

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011071.D
 Acq On : 24 Oct 2022 15:59
 Operator : KP/MD
 Sample : N5254-13
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-102122

Quant Time: Oct 25 05:46:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

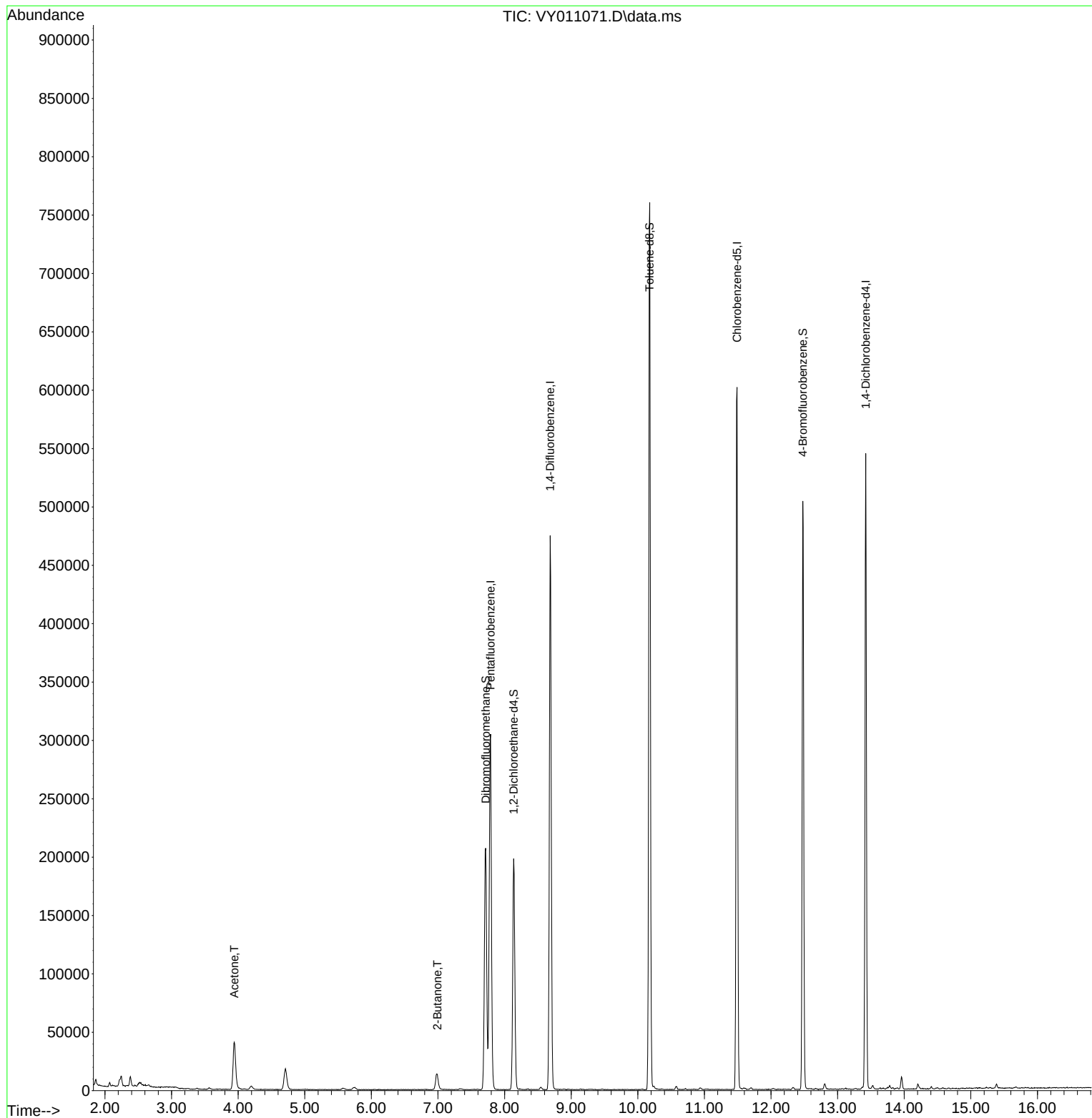
Internal Standards						
1) Pentafluorobenzene	7.789	168	243076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148271	66.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.440%
35) Dibromofluoromethane	7.716	113	151467	66.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.720%
50) Toluene-d8	10.179	98	514847	59.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.140%
62) 4-Bromofluorobenzene	12.477	95	156643	51.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.500%
Target Compounds						
16) Acetone	3.942	43	71201	109.502	ug/l #	84
25) 2-Butanone	6.990	43	23092	23.418	ug/l #	85

