

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018305.D
 Acq On : 17 May 2024 13:58
 Operator : SY/MD
 Sample : P2476-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-GRAB

Quant Time: May 18 00:49:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

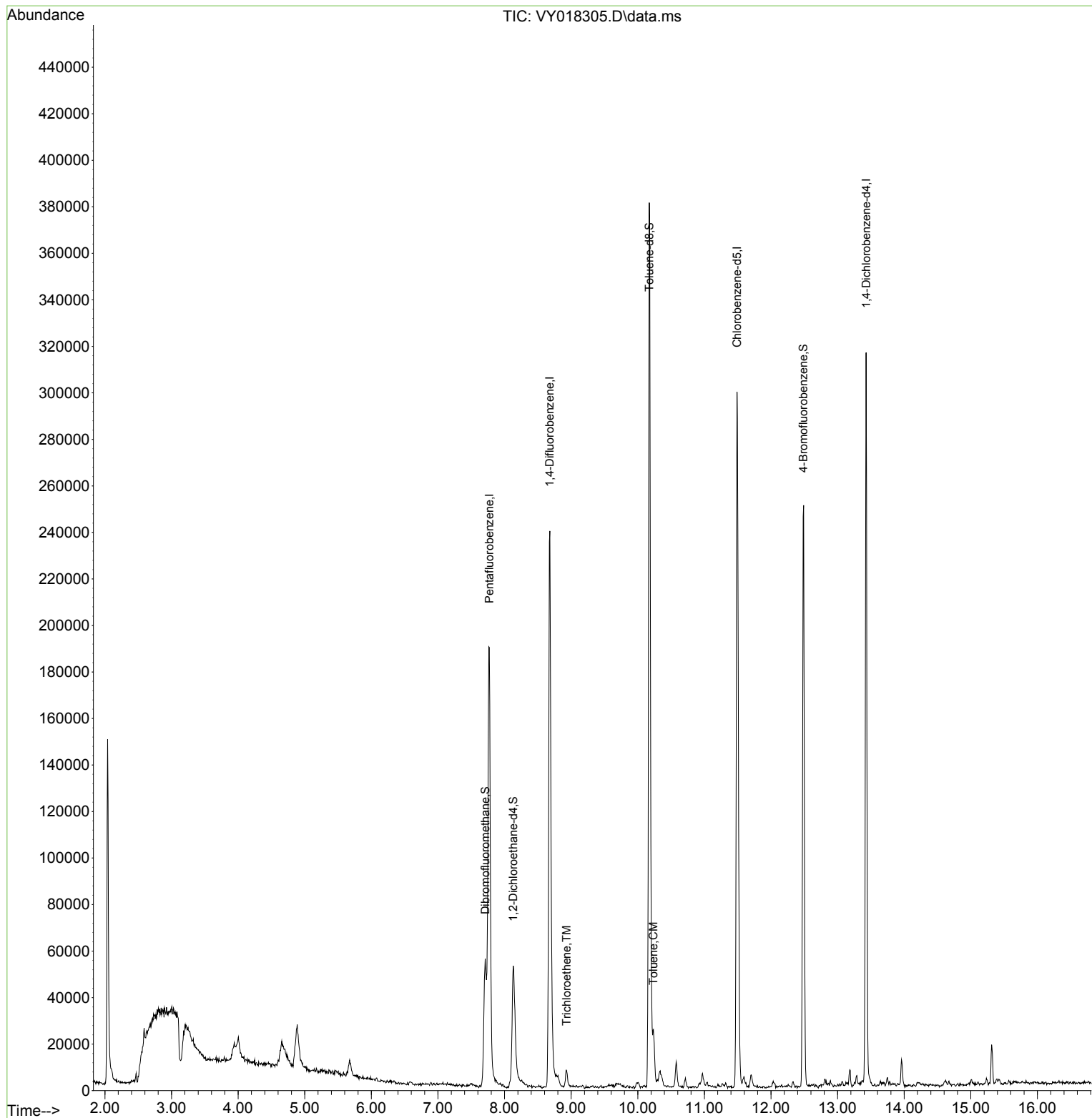
Internal Standards						
1) Pentafluorobenzene	7.771	168	154204	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.679	114	265788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55150	48.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.710	113	59218	42.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.780%
50) Toluene-d8	10.173	98	299702	54.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.900%
62) 4-Bromofluorobenzene	12.483	95	80811	45.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.920%
Target Compounds						
					Qvalue	
44) Trichloroethene	8.929	130	2712	1.547	ug/l	99
52) Toluene	10.234	92	5625	1.357	ug/l	89

