

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018598.D
 Acq On : 14 Jun 2024 16:34
 Operator : SY/MD
 Sample : P2864-03
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-H-VOC

Quant Time: Jun 14 23:24:50 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)

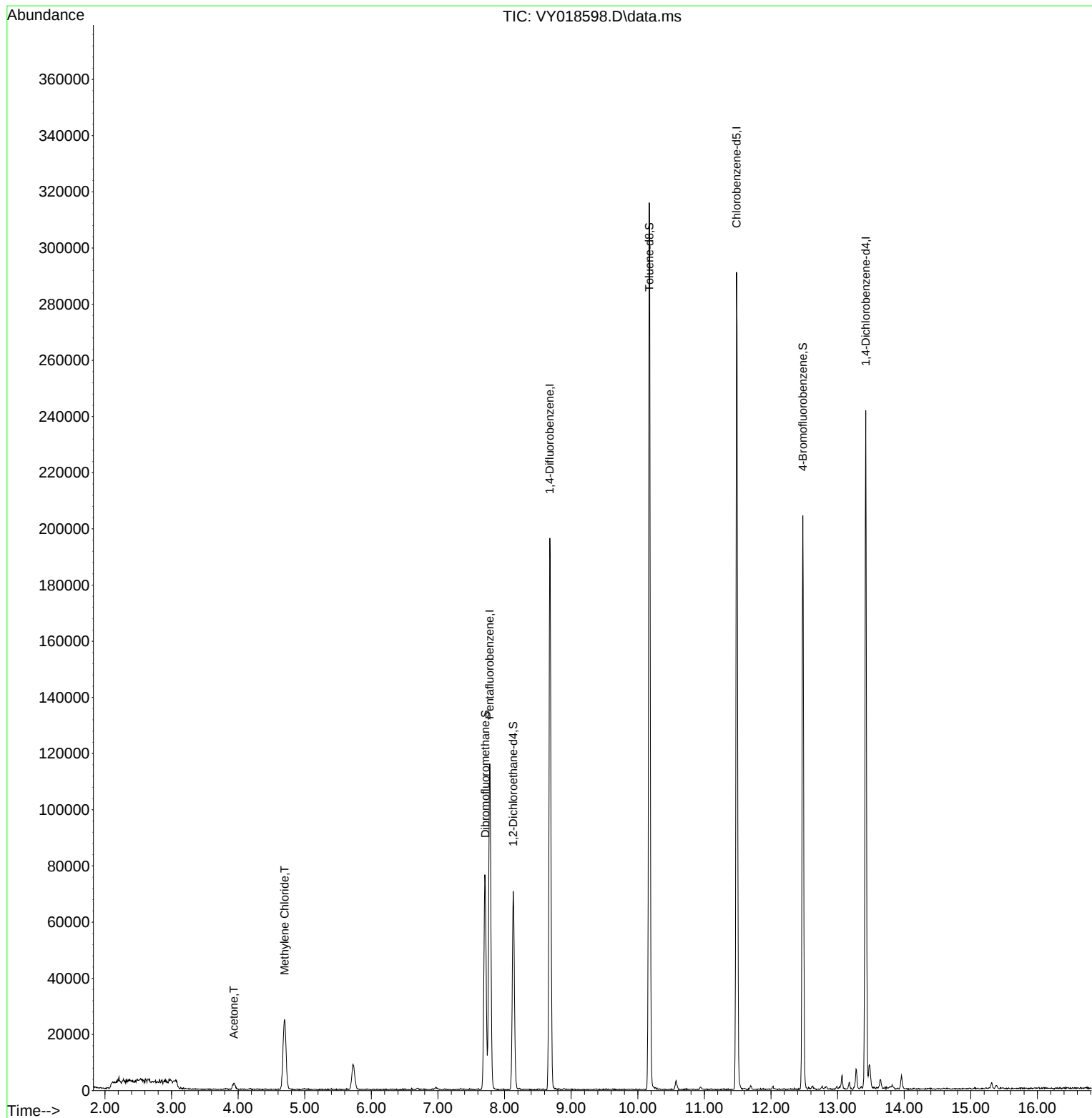
Internal Standards						
1) Pentafluorobenzene	7.777	168	89770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	169974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	157300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54711	60.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.060%	
35) Dibromofluoromethane	7.710	113	53465	51.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.120%	
50) Toluene-d8	10.173	98	202638	50.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.477	95	57828	45.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	4089	22.237	ug/l #	82
20) Methylene Chloride	4.698	84	19846	10.421	ug/l	98

