

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017852.D
 Acq On : 04 Apr 2024 14:21
 Operator : SY/MD
 Sample : P1980-01RE
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1-GRAB-10-11RE

Quant Time: Apr 05 00:47:22 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)

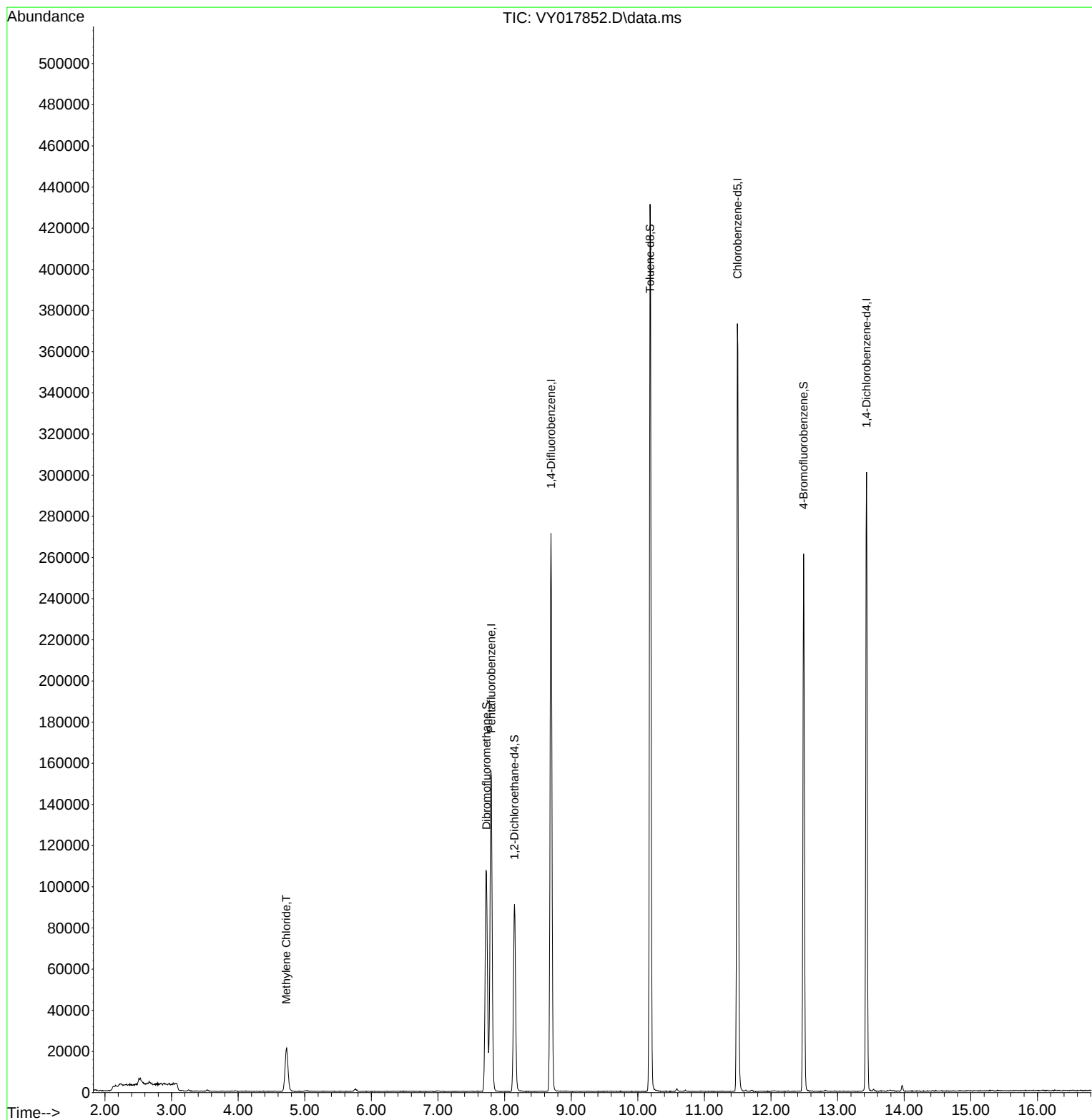
Internal Standards						
1) Pentafluorobenzene	7.801	168	124622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	212596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71589	66.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.760%
35) Dibromofluoromethane	7.728	113	76602	56.075	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.140%
50) Toluene-d8	10.185	98	277397	54.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.489	95	70439	45.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.740%
Target Compounds						
20) Methylene Chloride	4.722	84	16851	10.224	ug/l	Qvalue 97

