

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017850.D
 Acq On : 04 Apr 2024 13:35
 Operator : SY/MD
 Sample : P1980-02
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 05 00:46:39 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)

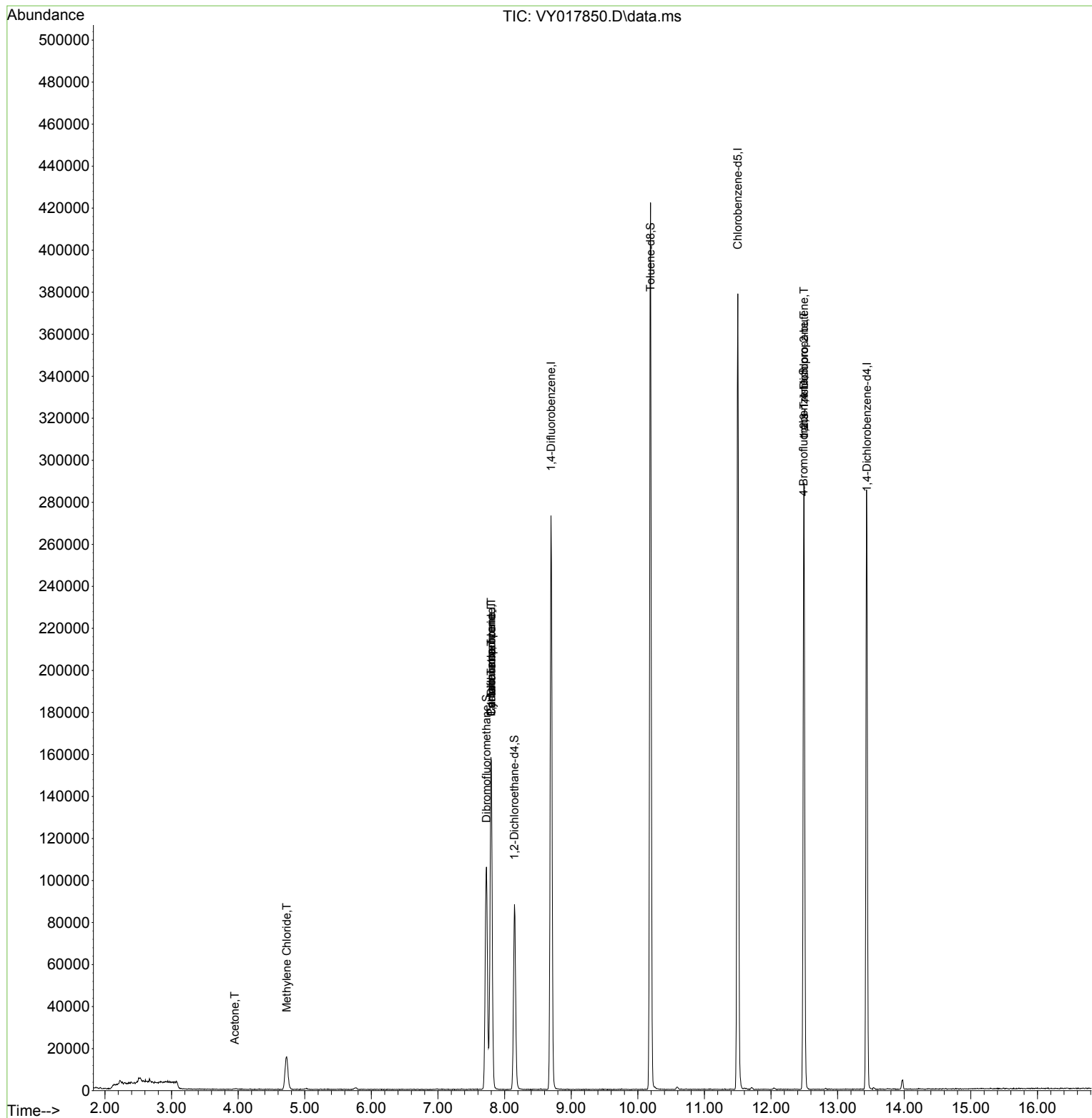
Internal Standards						
1) Pentafluorobenzene	7.801	168	127309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	206511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	73038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67944	61.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.340%			
35) Dibromofluoromethane	7.728	113	76168	55.660	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.320%			
50) Toluene-d8	10.191	98	270693	52.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.489	95	69070	44.411	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	43	Below Cal	#	88
16) Acetone	3.948	43	233	1.023	ug/l	87
20) Methylene Chloride	4.728	84	13018	7.048	ug/l	98
31) Cyclohexane	7.801	56	2837	1.462	ug/l #	14
36) 1,1-Dichloropropene	7.801	75	9850	4.933	ug/l #	48
38) Carbon Tetrachloride	7.801	117	12068	5.822	ug/l #	18
51) 4-Methyl-2-Pentanone	10.191	43	1085	Below Cal	#	1
69) o-Xylene	12.044	106	199	Below Cal		93
70) Styrene	12.056	104	144	Below Cal	#	72
74) N-amyl acetate	12.123	43	22	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.495	75	38804	58.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38804	112.040	ug/l #	16

