

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017870.D
 Acq On : 05 Apr 2024 14:54
 Operator : SY/MD
 Sample : P1980-02
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC7-GRAB-12-13

Quant Time: Apr 06 04:48:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

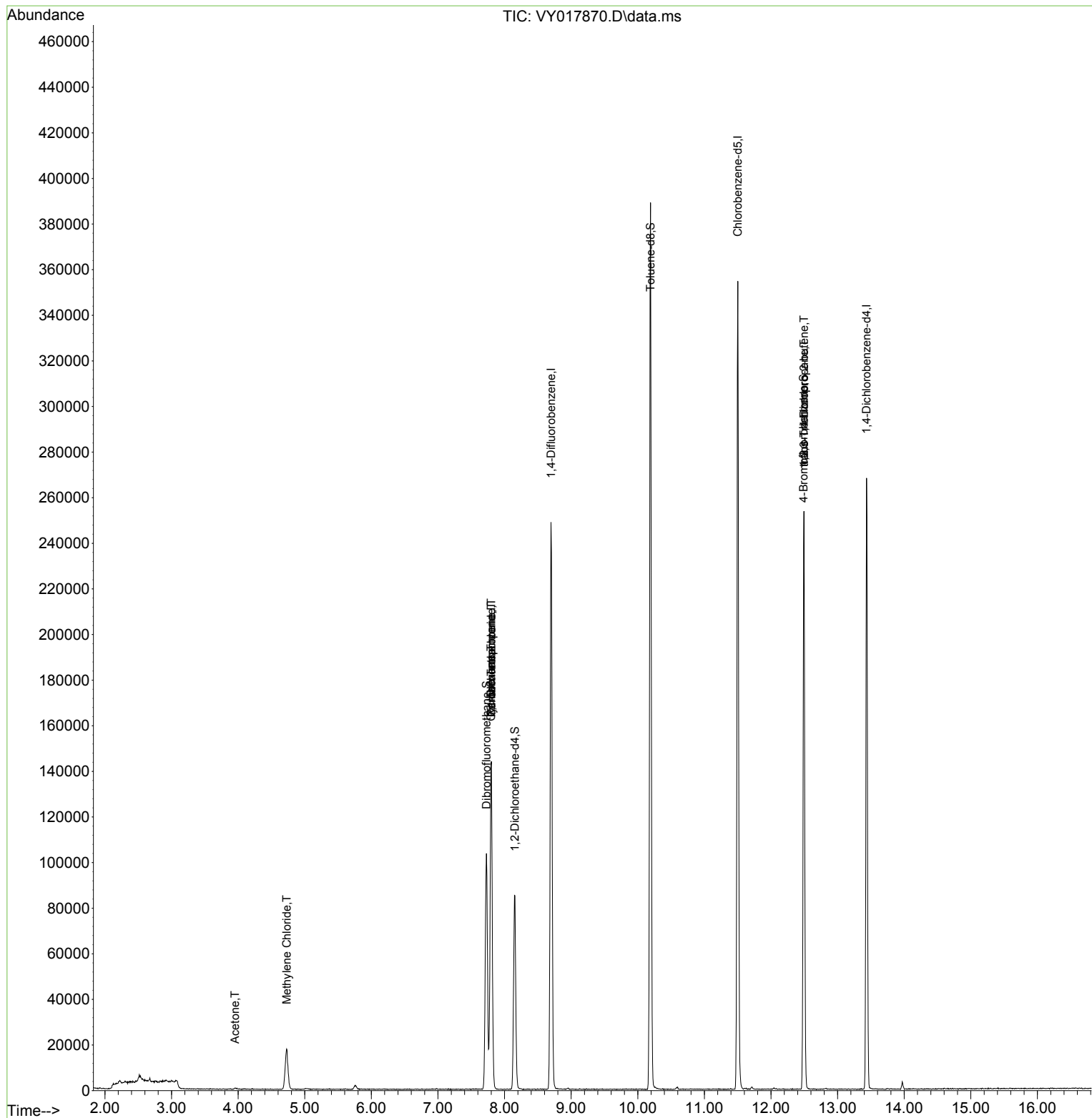
Internal Standards						
1) Pentafluorobenzene	7.801	168	113819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67162	68.190	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.380%	
35) Dibromofluoromethane	7.728	113	72321	57.560	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.120%	
50) Toluene-d8	10.191	98	254876	54.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.489	95	64577	45.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	830	4.077	ug/l	91
20) Methylene Chloride	4.729	84	13727	8.816	ug/l	97
31) Cyclohexane	7.795	56	2651	1.528	ug/l #	3
36) 1,1-Dichloropropene	7.801	75	8928	4.870	ug/l #	47
38) Carbon Tetrachloride	7.801	117	10833	5.692	ug/l #	17
41) Methacrylonitrile	7.368	41	54	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.191	43	1113	Below Cal	#	1
69) o-Xylene	12.038	106	111	Below Cal	#	1
70) Styrene	12.057	104	168	Below Cal	#	35
76) 1,2,3-Trichloropropane	12.496	75	35588	56.258	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	35588	109.048	ug/l #	16