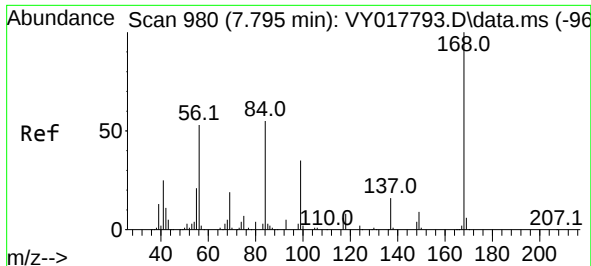
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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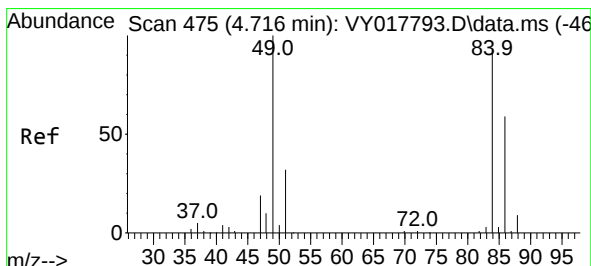
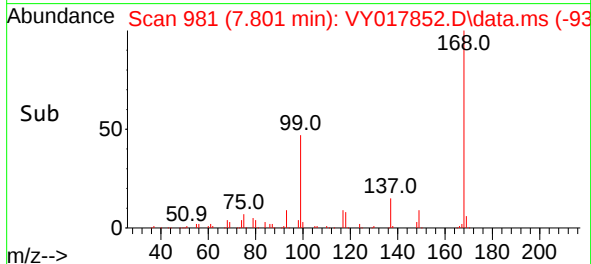
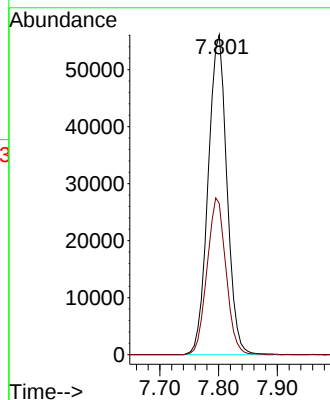
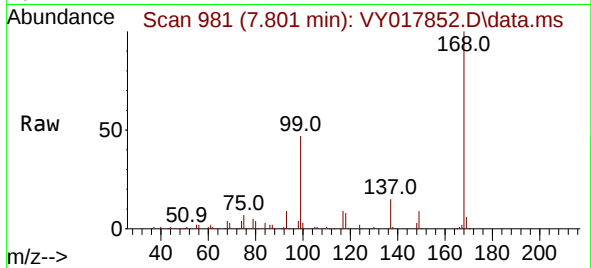




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017852.D
Acq: 04 Apr 2024 14:21

