

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013094.D
 Acq On : 27 Mar 2023 16:07
 Operator : KP/MD
 Sample : 02107-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC01

Quant Time: Mar 28 01:45:03 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)

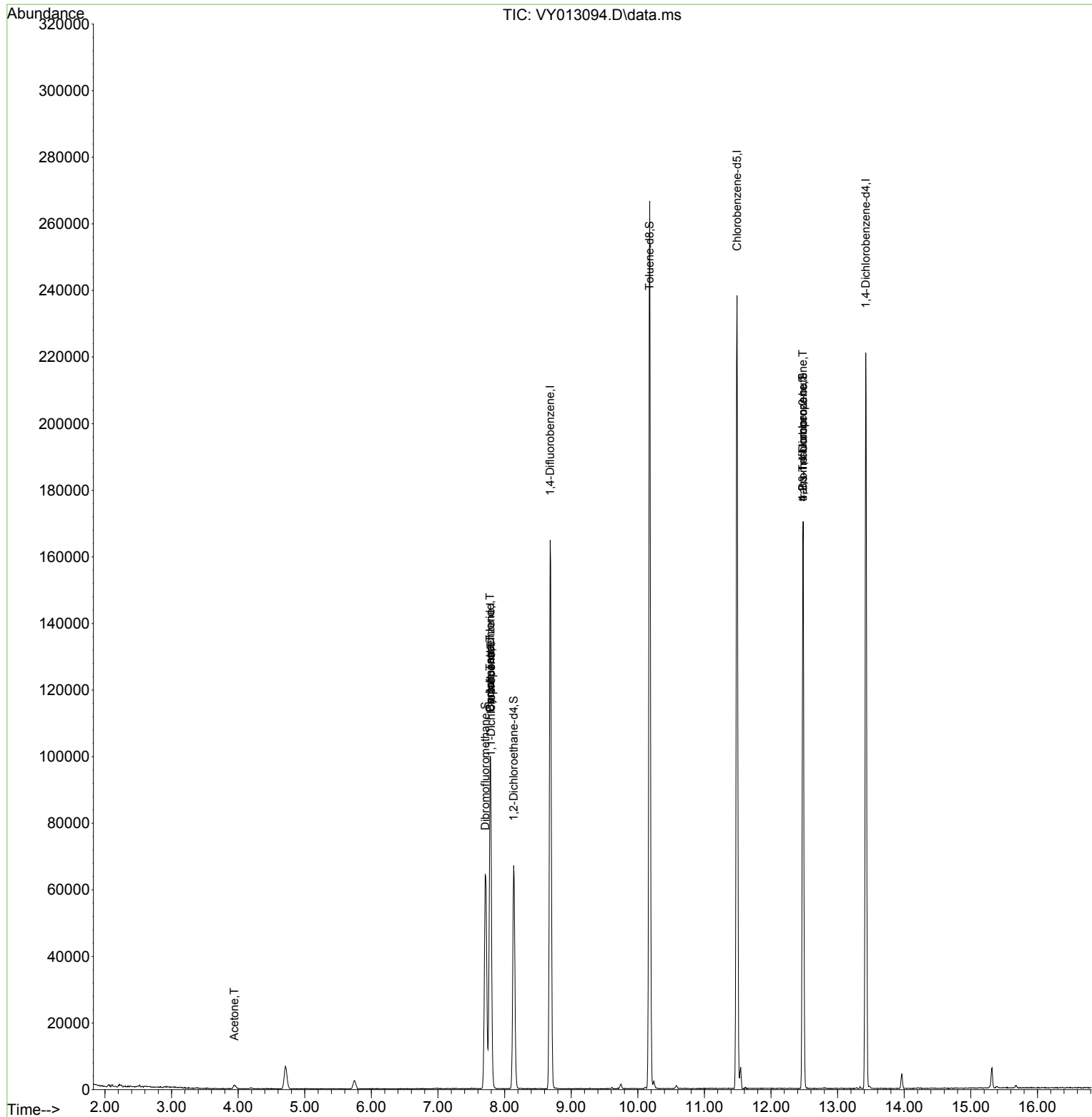
Internal Standards						
1) Pentafluorobenzene	7.789	168	78264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50566	65.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.140%	
35) Dibromofluoromethane	7.710	113	46745	56.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.280%	
50) Toluene-d8	10.179	98	166991	55.352	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.477	95	50211	49.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.620%	
Target Compounds						Qvalue
16) Acetone	3.942	43	2070	6.787	ug/l	95
20) Methylene Chloride	4.710	84	4780	Below Cal		97
31) Cyclohexane	7.783	56	1885	1.267	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	6139	4.439	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7732	5.414	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	26308	38.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26308	79.680	ug/l #	13

