

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018337.D
 Acq On : 20 May 2024 16:26
 Operator : SY/MD
 Sample : P2512-03
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPJ-VOC

Quant Time: May 21 01:27:10 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)

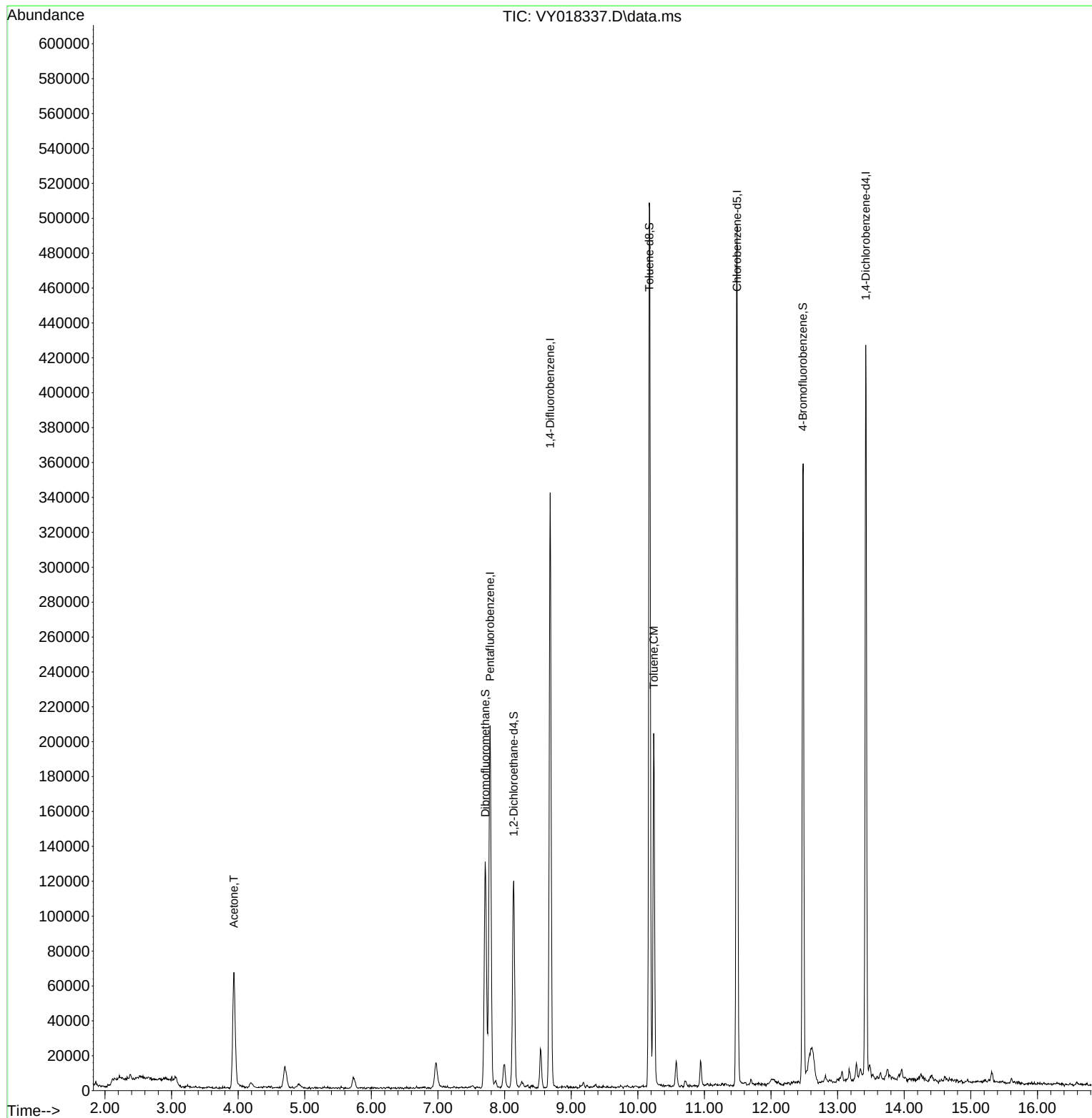
Internal Standards						
1) Pentafluorobenzene	7.783	168	162754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85471	71.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.760%	
35) Dibromofluoromethane	7.710	113	90070	56.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.580%	
50) Toluene-d8	10.173	98	348015	55.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.477	95	112048	55.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.060%	
Target Compounds						
16) Acetone	3.936	43	113297	474.167	ug/l	90
52) Toluene	10.240	92	85777	18.058	ug/l	97