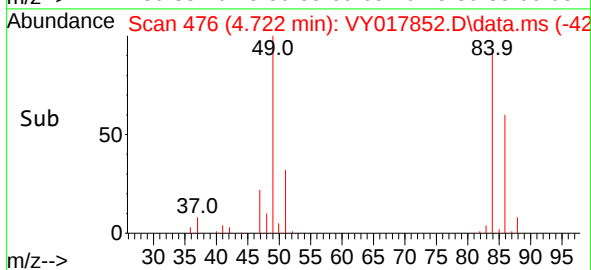
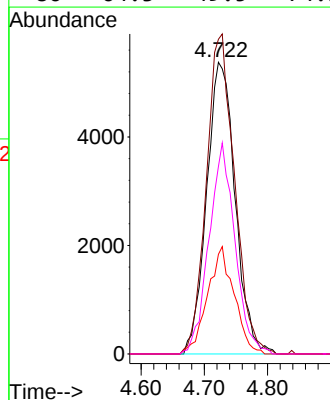
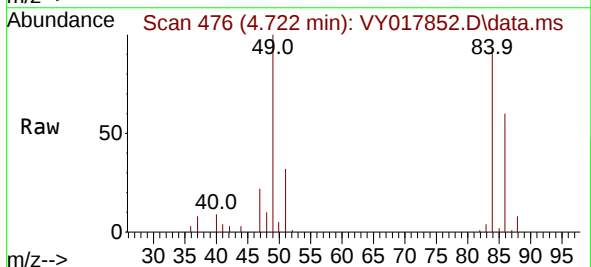
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11RE

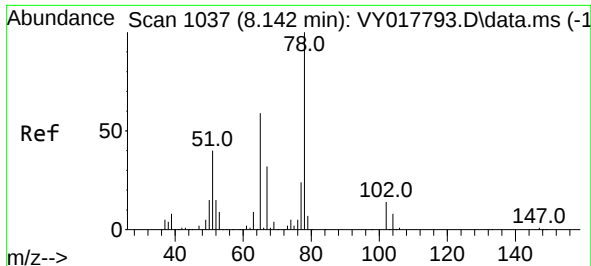
Tgt Ion:168 Resp: 124622
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#20
Methylene Chloride
Concen: 10.224 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017852.D
Acq: 04 Apr 2024 14:21

Tgt Ion: 84 Resp: 16851
Ion Ratio Lower Upper
84 100
49 107.9 84.4 126.6
51 34.2 26.0 39.0
86 64.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 66.384 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017852.D

Acq: 04 Apr 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

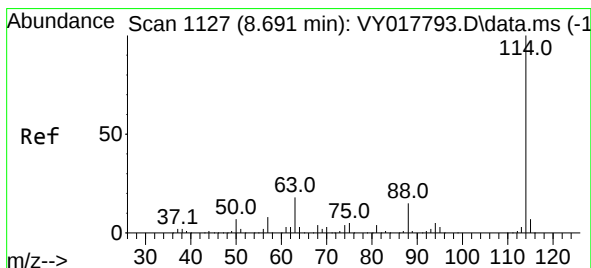
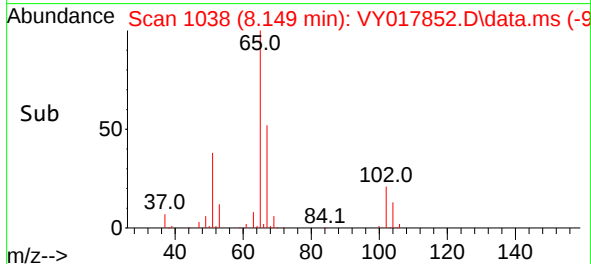
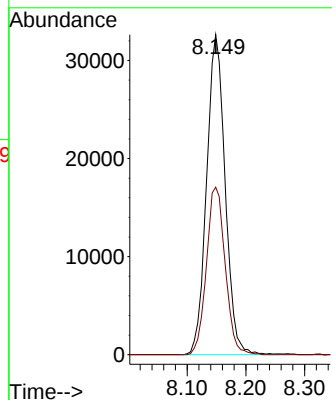
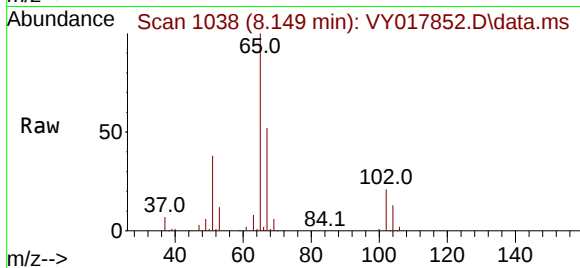
WC1-GRAB-10-11RE

