

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013138.D
 Acq On : 29 Mar 2023 18:32
 Operator : KP/MD
 Sample : 02126-06
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-F

Quant Time: Mar 29 23:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

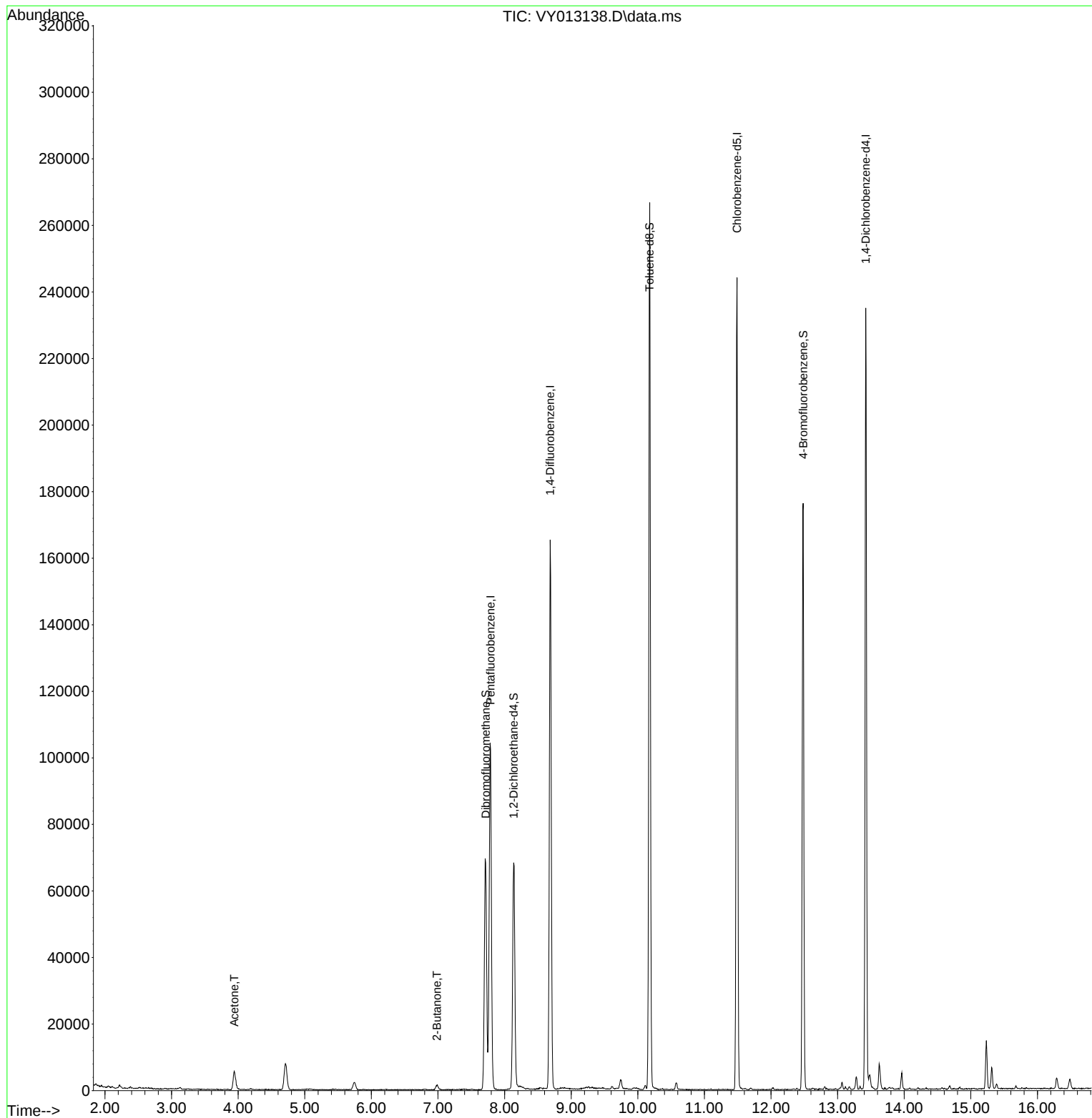
Internal Standards						
1) Pentafluorobenzene	7.789	168	80004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53251	67.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.080%	
35) Dibromofluoromethane	7.716	113	48662	58.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.680%	
50) Toluene-d8	10.179	98	169147	55.471	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.940%	
62) 4-Bromofluorobenzene	12.483	95	51584	50.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	9770	31.336	ug/l #	88
25) 2-Butanone	6.984	43	2614	6.769	ug/l	95