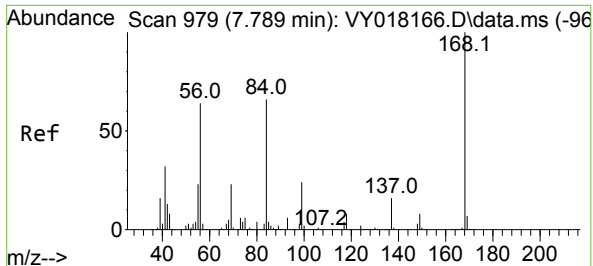
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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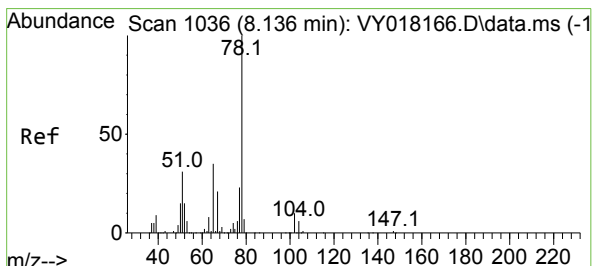
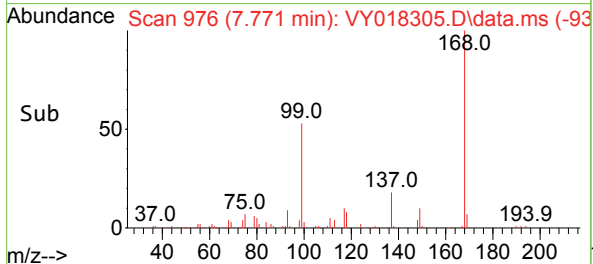
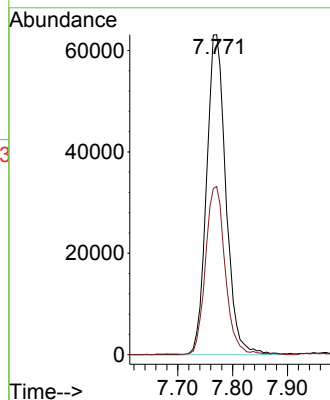
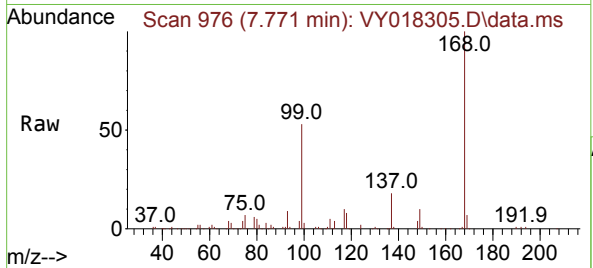




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY018305.D
Acq: 17 May 2024 13:58

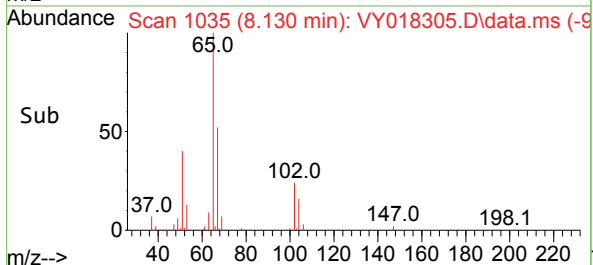
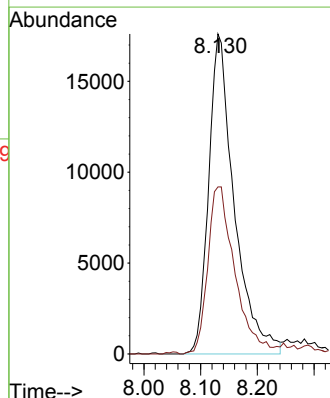
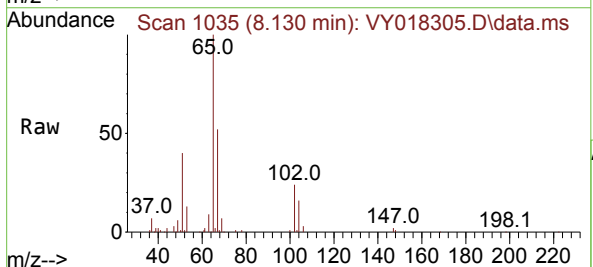
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

