

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011730.D
 Acq On : 07 Dec 2022 13:54
 Operator : KP/MD
 Sample : N5897-08
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2997

Quant Time: Dec 08 07:56:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

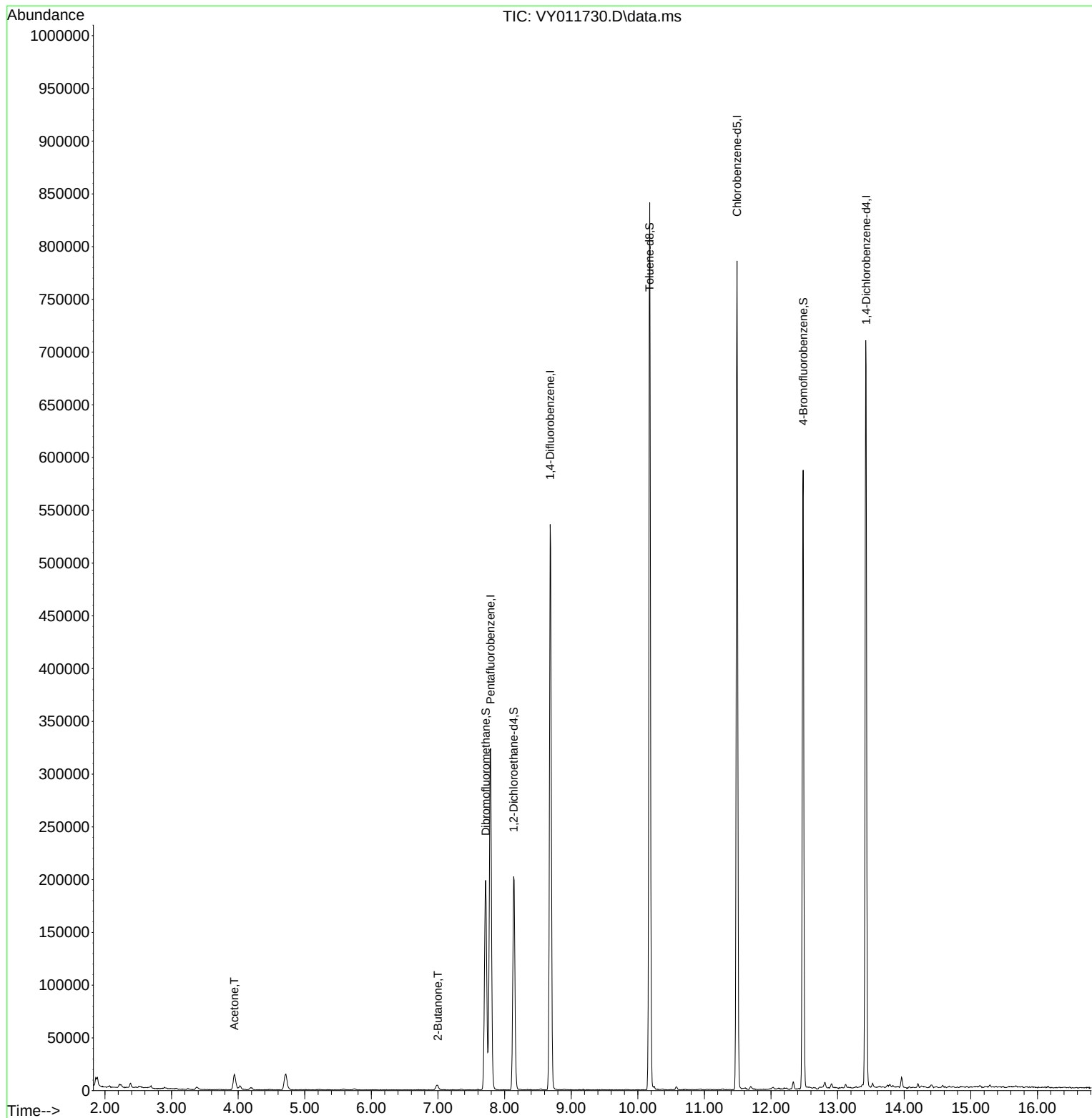
Internal Standards						
1) Pentafluorobenzene	7.789	168	252625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	417766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158467	61.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.560%	
35) Dibromofluoromethane	7.716	113	140899	51.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.180%	
50) Toluene-d8	10.179	98	538511	53.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.483	95	180215	48.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	26217	31.465	ug/l	95
25) 2-Butanone	6.996	43	8592	7.846	ug/l	94