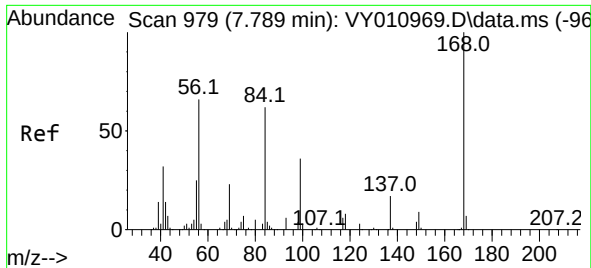
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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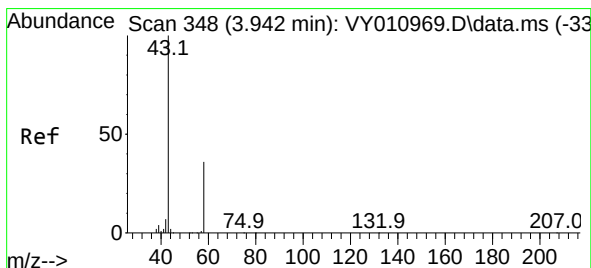
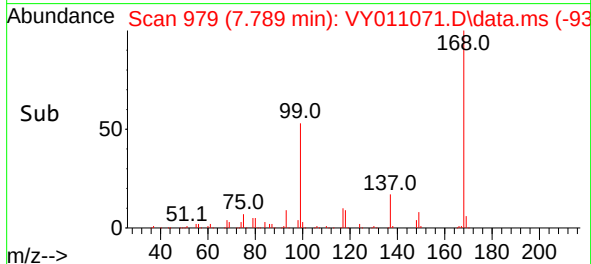
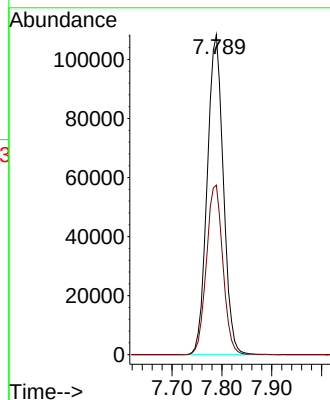
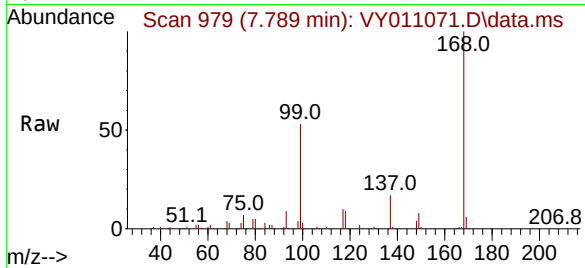




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

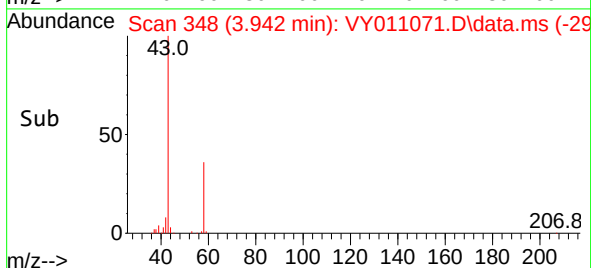
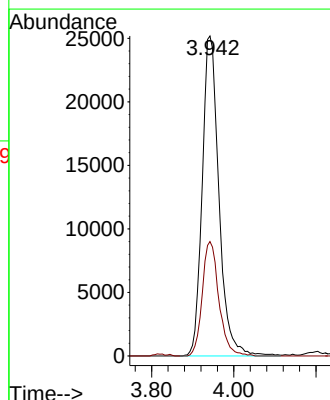
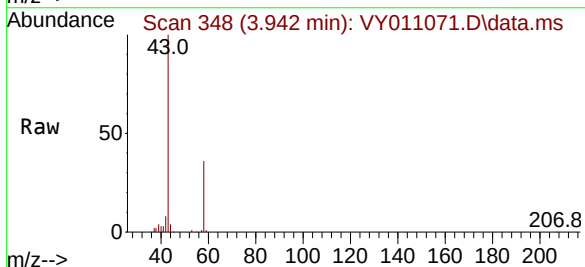
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

