

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)

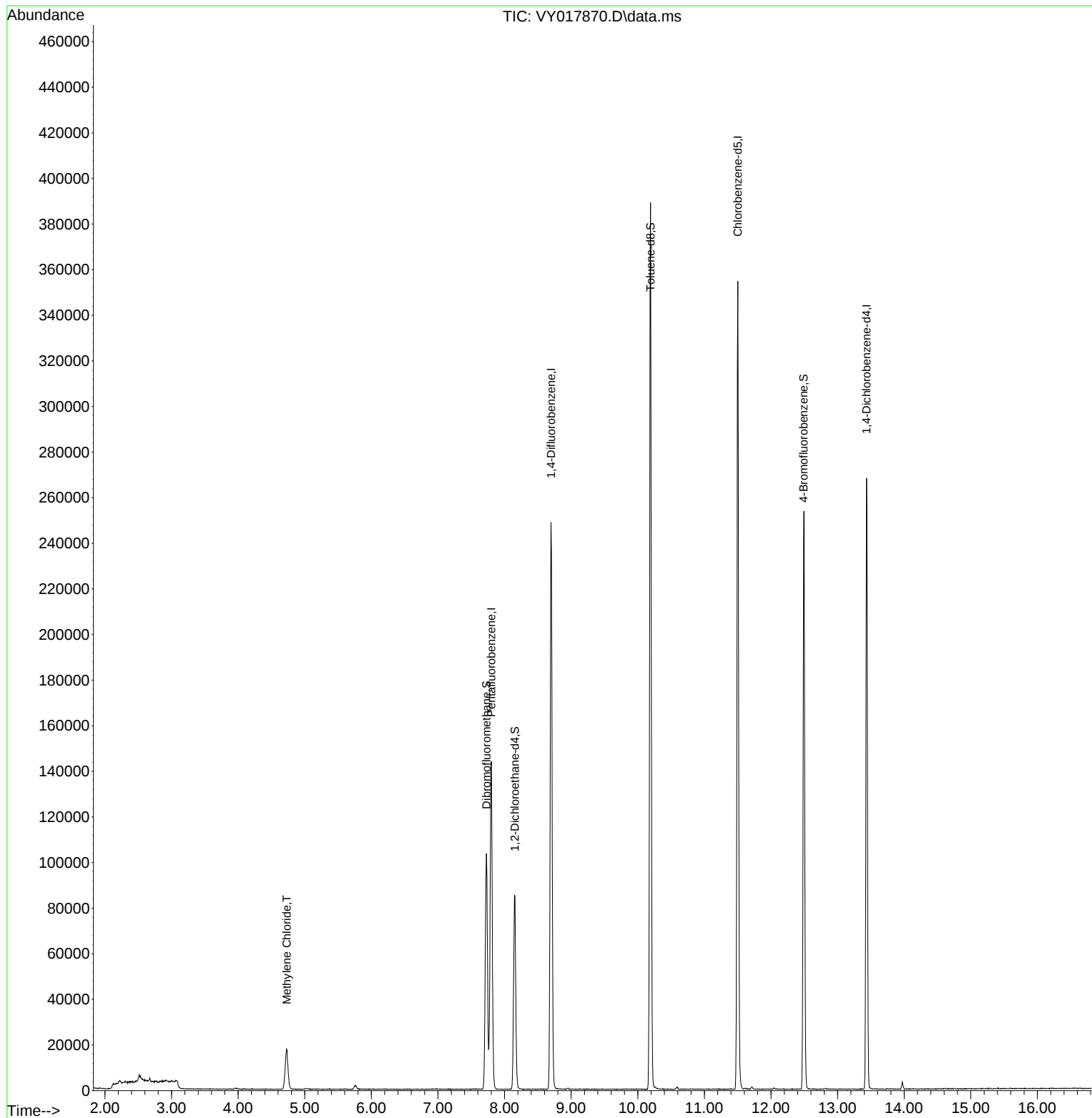
Internal Standards						
1) Pentafluorobenzene	7.801	168	113819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
20) Methylene Chloride	4.729	84	13727	8.816	ug/l	97