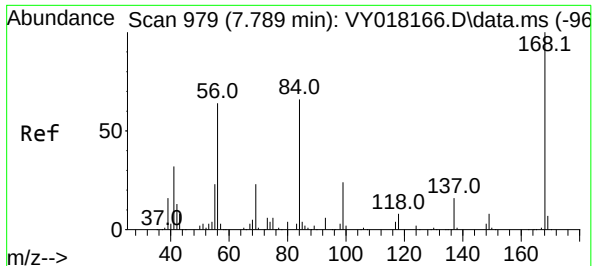
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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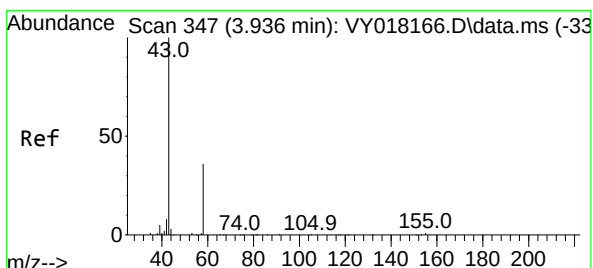
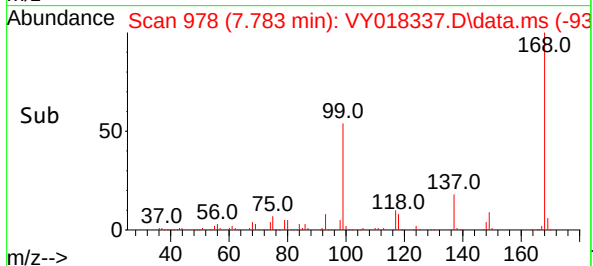
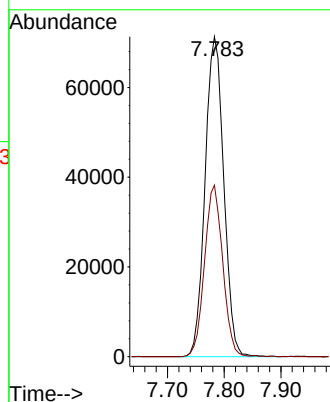
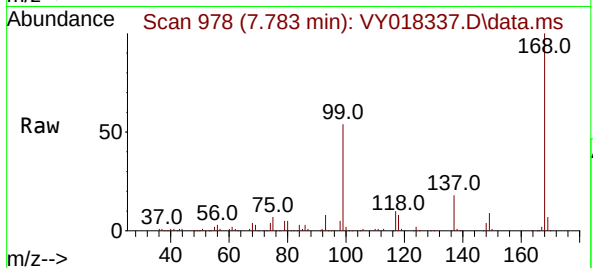




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018337.D
Acq: 20 May 2024 16:26

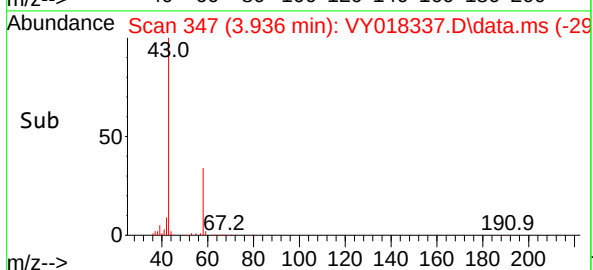
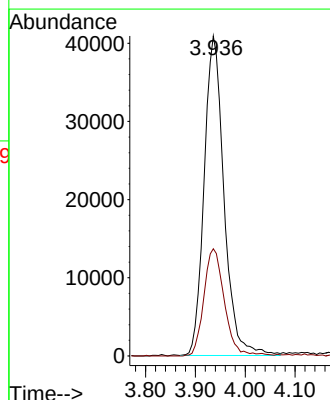
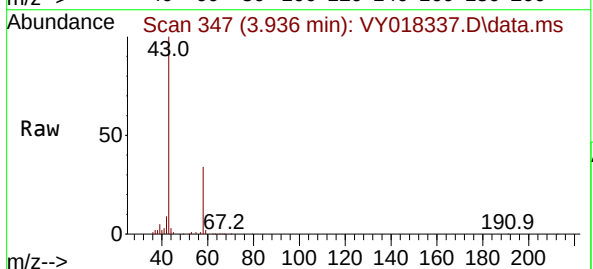
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPJ-VOC

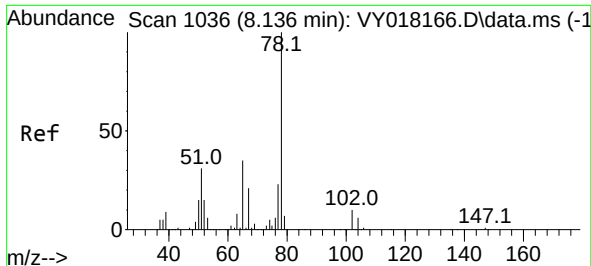
Tgt Ion:168 Resp: 162754
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#16
Acetone
Concen: 474.167 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018337.D
Acq: 20 May 2024 16:26

Tgt Ion: 43 Resp: 113297
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 71.385 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018337.D