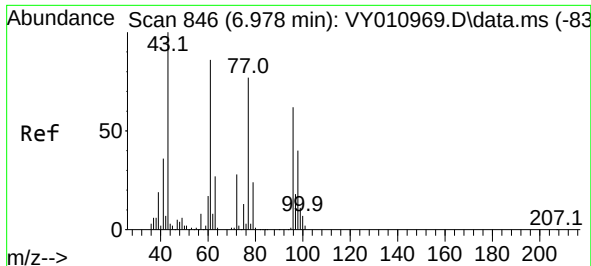
Tgt Ion:168 Resp: 243076
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#16
Acetone
Concen: 109.502 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 43 Resp: 71201
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#

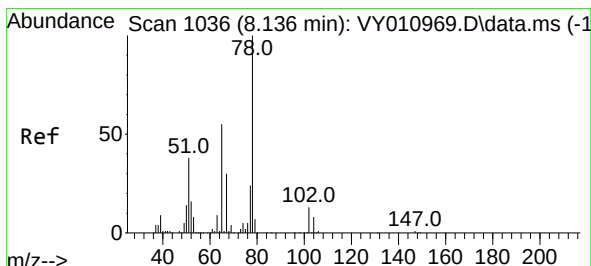
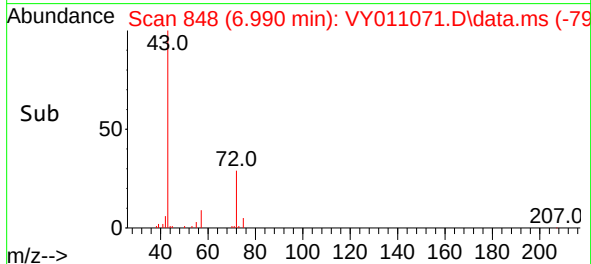
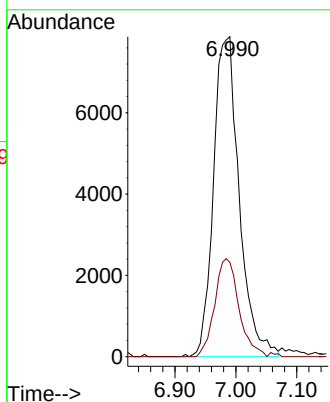
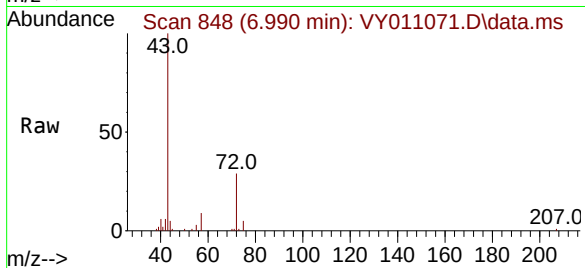




#25
2-Butanone
Concen: 23.418 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

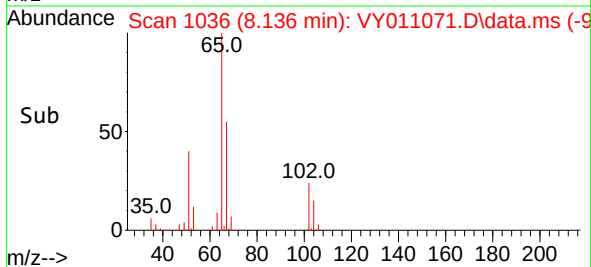
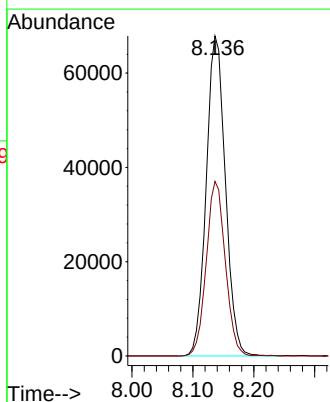
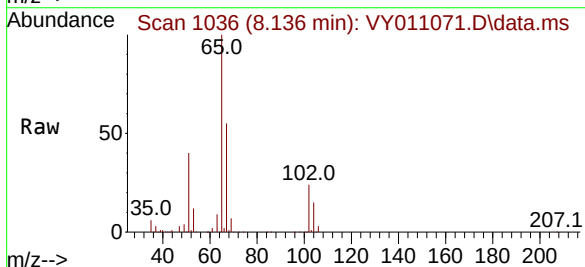
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

