

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018618.D
 Acq On : 17 Jun 2024 19:32
 Operator : SY/MD
 Sample : P2915-02
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOUTH-1

Quant Time: Jun 18 01:28:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

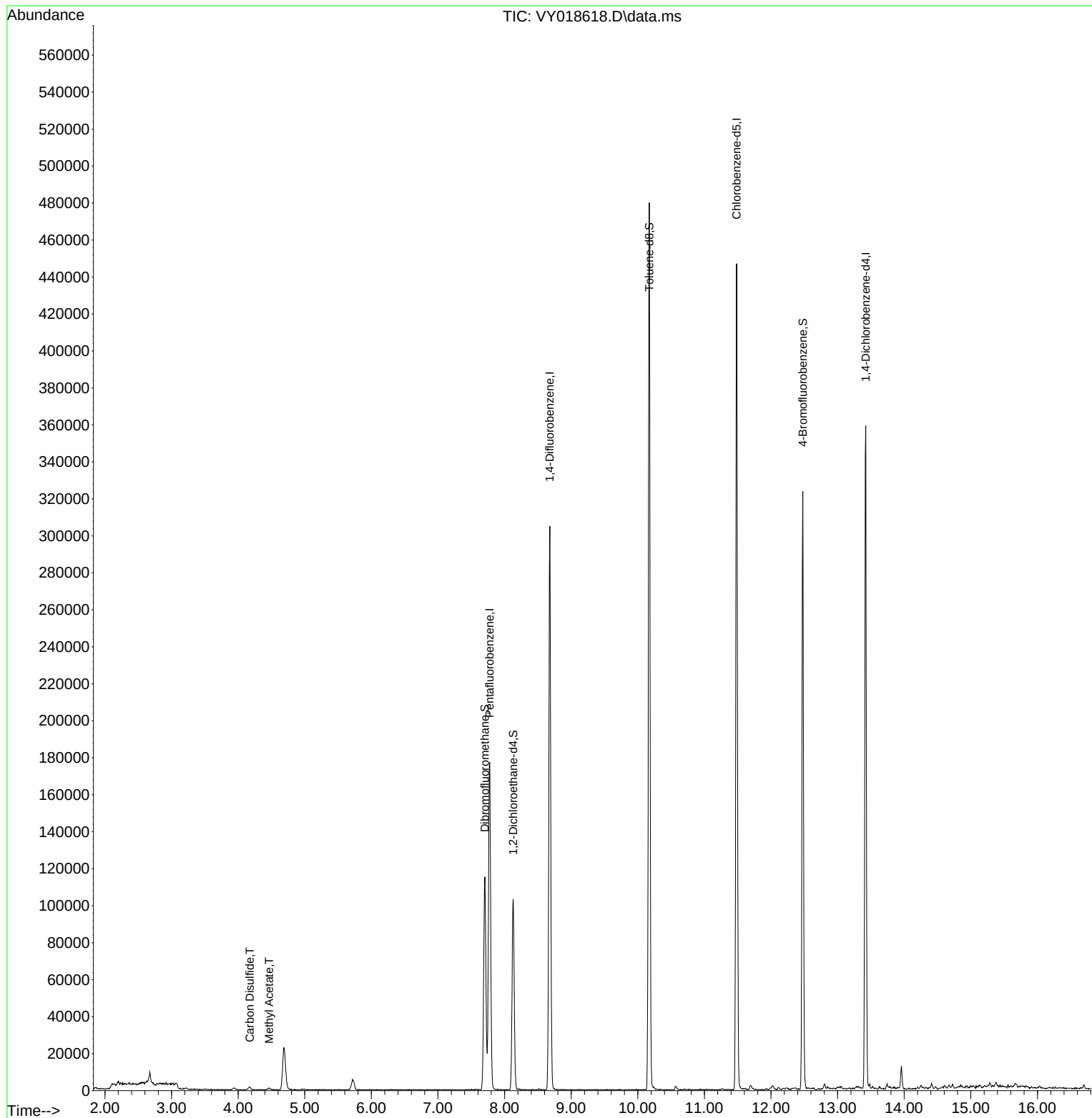
Internal Standards						
1) Pentafluorobenzene	7.777	168	136619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	258580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	241730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	78160	56.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.640%
35) Dibromofluoromethane	7.704	113	79840	50.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.173	98	310368	51.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.477	95	92732	48.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.820%
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.174	76	3514	3.072	ug/l #	94
18) Methyl Acetate	4.466	43	1676	2.361	ug/l #	86