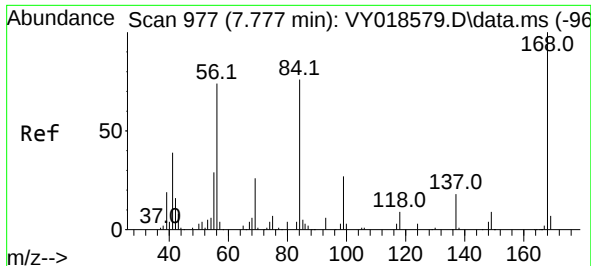
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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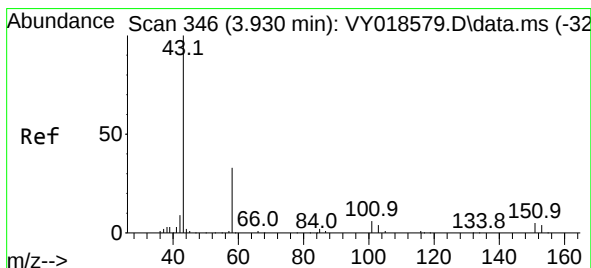
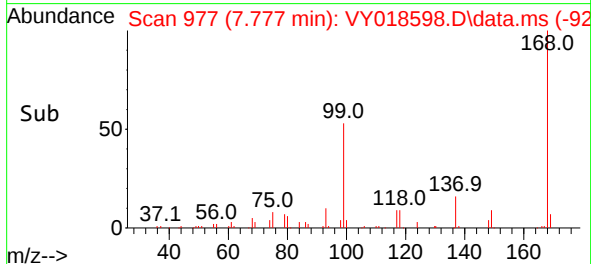
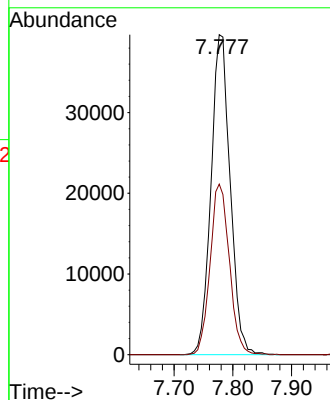
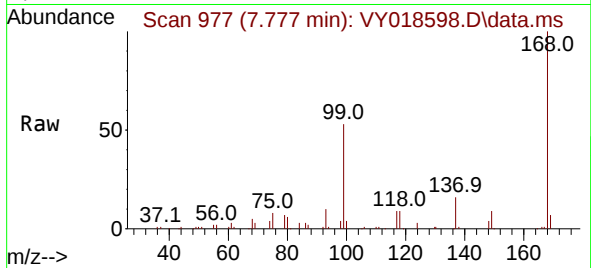




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

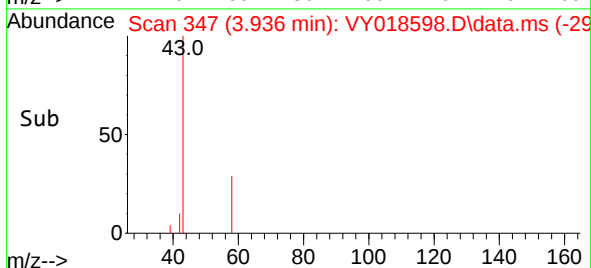
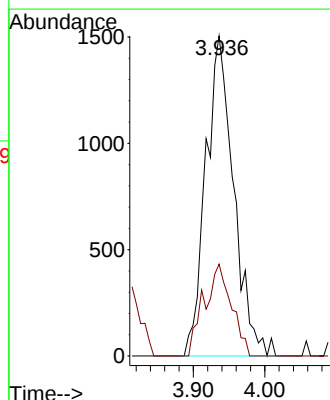
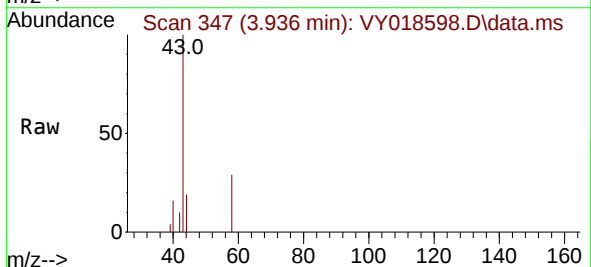
Instrument :
MSVOA_Y
ClientSampleId :
WC-H-VOC