Tgt Ion: 65 Resp: 71589

Ion Ratio Lower Upper

65 100

67 52.9 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: VY017852.D

Acq: 04 Apr 2024 14:21

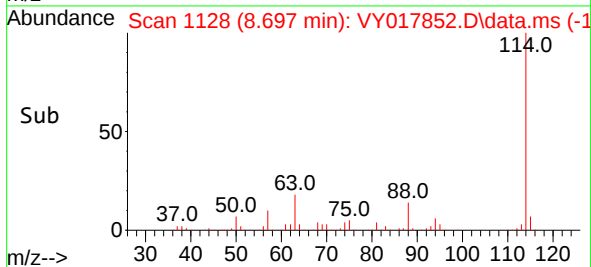
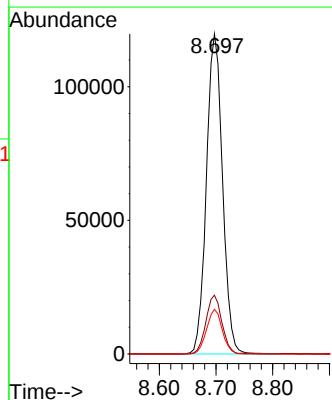
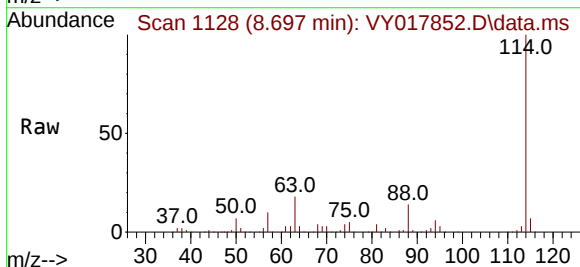
Tgt Ion:114 Resp: 236407

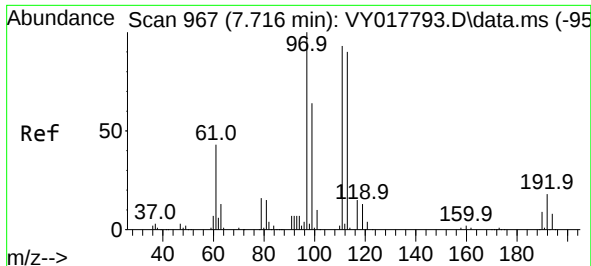
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.0 0.0 27.2

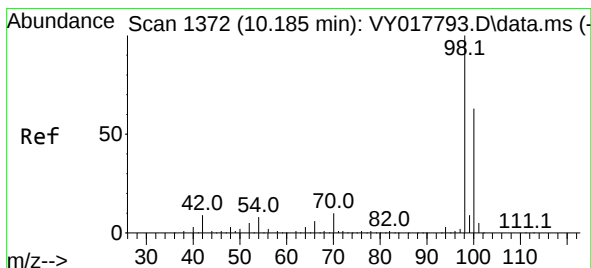
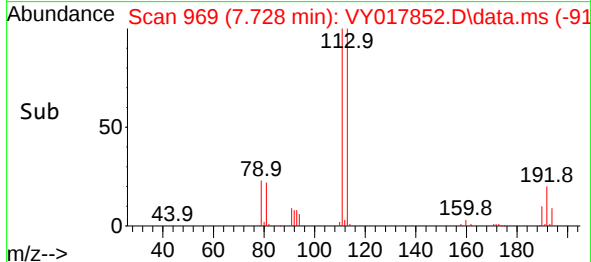
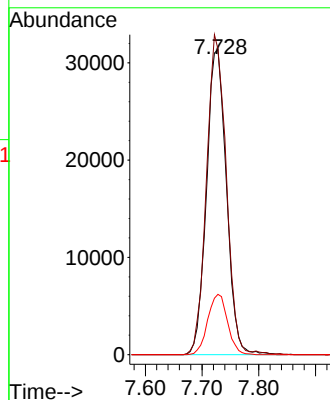
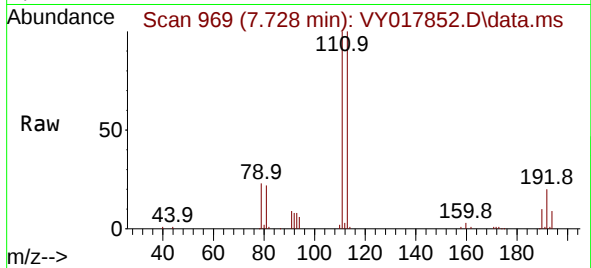