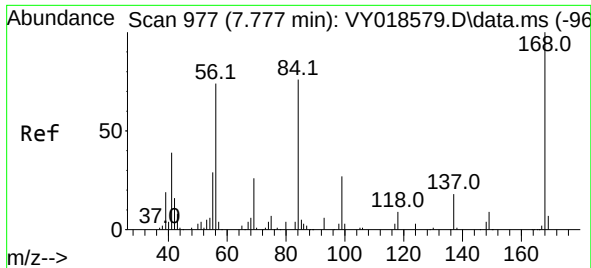
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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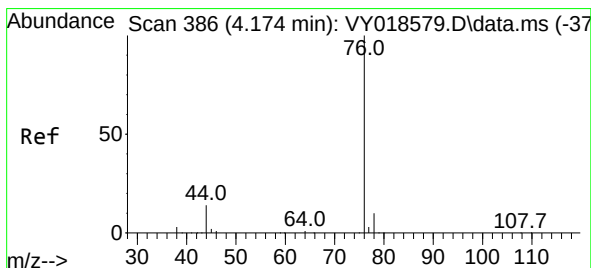
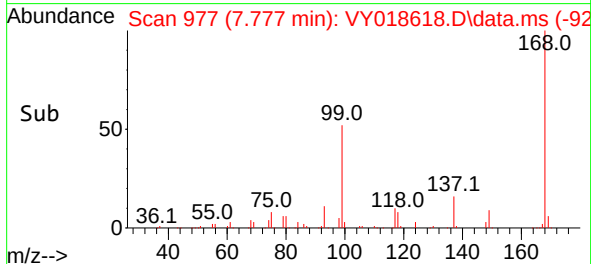
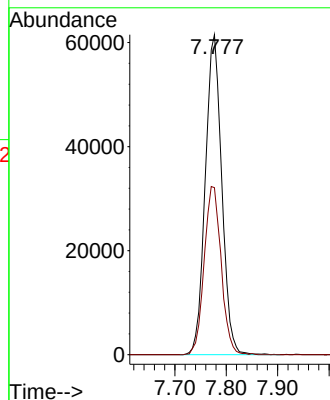
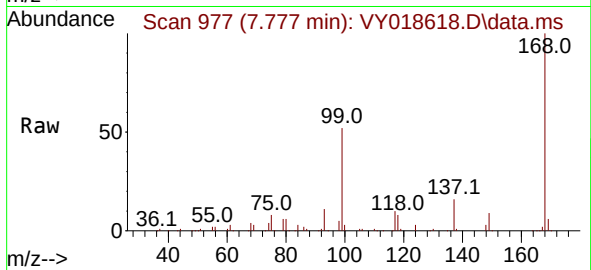




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018618.D
Acq: 17 Jun 2024 19:32

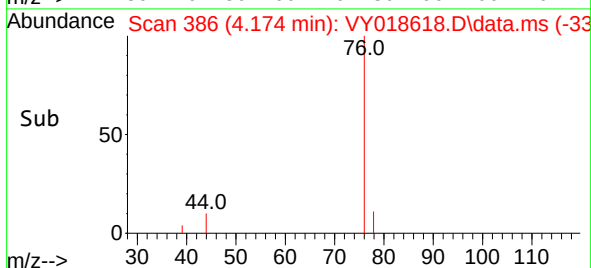
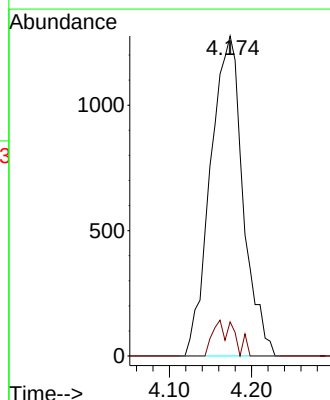
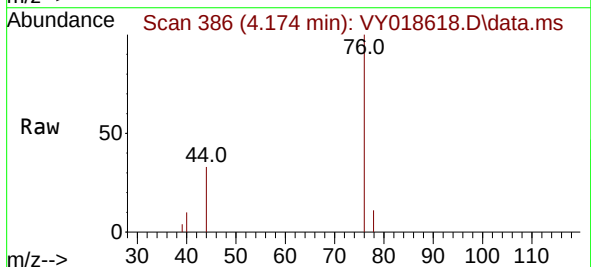
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOUTH-1