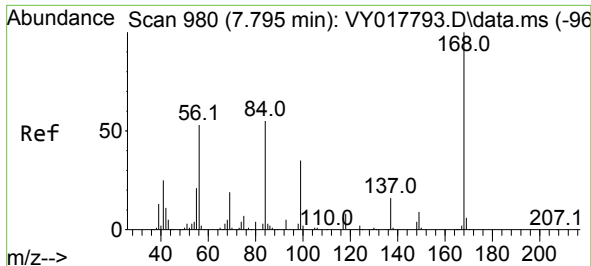
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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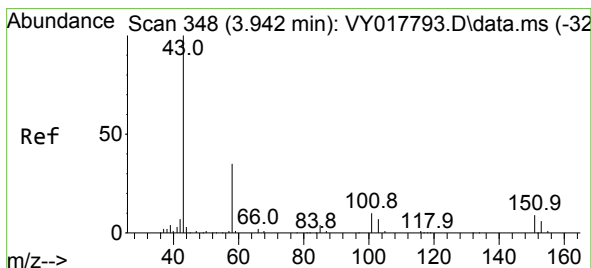
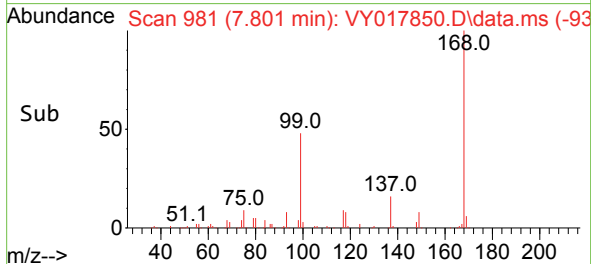
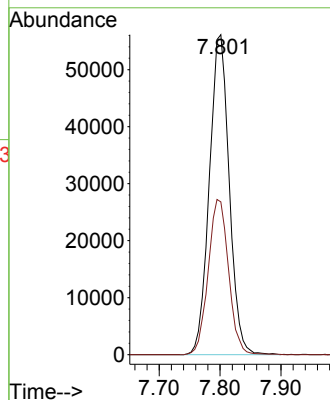
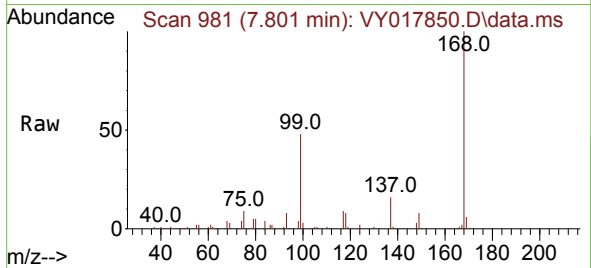




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

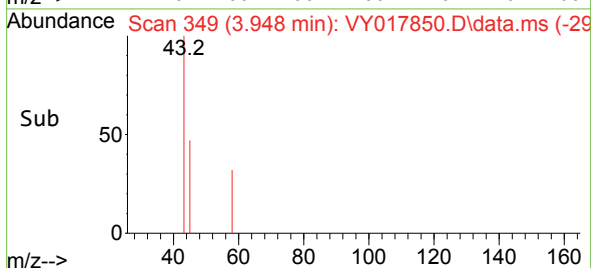
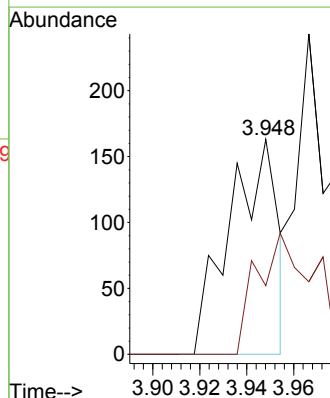
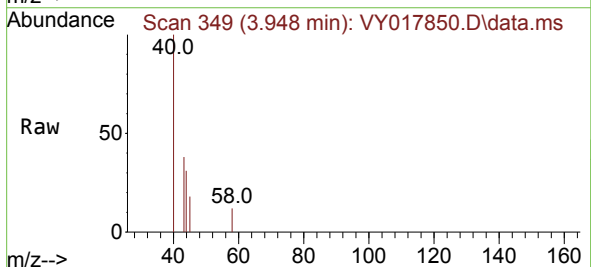
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