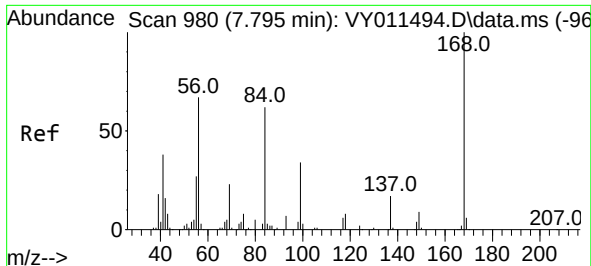
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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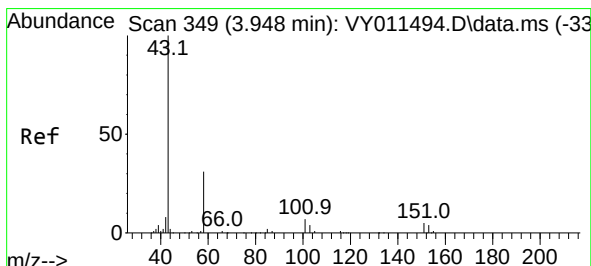
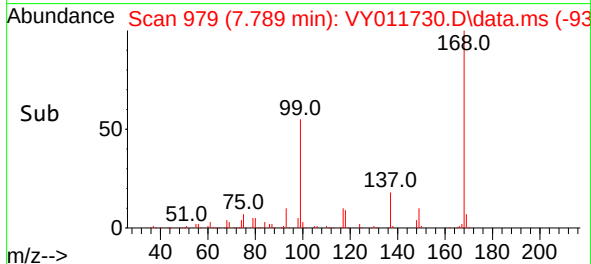
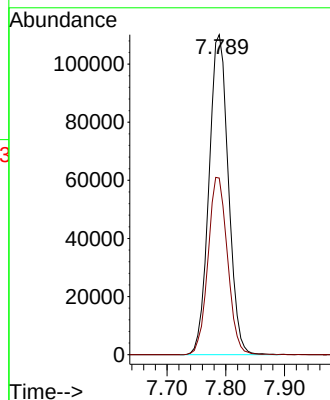
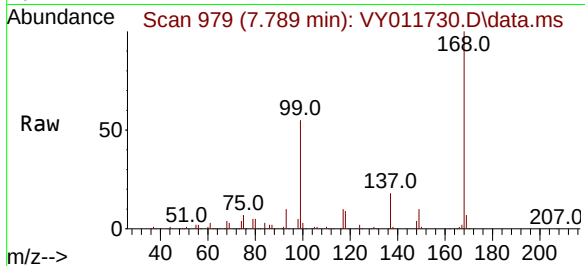




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011730.D
Acq: 07 Dec 2022 13:54

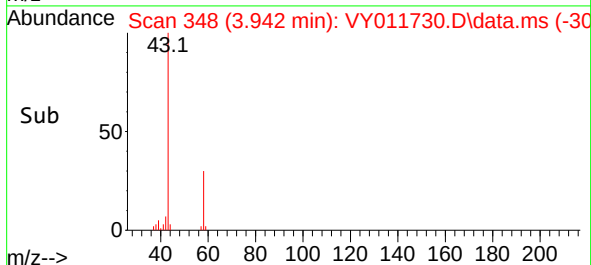
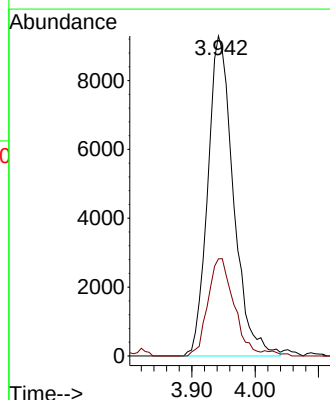
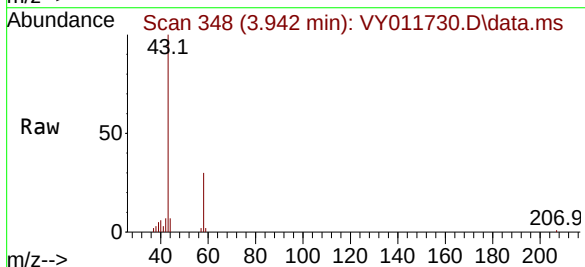
Instrument :
MSVOA_Y
ClientSampleId :
2997