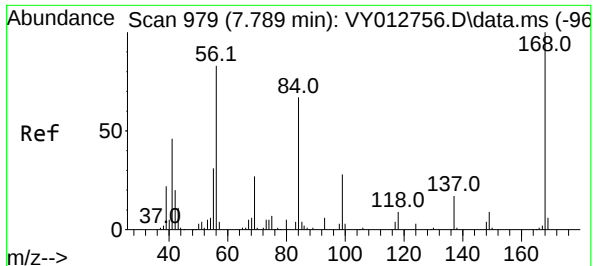
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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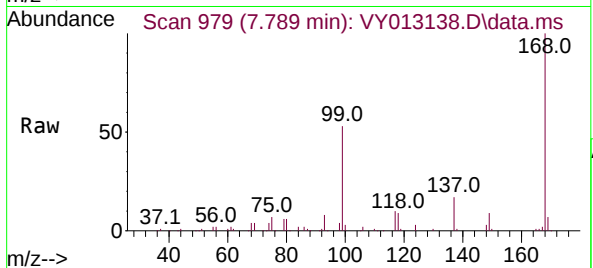
Quant Time: Mar 29 23:34:36 2023
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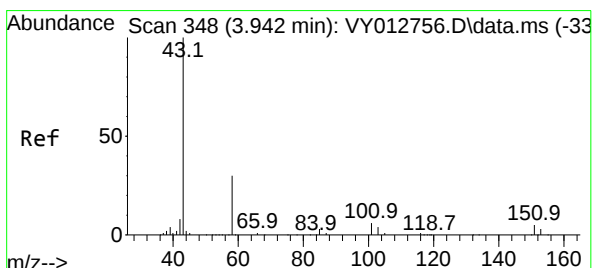
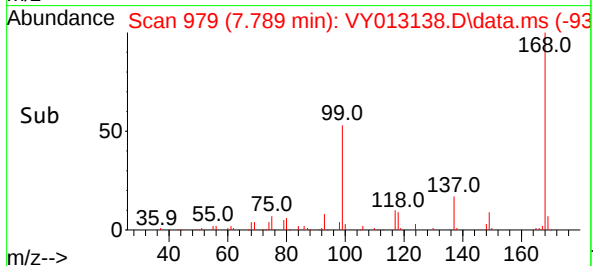
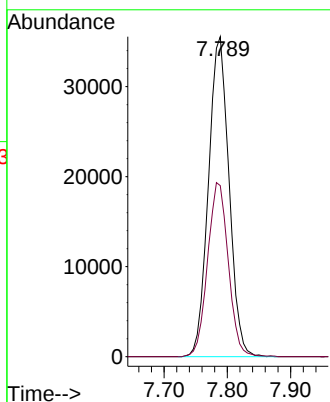


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
RS-F

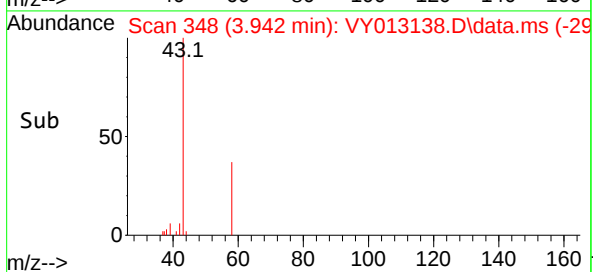
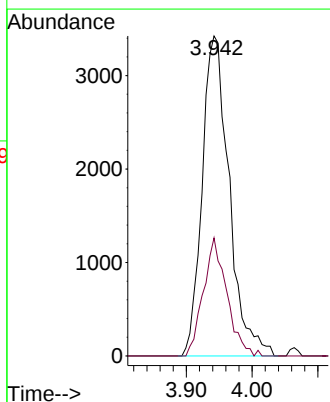
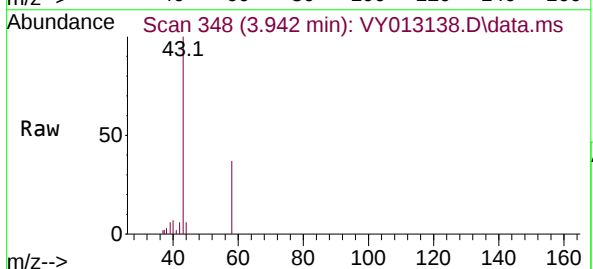