#35
Dibromofluoromethane
Concen: 56.075 ug/l
RT: 7.728 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017852.D
Acq: 04 Apr 2024 14:21

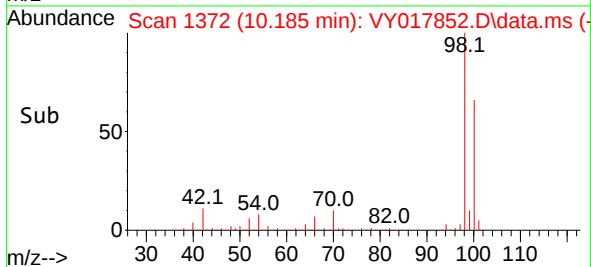
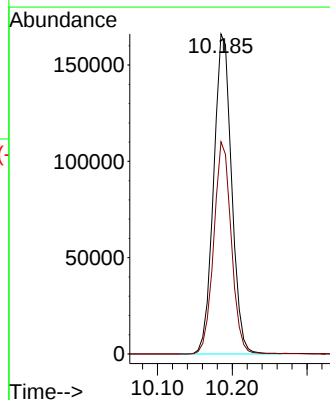
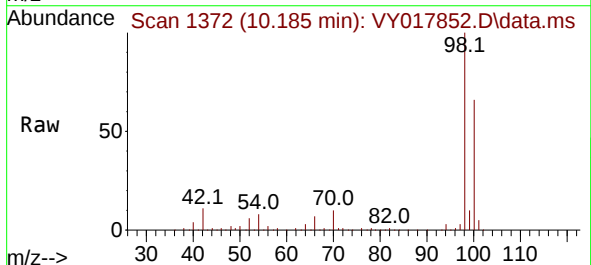
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11RE

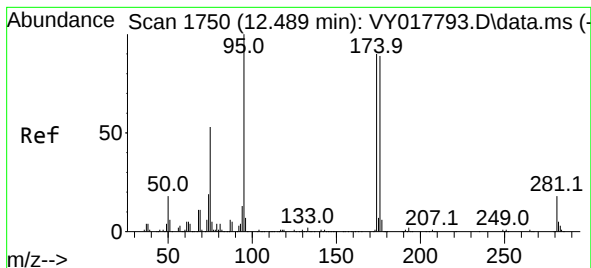
Tgt Ion:113 Resp: 76602
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 54.361 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017852.D
Acq: 04 Apr 2024 14:21

Tgt Ion: 98 Resp: 277397
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

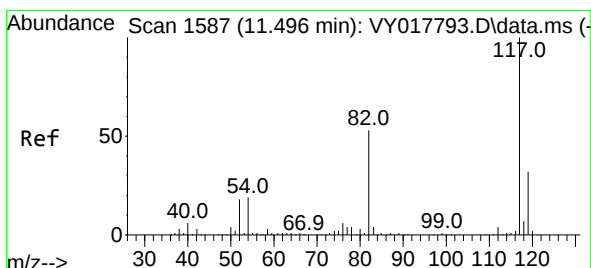
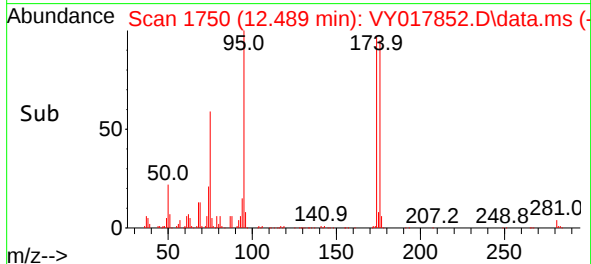
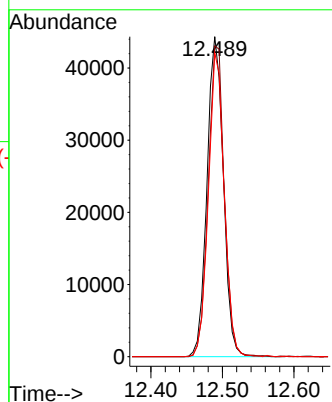
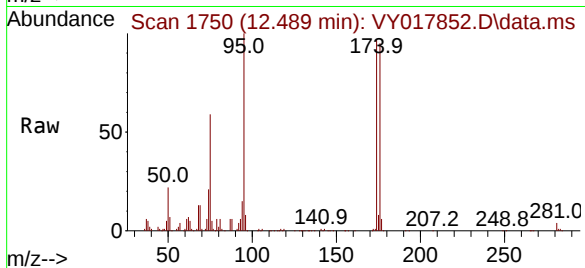