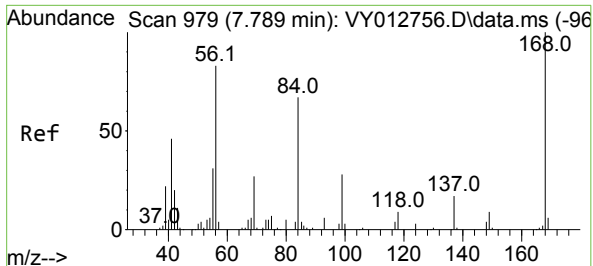
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
Data File : VY013094.D
Acq On : 27 Mar 2023 16:07
Operator : KP/MD
Sample : 02107-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC01

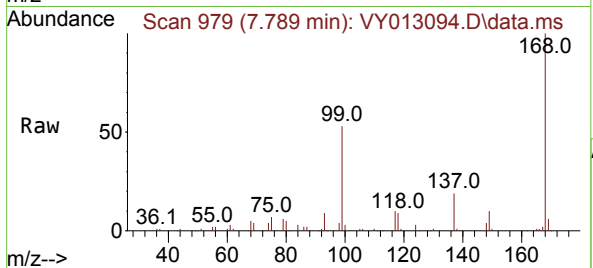
Quant Time: Mar 28 01:45:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



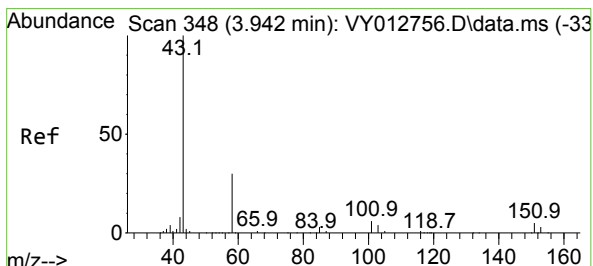
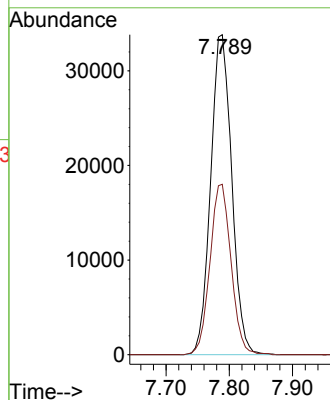
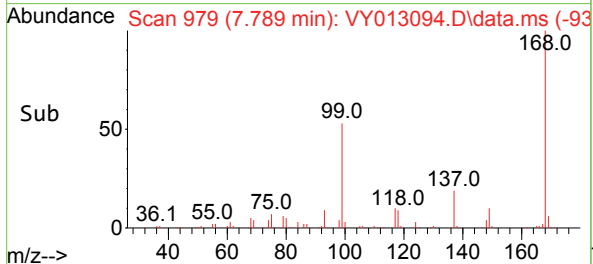


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
WC01

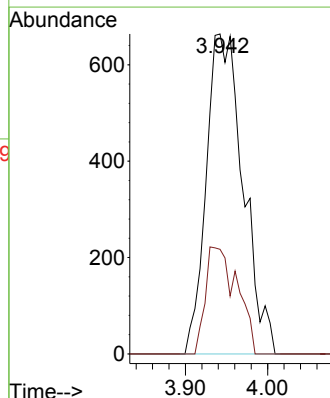
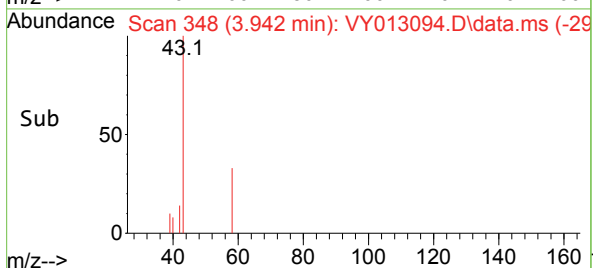
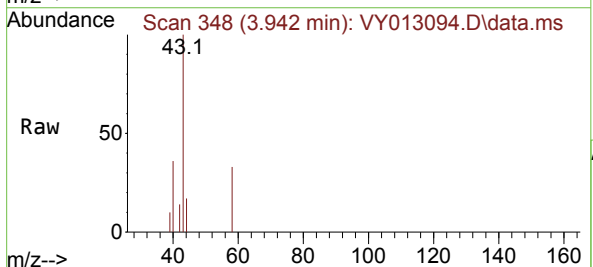