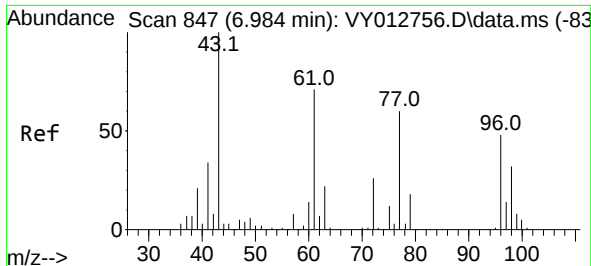
Tgt Ion:168 Resp: 80004
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#16
Acetone
Concen: 31.336 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013138.D
Acq: 29 Mar 2023 18:32

Tgt Ion: 43 Resp: 9770
Ion Ratio Lower Upper
43 100
58 36.9 24.2 36.2#





#25

2-Butanone

Concen: 6.769 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

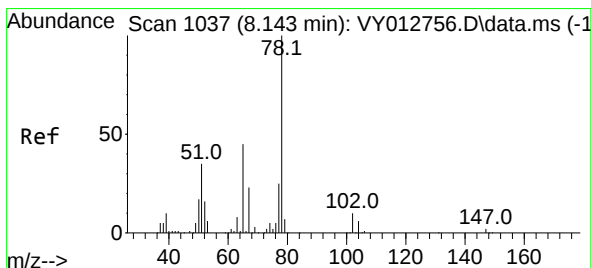
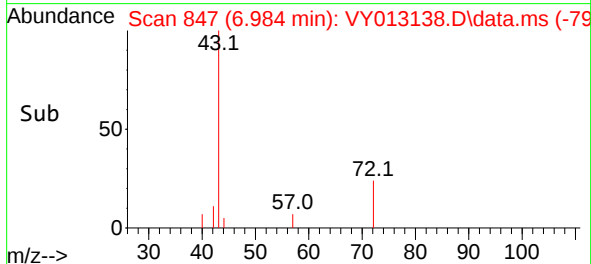
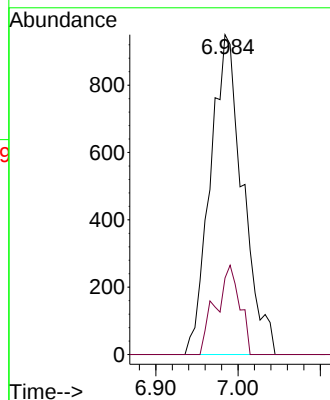
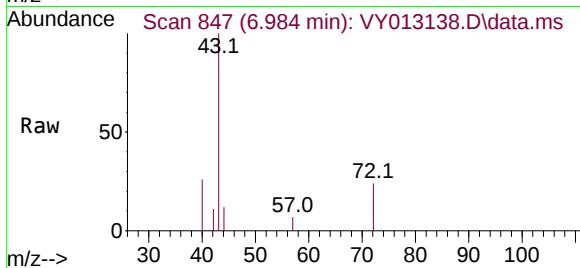
RS-F

Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

72 23.9 21.0 31.4



#33

1,2-Dichloroethane-d4

Concen: 67.038 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013138.D

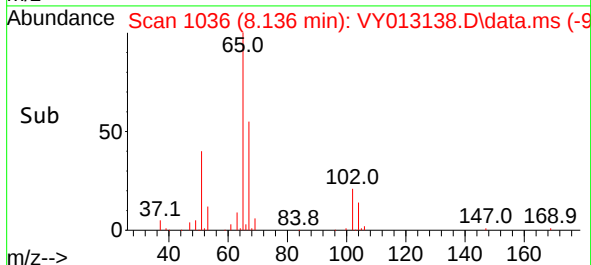
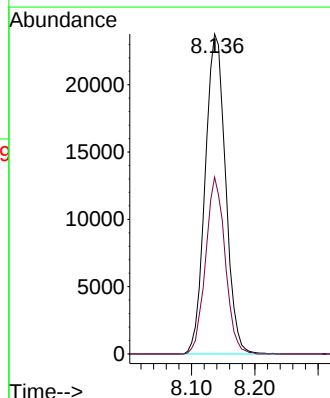
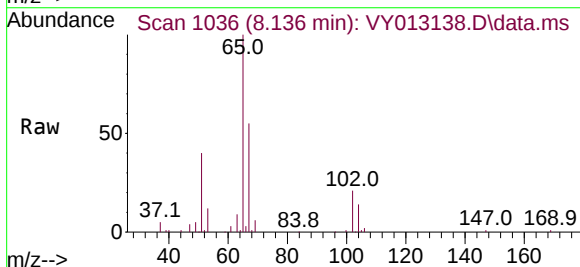
Acq: 29 Mar 2023 18:32

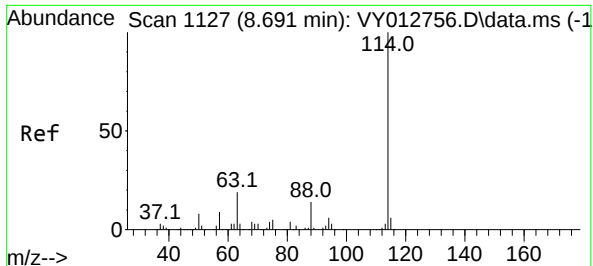
Tgt Ion: 65 Resp: 53251

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

RS-F

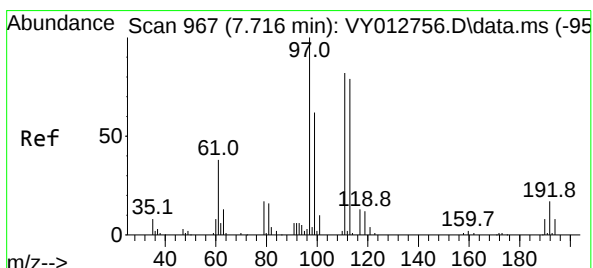
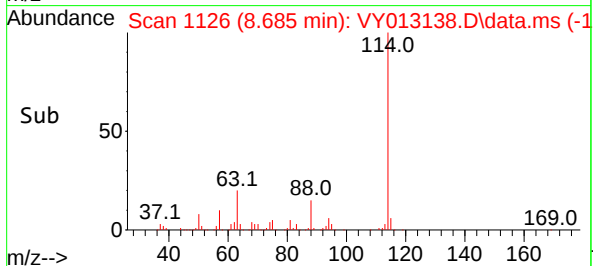
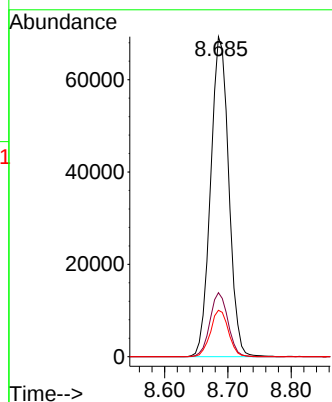
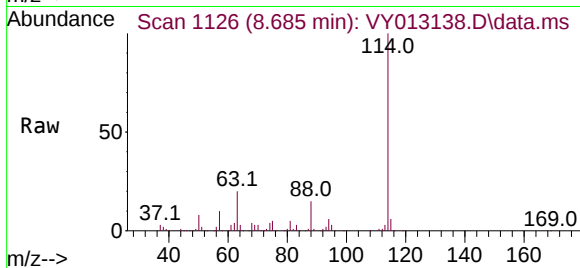
Tgt Ion:114 Resp: 138209

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.341 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

