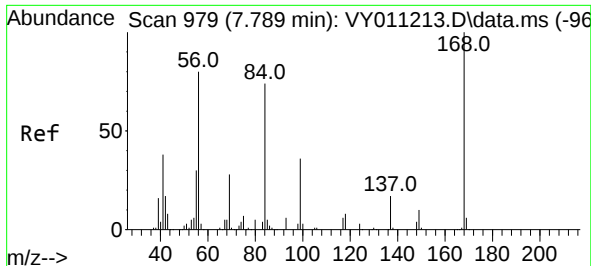
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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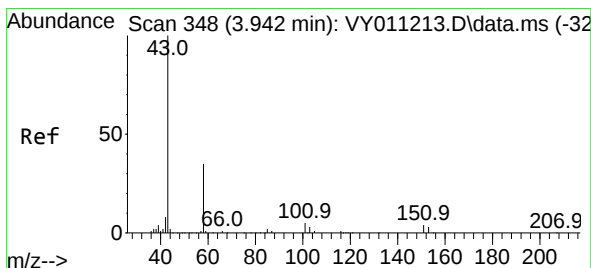
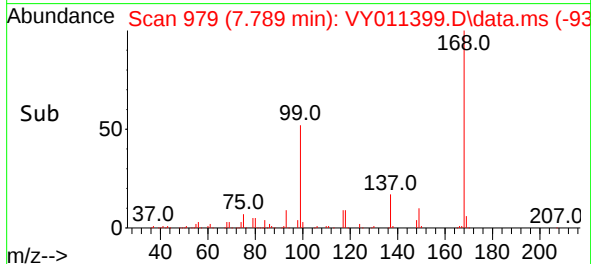
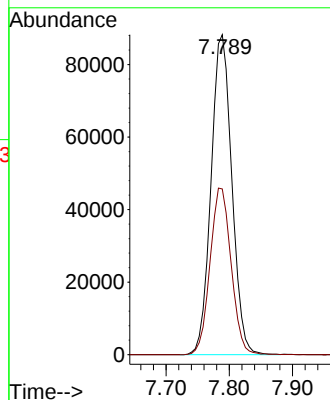
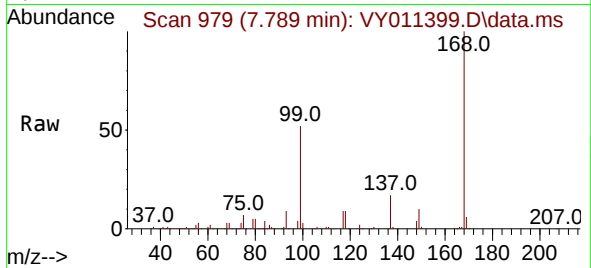




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011399.D
Acq: 10 Nov 2022 18:32

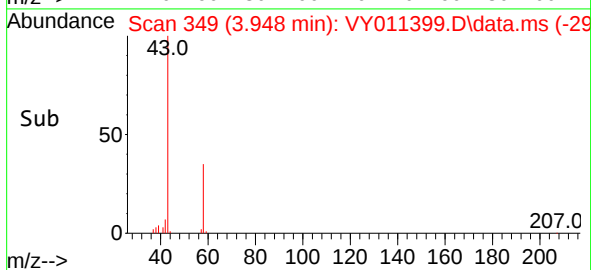
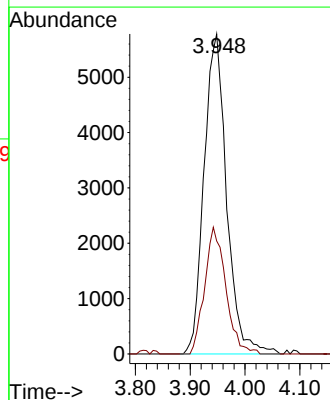
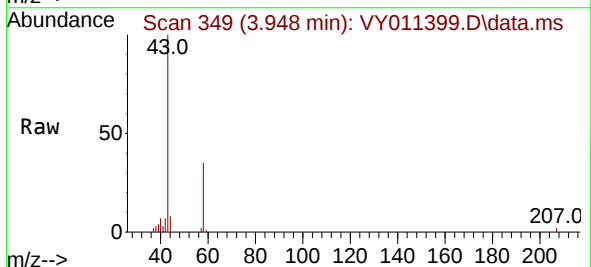
Instrument :
MSVOA_Y
ClientSampleId :
SB-28A