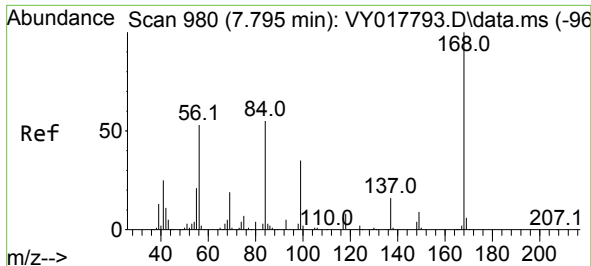
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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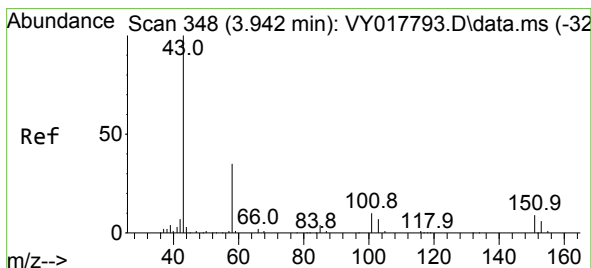
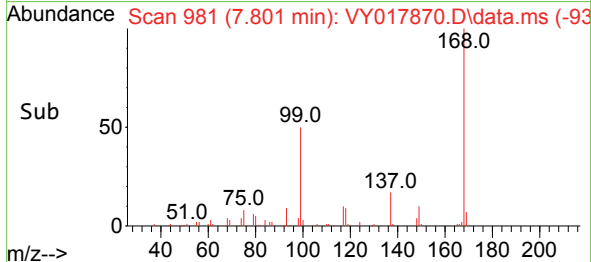
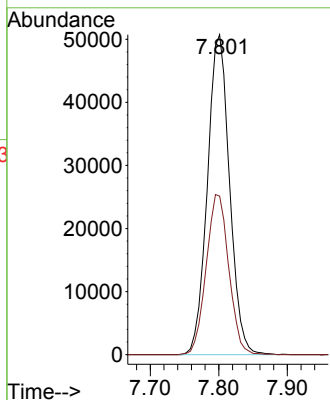
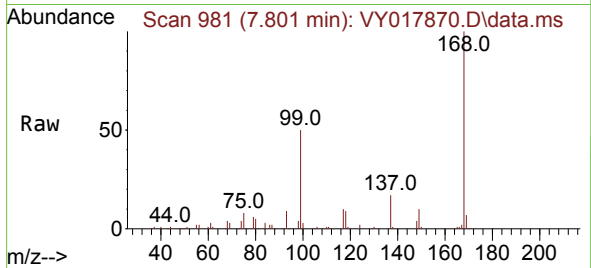




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

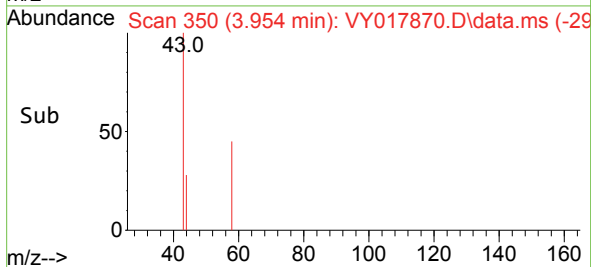
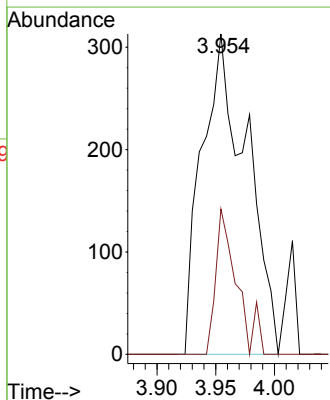
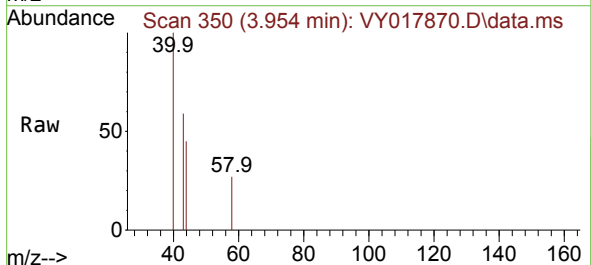
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