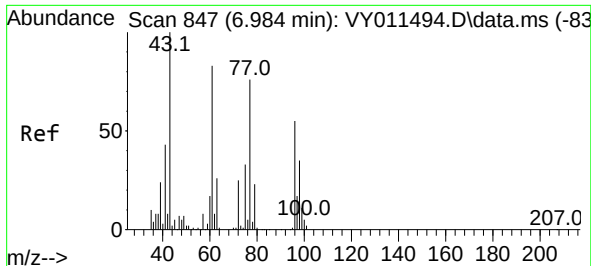
Tgt Ion:168 Resp: 252625
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#16
Acetone
Concen: 31.465 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011730.D
Acq: 07 Dec 2022 13:54

Tgt Ion: 43 Resp: 26217
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0

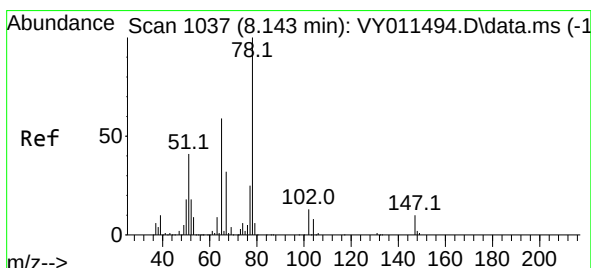
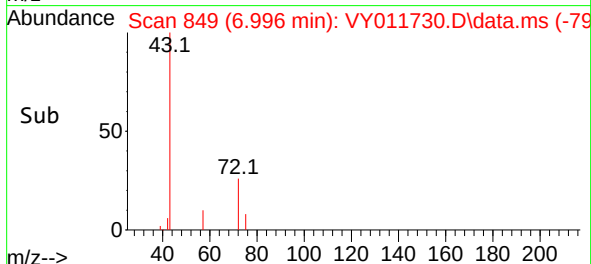
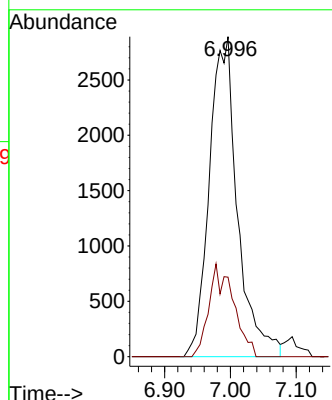
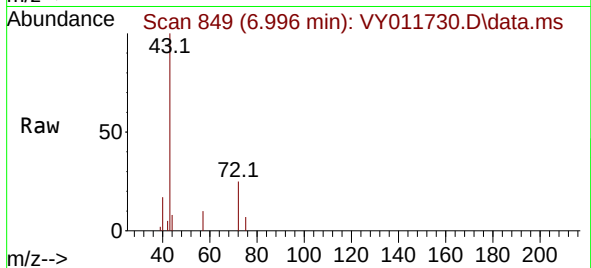




#25
2-Butanone
Concen: 7.846 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY011730.D
Acq: 07 Dec 2022 13:54

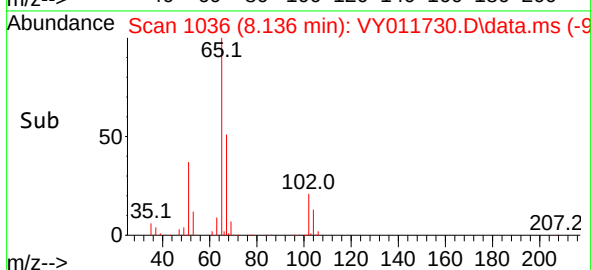
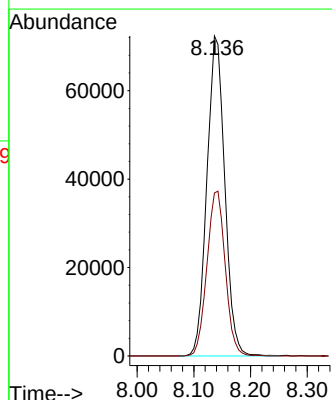
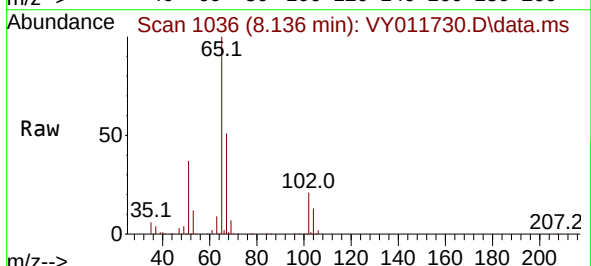
Instrument :
MSVOA_Y
ClientSampleId :
2997