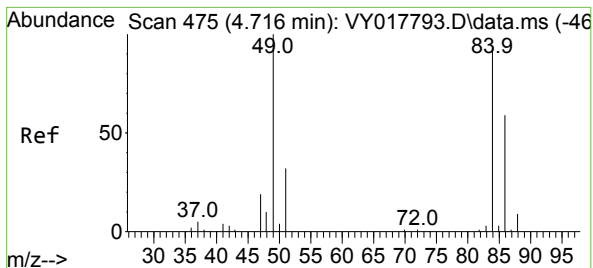
Tgt Ion:168 Resp: 127309
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#16
Acetone
Concen: 1.023 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5





#20

Methylene Chloride

Concen: 7.048 ug/l

RT: 4.728 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY017850.D

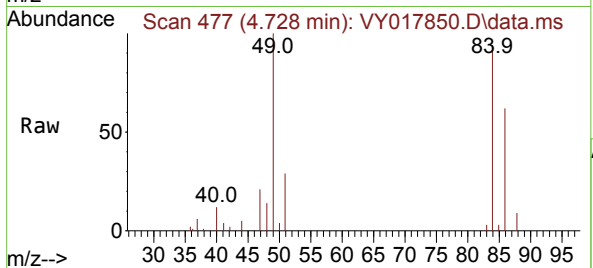
Acq: 04 Apr 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

WC7-GRAB-12-13



Tgt Ion: 84 Resp: 13018

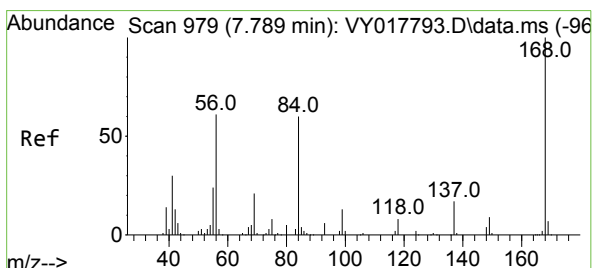
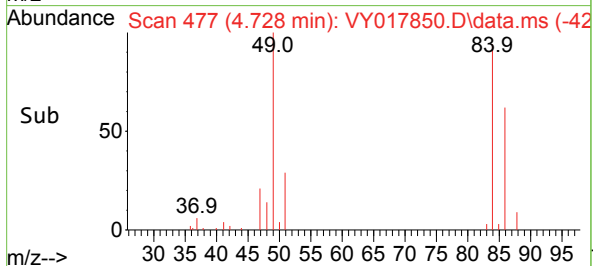
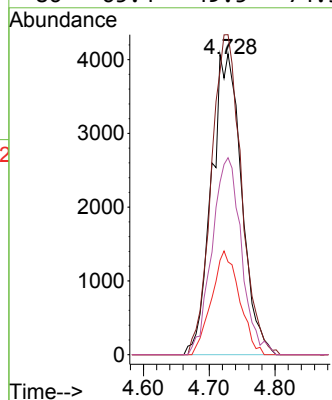
Ion Ratio Lower Upper

84 100

49 106.3 84.4 126.6

51 30.9 26.0 39.0

86 65.4 49.5 74.3



#31

Cyclohexane

Concen: 1.462 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY017850.D

Acq: 04 Apr 2024 13:35

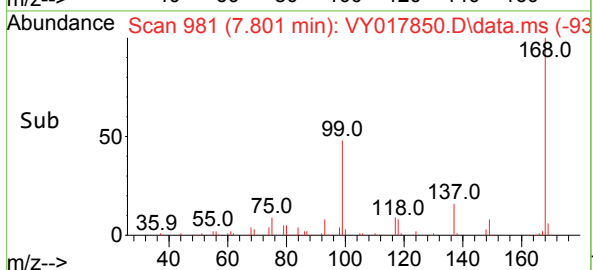
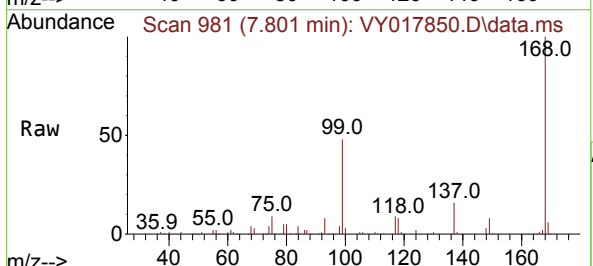
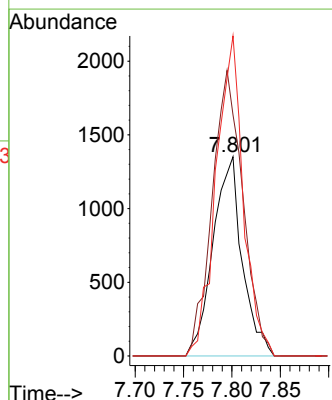
Tgt Ion: 56 Resp: 2837