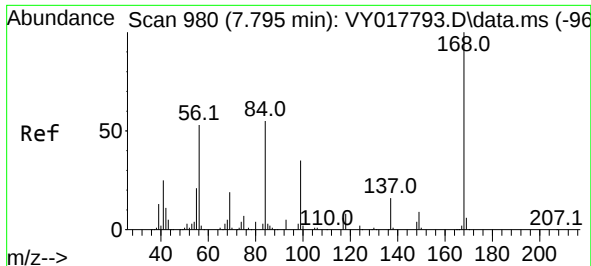
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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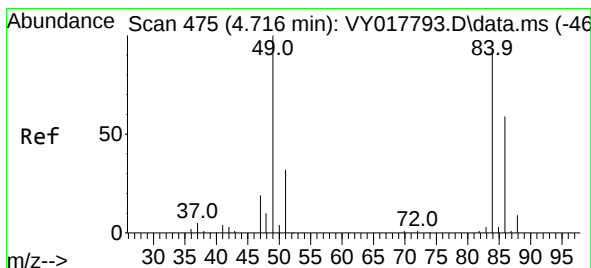
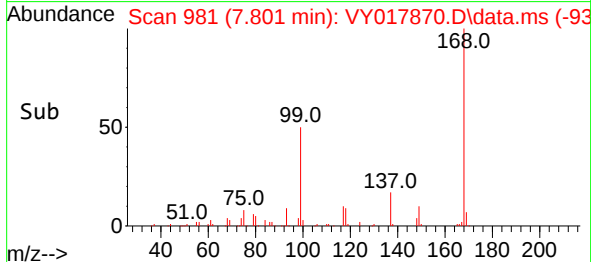
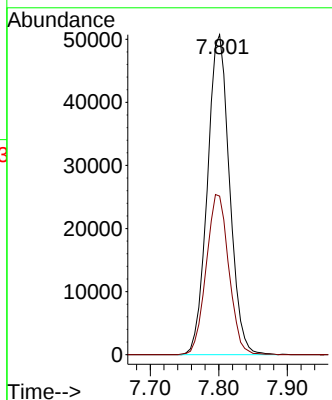
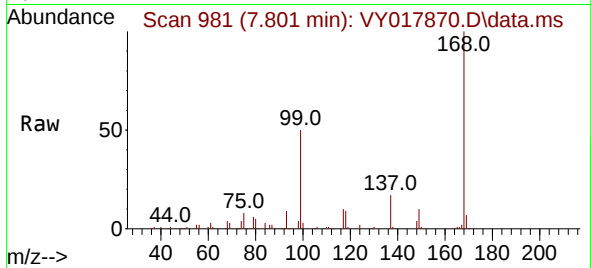




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

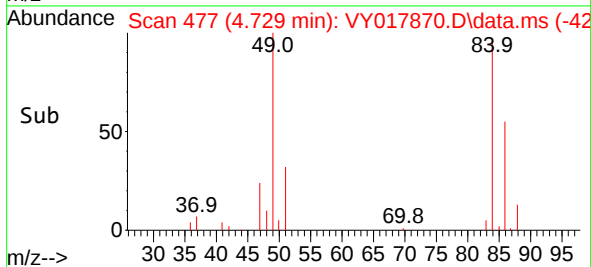
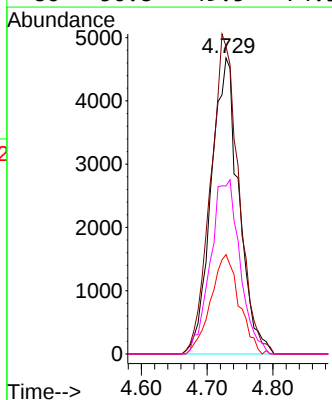
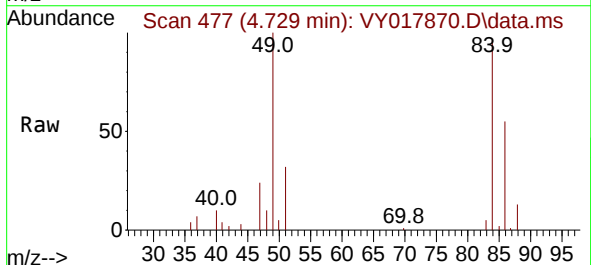
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