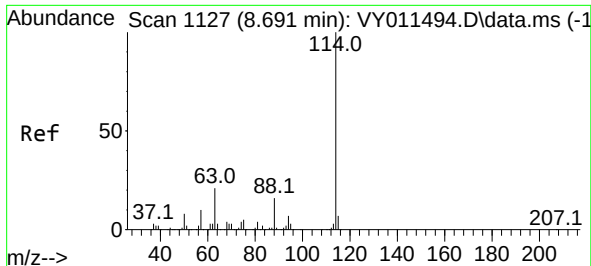
Tgt Ion: 43 Resp: 8592
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 61.777 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011730.D
Acq: 07 Dec 2022 13:54

Tgt Ion: 65 Resp: 158467
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011730.D

Acq: 07 Dec 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

2997

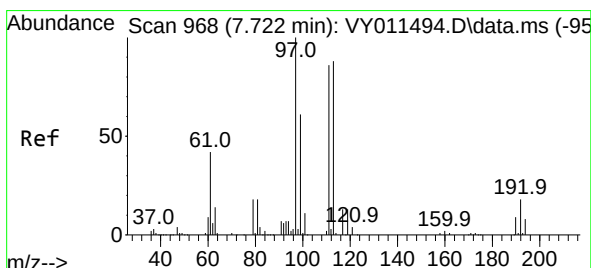
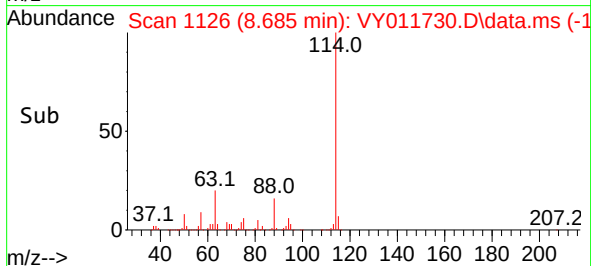
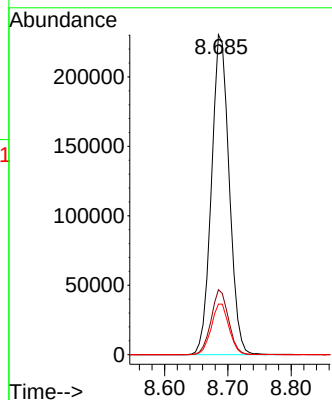
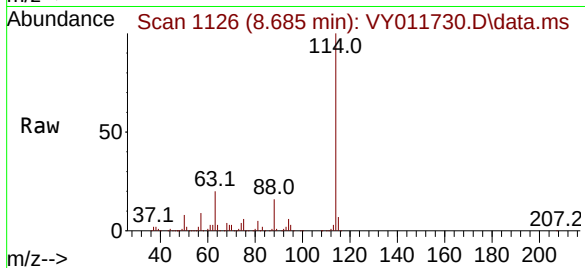
Tgt Ion:114 Resp: 448008

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.089 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011730.D