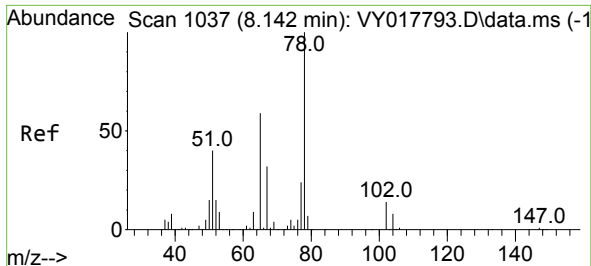
Ion Ratio Lower Upper

56 100

69 121.0 28.7 43.1#

84 160.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.675 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017850.D

Acq: 04 Apr 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

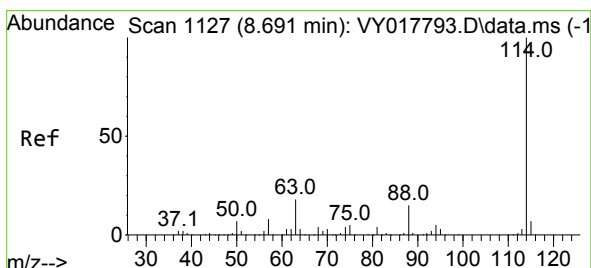
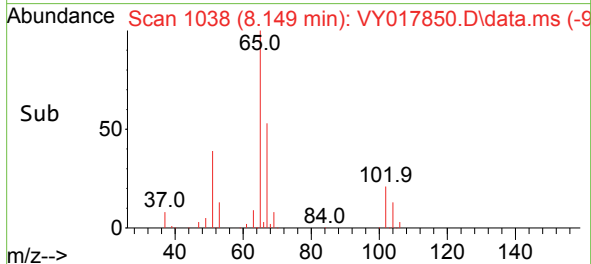
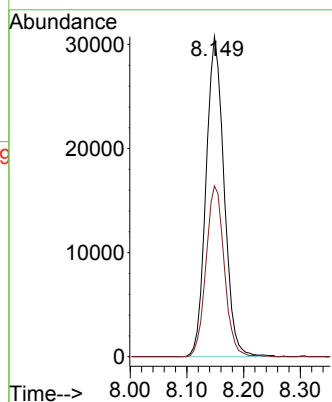
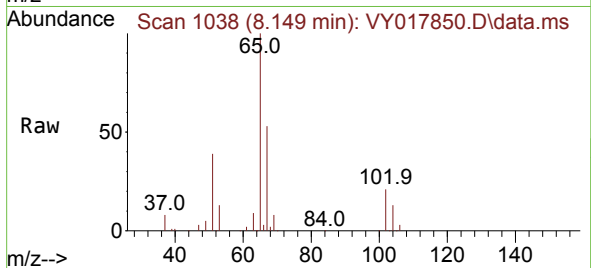
WC7-GRAB-12-13

Tgt Ion: 65 Resp: 67944

Ion Ratio Lower Upper

65 100

67 54.1 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: VY017850.D

Acq: 04 Apr 2024 13:35

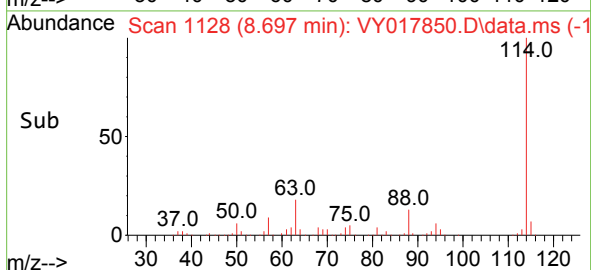
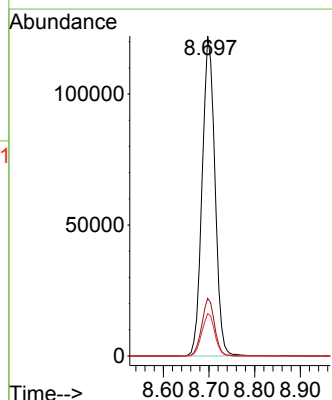
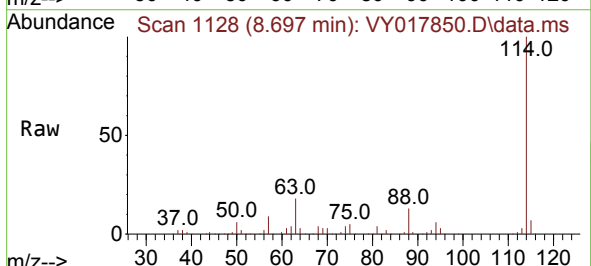
Tgt Ion: 114 Resp: 236820