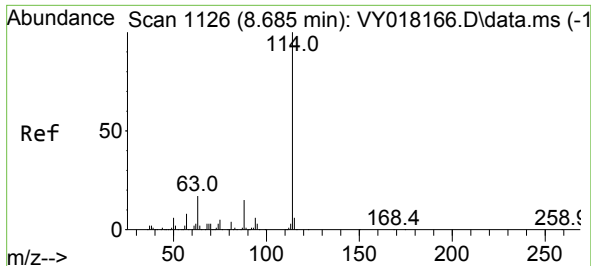
Tgt Ion:168 Resp: 154204
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.615 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018305.D
Acq: 17 May 2024 13:58

Tgt Ion: 65 Resp: 55150
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

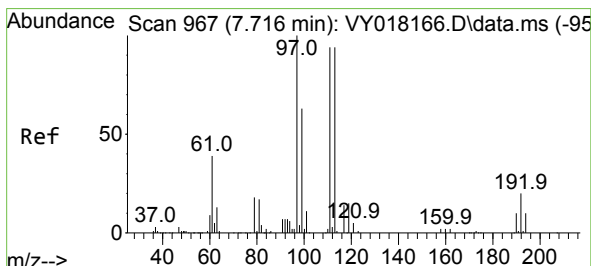
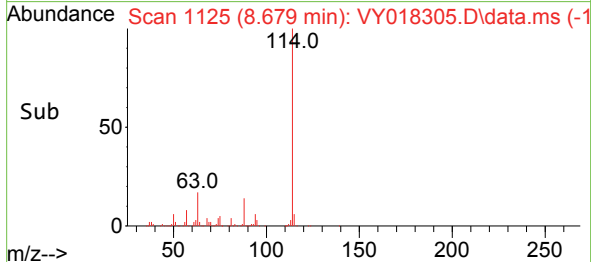
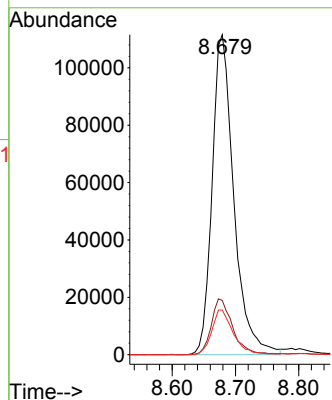
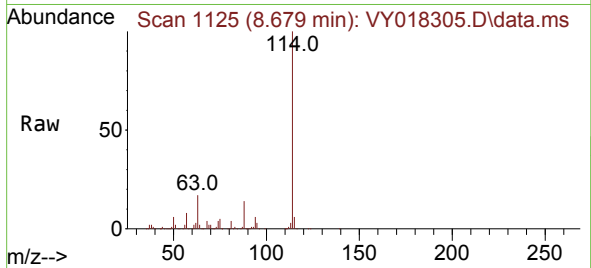




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018305.D
Acq: 17 May 2024 13:58

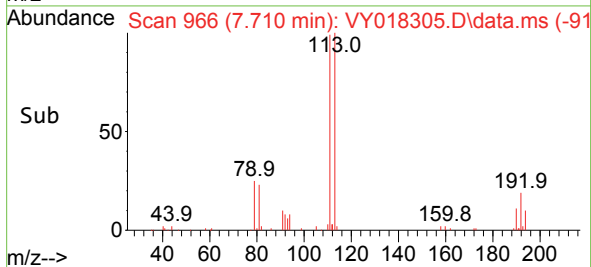
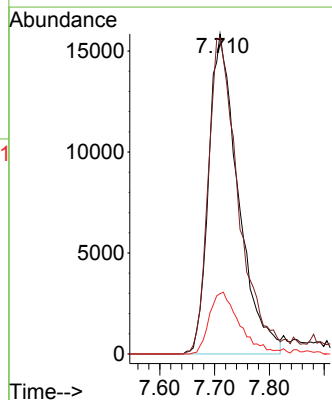
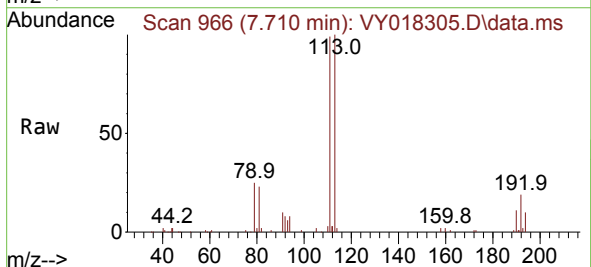
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