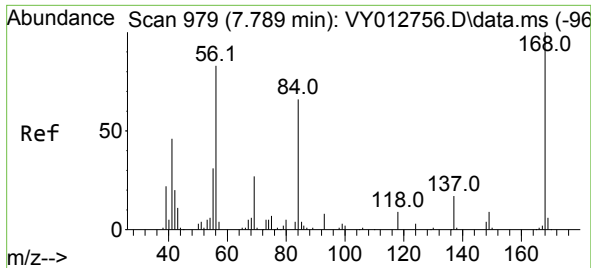
Tgt Ion:168 Resp: 78264
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#16
Acetone
Concen: 6.787 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 32.7 24.2 36.2

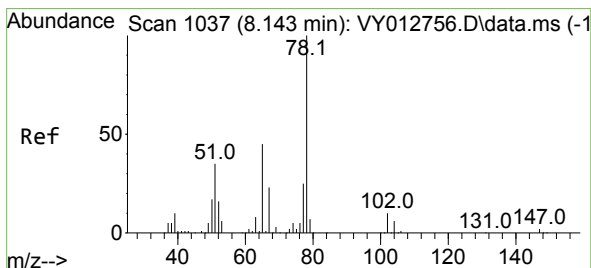
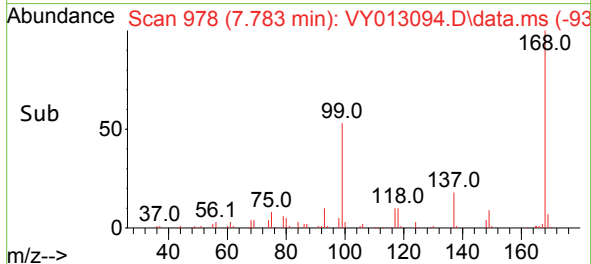
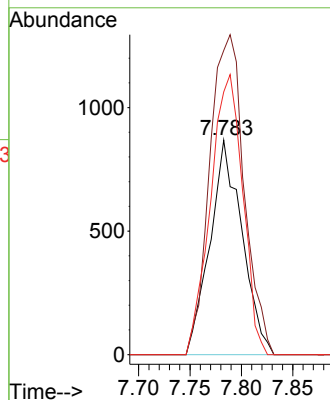
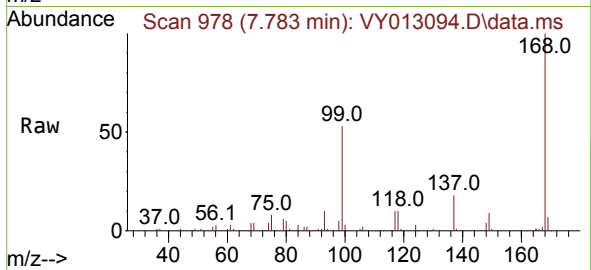




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

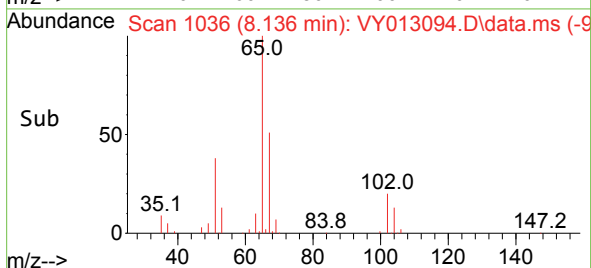
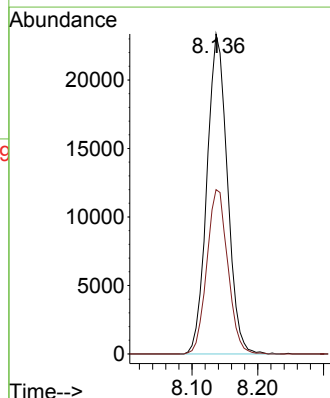
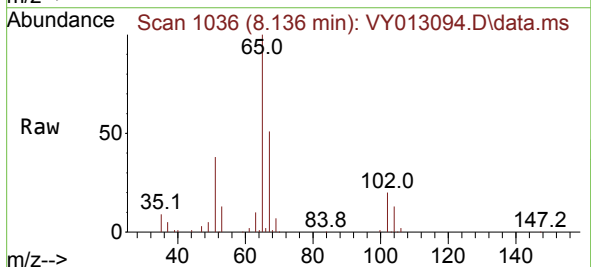
Instrument :
MSVOA_Y
ClientSampleId :
WC01