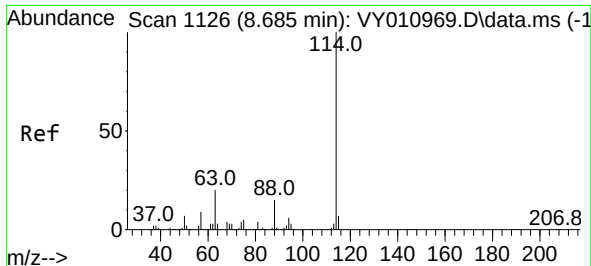
Tgt Ion: 43 Resp: 23092
Ion Ratio Lower Upper
43 100
72 29.5 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 66.219 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 65 Resp: 148271
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011071.D

Acq: 24 Oct 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-102122

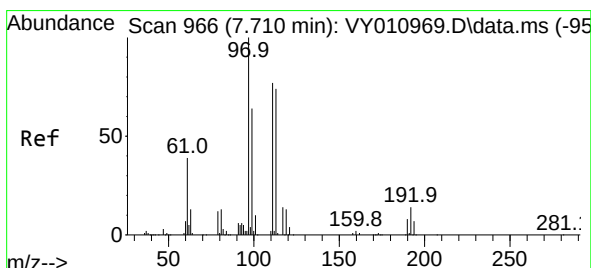
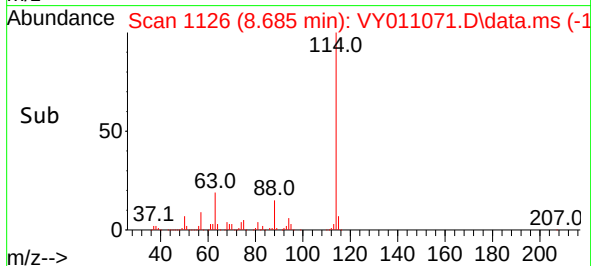
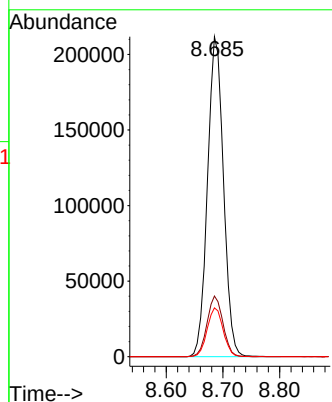
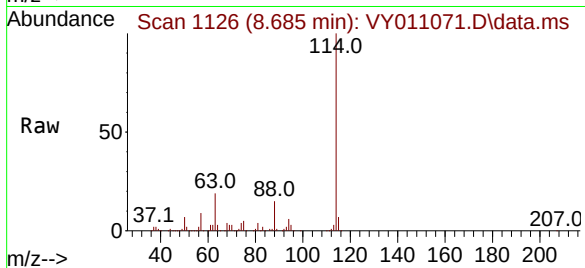
Tgt Ion:114 Resp: 413896

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 66.356 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011071.D