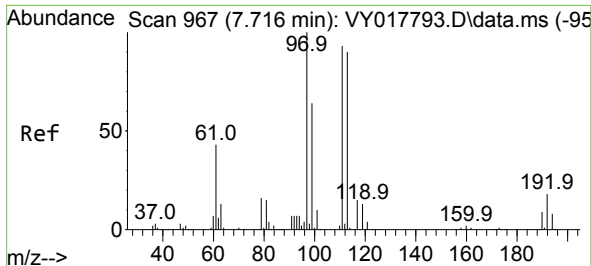
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.3 0.0 27.2

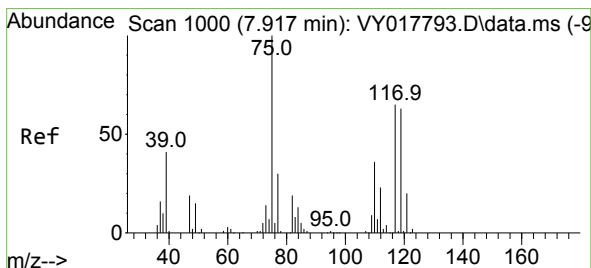
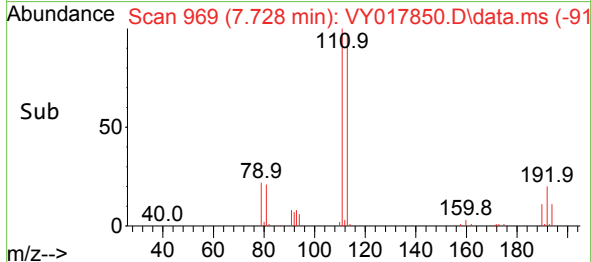
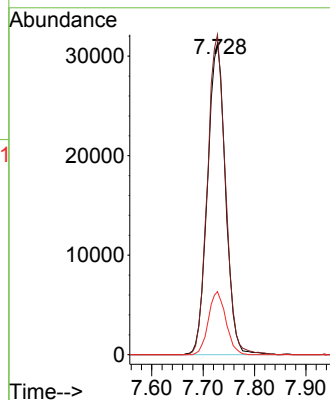
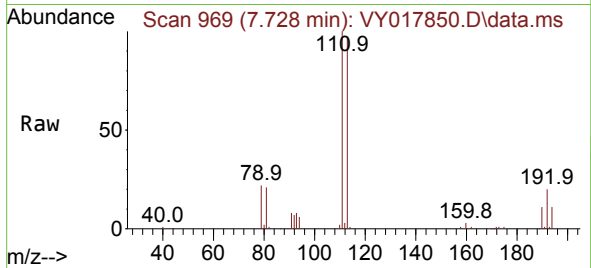




#35
Dibromofluoromethane
Concen: 55.660 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

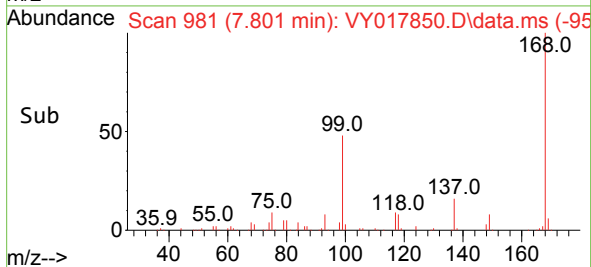
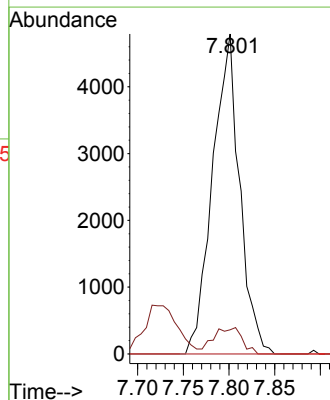
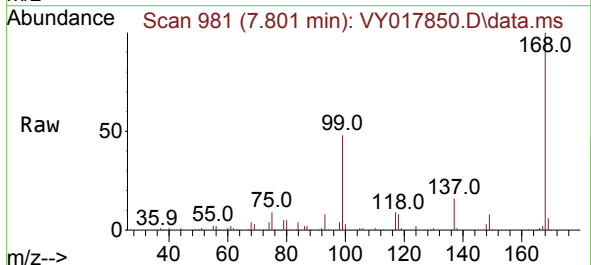
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