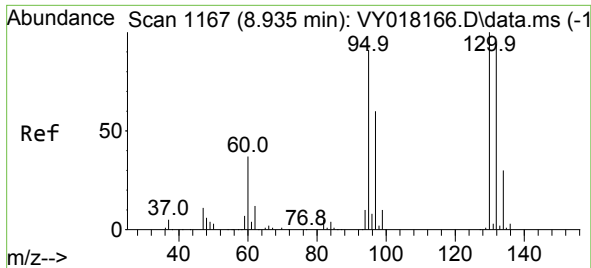
Tgt Ion:114 Resp: 265788
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 42.394 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018305.D
Acq: 17 May 2024 13:58

Tgt Ion:113 Resp: 59218
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.5 15.9 23.9

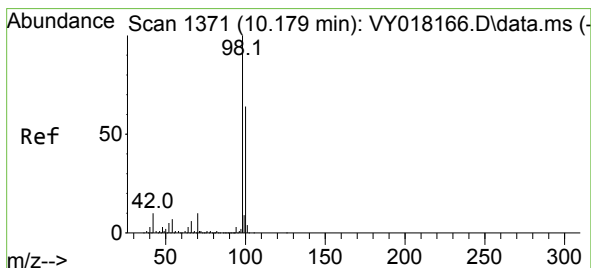
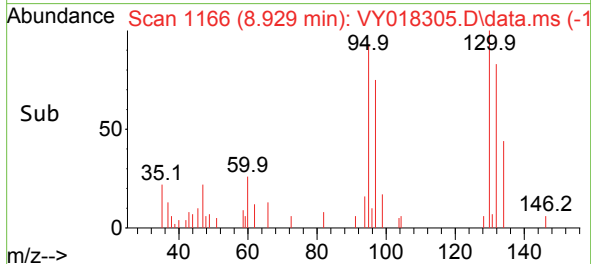
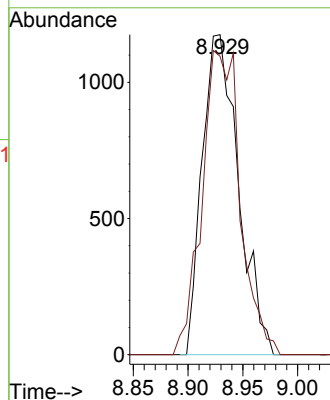
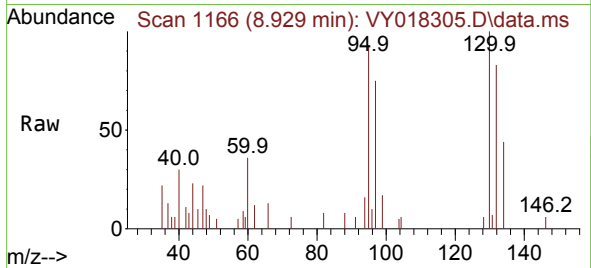




#44
Trichloroethene
Concen: 1.547 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY018305.D
Acq: 17 May 2024 13:58

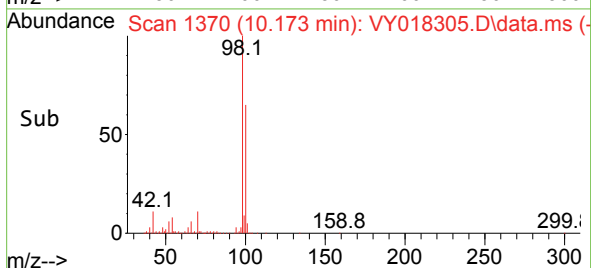
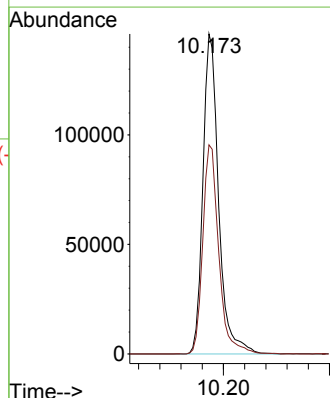
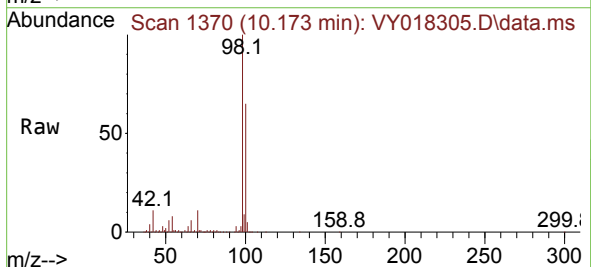
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