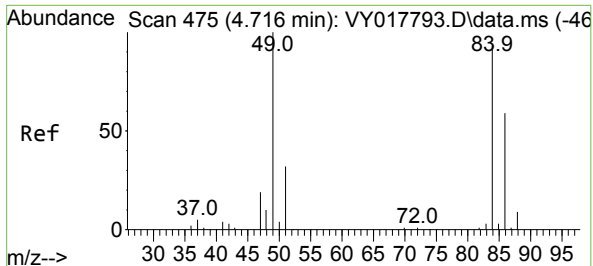
Tgt Ion:168 Resp: 113819
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#16
Acetone
Concen: 4.077 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 45.4 31.7 47.5





#20

Methylene Chloride

Concen: 8.816 ug/l

RT: 4.729 min Scan# 41

Delta R.T. 0.013 min

Lab File: VY017870.D

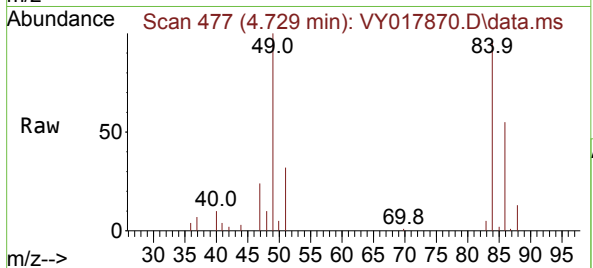
Acq: 05 Apr 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

WC7-GRAB-12-13



Tgt Ion: 84 Resp: 13727

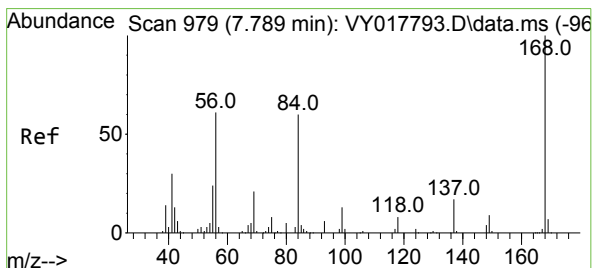
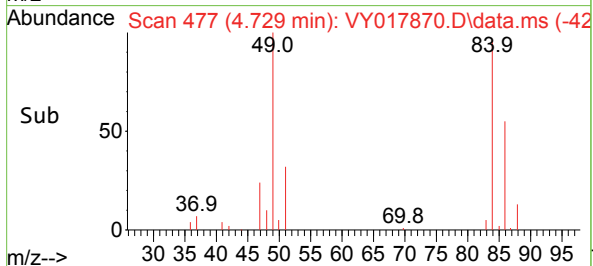
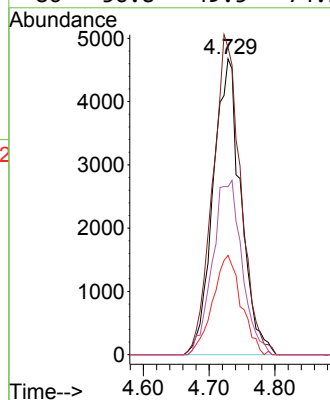
Ion Ratio Lower Upper

84 100

49 103.9 84.4 126.6

51 33.6 26.0 39.0

86 56.8 49.5 74.3



#31

Cyclohexane

Concen: 1.528 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017870.D

Acq: 05 Apr 2024 14:54

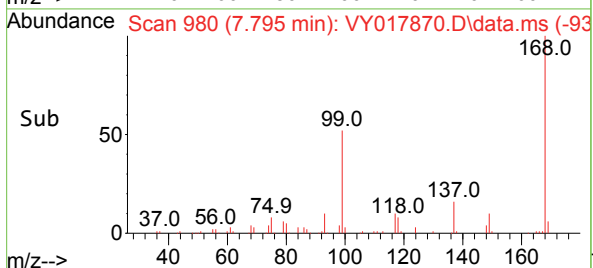
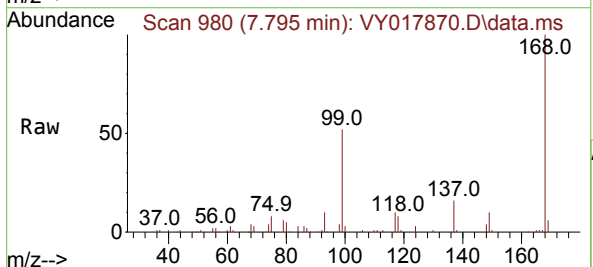
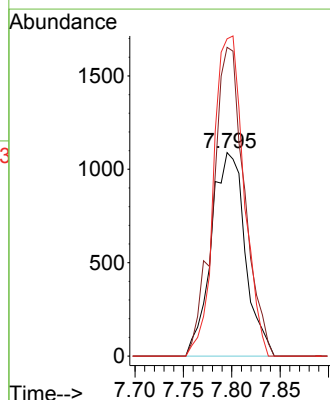
Tgt Ion: 56 Resp: 2651