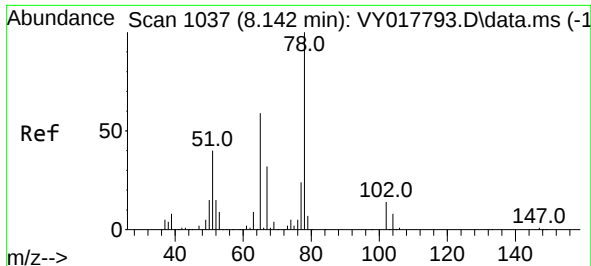
Tgt Ion:168 Resp: 113819
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#20
Methylene Chloride
Concen: 8.816 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

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





#33

1,2-Dichloroethane-d4

Concen: 68.190 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017870.D

Acq: 05 Apr 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

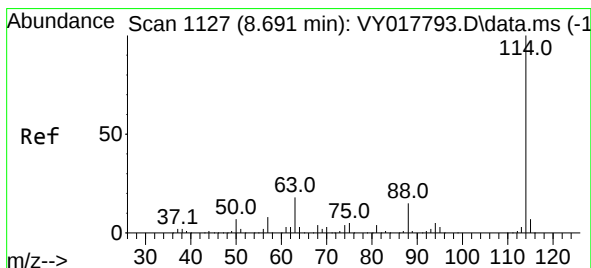
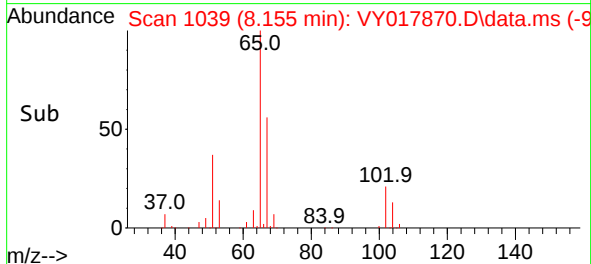
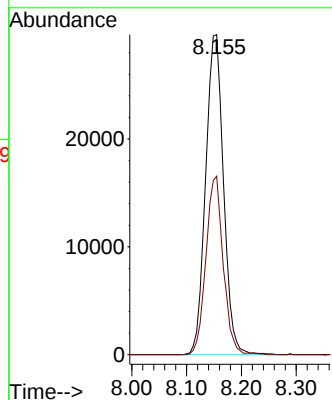
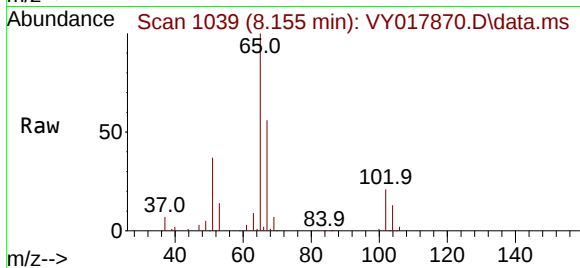
WC7-GRAB-12-13