Acq: 24 Oct 2022 15:59

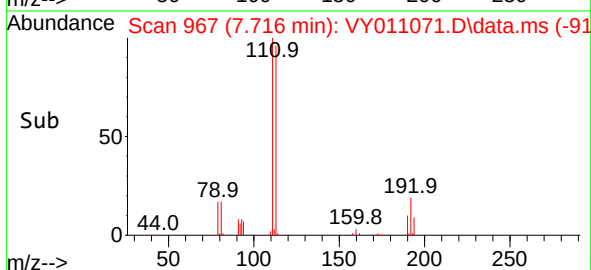
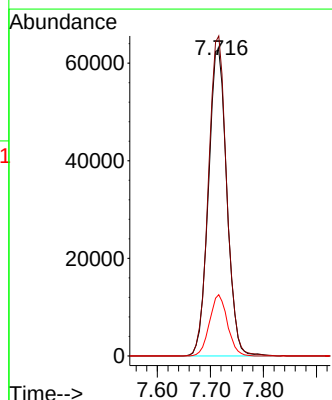
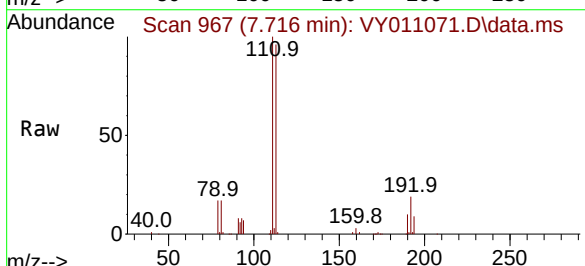
Tgt Ion:113 Resp: 151467

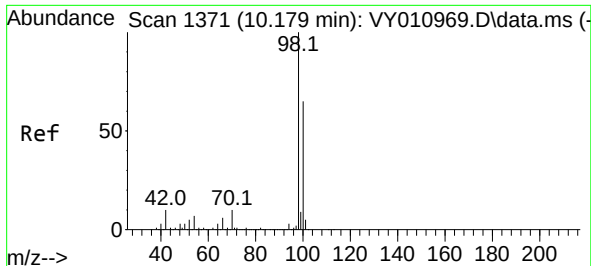
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.4 17.6 26.4

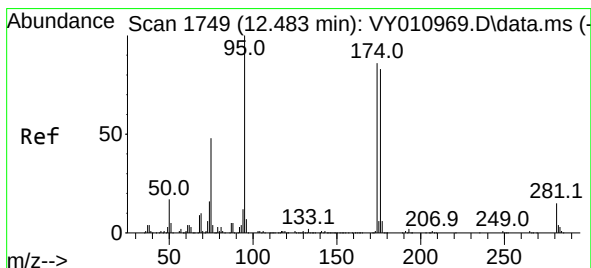
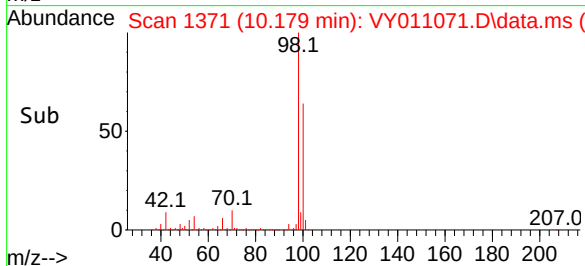
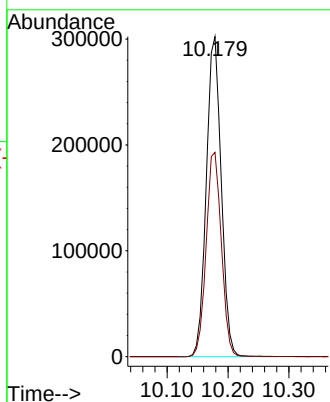
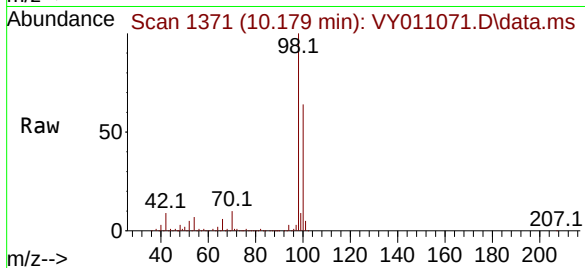




#50
Toluene-d8
Concen: 59.574 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