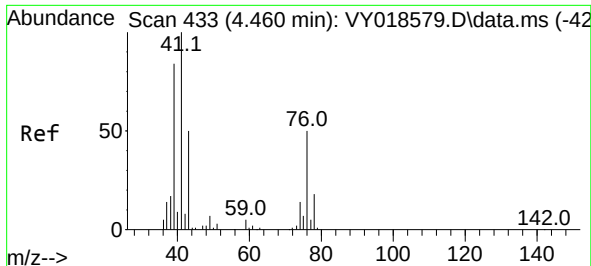
Tgt Ion:168 Resp: 136619
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#17
Carbon Disulfide
Concen: 3.072 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018618.D
Acq: 17 Jun 2024 19:32

Tgt Ion: 76 Resp: 3514
Ion Ratio Lower Upper
76 100
78 10.7 6.8 10.2#

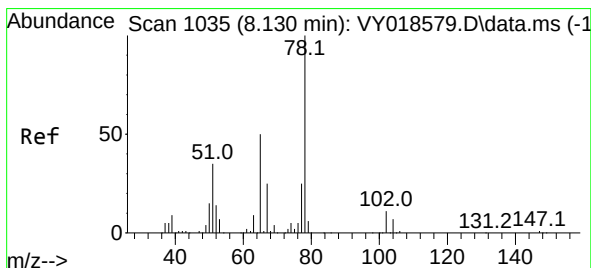
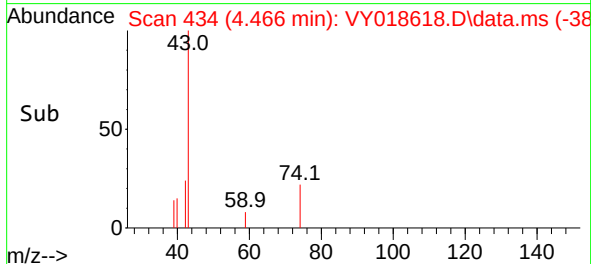
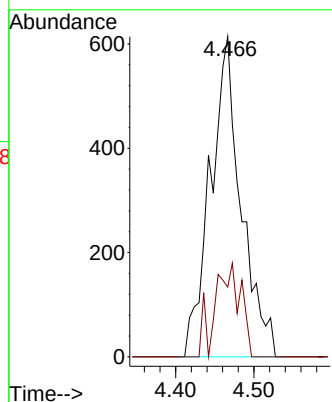
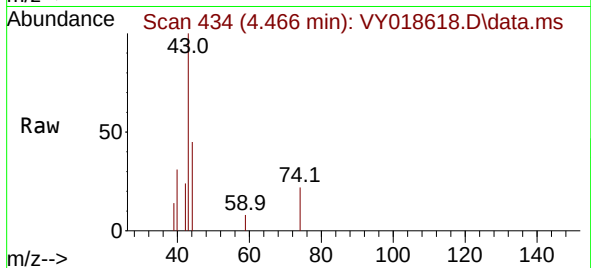




#18
Methyl Acetate
Concen: 2.361 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018618.D
Acq: 17 Jun 2024 19:32

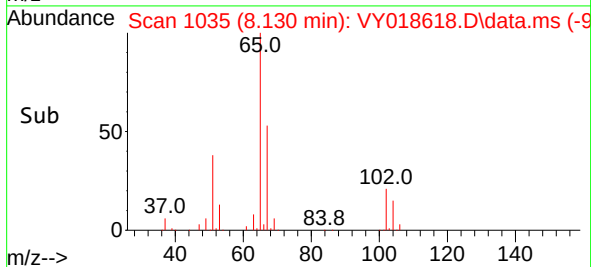
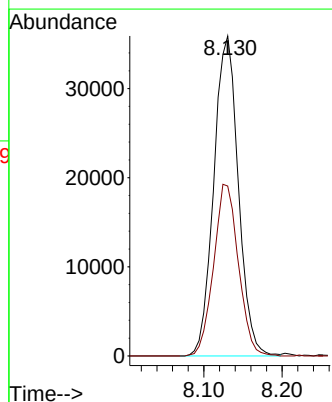
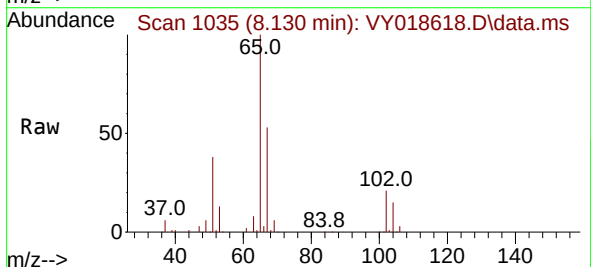
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOUTH-1