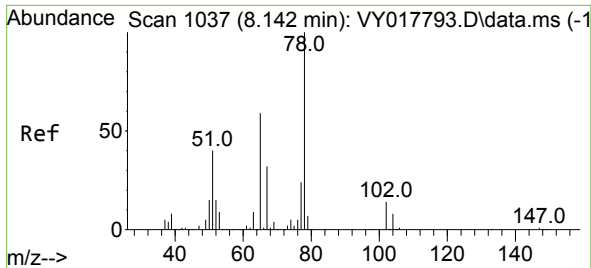
Ion Ratio Lower Upper

56 100

69 151.8 28.7 43.1#

84 156.0 77.7 116.5#

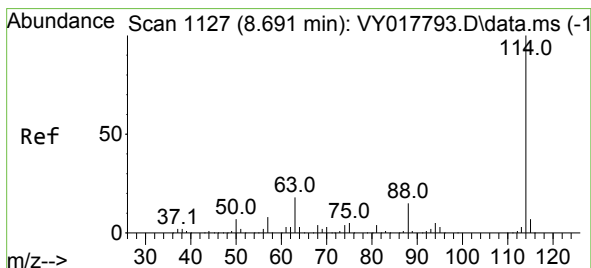
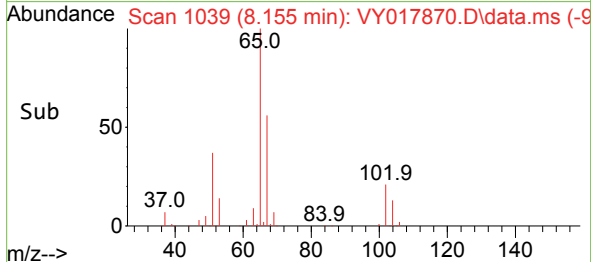
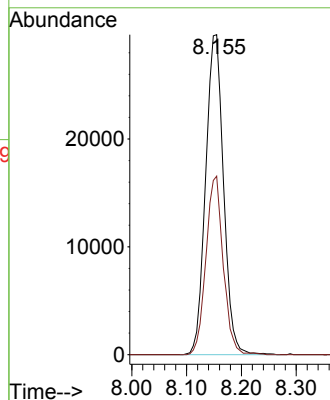
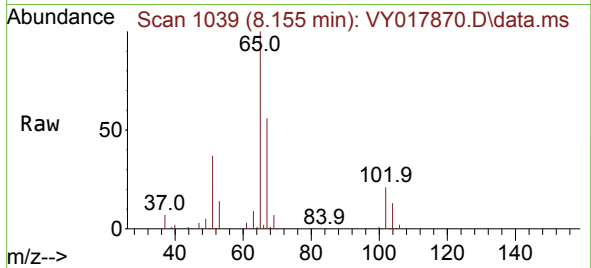




#33
 1,2-Dichloroethane-d4
 Concen: 68.190 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017870.D
 Acq: 05 Apr 2024 14:54

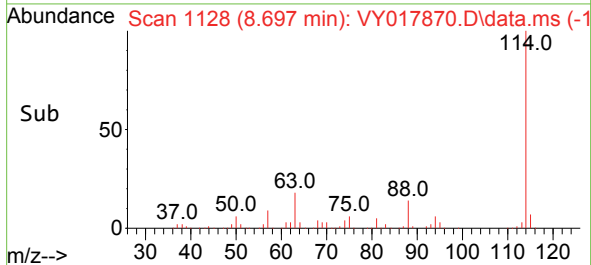
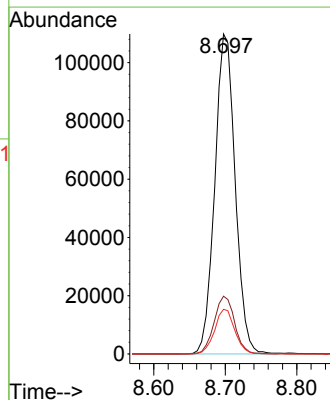
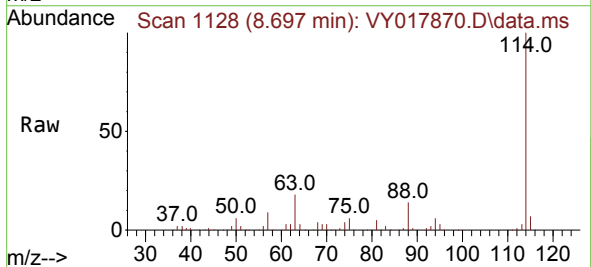
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC7-GRAB-12-13

