

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018340.D
 Acq On : 20 May 2024 17:39
 Operator : SY/MD
 Sample : P2527-03
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPN-VOC

Quant Time: May 21 01:28:31 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)

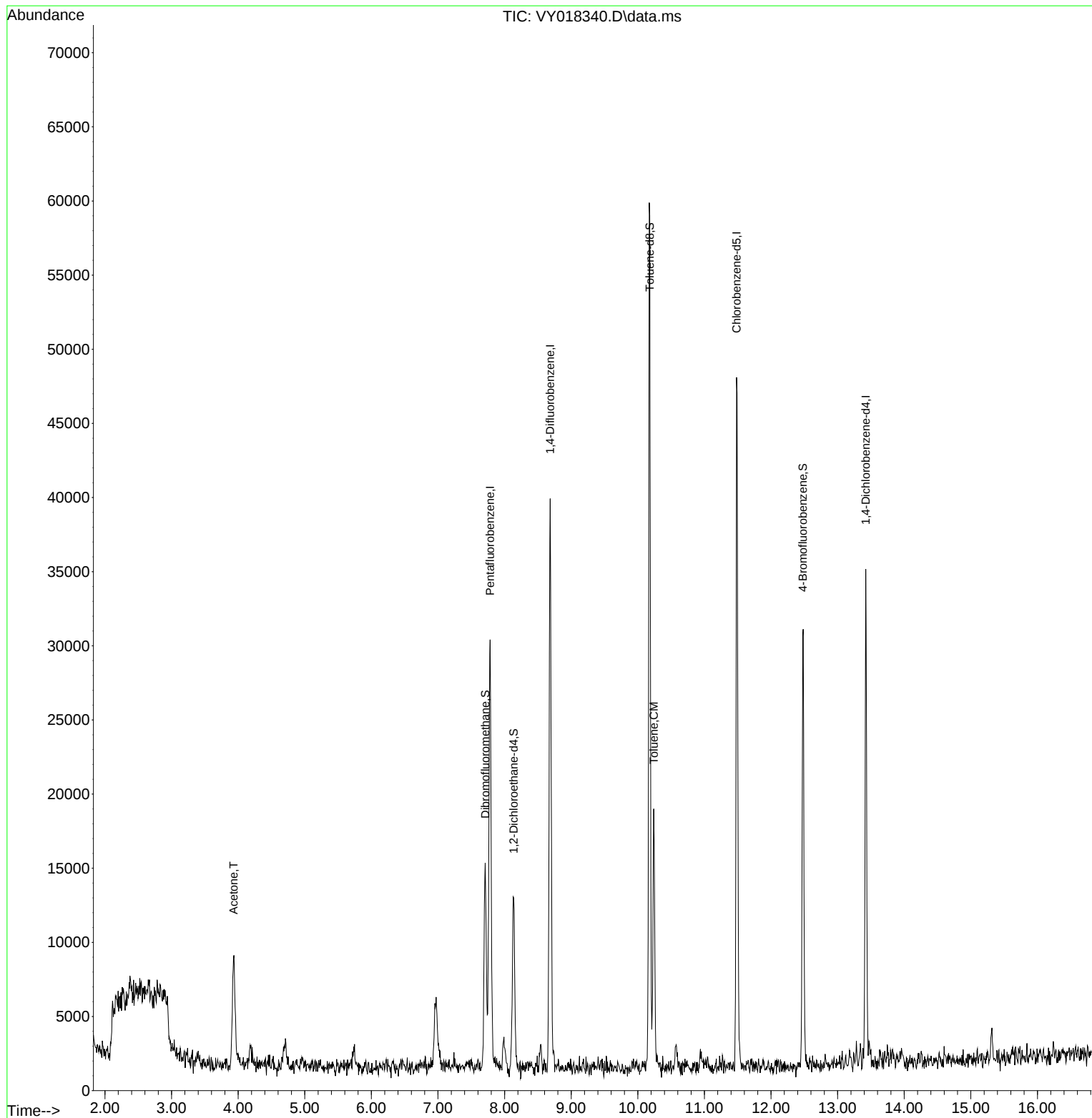
Internal Standards						
1) Pentafluorobenzene	7.783	168	20999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	34040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	25807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8636	55.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.800%
35) Dibromofluoromethane	7.710	113	9477	52.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.179	98	39720	56.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.680%
62) 4-Bromofluorobenzene	12.477	95	9252	40.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.280%
Target Compounds						
						Qvalue
16) Acetone	3.930	43	13376	433.882	ug/l	# 84
52) Toluene	10.240	92	7197	13.552	ug/l	100