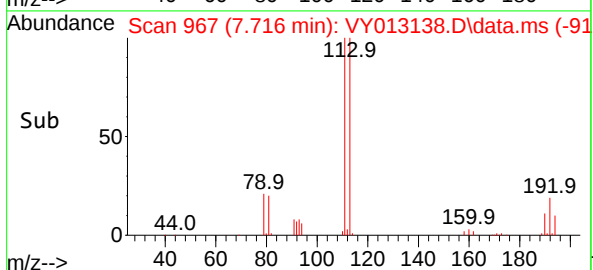
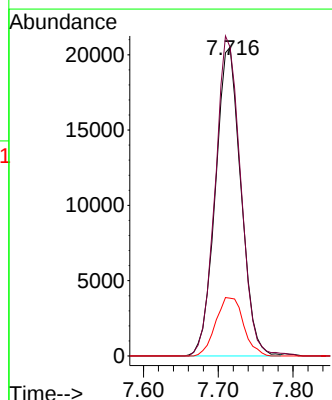
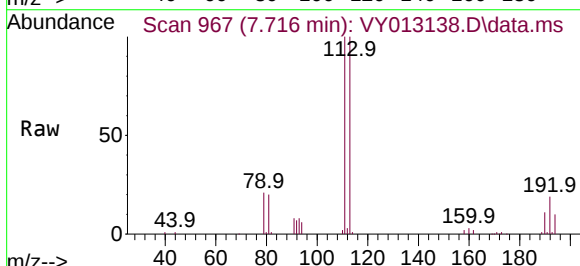
Tgt Ion:113 Resp: 48662

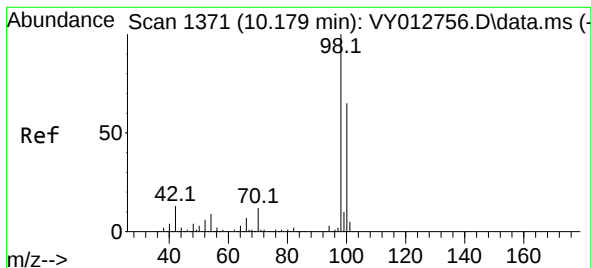
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.6 16.8 25.2





#50

Toluene-d8

Concen: 55.471 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

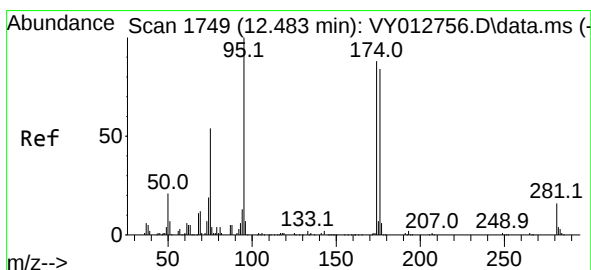
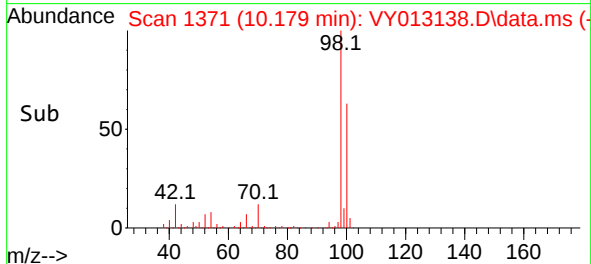
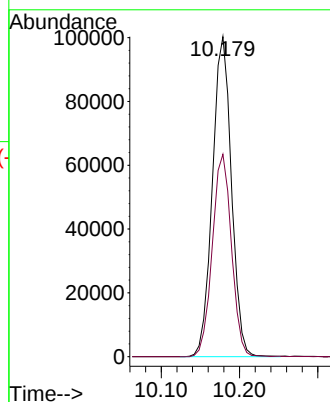
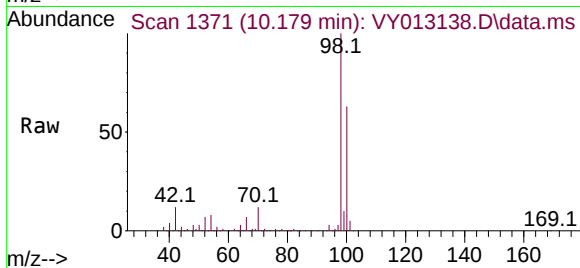
RS-F

Tgt Ion: 98 Resp: 169147

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 50.120 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