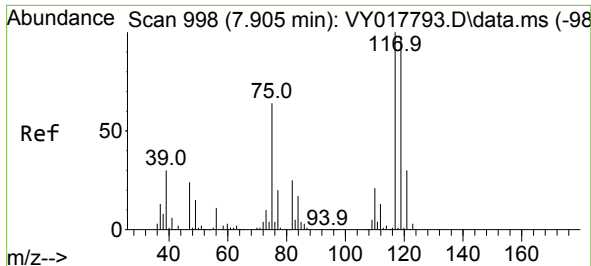
Tgt Ion:113 Resp: 76168
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

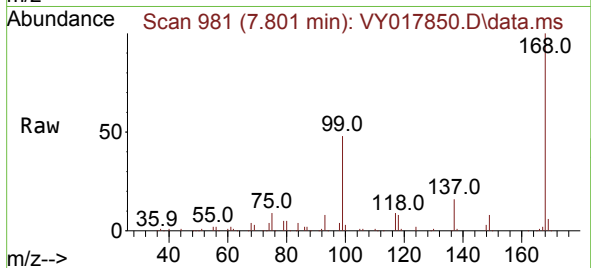
Tgt Ion: 75 Resp: 9850
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



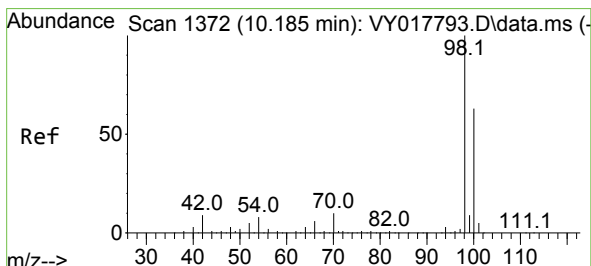
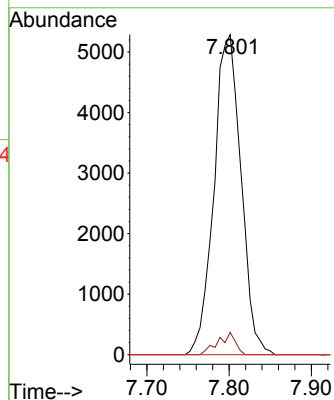
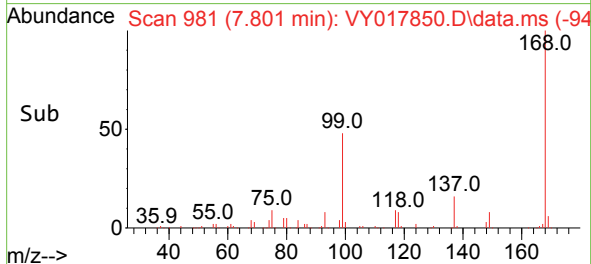


#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

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

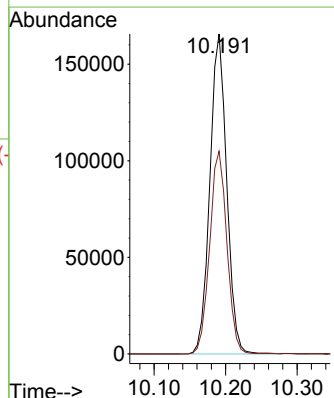
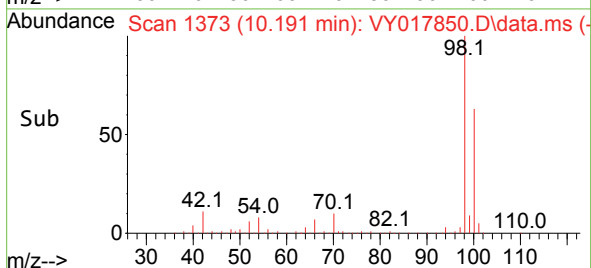
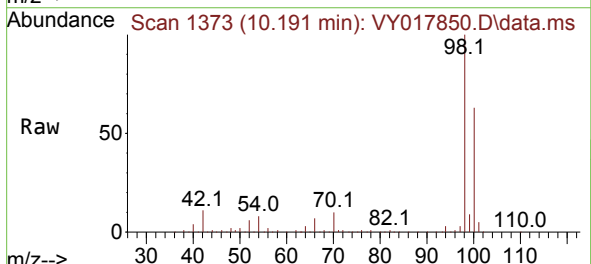


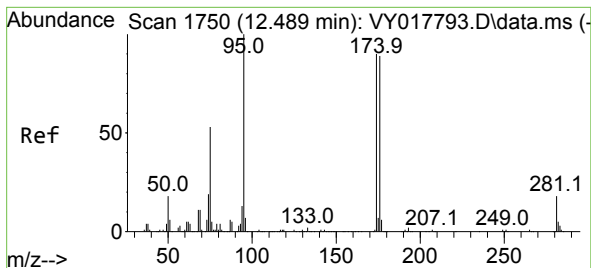
Tgt Ion:117 Resp: 12068
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 52.955 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