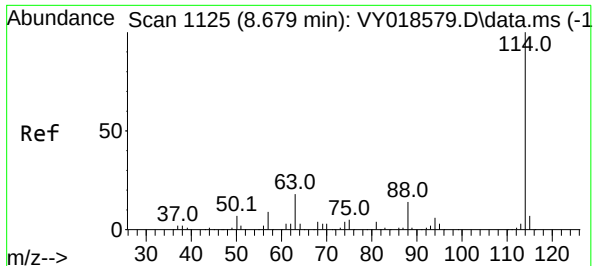
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
74 21.7 23.3 34.9#



#33
1,2-Dichloroethane-d4
Concen: 56.824 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018618.D
Acq: 17 Jun 2024 19:32

Tgt Ion: 65 Resp: 78160
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018618.D

Acq: 17 Jun 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOUTH-1

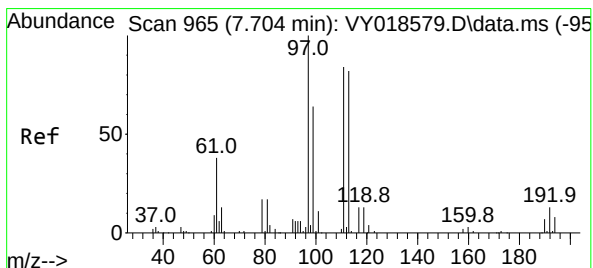
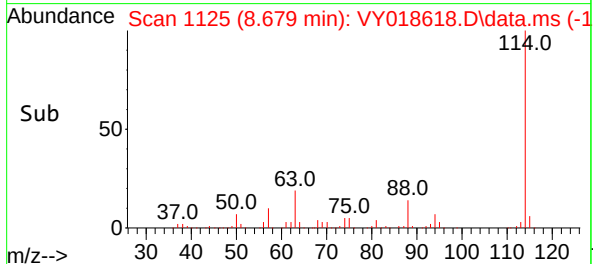
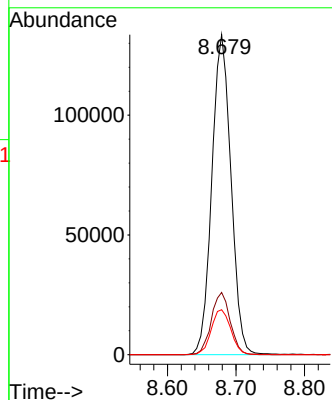
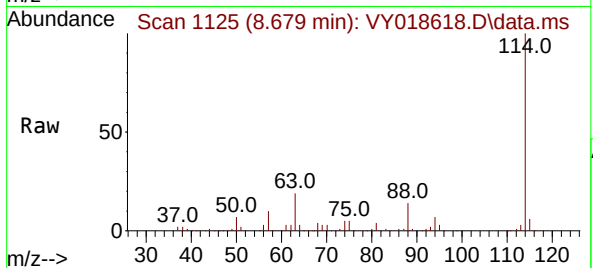
Tgt Ion:114 Resp: 258580

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.615 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018618.D