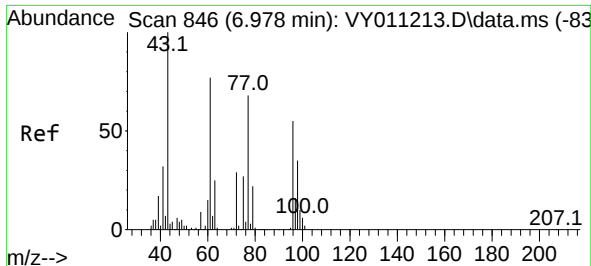
Tgt Ion:168 Resp: 200989
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 37.175 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011399.D
Acq: 10 Nov 2022 18:32

Tgt Ion: 43 Resp: 16522
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#

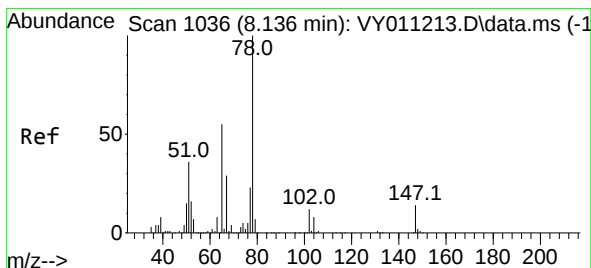
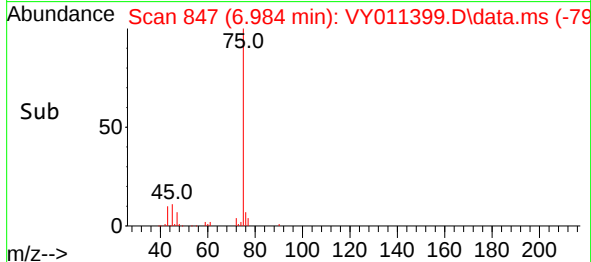
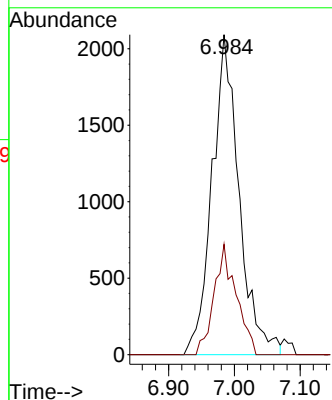
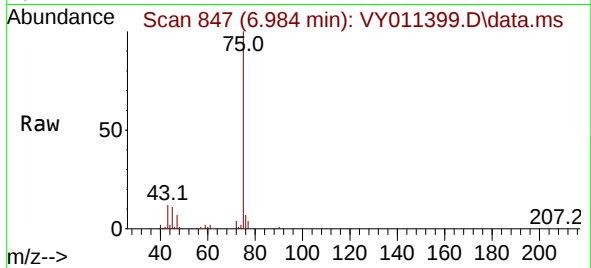




#25
2-Butanone
Concen: 9.438 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011399.D
Acq: 10 Nov 2022 18:32

