

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013253.D
 Acq On : 11 Apr 2023 19:20
 Operator : KP/MD
 Sample : 02270-03
 Misc : 3.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-14-16-20230410

Quant Time: Apr 12 01:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

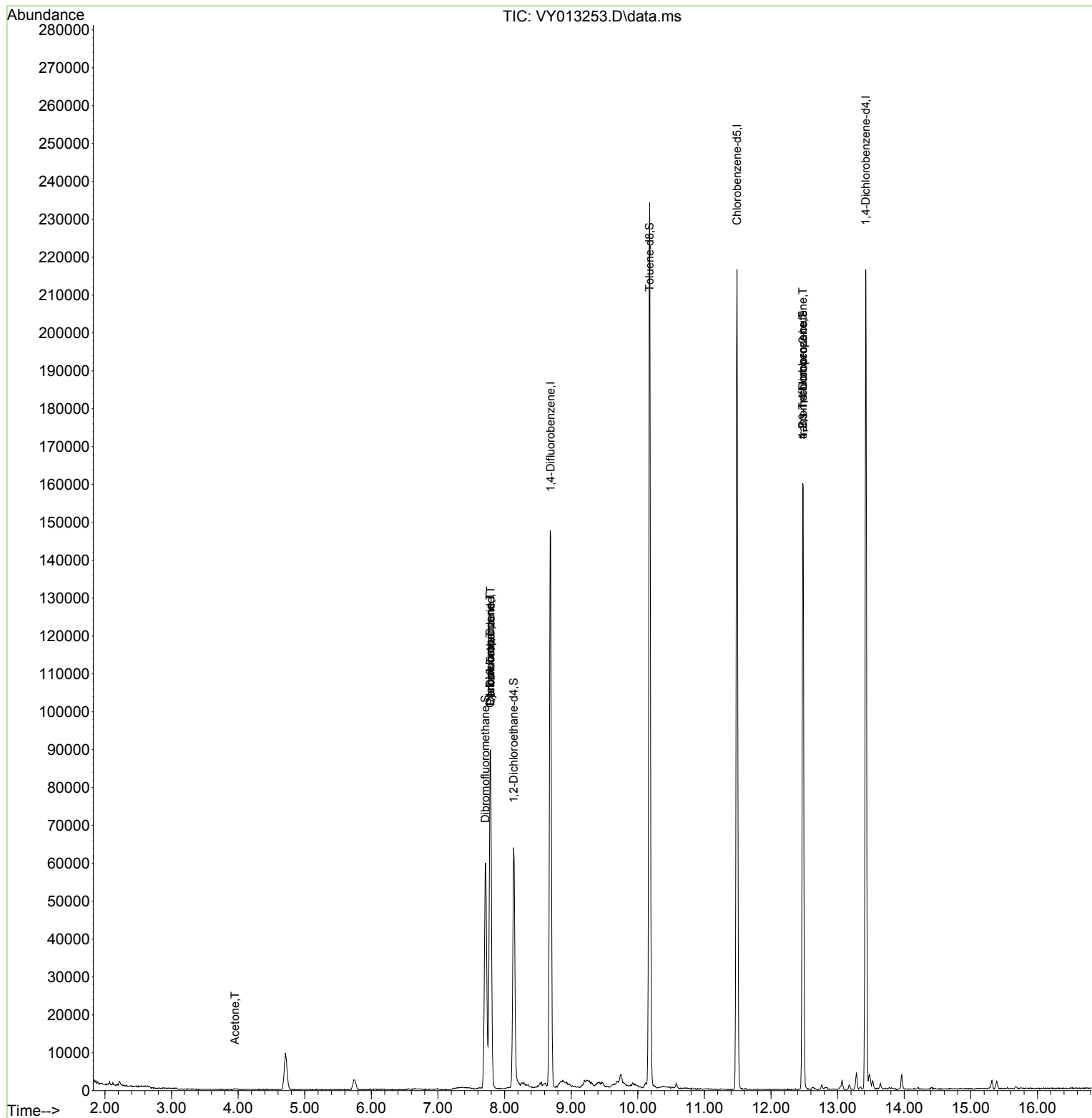
Internal Standards						
1) Pentafluorobenzene	7.789	168	68330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	111054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48754	63.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.900%	
35) Dibromofluoromethane	7.710	113	41788	58.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.500%	
50) Toluene-d8	10.179	98	147656	58.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.580%	
62) 4-Bromofluorobenzene	12.477	95	46553	51.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	443	Below Cal	#	86
16) Acetone	3.954	43	633	2.024	ug/l #	44
20) Methylene Chloride	4.710	84	6324	Below Cal		94
31) Cyclohexane	7.783	56	1780	1.822	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	5458	5.532	ug/l #	48
38) Carbon Tetrachloride	7.789	117	6993	6.087	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	25347	40.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25347	83.137	ug/l #	13