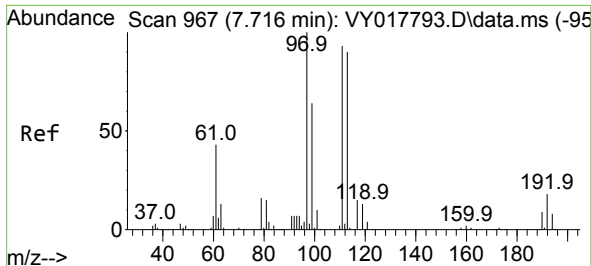
Tgt Ion: 65 Resp: 67162
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017870.D
 Acq: 05 Apr 2024 14:54

Tgt Ion: 114 Resp: 217438
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.0
 88 13.9 0.0 27.2

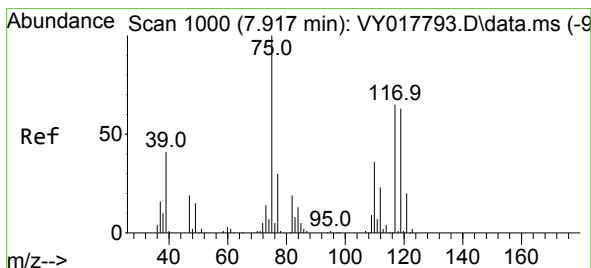
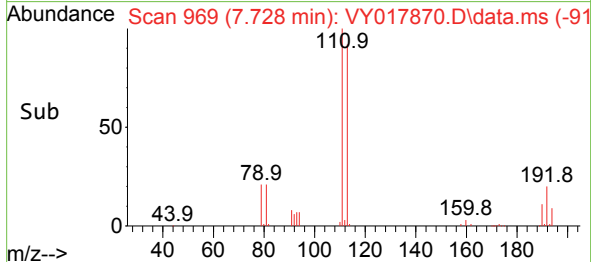
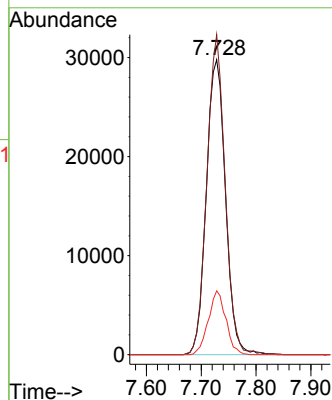
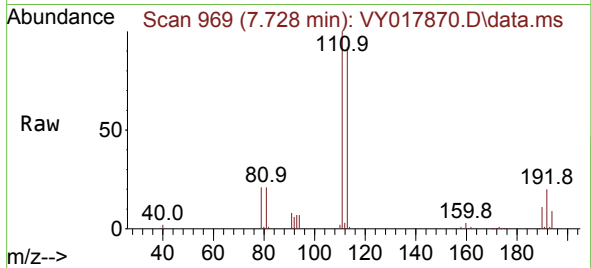




#35
Dibromofluoromethane
Concen: 57.560 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

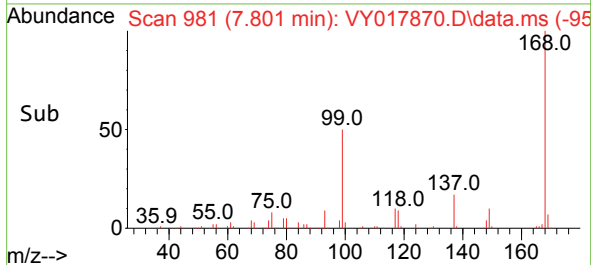
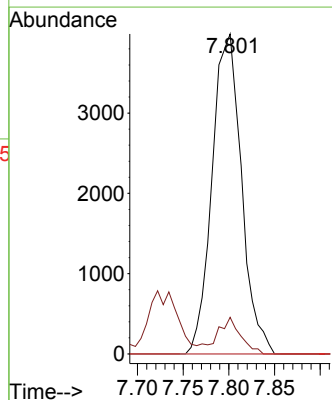
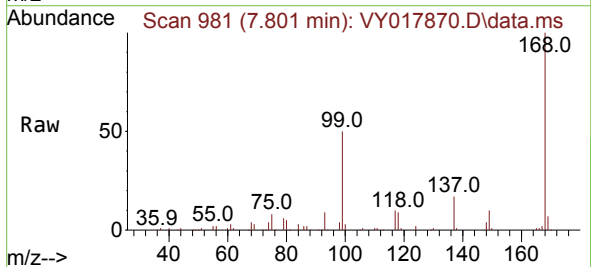
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