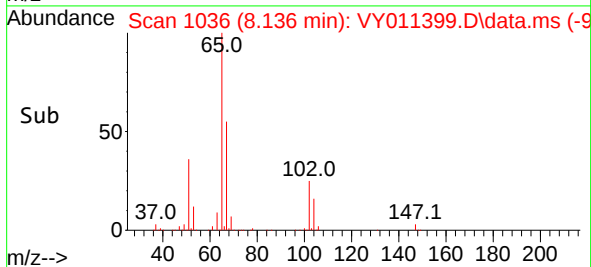
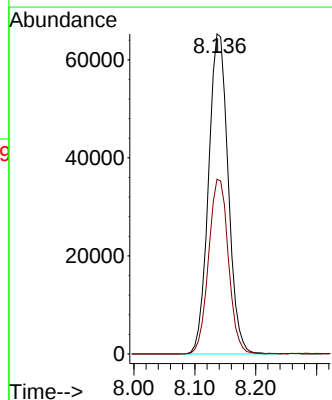
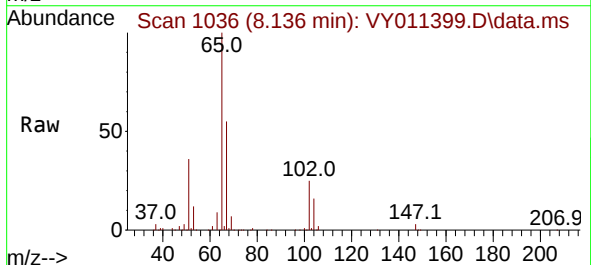
Instrument :
MSVOA_Y
ClientSampleId :
SB-28A

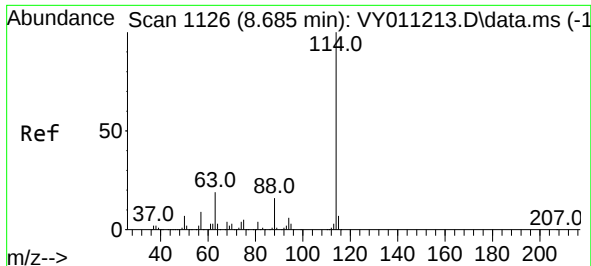
Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
72 34.5 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 86.993 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011399.D
Acq: 10 Nov 2022 18:32

Tgt Ion: 65 Resp: 146516
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011399.D

Acq: 10 Nov 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-28A

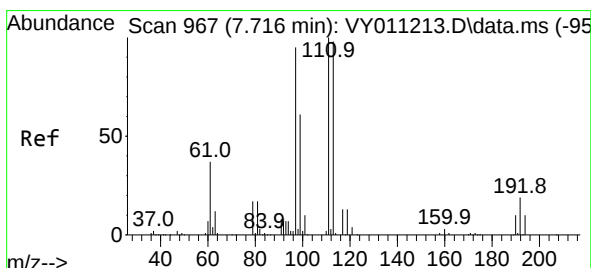
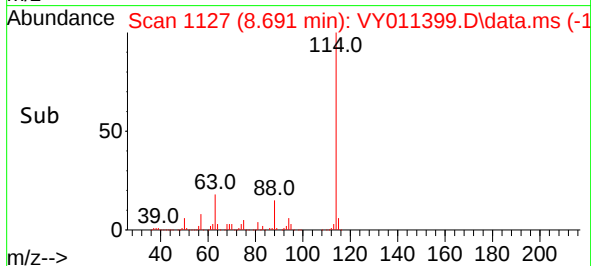
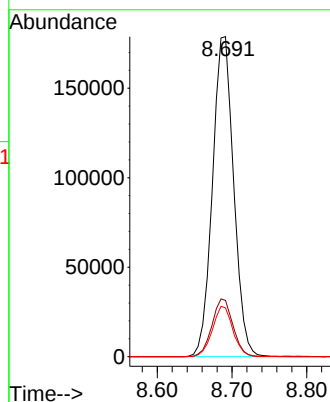
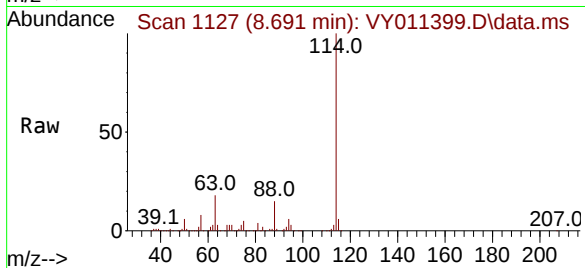
Tgt Ion:114 Resp: 352618

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 74.702 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011399.D