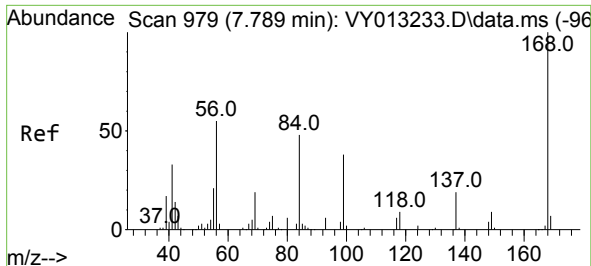
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-17-14-16-20230410

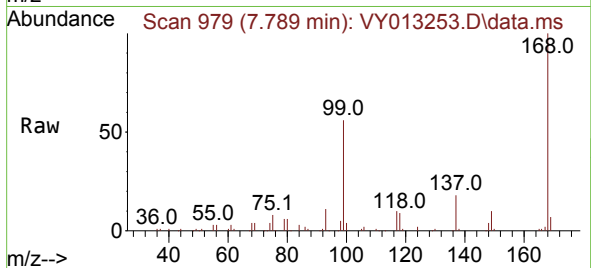
Quant Time: Apr 12 01:38:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
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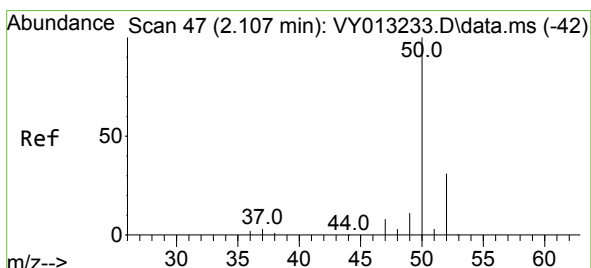
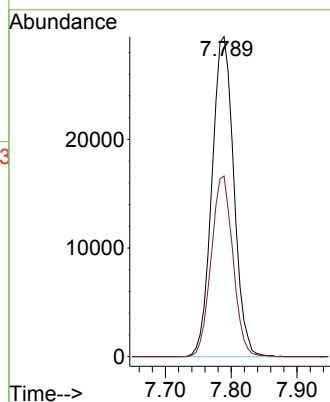
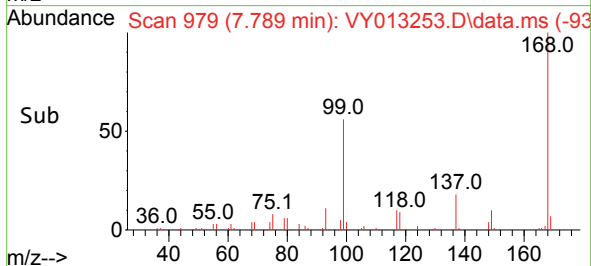


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-14-16-20230410

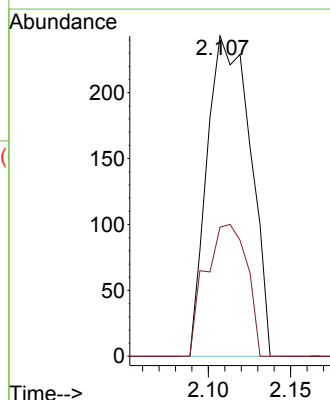
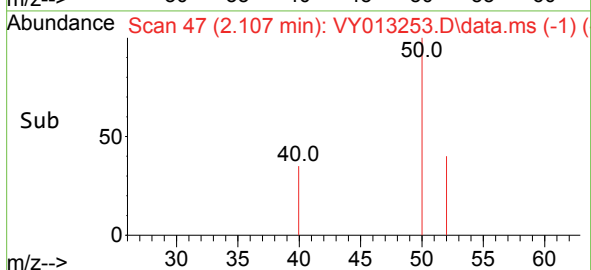
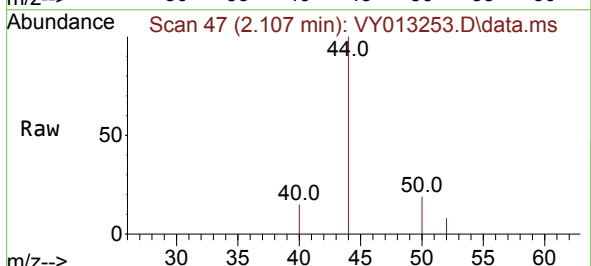