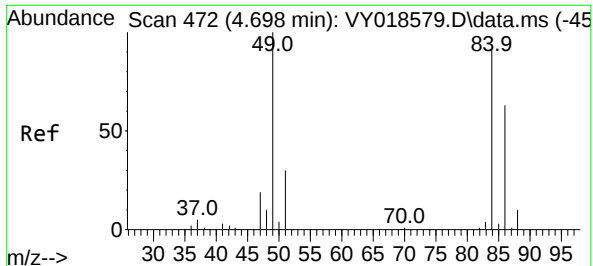
Tgt Ion:168 Resp: 89770
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#16
Acetone
Concen: 22.237 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion: 43 Resp: 4089
Ion Ratio Lower Upper
43 100
58 28.7 31.7 47.5#

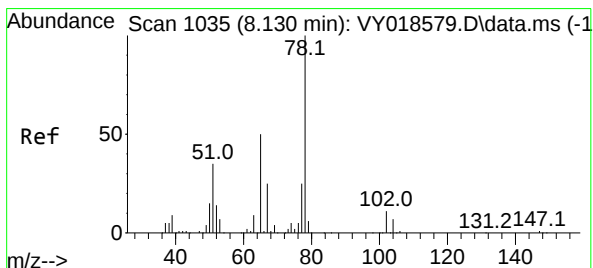
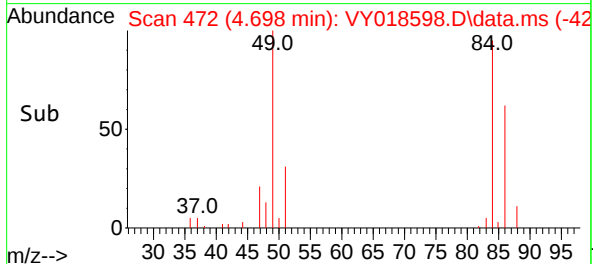
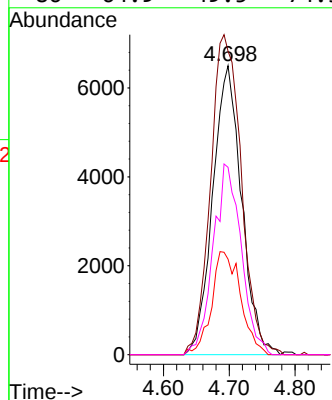
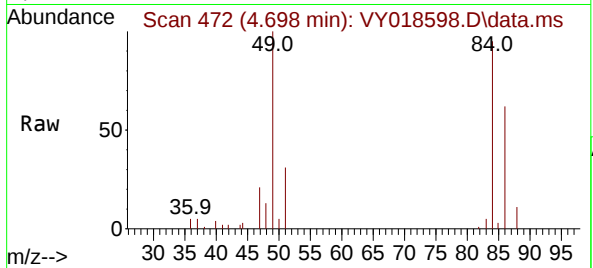




#20
Methylene Chloride
Concen: 10.421 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

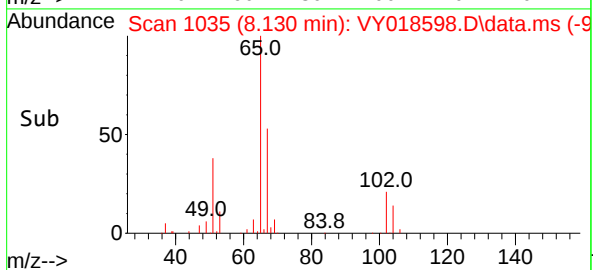
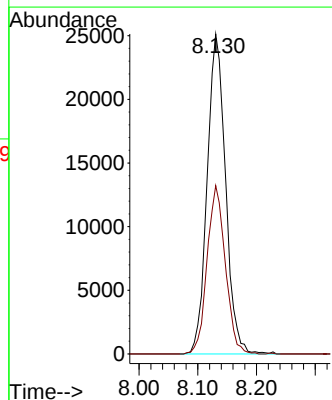
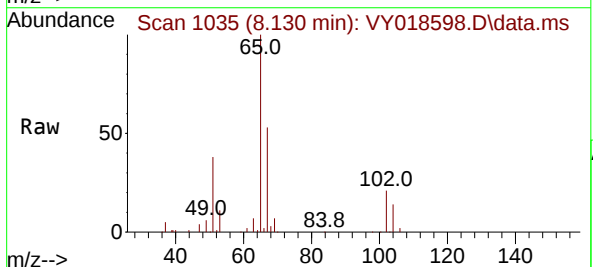
Instrument :
MSVOA_Y
ClientSampleId :
WC-H-VOC