Acq: 10 Nov 2022 18:32

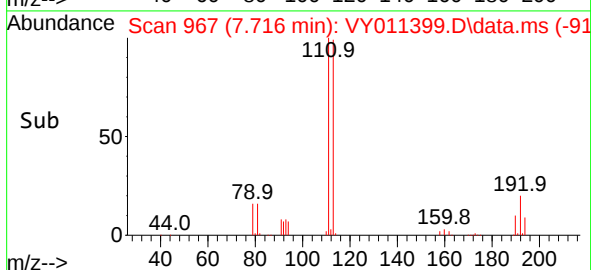
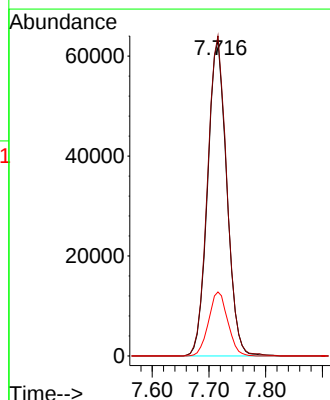
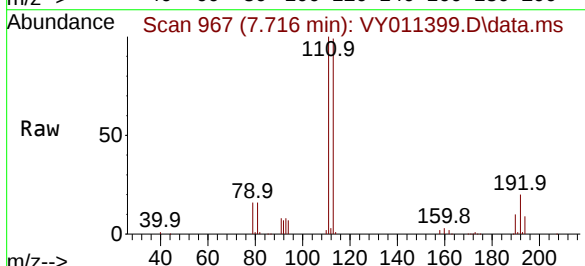
Tgt Ion:113 Resp: 147622

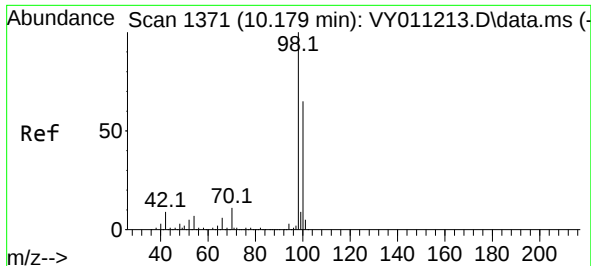
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.3 17.6 26.4

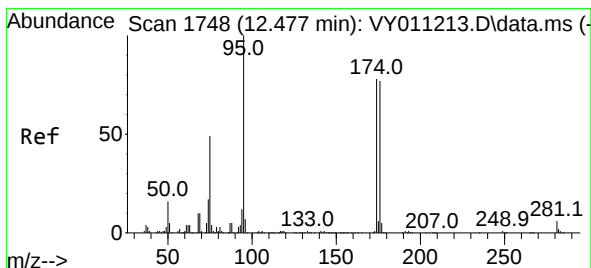
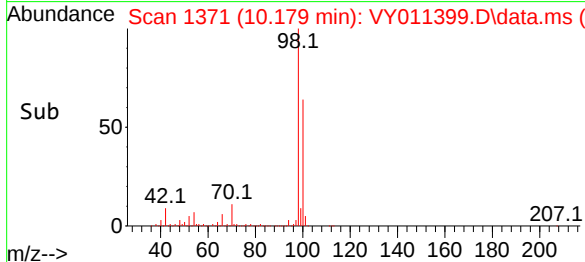
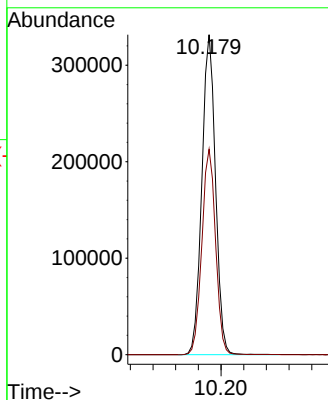
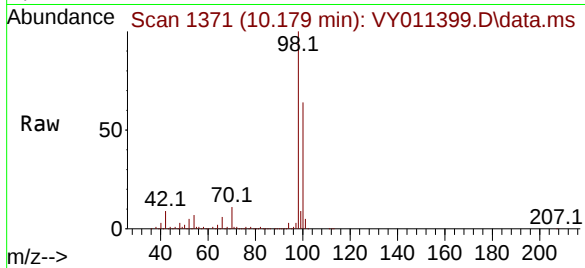