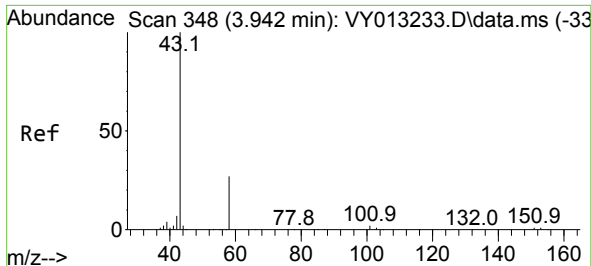
Tgt Ion:168 Resp: 68330
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 40.3 26.0 39.0#





#16

Acetone

Concen: 2.024 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

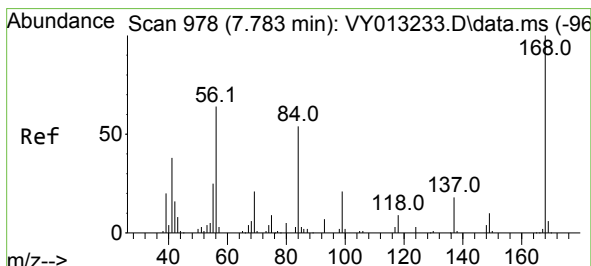
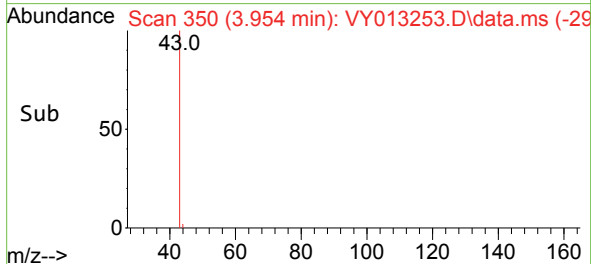
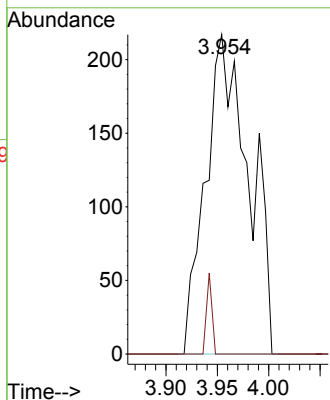
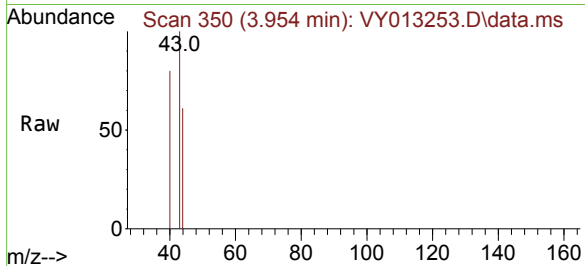
SB-17-14-16-20230410

Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#31

Cyclohexane

Concen: 1.822 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

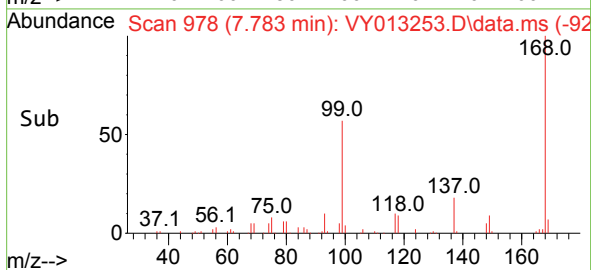
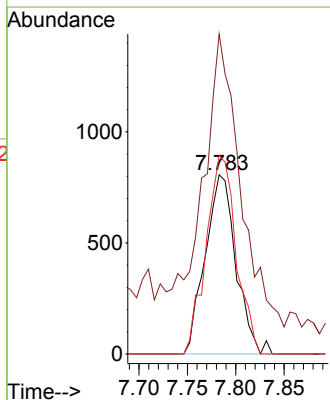
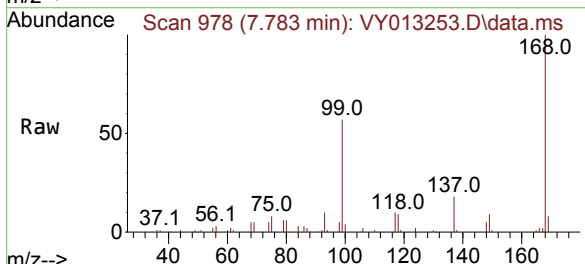
Tgt Ion: 56 Resp: 1780

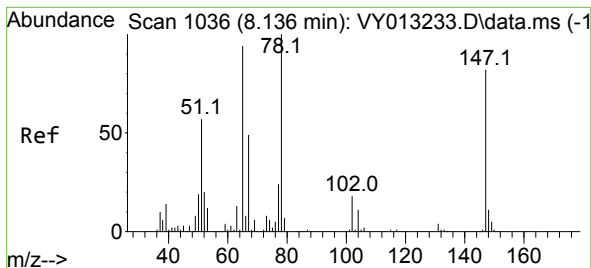
Ion Ratio Lower Upper

56 100

69 155.5 25.7 38.5#

84 110.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 63.449 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