Acq: 17 Jun 2024 19:32

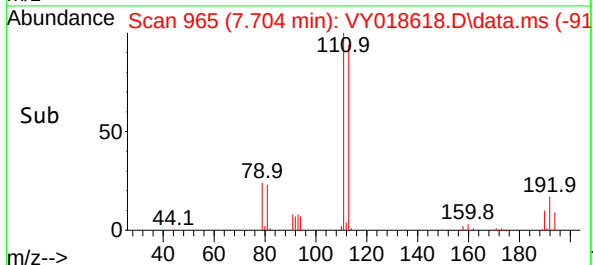
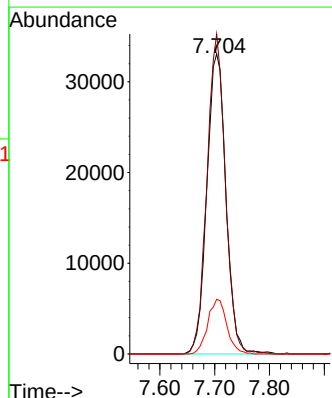
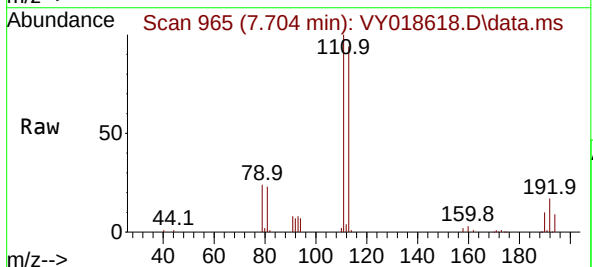
Tgt Ion:113 Resp: 79840

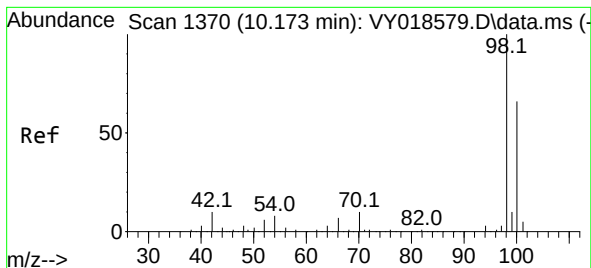
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 18.2 15.9 23.9





#50

Toluene-d8

Concen: 51.165 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018618.D

Acq: 17 Jun 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

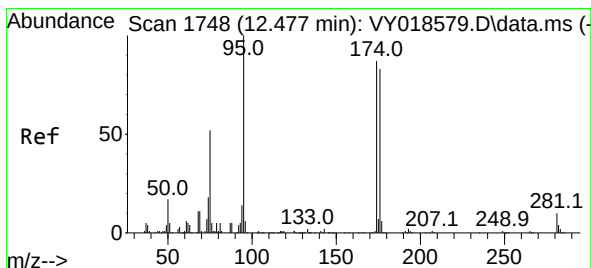
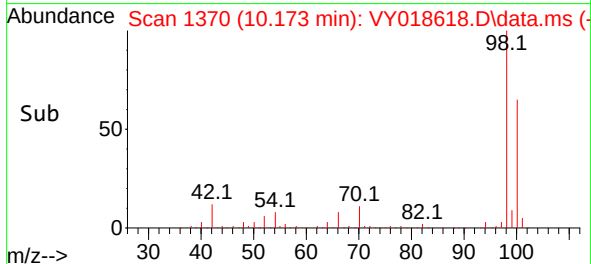
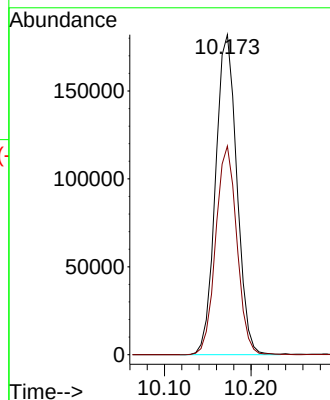
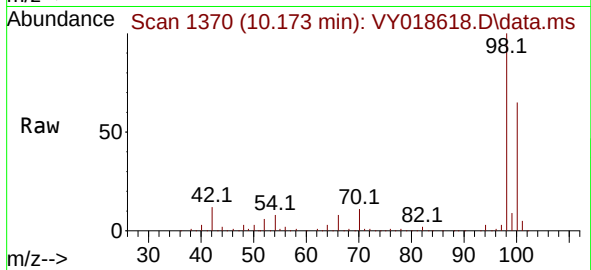
WC-SOUTH-1

Tgt Ion: 98 Resp: 310368

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.412 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018618.D