#50
Toluene-d8
Concen: 73.357 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011399.D
Acq: 10 Nov 2022 18:32

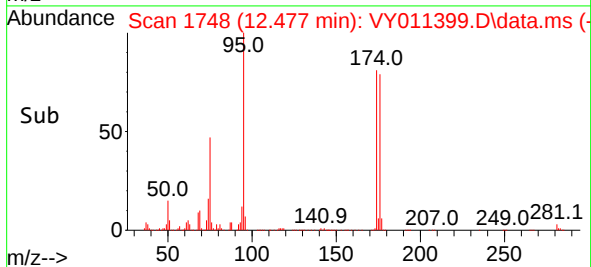
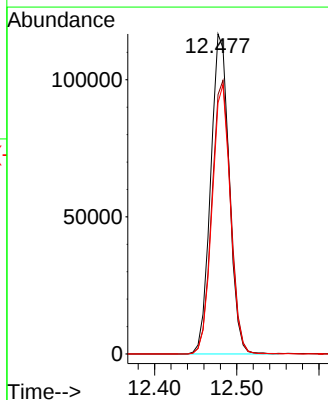
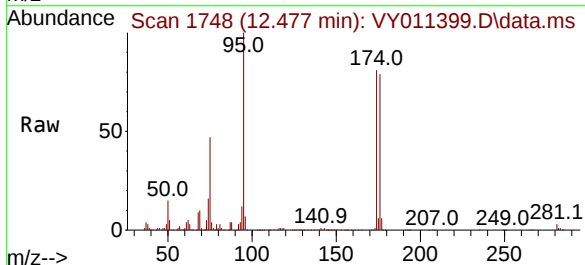
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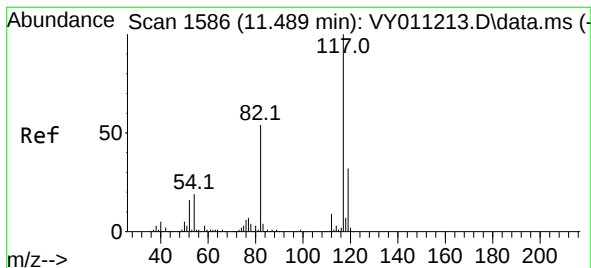
Tgt Ion: 98 Resp: 553808
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 69.317 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011399.D
Acq: 10 Nov 2022 18:32

Tgt Ion: 95 Resp: 182525
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 83.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011399.D

Acq: 10 Nov 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-28A

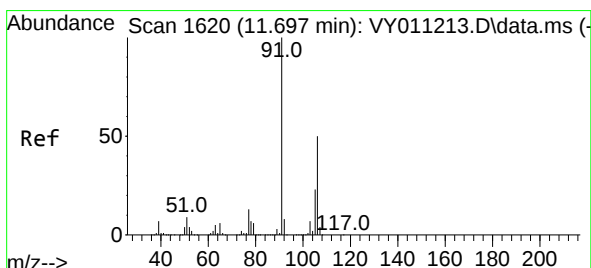
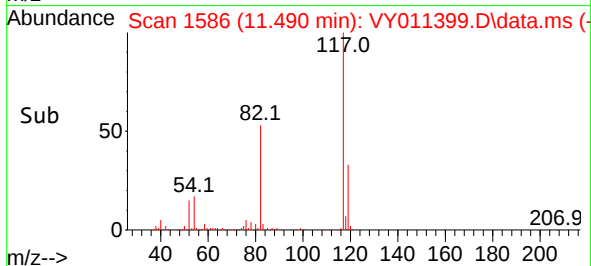
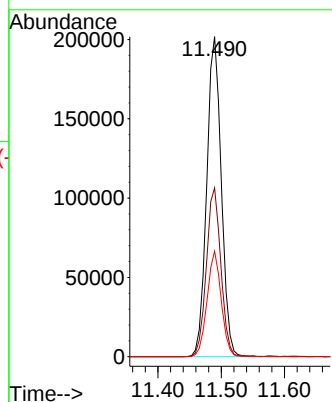
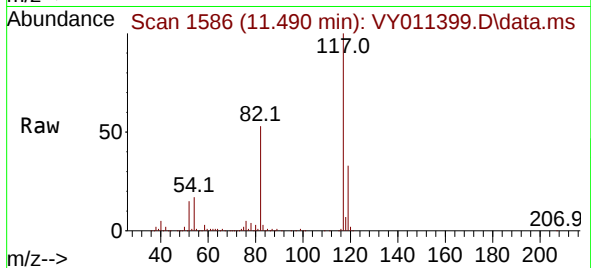
Tgt Ion:117 Resp: 323660