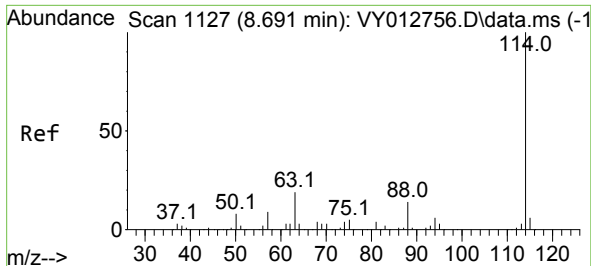
Tgt Ion: 56 Resp: 1885
Ion Ratio Lower Upper
56 100
69 141.8 25.7 38.5#
84 122.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.073 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Tgt Ion: 65 Resp: 50566
Ion Ratio Lower Upper
65 100
67 52.7 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: VY013094.D

Acq: 27 Mar 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

WC01

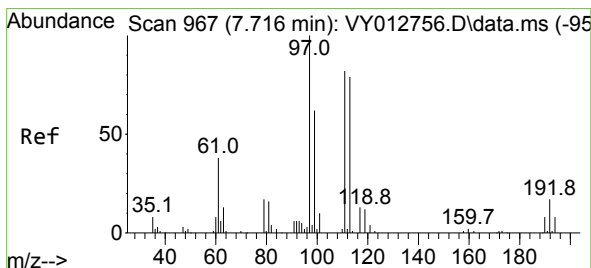
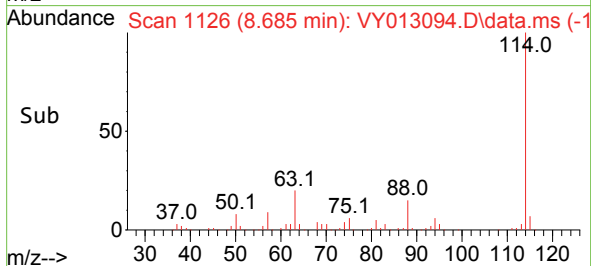
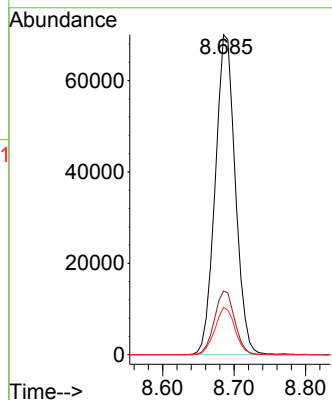
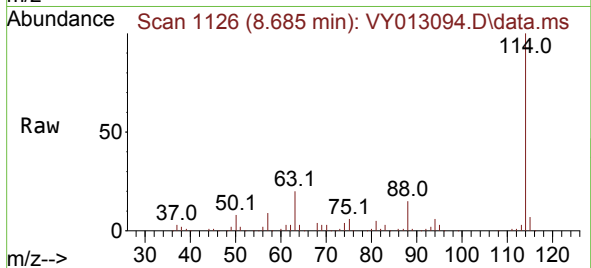
Tgt Ion:114 Resp: 136741

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.645 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