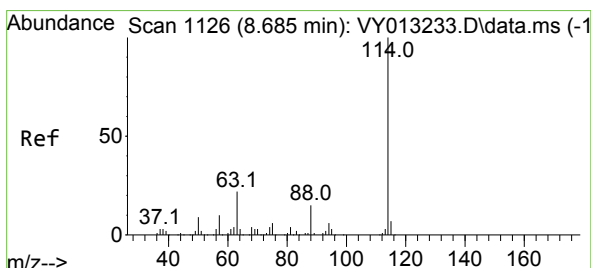
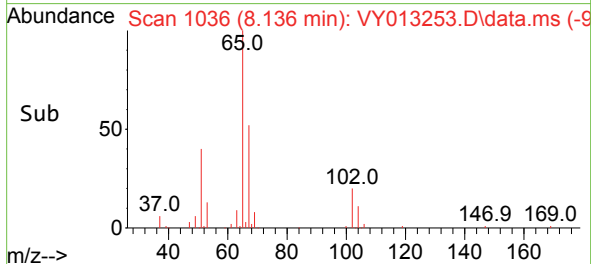
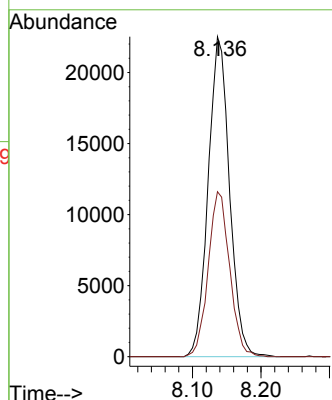
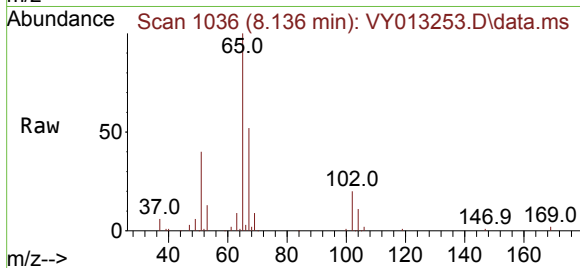
SB-17-14-16-20230410

Tgt Ion: 65 Resp: 48754

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

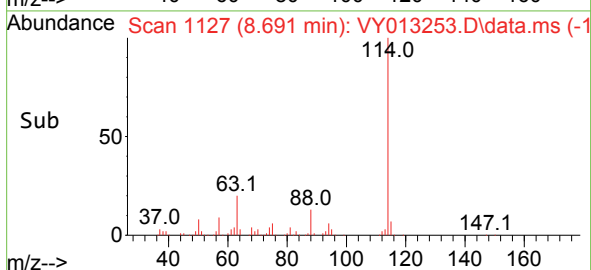
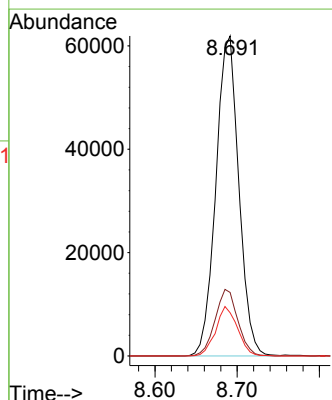
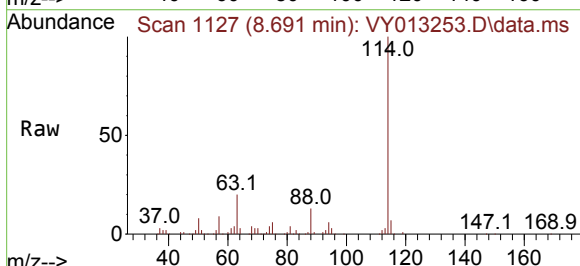
Tgt Ion: 114 Resp: 120020

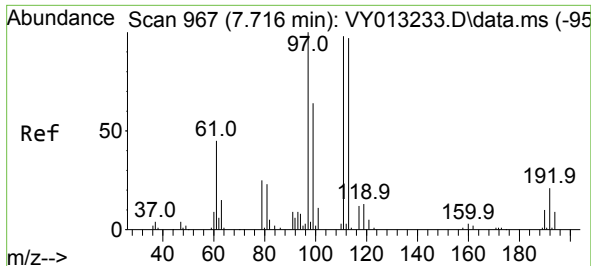
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 13.5 0.0 28.6