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 33.0 25.4 38.0



#68

m/p-Xylenes

Concen: 2.861 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011399.D

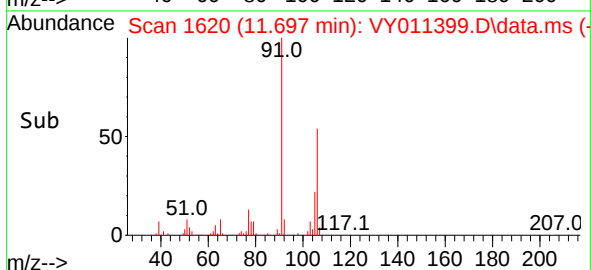
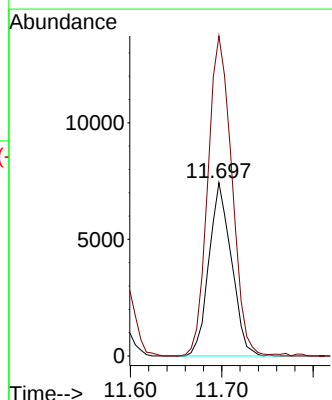
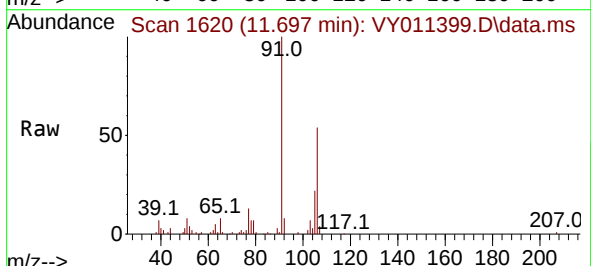
Acq: 10 Nov 2022 18:32

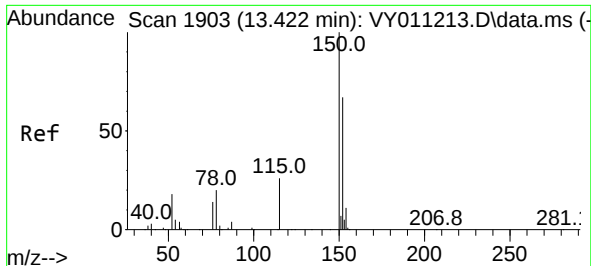
Tgt Ion:106 Resp: 12696

Ion Ratio Lower Upper

106 100

91 197.3 166.6 249.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011399.D

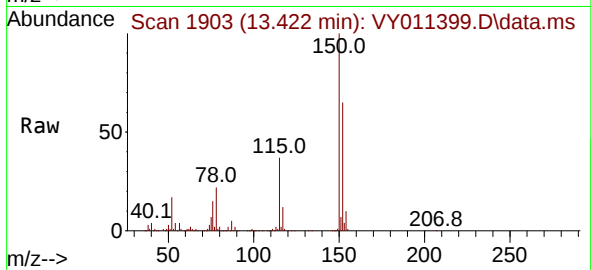
Acq: 10 Nov 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-28A



Tgt Ion:152 Resp: 148039

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 156.2 0.0 347.6