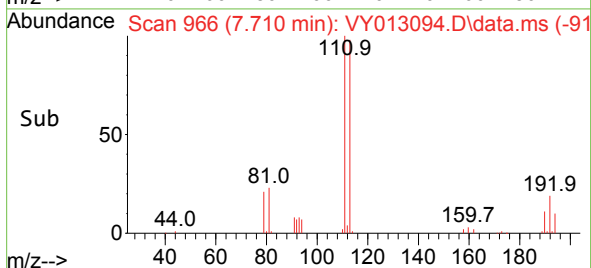
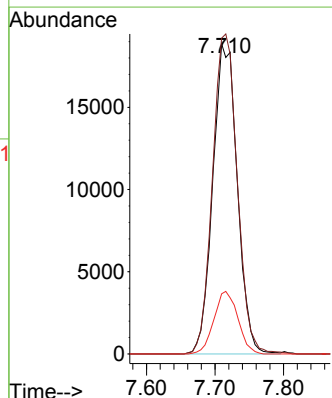
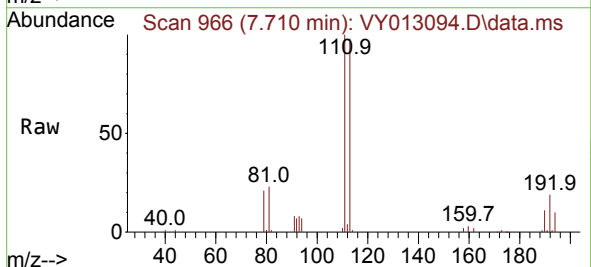
Tgt Ion:113 Resp: 46745

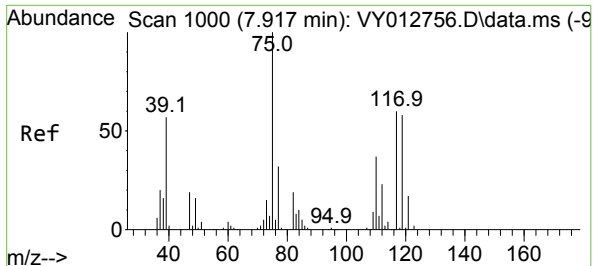
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 19.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.439 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

WC01

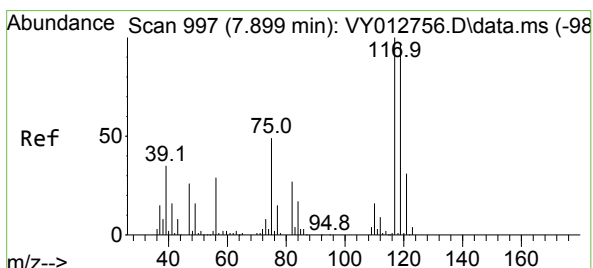
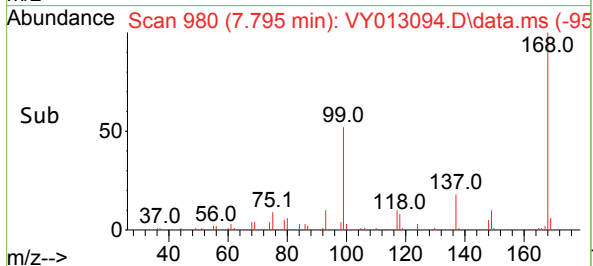
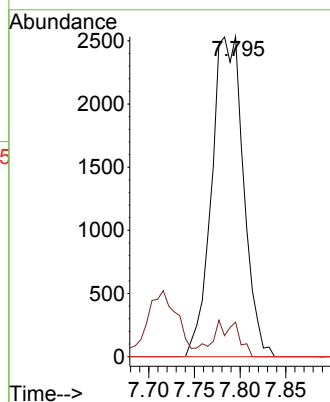
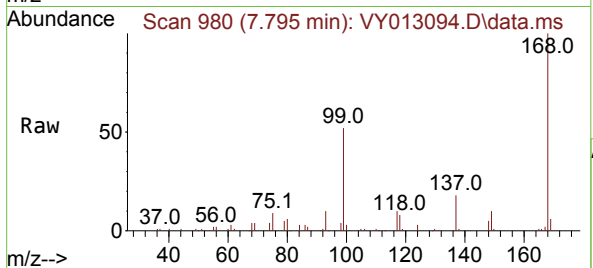
Tgt Ion: 75 Resp: 6139