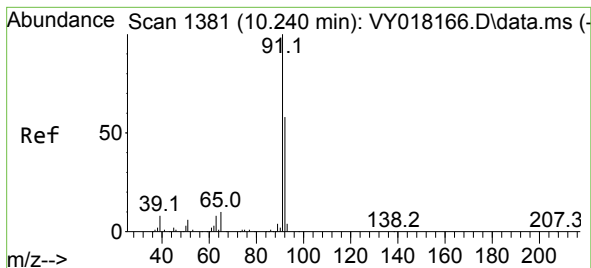
Tgt Ion:130 Resp: 2712
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.0



#50
Toluene-d8
Concen: 54.447 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY018305.D
Acq: 17 May 2024 13:58

Tgt Ion: 98 Resp: 299702
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0





#52

Toluene

Concen: 1.357 ug/l

RT: 10.234 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VY018305.D

Acq: 17 May 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

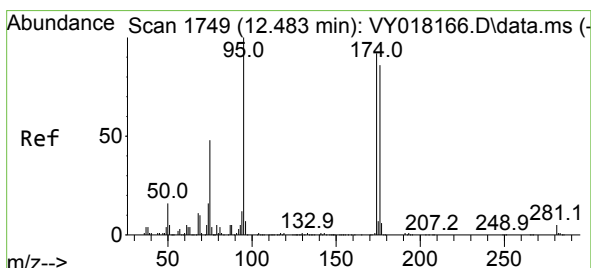
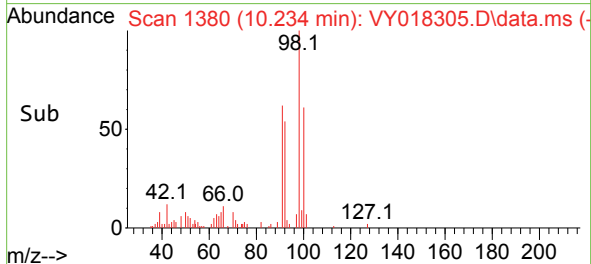
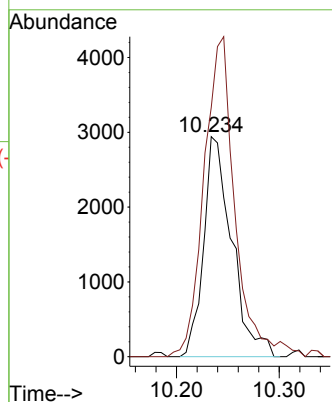
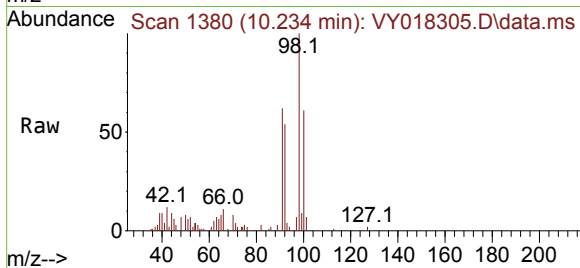
WC-1-GRAB

Tgt Ion: 92 Resp: 5625

Ion Ratio Lower Upper

92 100

91 159.0 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 45.461 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018305.D