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

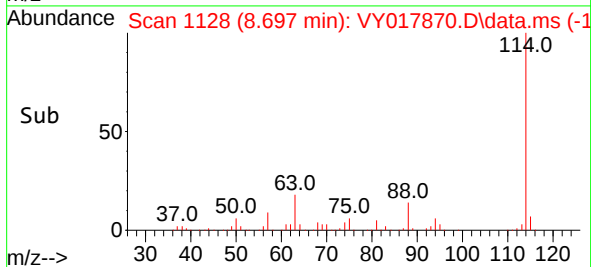
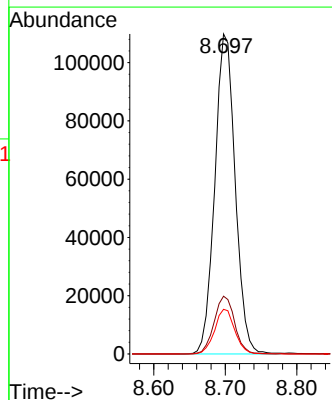
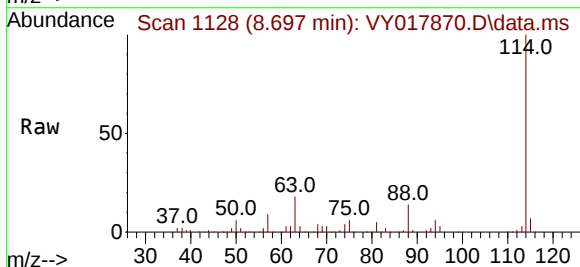
Tgt Ion: 114 Resp: 217438

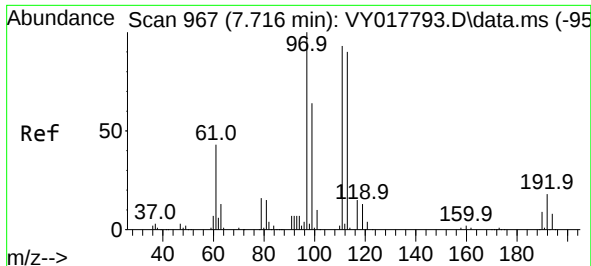
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2

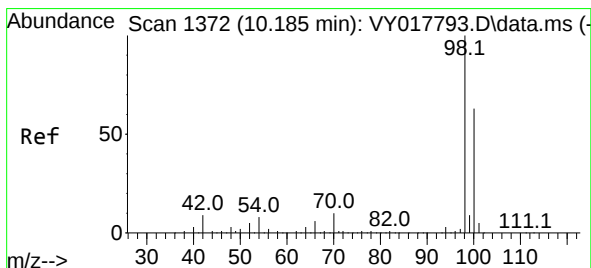
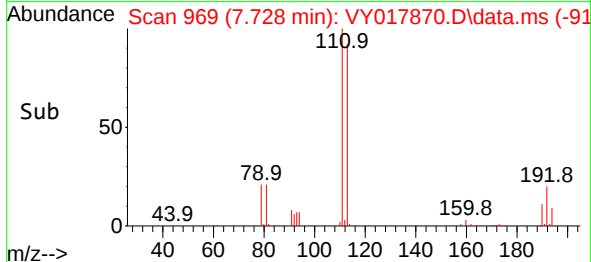
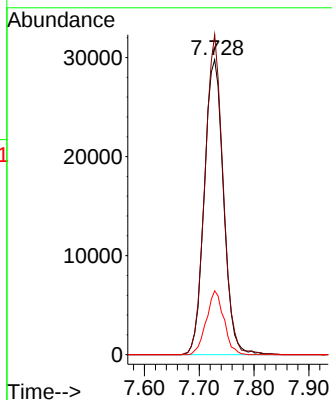
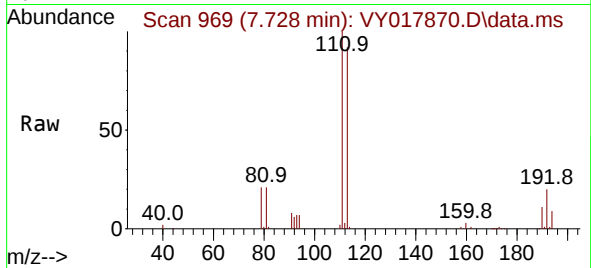