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

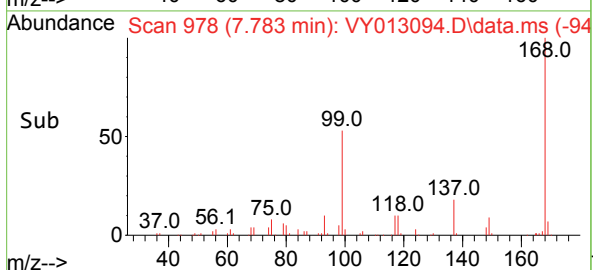
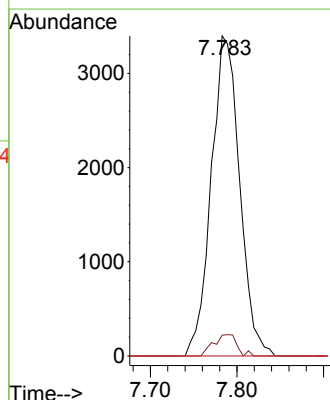
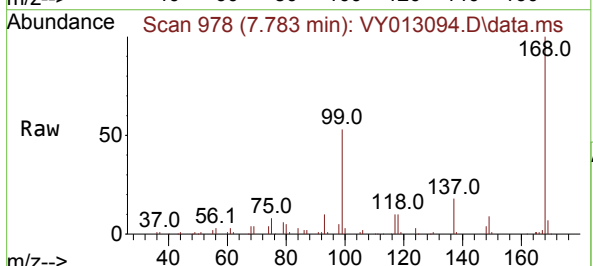
Tgt Ion: 117 Resp: 7732

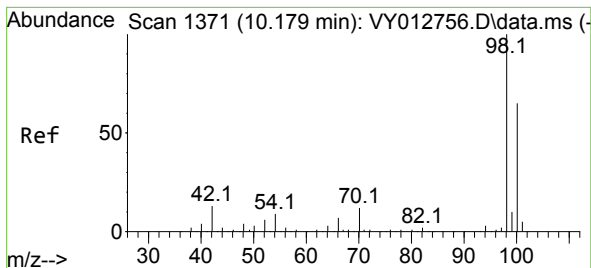
Ion Ratio Lower Upper

117 100

119 6.5 77.2 115.8#

121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 55.352 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

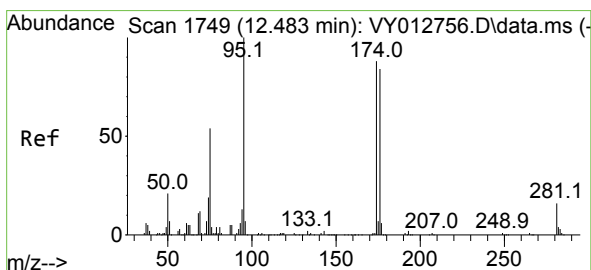
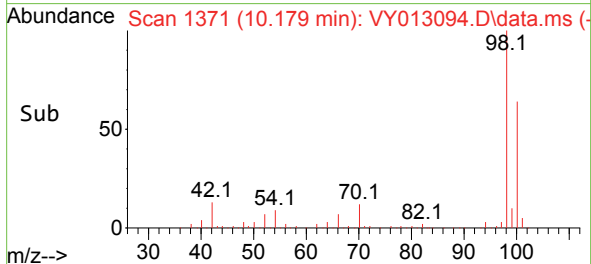
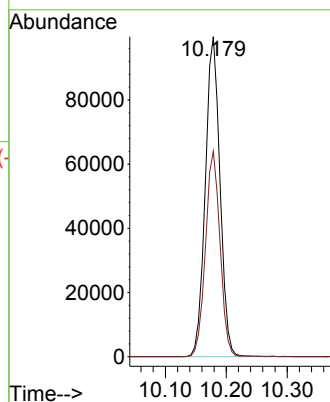
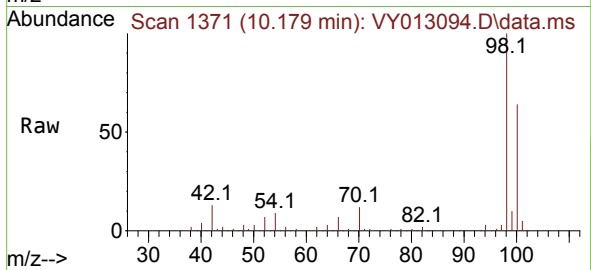
WC01

Tgt Ion: 98 Resp: 166991

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.310 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