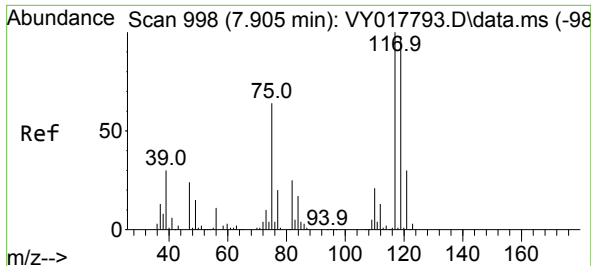
Tgt Ion:113 Resp: 72321
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

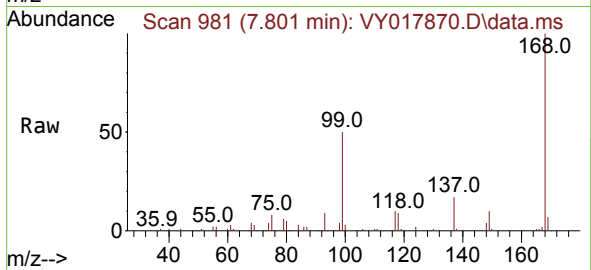
Tgt Ion: 75 Resp: 8928
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



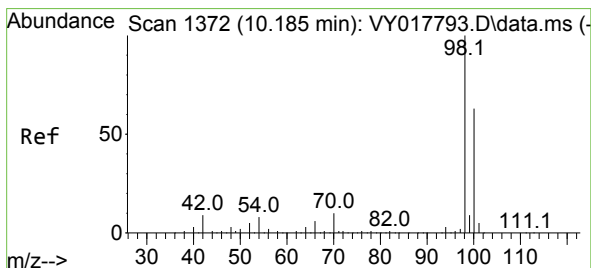
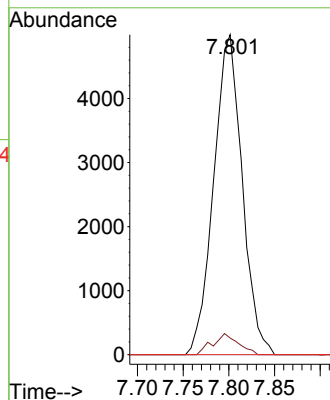
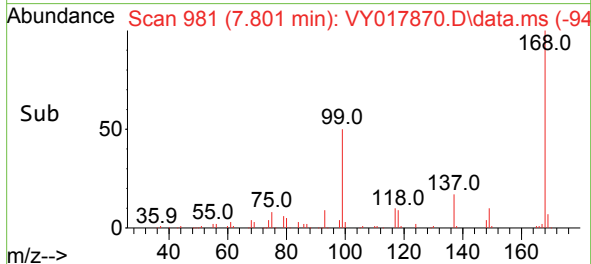


#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

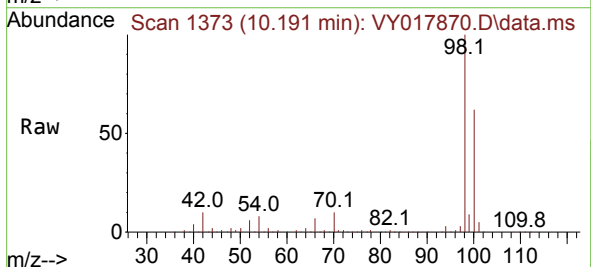
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13



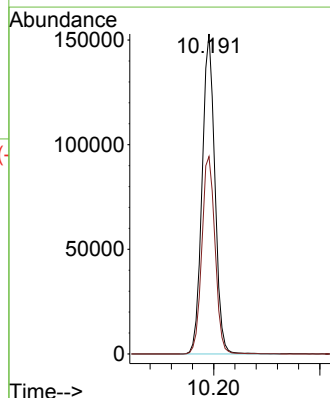
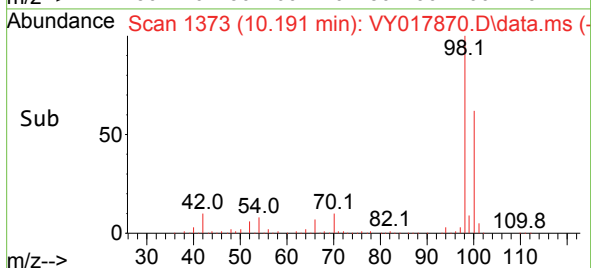
Tgt Ion:117 Resp: 10833
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#

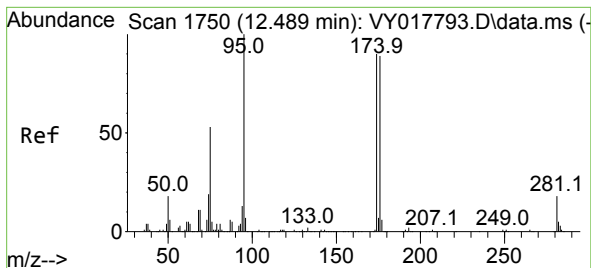


#50
Toluene-d8
Concen: 54.305 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54