#62
4-Bromofluorobenzene
Concen: 45.370 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017852.D
Acq: 04 Apr 2024 14:21

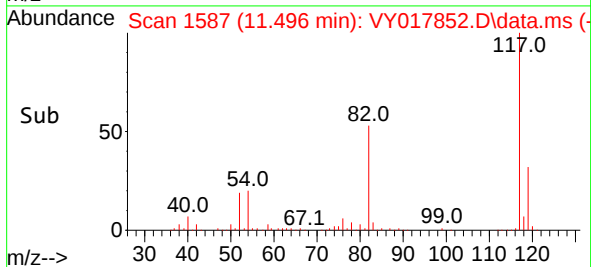
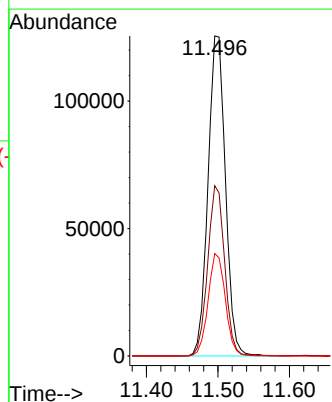
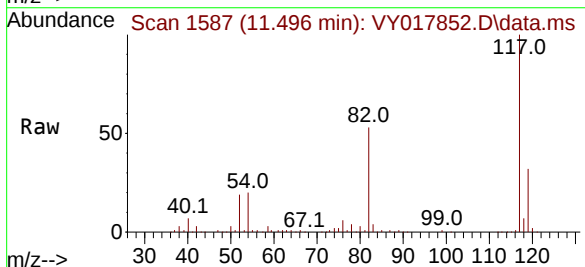
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11RE

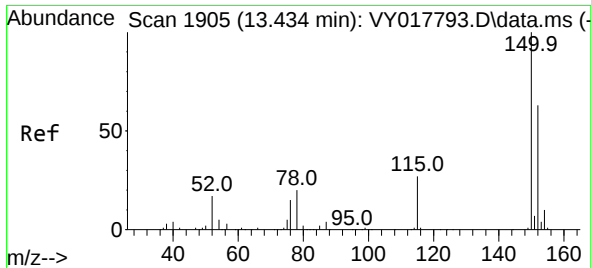
Tgt Ion: 95 Resp: 70439
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017852.D
Acq: 04 Apr 2024 14:21

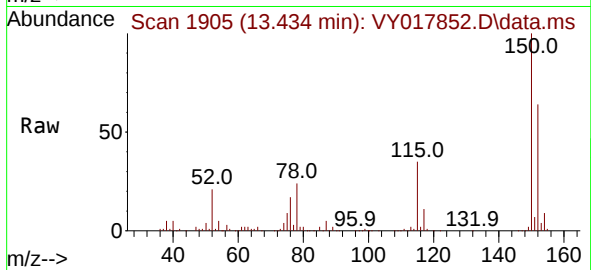
Tgt Ion: 117 Resp: 212596
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017852.D
 Acq: 04 Apr 2024 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1-GRAB-10-11RE



Tgt Ion:152 Resp: 78565
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.2 84.7
 150 155.0 0.0 345.6