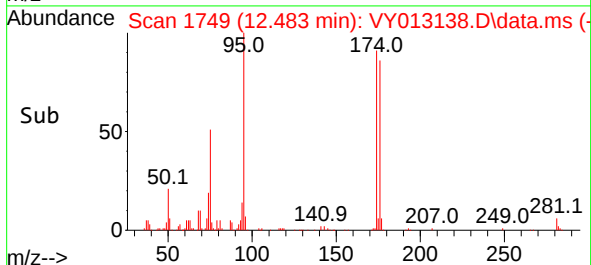
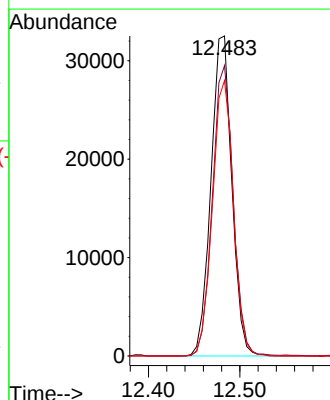
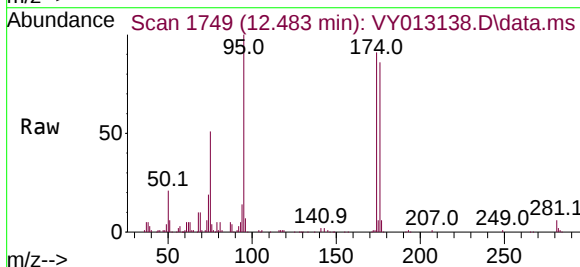
Tgt Ion: 95 Resp: 51584

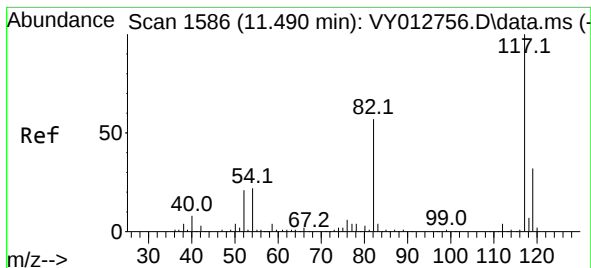
Ion Ratio Lower Upper

95 100

174 90.3 0.0 176.6

176 86.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

RS-F

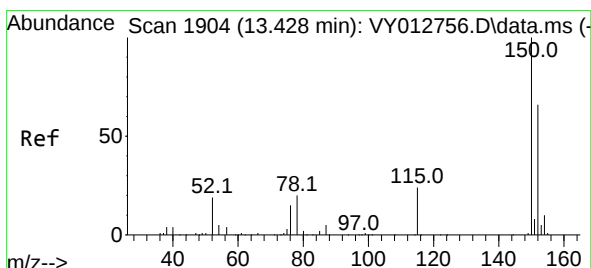
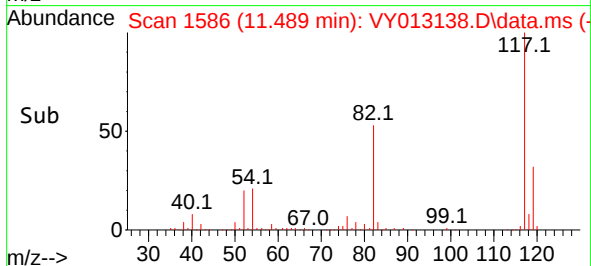
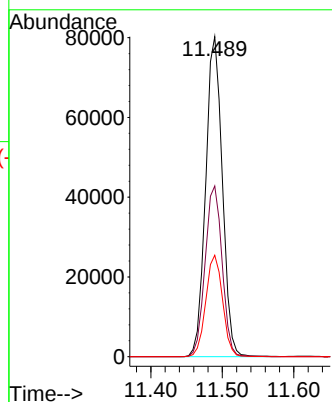
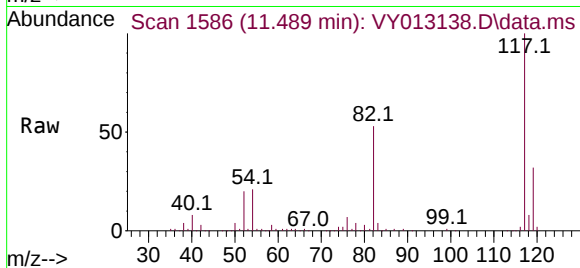
Tgt Ion:117 Resp: 129810

Ion Ratio Lower Upper

117 100

82 53.4 45.4 68.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013138.D

Acq: 29 Mar 2023 18:32

Tgt Ion:152 Resp: 60244

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 155.5 0.0 347.8