Tgt Ion: 98 Resp: 254876
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.223 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017870.D

Acq: 05 Apr 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

WC7-GRAB-12-13

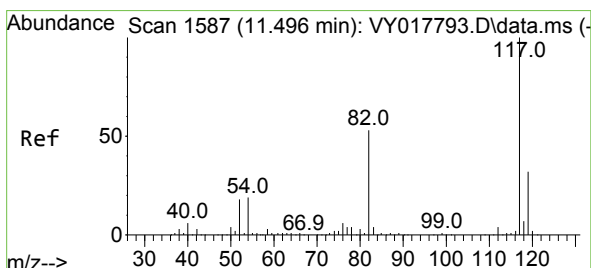
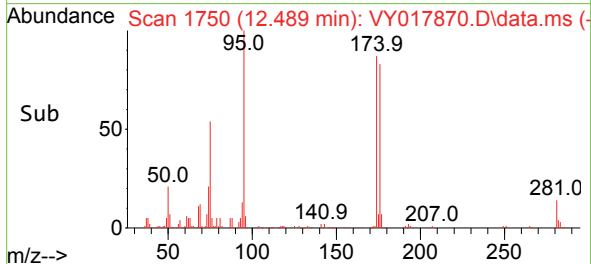
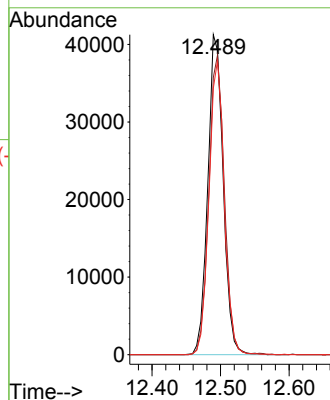
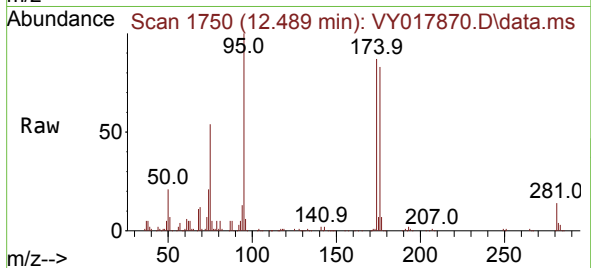
Tgt Ion: 95 Resp: 64577

Ion Ratio Lower Upper

95 100

174 94.5 0.0 175.6

176 91.2 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.006 min

Lab File: VY017870.D

Acq: 05 Apr 2024 14:54

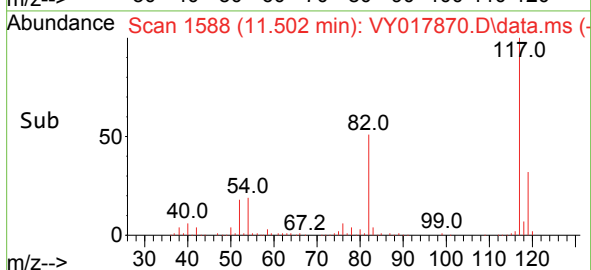
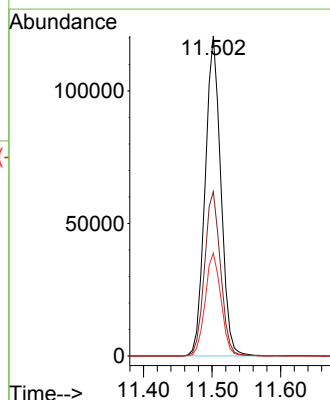
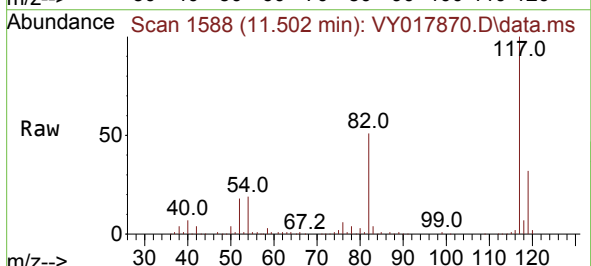
Tgt Ion: 117 Resp: 193108

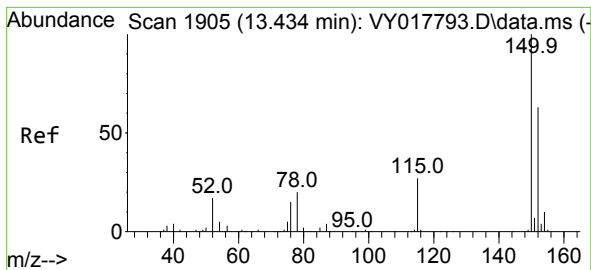
Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017870.D