#35
 Dibromofluoromethane
 Concen: 57.560 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VY017870.D
 Acq: 05 Apr 2024 14:54

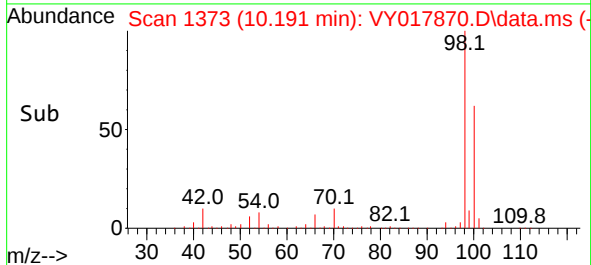
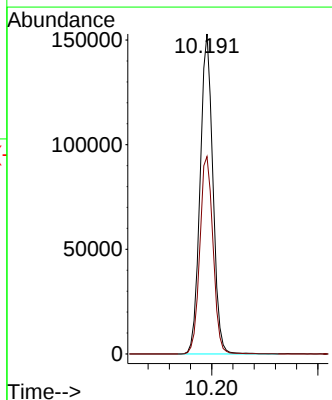
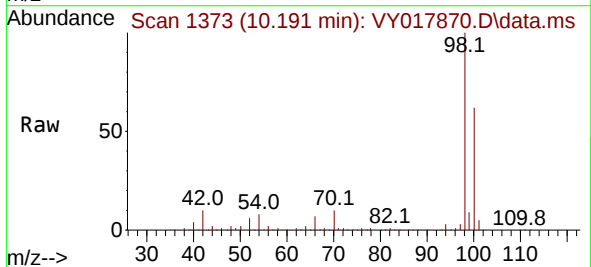
Instrument :
 MSVOA_Y
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 WC7-GRAB-12-13

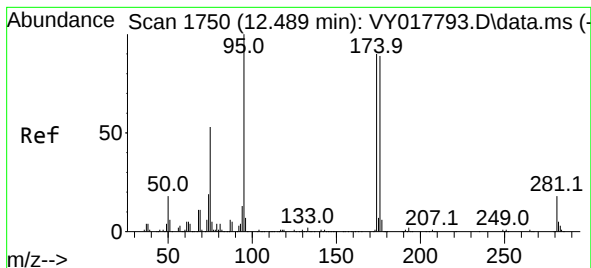
Tgt Ion:113	Resp:	72321	
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	19.9	15.9	23.9



#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

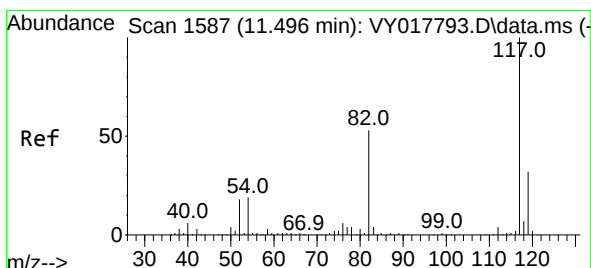
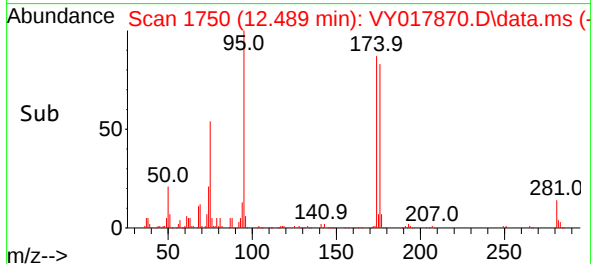
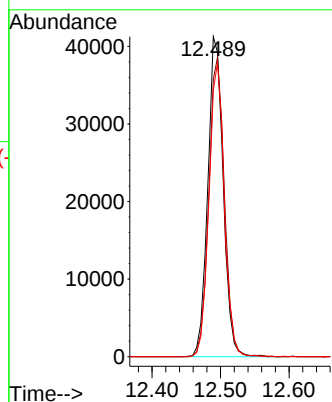
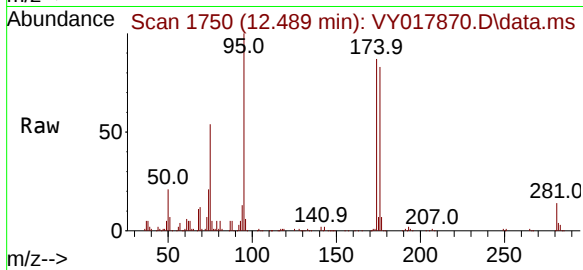