Acq: 17 May 2024 13:58

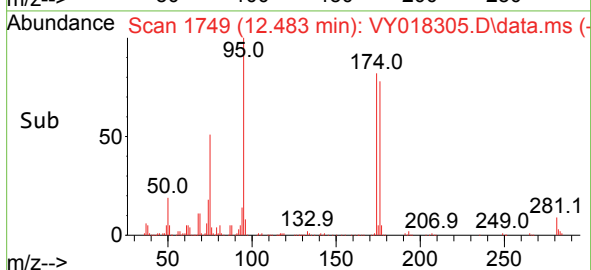
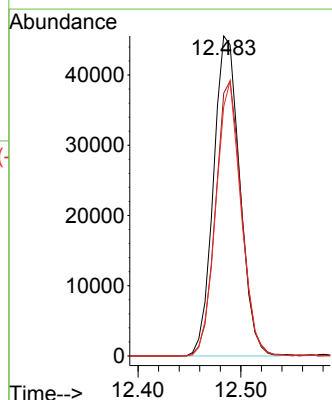
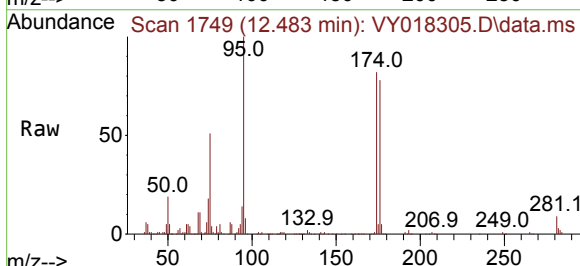
Tgt Ion: 95 Resp: 80811

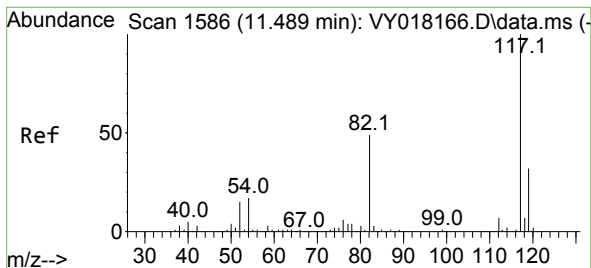
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 82.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018305.D

Acq: 17 May 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-GRAB

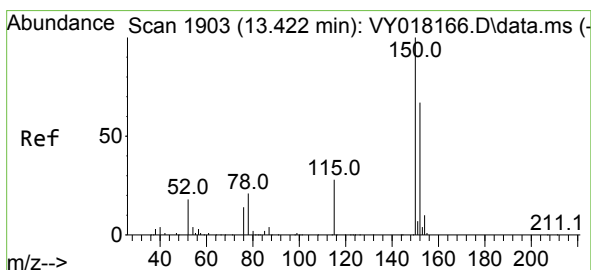
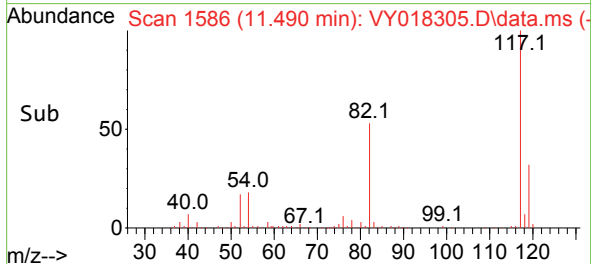
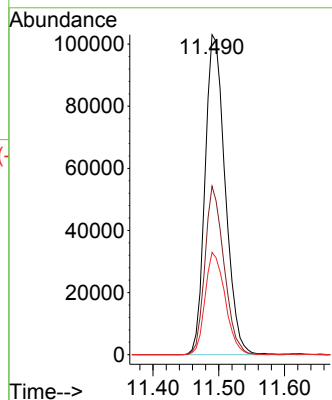
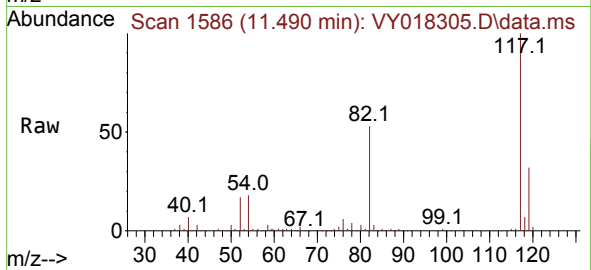
Tgt Ion:117 Resp: 219228

Ion Ratio Lower Upper

117 100

82 52.7 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018305.D

Acq: 17 May 2024 13:58

Tgt Ion:152 Resp: 80994

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 154.7 0.0 345.6