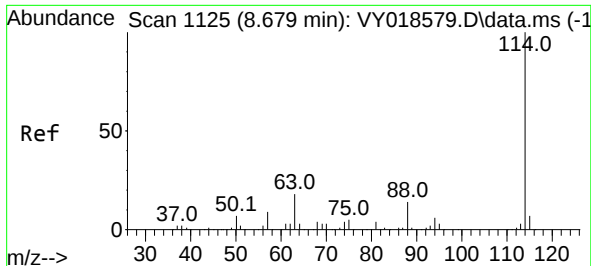
Tgt Ion:	84	Resp:	19846
Ion	Ratio	Lower	Upper
84	100		
49	105.0	84.4	126.6
51	33.1	26.0	39.0
86	64.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 60.535 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion:	65	Resp:	54711
Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: VY018598.D

Acq: 14 Jun 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

WC-H-VOC

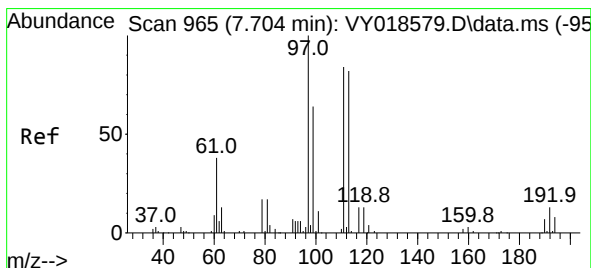
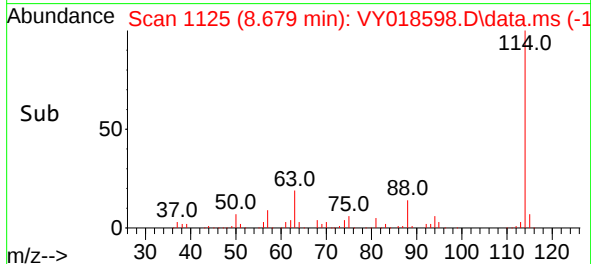
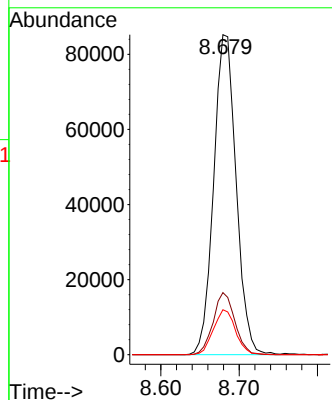
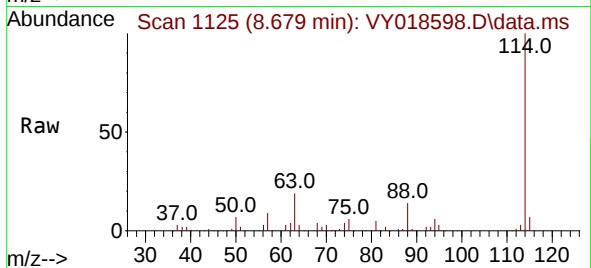
Tgt Ion:114 Resp: 169974

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.564 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018598.D