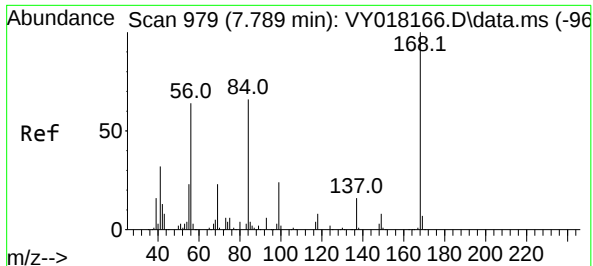
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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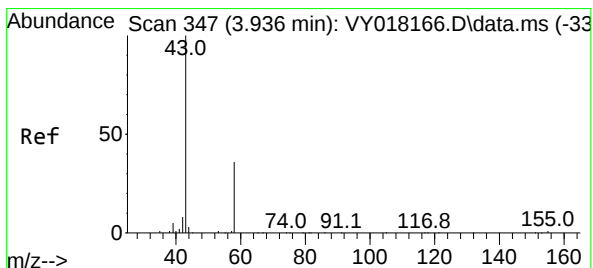
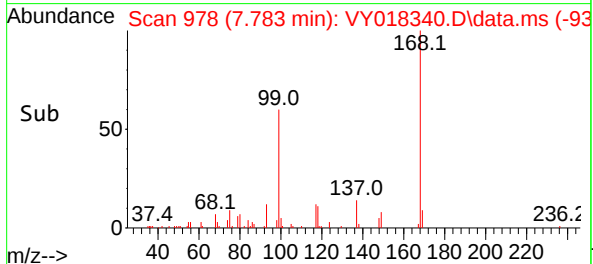
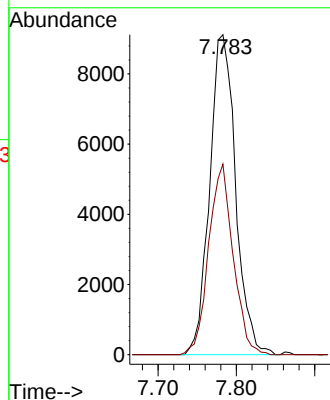
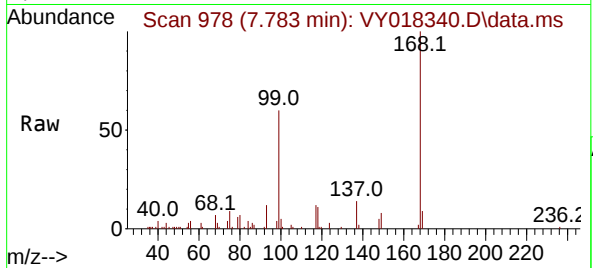




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018340.D
Acq: 20 May 2024 17:39

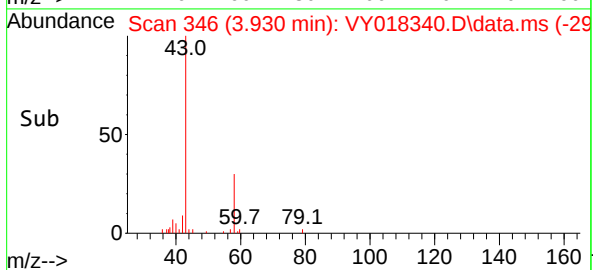
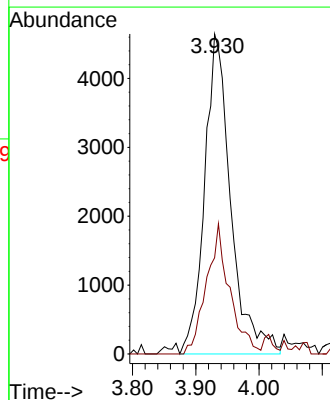
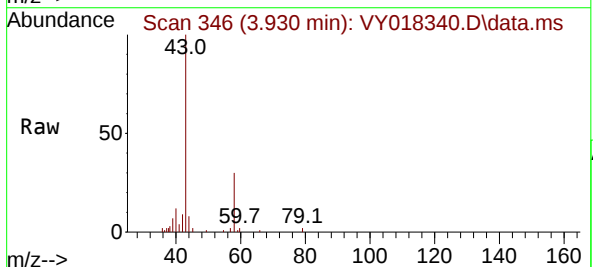
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPN-VOC