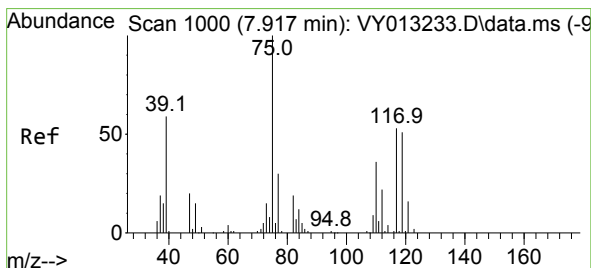
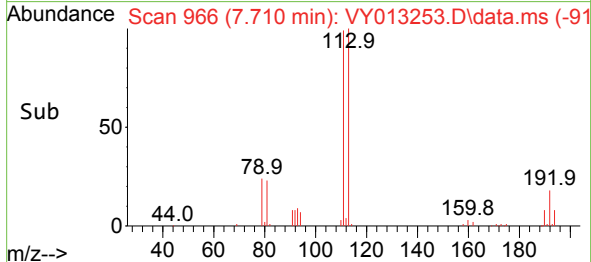
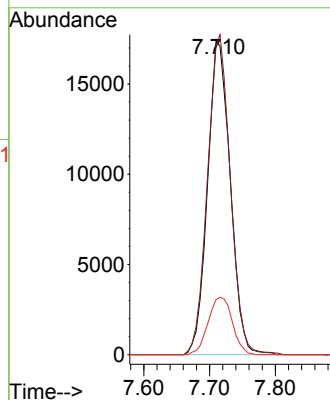
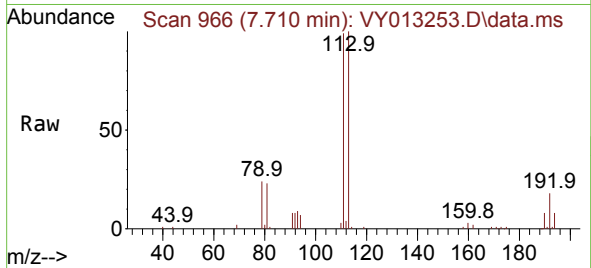




#35
Dibromofluoromethane
Concen: 58.247 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

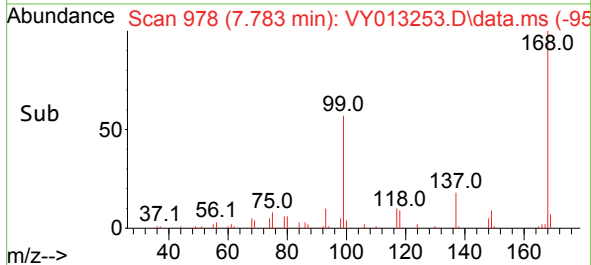
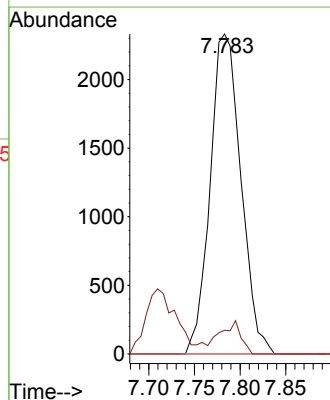
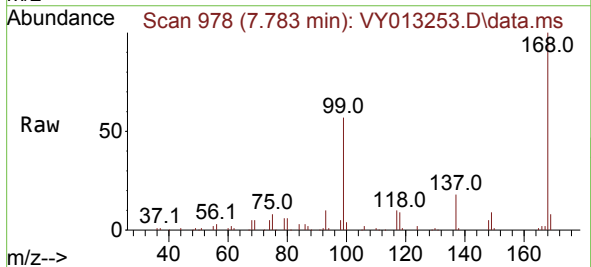
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-14-16-20230410

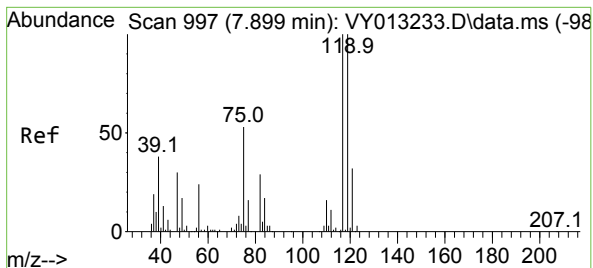
Tgt Ion:113 Resp: 41788
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.532 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Tgt Ion: 75 Resp: 5458
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.087 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY013253.D