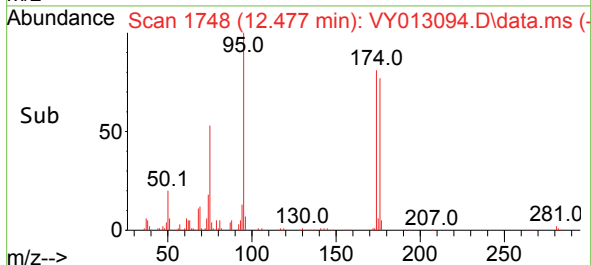
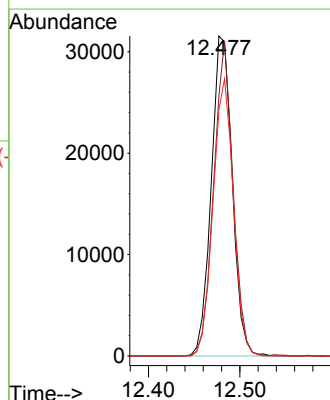
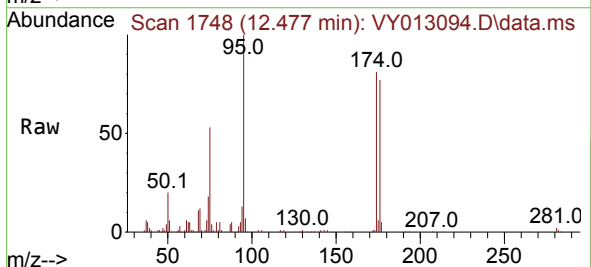
Tgt Ion: 95 Resp: 50211

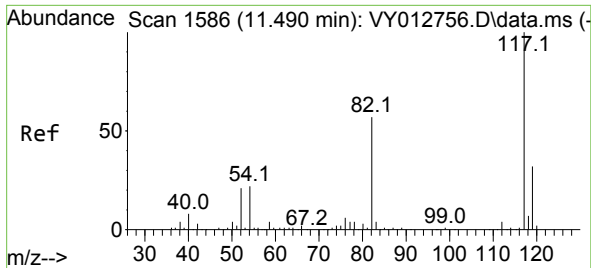
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 84.4 0.0 170.2

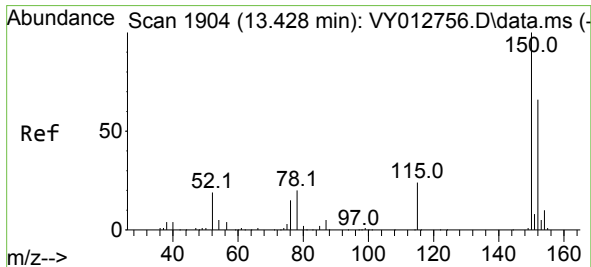
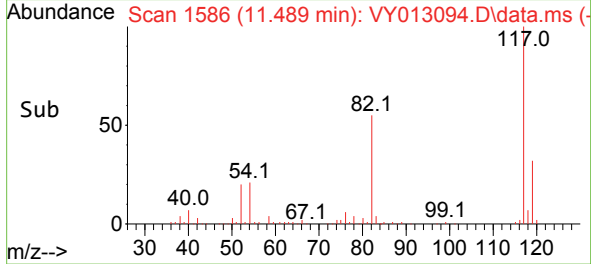
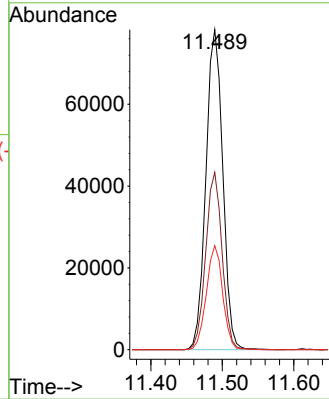
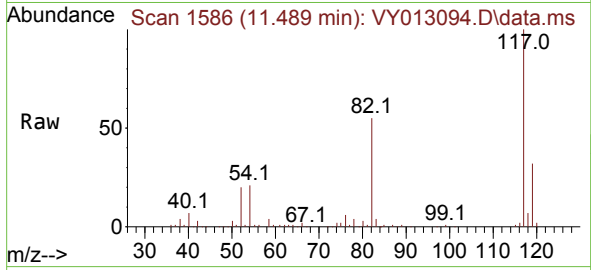