Tgt Ion: 98 Resp: 270693
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

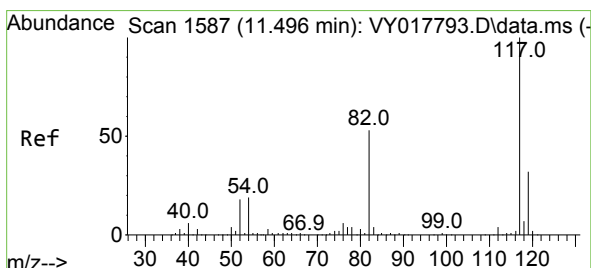
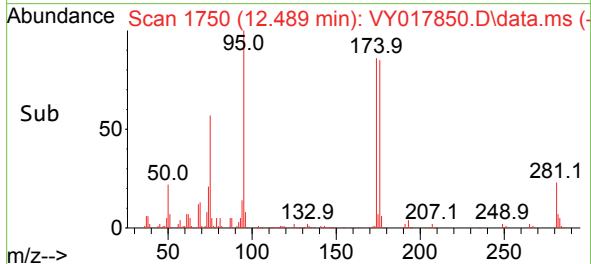
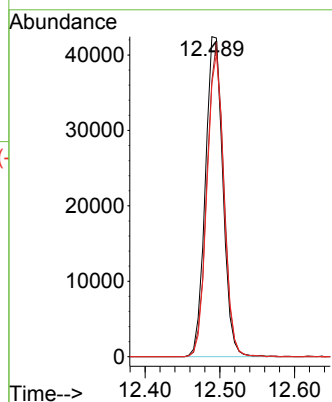
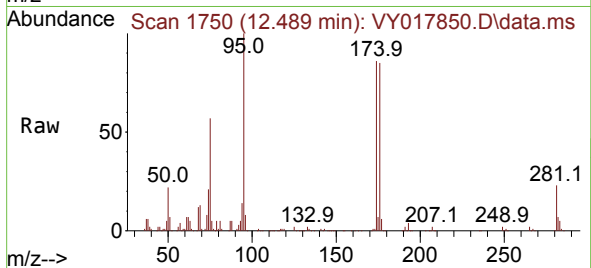




#62
4-Bromofluorobenzene
Concen: 44.411 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

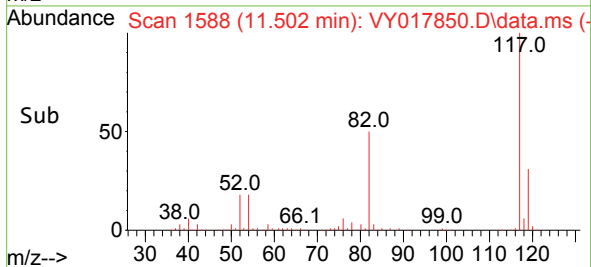
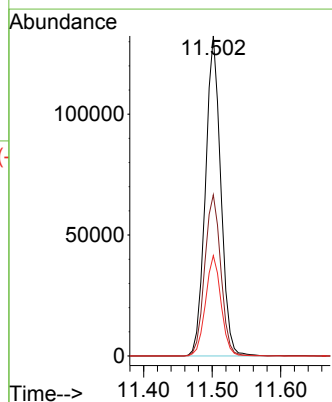
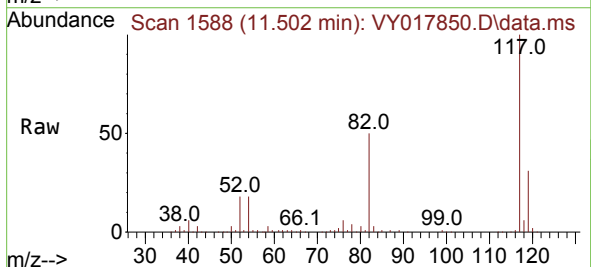
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

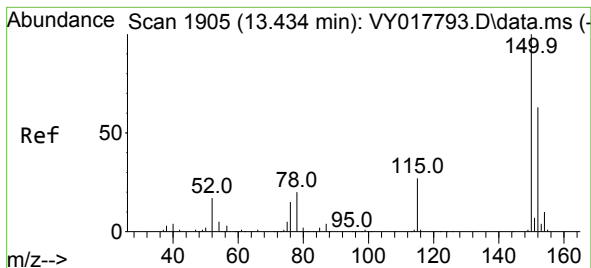
Tgt Ion: 95 Resp: 69070
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 91.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017850.D
Acq: 04 Apr 2024 13:35