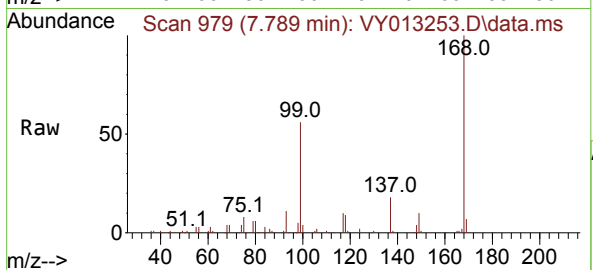
Acq: 11 Apr 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-14-16-20230410



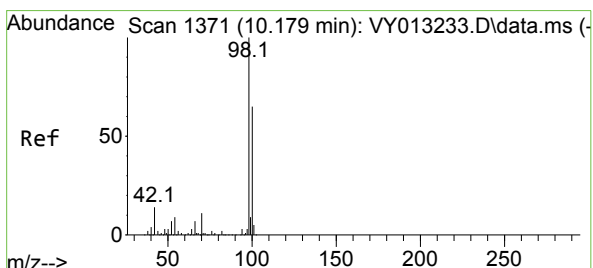
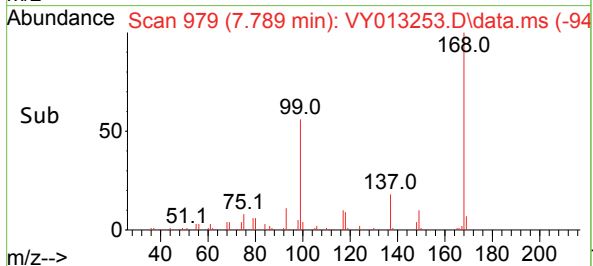
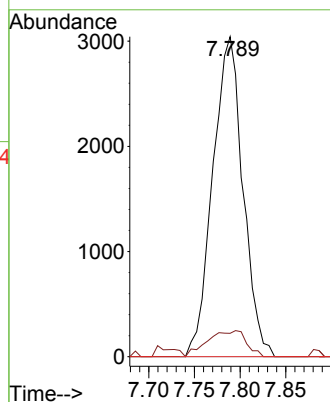
Tgt Ion:117 Resp: 6993

Ion Ratio Lower Upper

117 100

119 7.3 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 58.785 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013253.D

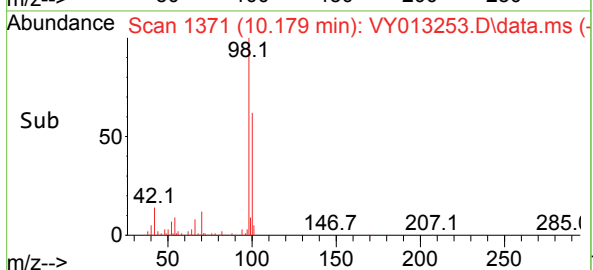
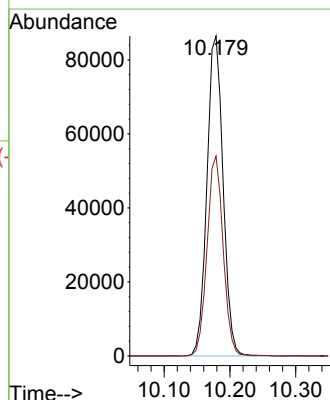
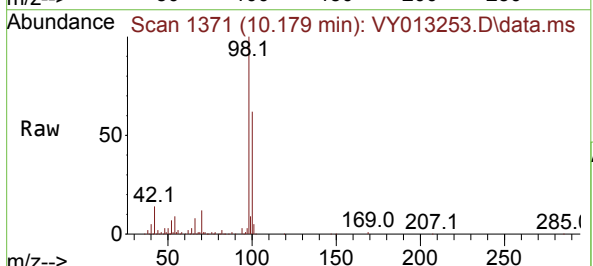
Acq: 11 Apr 2023 19:20

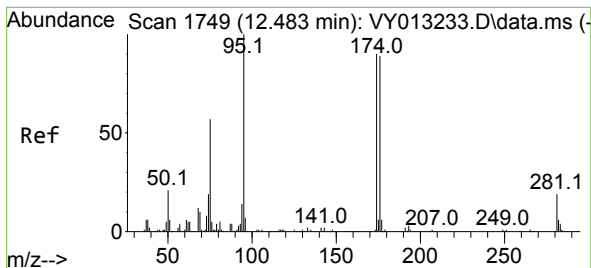
Tgt Ion: 98 Resp: 147656

Ion Ratio Lower Upper

98 100

100 62.1 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 51.902 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013253.D

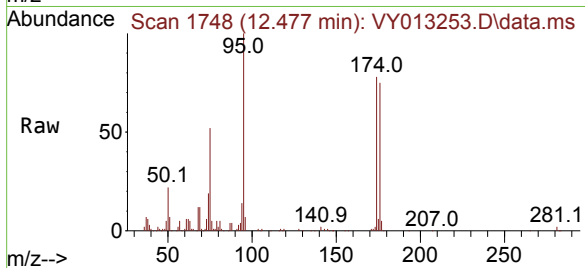
Acq: 11 Apr 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