Acq: 14 Jun 2024 16:34

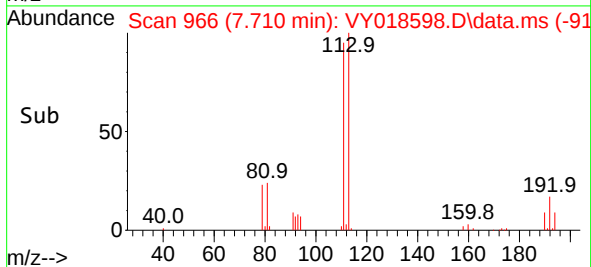
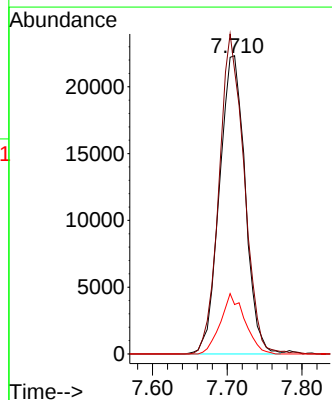
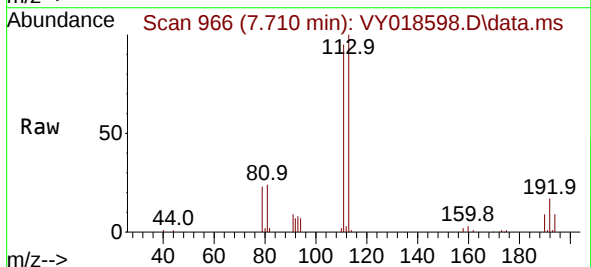
Tgt Ion:113 Resp: 53465

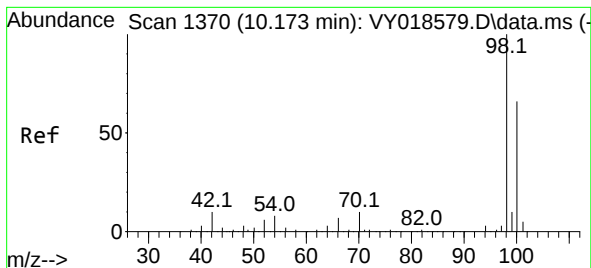
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.2 15.9 23.9





#50

Toluene-d8

Concen: 50.819 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018598.D

Acq: 14 Jun 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

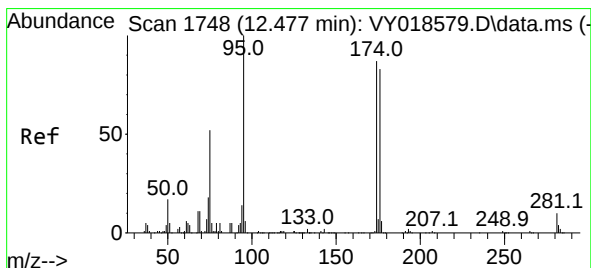
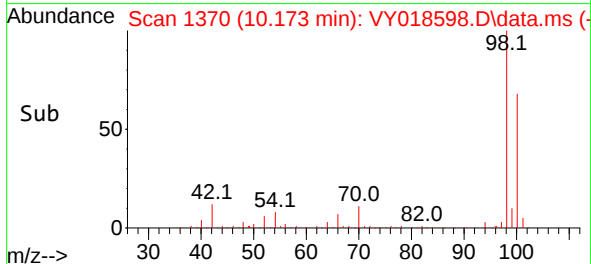
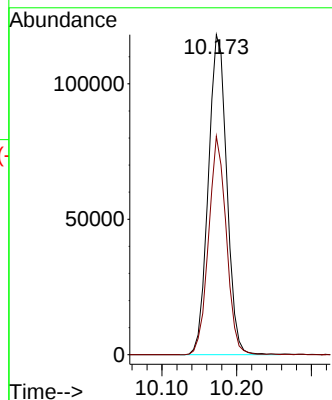
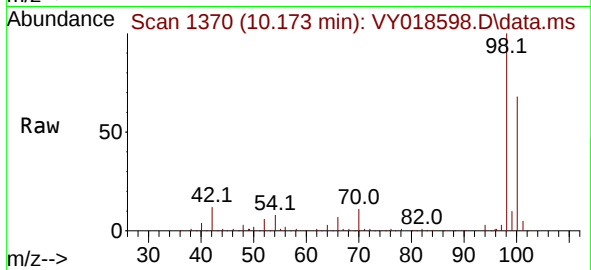
WC-H-VOC

Tgt Ion: 98 Resp: 202638

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.927 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018598.D