Tgt Ion: 117 Resp: 206511
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017850.D

Acq: 04 Apr 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

WC7-GRAB-12-13

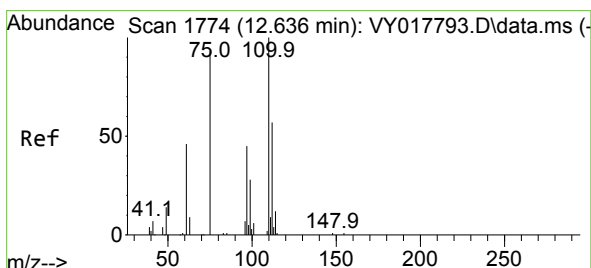
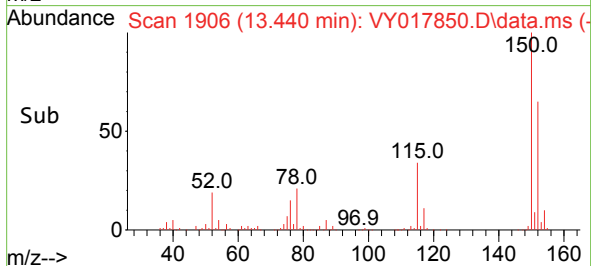
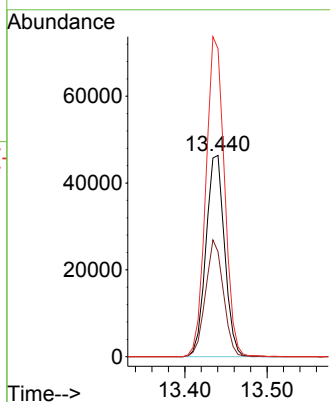
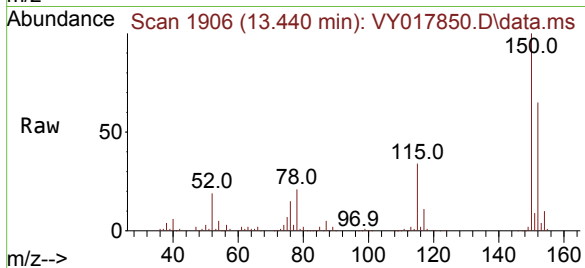
Tgt Ion:152 Resp: 73038

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.302 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017850.D

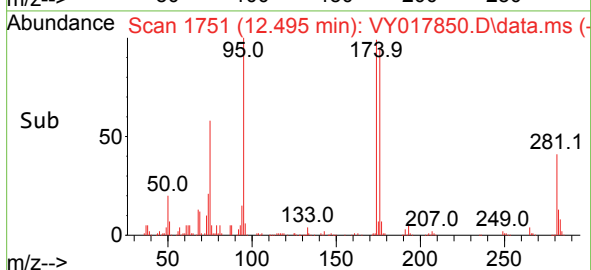
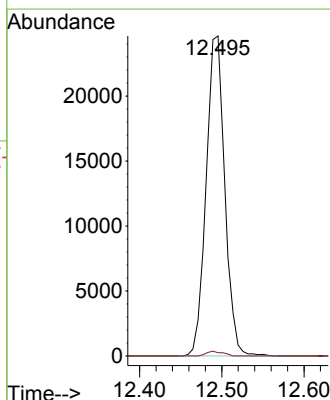
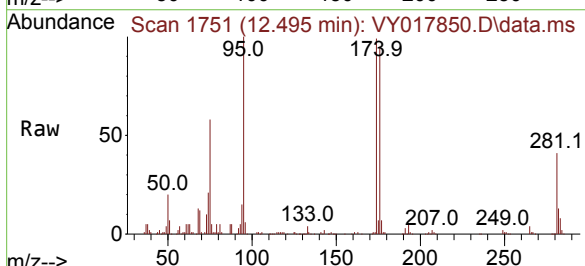
Acq: 04 Apr 2024 13:35

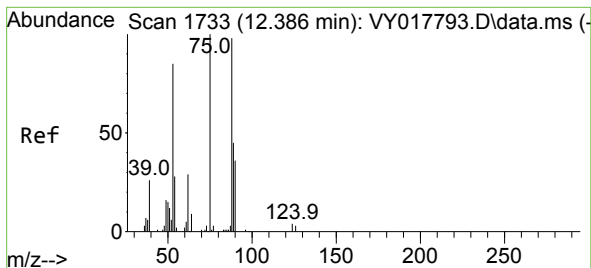
Tgt Ion: 75 Resp: 38804

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.040 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY017850.D
 Acq: 04 Apr 2024 13:35

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

Tgt Ion: 75 Resp: 38804
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