Acq: 05 Apr 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

WC7-GRAB-12-13

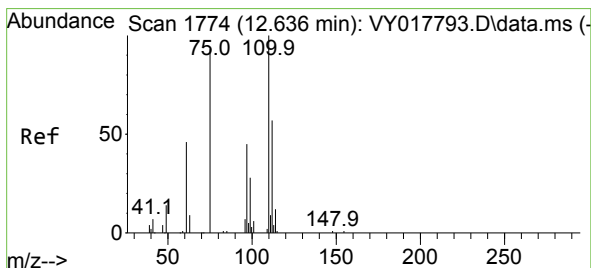
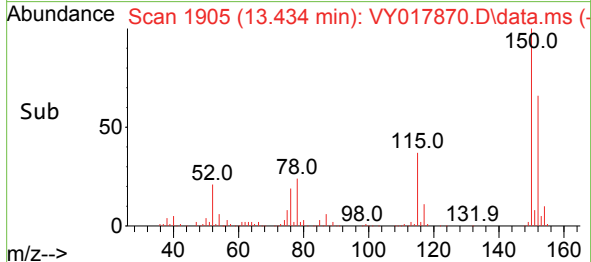
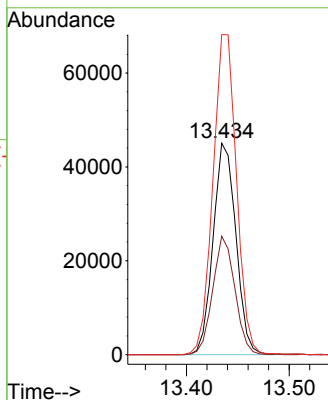
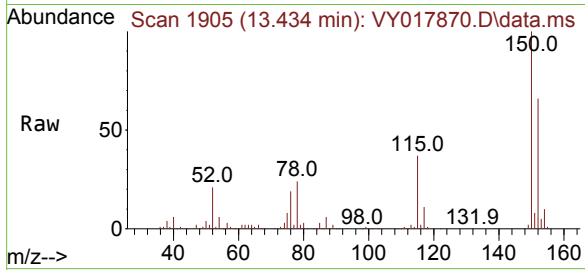
Tgt Ion:152 Resp: 69419

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 56.258 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017870.D

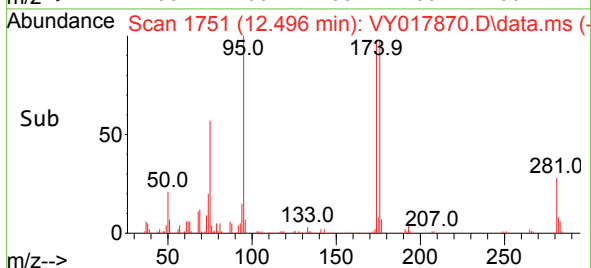
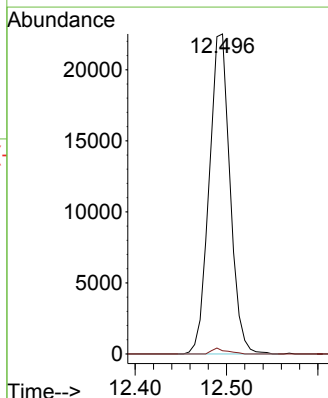
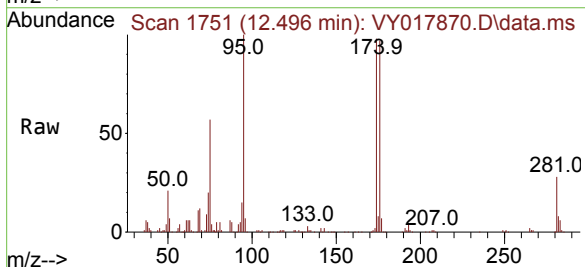
Acq: 05 Apr 2024 14:54

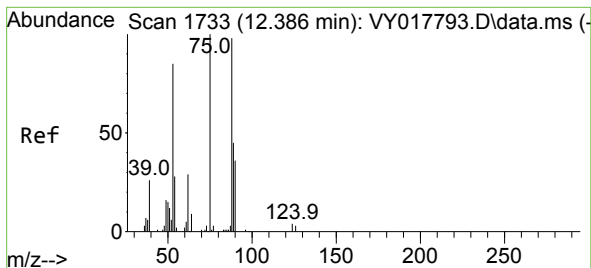
Tgt Ion: 75 Resp: 35588

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.048 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

Tgt Ion: 75 Resp: 35588
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