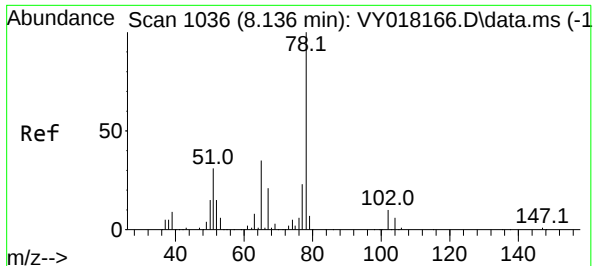
Tgt Ion:168 Resp: 20999
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#16
Acetone
Concen: 433.882 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018340.D
Acq: 20 May 2024 17:39

Tgt Ion: 43 Resp: 13376
Ion Ratio Lower Upper
43 100
58 30.1 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 55.903 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018340.D

Acq: 20 May 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

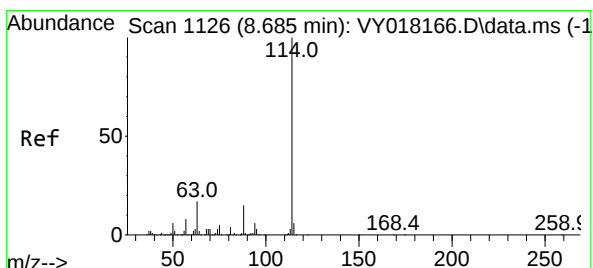
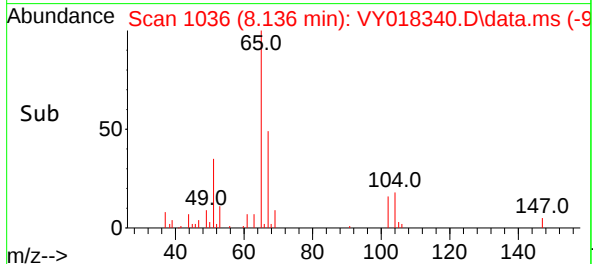
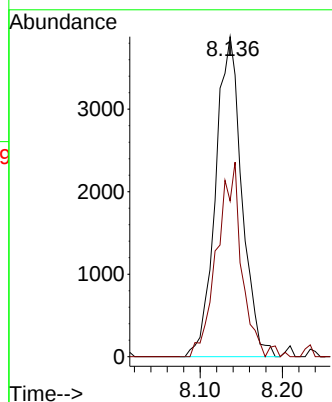
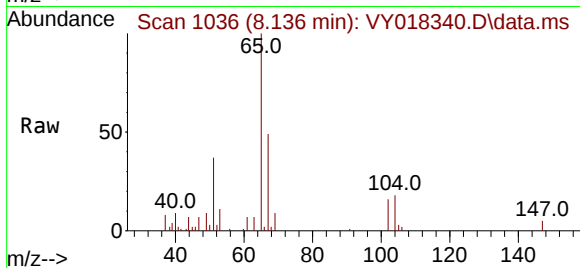
WCS-TPN-VOC

Tgt Ion: 65 Resp: 8636

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018340.D

Acq: 20 May 2024 17:39

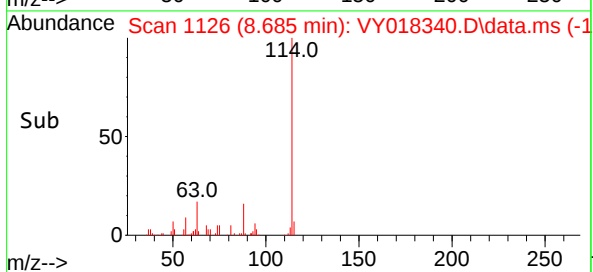
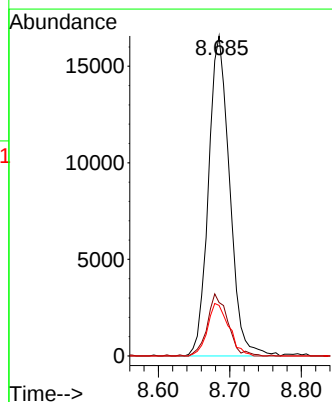
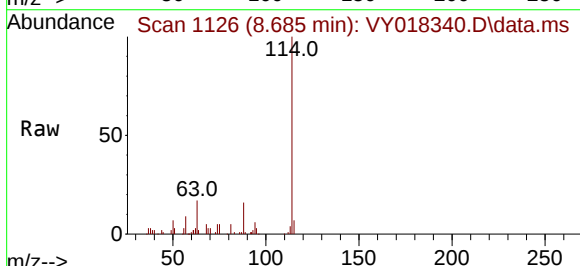
Tgt Ion: 114 Resp: 34040