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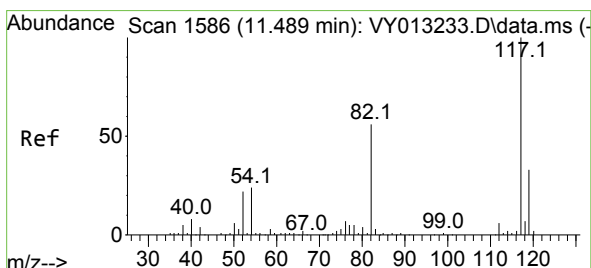
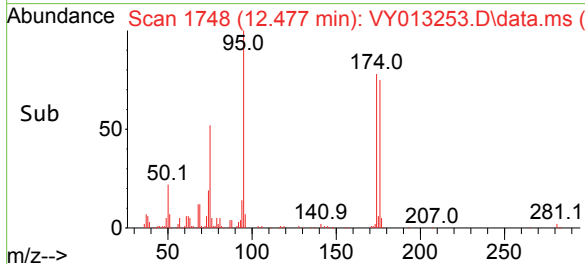
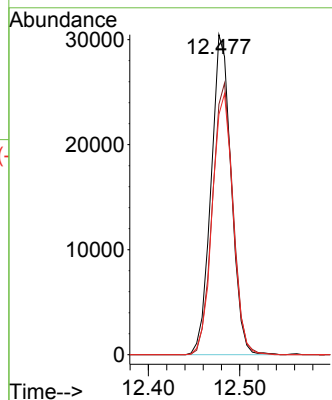
Tgt Ion: 95 Resp: 46553

Ion Ratio Lower Upper

95 100

174 87.0 0.0 176.6

176 84.2 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

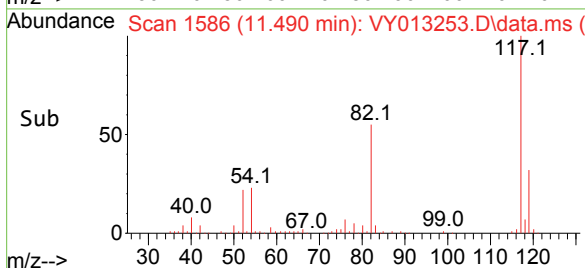
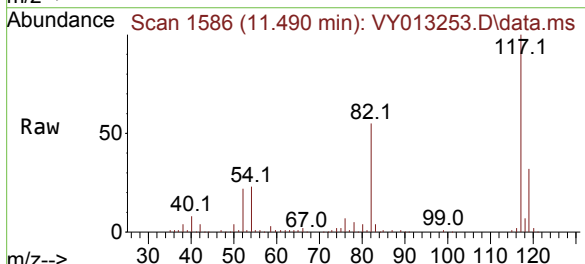
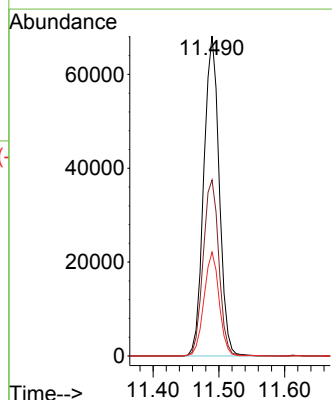
Tgt Ion: 117 Resp: 111054

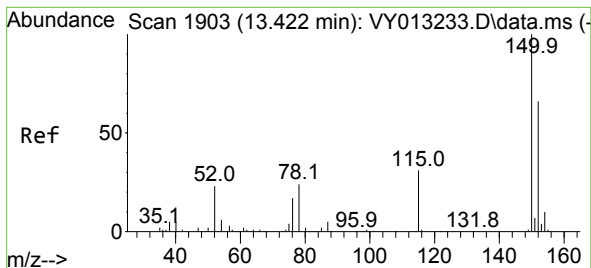
Ion Ratio Lower Upper

117 100

82 55.0 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. 0.000 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-14-16-20230410