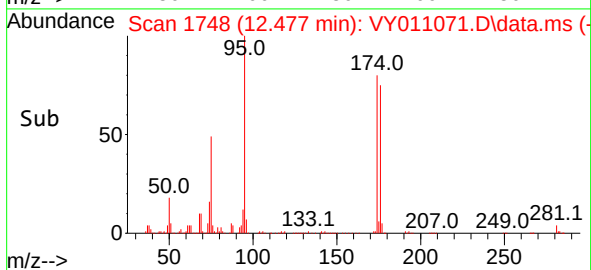
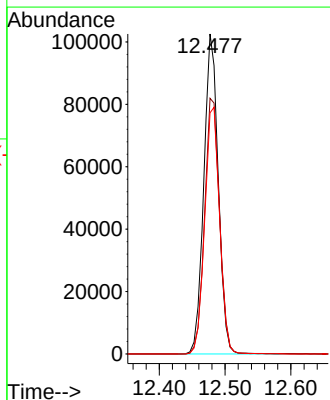
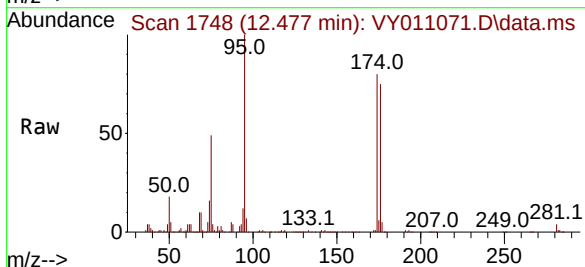
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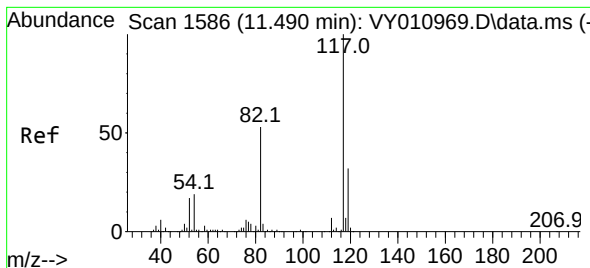
Tgt Ion: 98 Resp: 514847
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 95 Resp: 156643
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011071.D

Acq: 24 Oct 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-102122

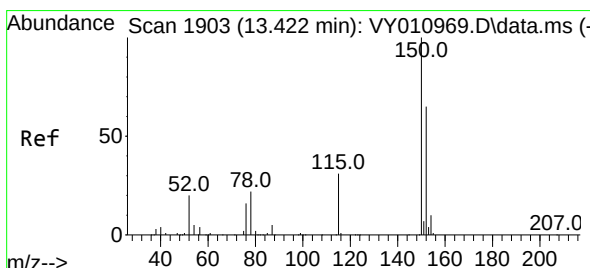
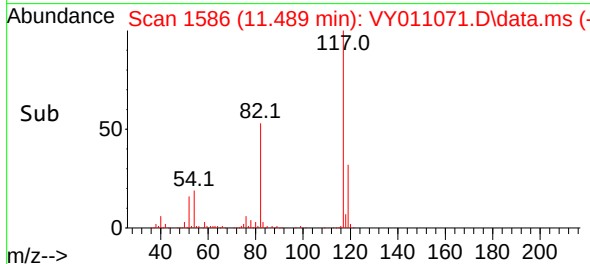
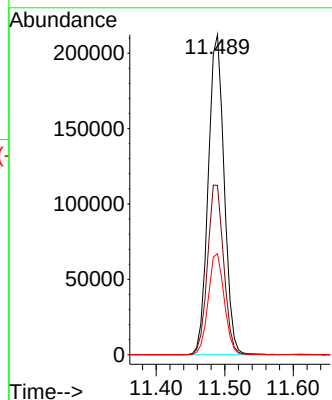
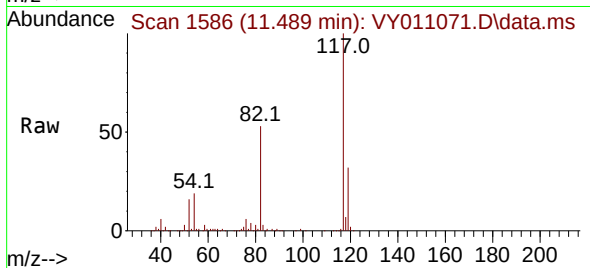
Tgt Ion:117 Resp: 342528

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011071.D

Acq: 24 Oct 2022 15:59

Tgt Ion:152 Resp: 140462

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 156.0 0.0 347.6