Acq: 07 Dec 2022 13:54

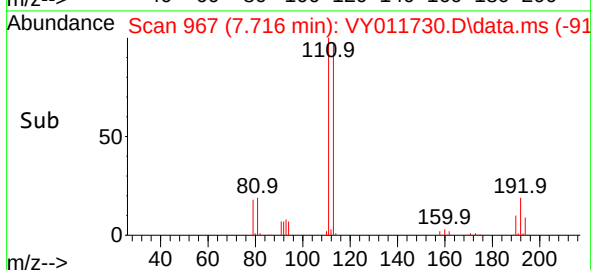
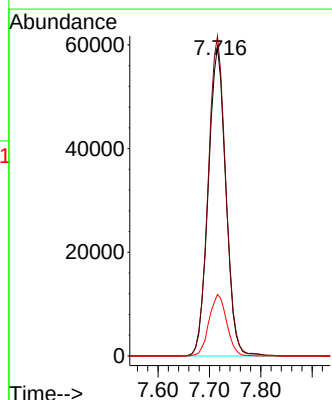
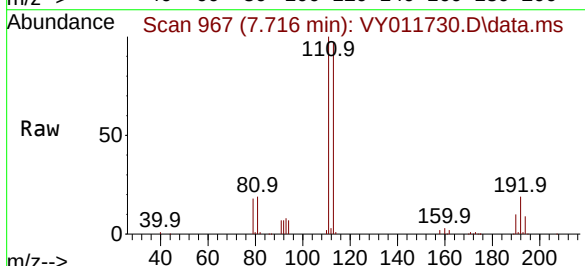
Tgt Ion:113 Resp: 140899

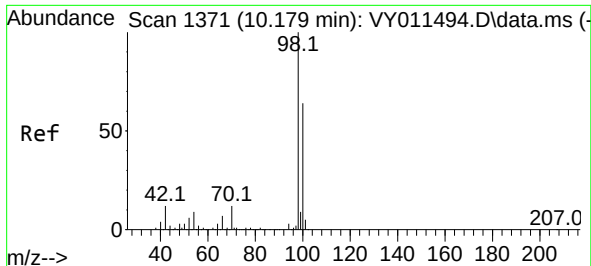
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.0 17.6 26.4

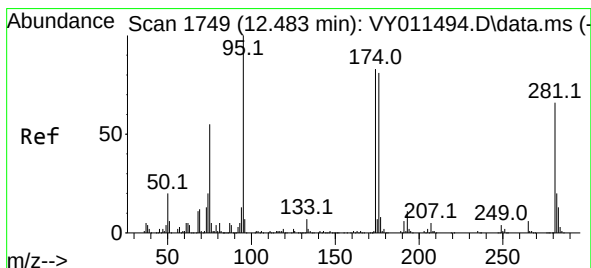
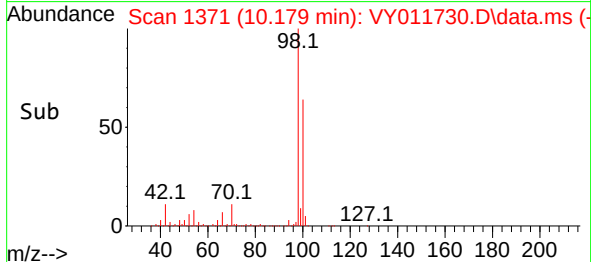
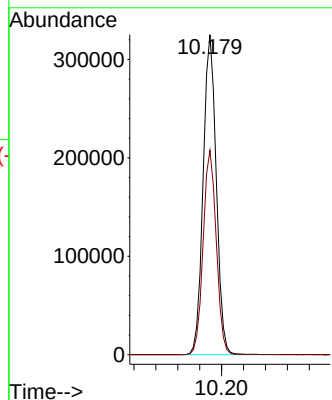
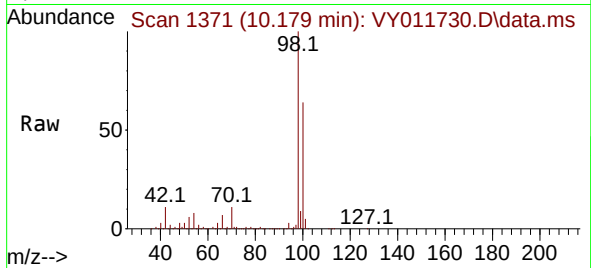




#50
Toluene-d8
Concen: 53.733 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011730.D
Acq: 07 Dec 2022 13:54