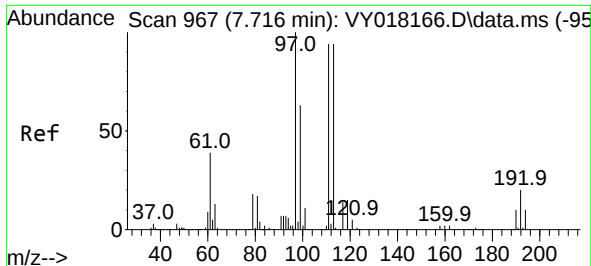
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 15.8 0.0 27.2

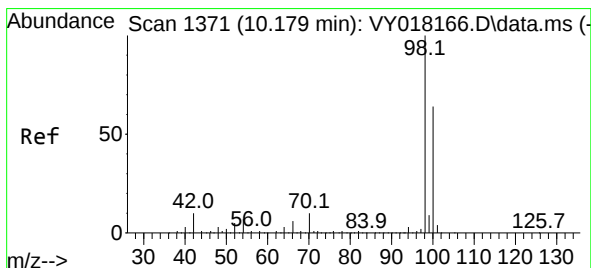
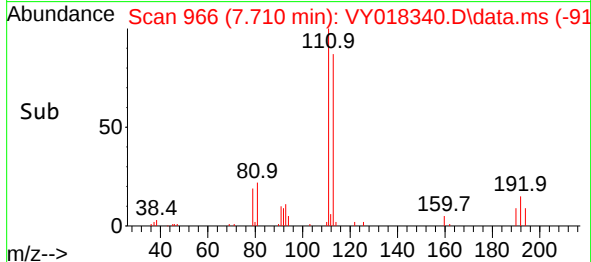
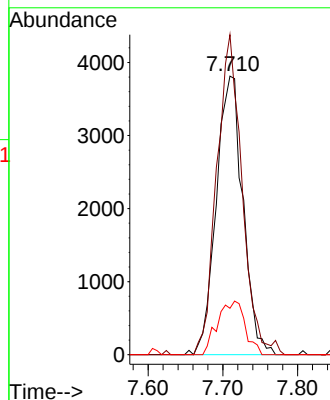
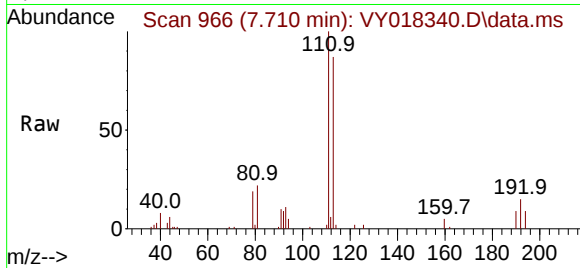




#35
Dibromofluoromethane
Concen: 52.975 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018340.D
Acq: 20 May 2024 17:39

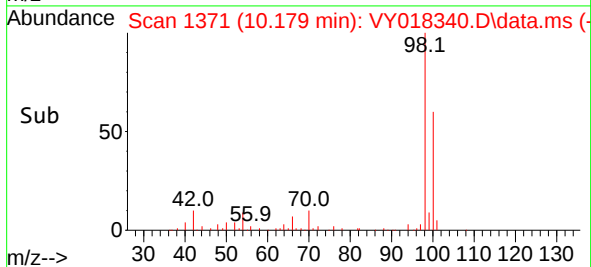
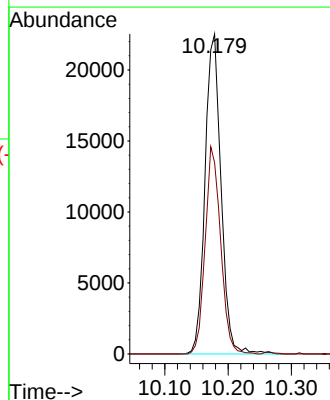
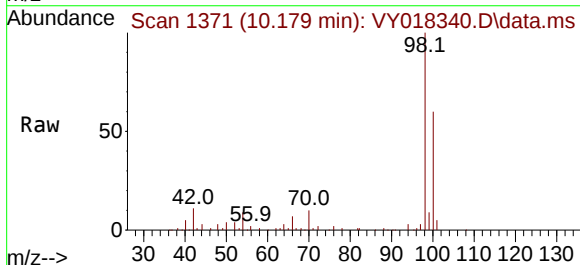
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPN-VOC