Acq: 14 Jun 2024 16:34

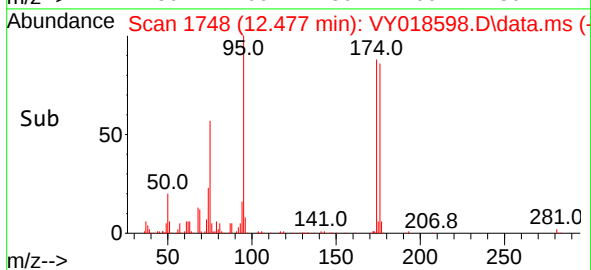
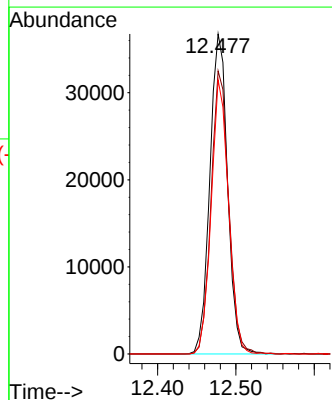
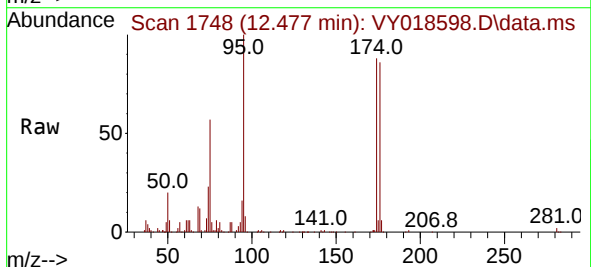
Tgt Ion: 95 Resp: 57828

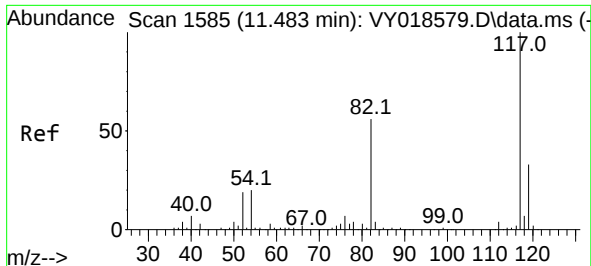
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.6

176 83.9 0.0 171.4

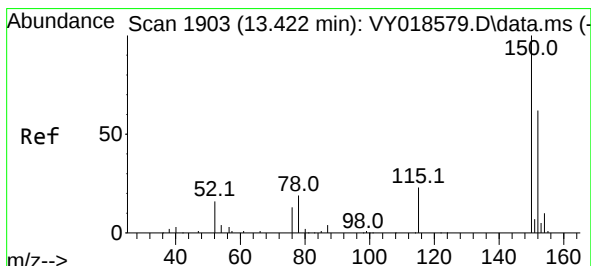
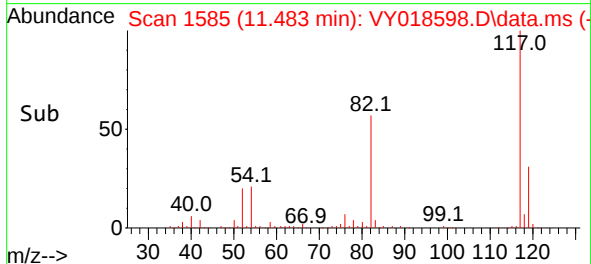
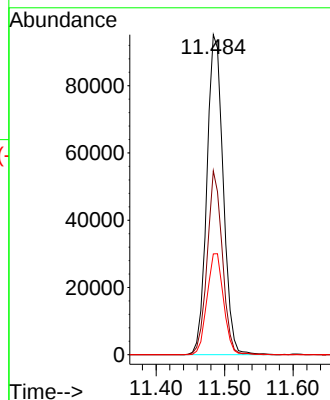
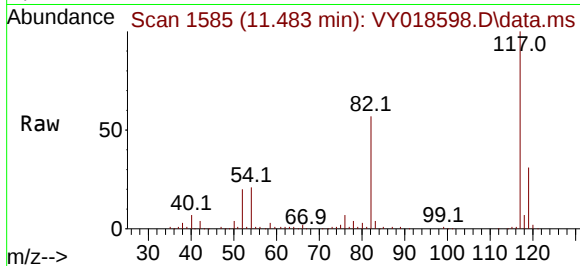




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018598.D
Acq: 14 Jun 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
WC-H-VOC

Tgt Ion:117 Resp: 157300
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.5 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: VY018598.D
Acq: 14 Jun 2024 16:34

Tgt Ion:152 Resp: 58679
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 158.3 0.0 345.6