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

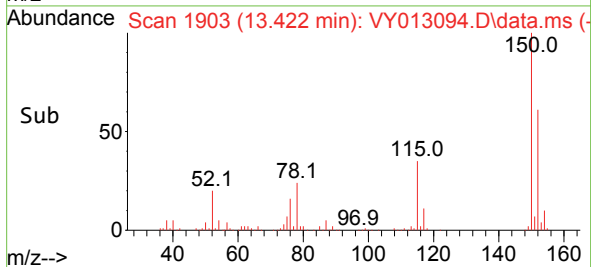
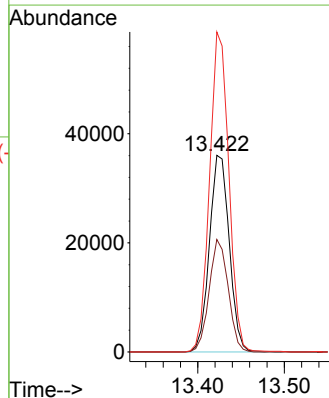
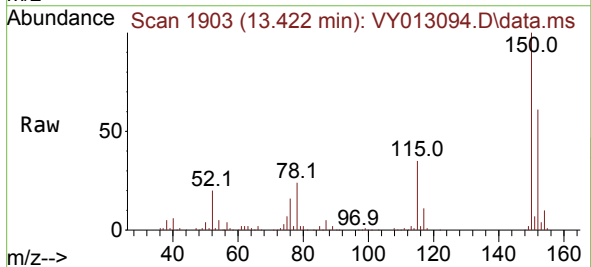
Instrument :
MSVOA_Y
ClientSampleId :
WC01

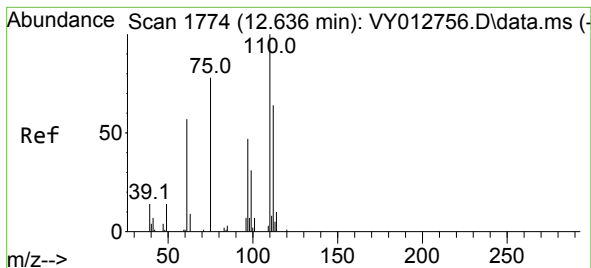
Tgt Ion:117 Resp: 127941
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Tgt Ion:152 Resp: 57289
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 158.3 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 38.455 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

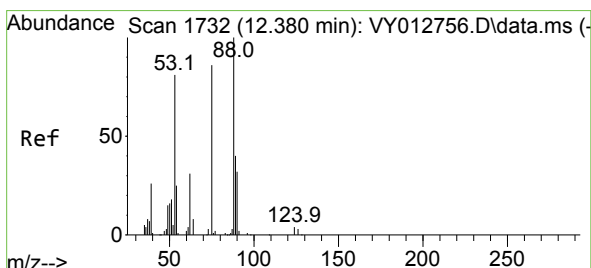
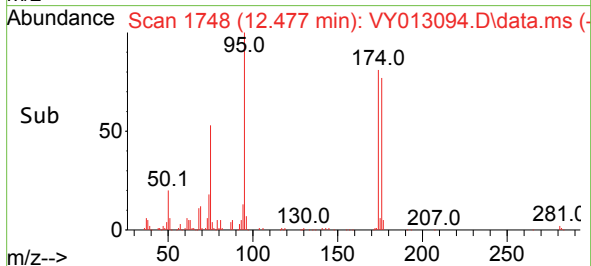
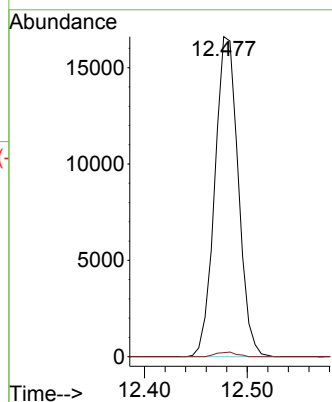
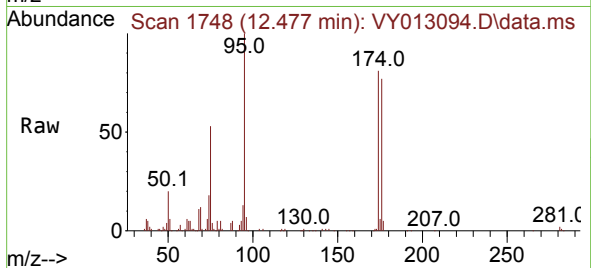
WC01

Tgt Ion: 75 Resp: 26308

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.680 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

Tgt Ion: 75 Resp: 26308

Ion Ratio Lower Upper

75 100

53 0.1 73.4 110.0#

89 0.0 36.6 55.0#