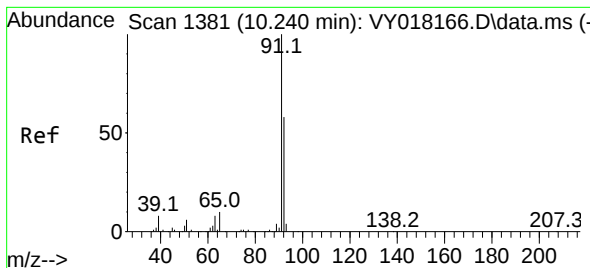
Tgt Ion:113 Resp: 9477
Ion Ratio Lower Upper
113 100
111 109.0 82.2 123.4
192 19.8 15.9 23.9



#50
Toluene-d8
Concen: 56.343 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018340.D
Acq: 20 May 2024 17:39

Tgt Ion: 98 Resp: 39720
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0





#52

Toluene

Concen: 13.552 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018340.D

Acq: 20 May 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

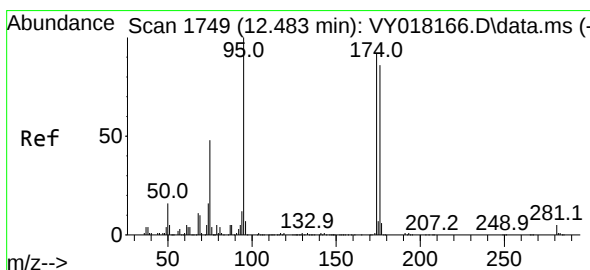
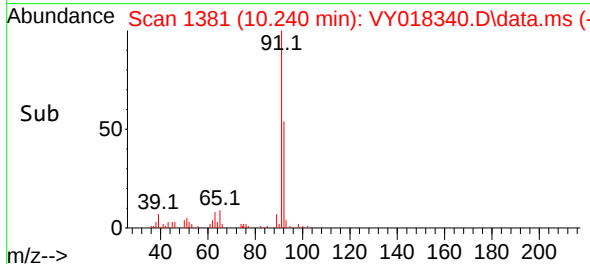
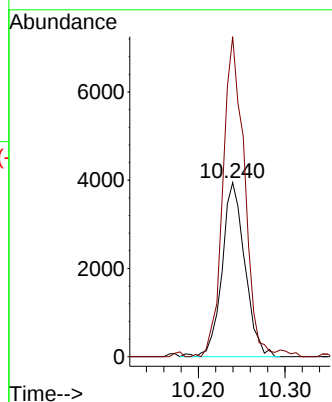
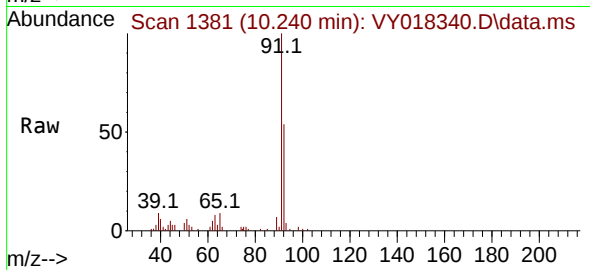
WCS-TPN-VOC

Tgt Ion: 92 Resp: 7197

Ion Ratio Lower Upper

92 100

91 173.6 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 40.639 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018340.D