Acq: 17 Jun 2024 19:32

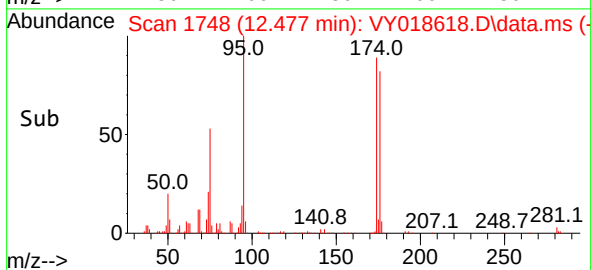
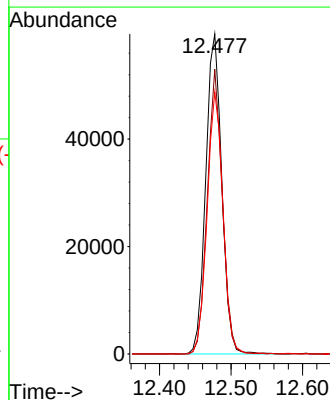
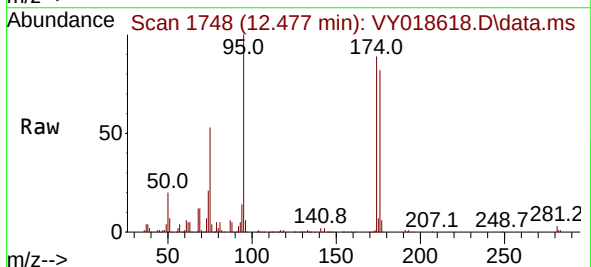
Tgt Ion: 95 Resp: 92732

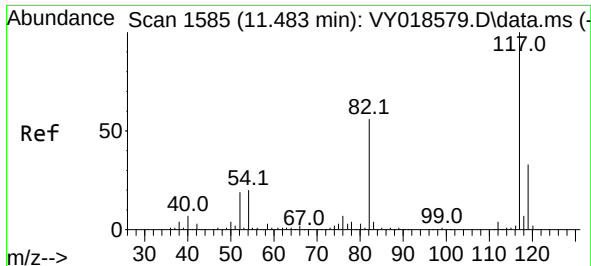
Ion Ratio Lower Upper

95 100

174 83.9 0.0 175.6

176 81.1 0.0 171.4

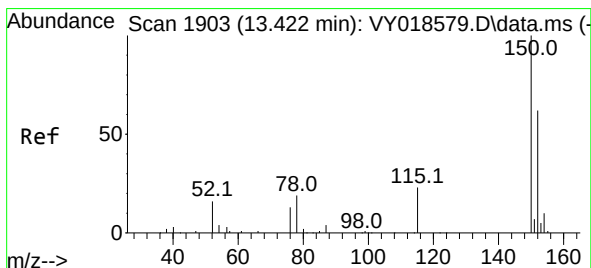
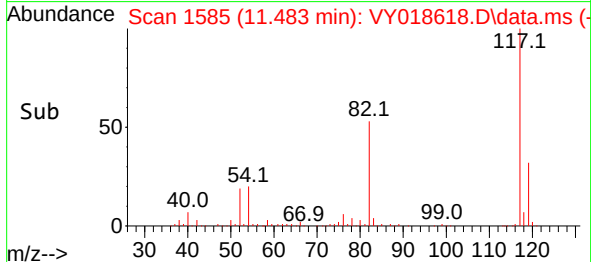
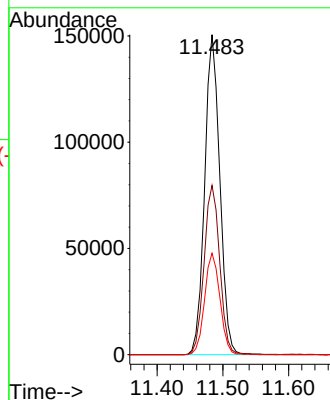
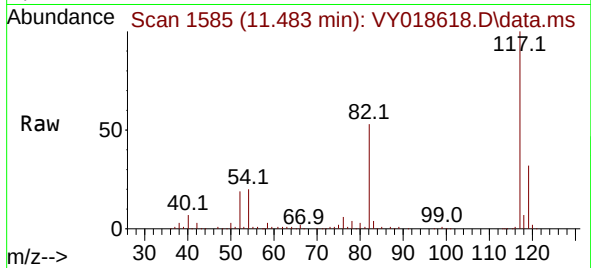




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018618.D
Acq: 17 Jun 2024 19:32

Instrument :
MSVOA_Y
ClientSampleId :
WC-SOUTH-1

Tgt Ion:117 Resp: 241730
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018618.D
Acq: 17 Jun 2024 19:32

Tgt Ion:152 Resp: 90710
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 155.9 0.0 345.6