#62
4-Bromofluorobenzene
Concen: 45.223 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017870.D
Acq: 05 Apr 2024 14:54

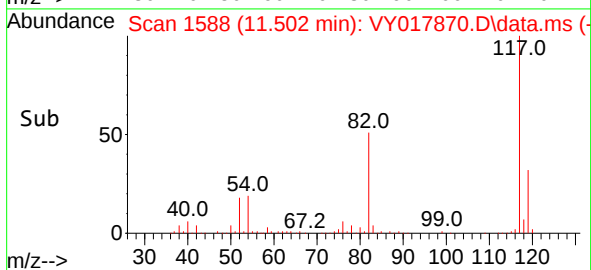
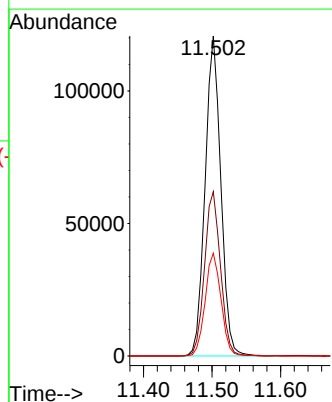
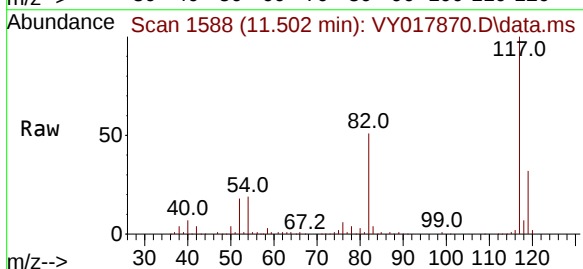
Instrument :
MSVOA_Y
ClientSampleId :
WC7-GRAB-12-13

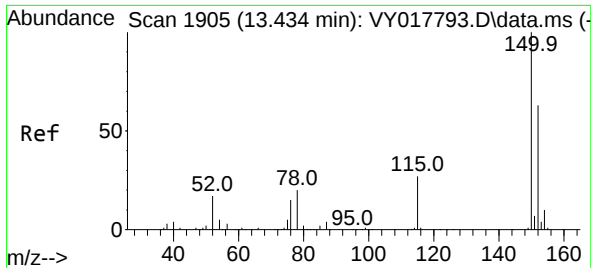
Tgt Ion: 95 Resp: 64577
Ion Ratio Lower Upper
95 100
174 94.5 0.0 175.6
176 91.2 0.0 171.4



#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

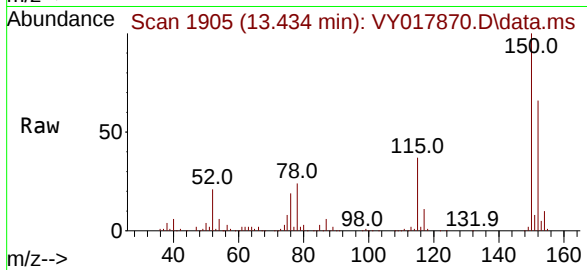
Acq: 05 Apr 2024 14:54

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