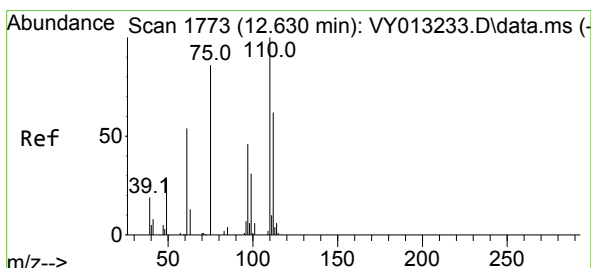
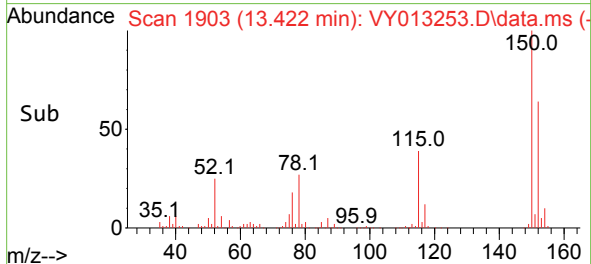
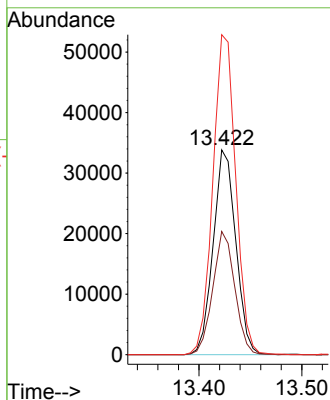
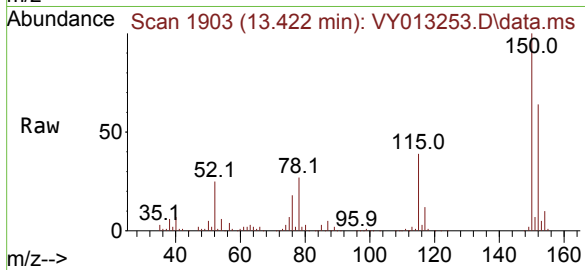
Tgt Ion:152 Resp: 51656

Ion Ratio Lower Upper

152 100

115 58.5 27.1 81.3

150 158.2 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 40.314 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY013253.D

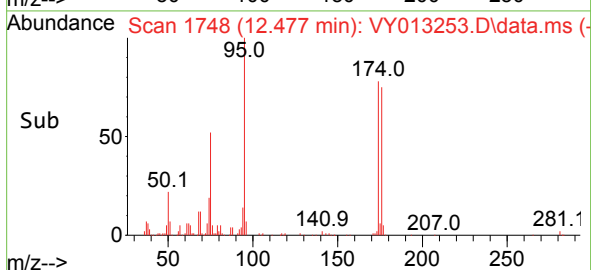
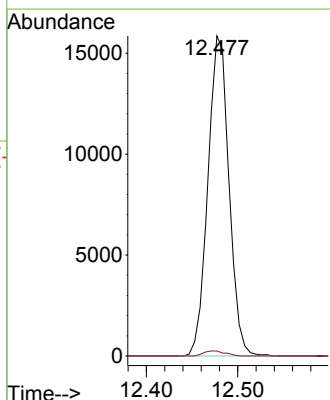
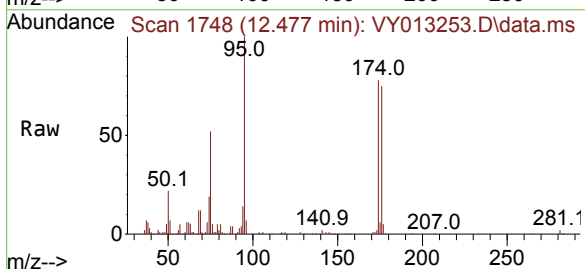
Acq: 11 Apr 2023 19:20

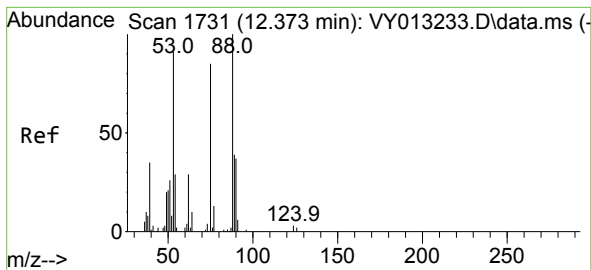
Tgt Ion: 75 Resp: 25347

Ion Ratio Lower Upper

75 100

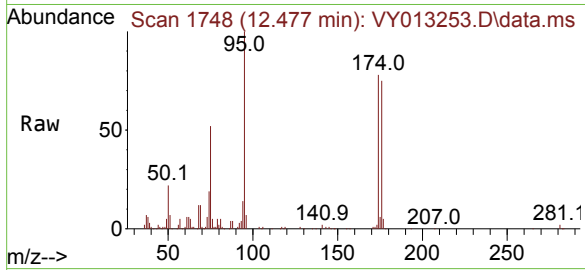
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.137 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013253.D
 Acq: 11 Apr 2023 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-14-16-20230410



Tgt Ion: 75 Resp: 25347
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.4 110.0#
 89 0.0 36.6 55.0#