Acq: 20 May 2024 17:39

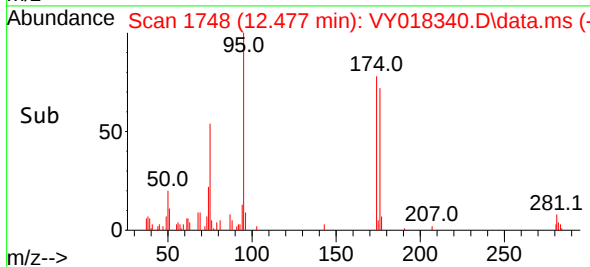
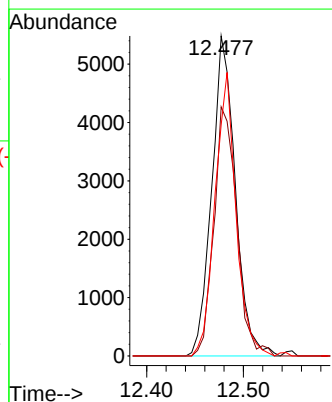
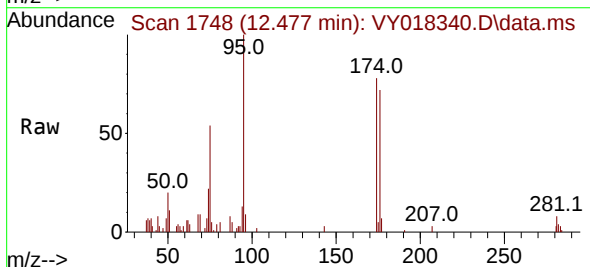
Tgt Ion: 95 Resp: 9252

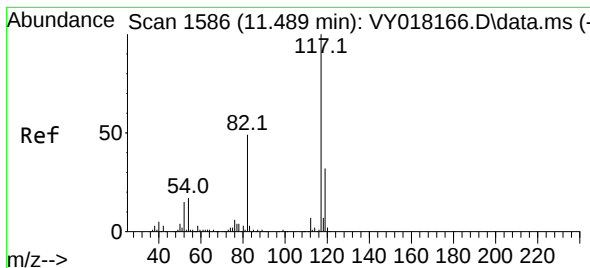
Ion Ratio Lower Upper

95 100

174 76.0 0.0 175.6

176 79.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018340.D

Acq: 20 May 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPN-VOC

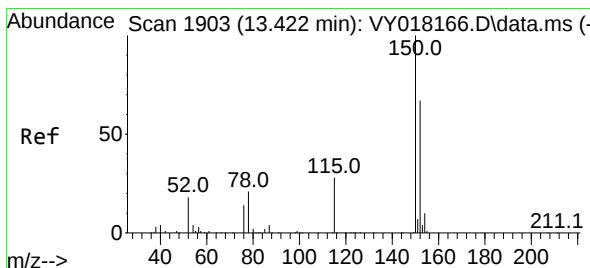
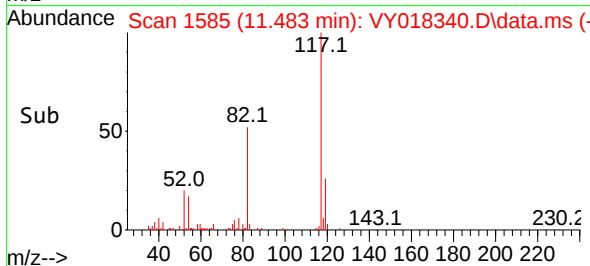
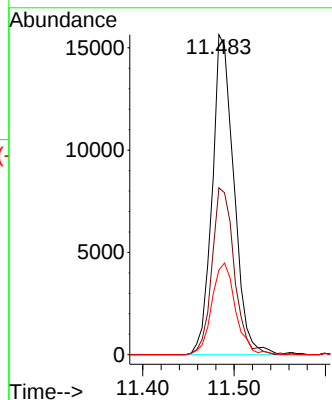
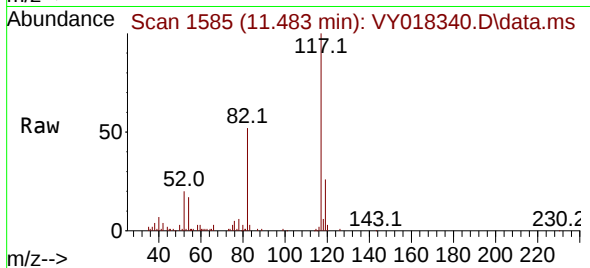
Tgt Ion:117 Resp: 25807

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 26.5 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: VY018340.D

Acq: 20 May 2024 17:39

Tgt Ion:152 Resp: 7825

Ion Ratio Lower Upper

152 100

115 69.3 28.2 84.7

150 159.0 0.0 345.6