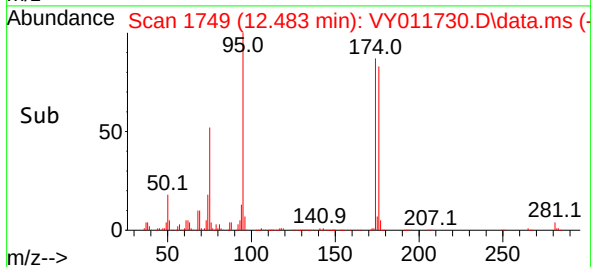
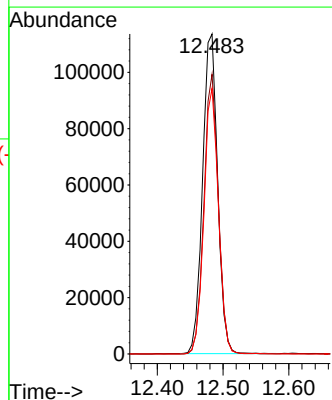
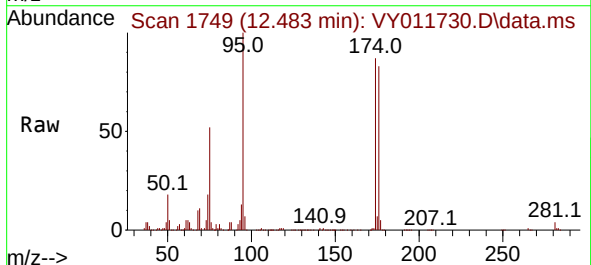
Instrument :
MSVOA_Y
ClientSampleId :
2997

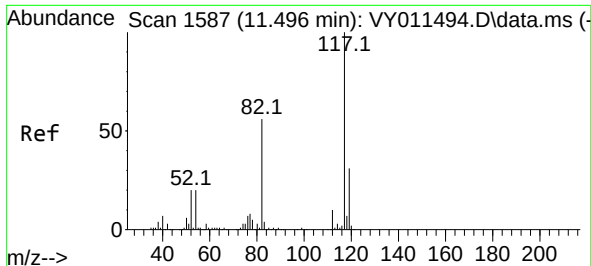
Tgt Ion: 98 Resp: 538511
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011730.D
Acq: 07 Dec 2022 13:54

Tgt Ion: 95 Resp: 180215
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011730.D

Acq: 07 Dec 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

2997

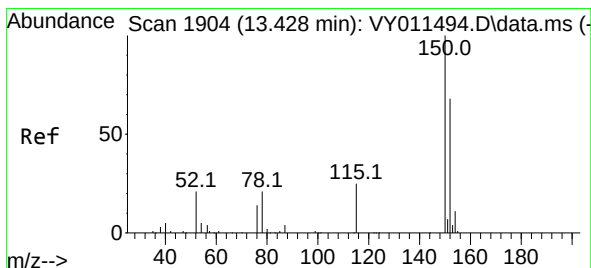
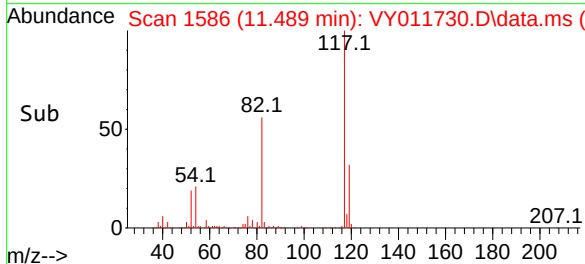
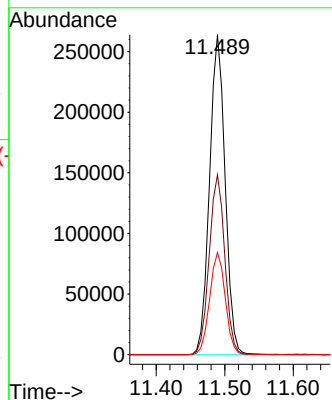
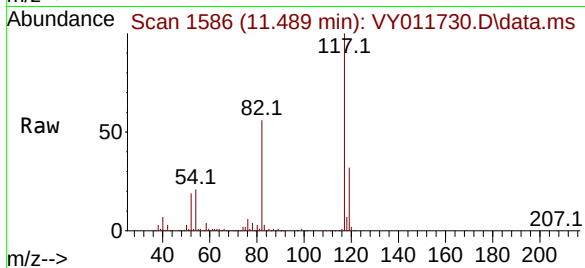
Tgt Ion:117 Resp: 417766

Ion Ratio Lower Upper

117 100

82 56.3 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011730.D

Acq: 07 Dec 2022 13:54

Tgt Ion:152 Resp: 187987

Ion Ratio Lower Upper

152 100

115 59.4 28.2 84.7

150 157.9 0.0 347.6