Acq: 20 May 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

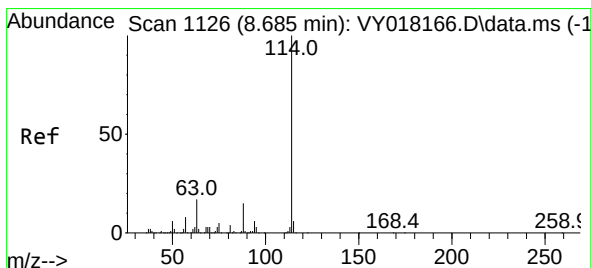
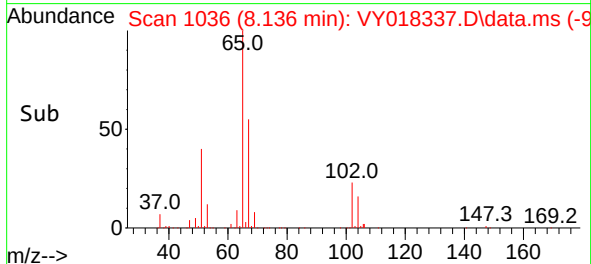
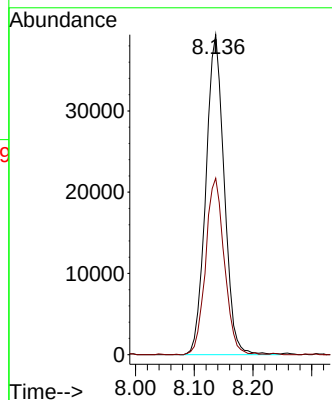
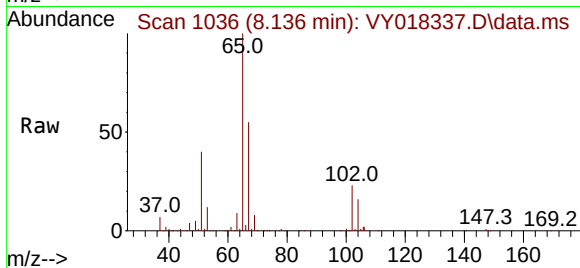
WCS-TPJ-VOC

Tgt Ion: 65 Resp: 85471

Ion Ratio Lower Upper

65 100

67 56.2 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: VY018337.D

Acq: 20 May 2024 16:26

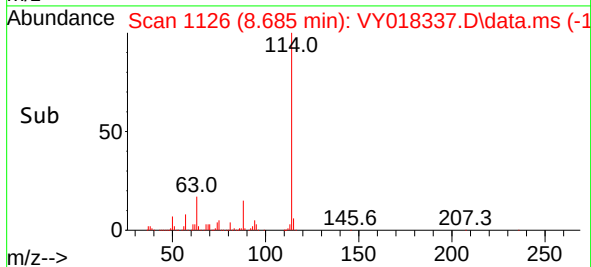
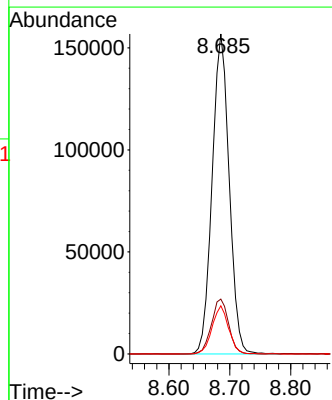
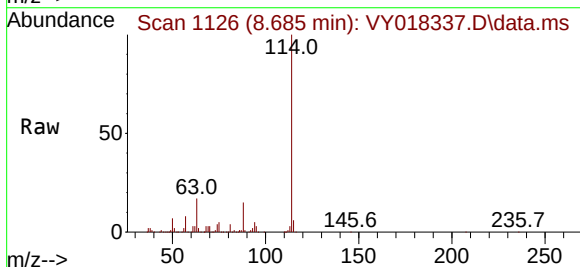
Tgt Ion: 114 Resp: 304464

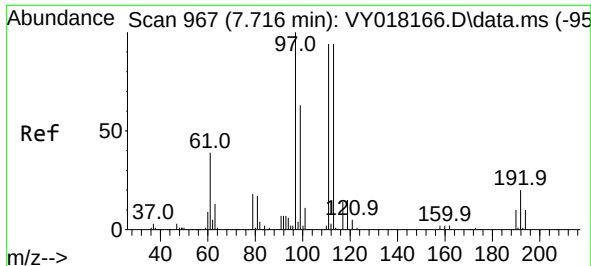
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 15.0 0.0 27.2

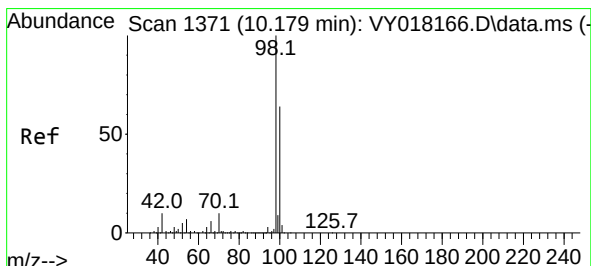
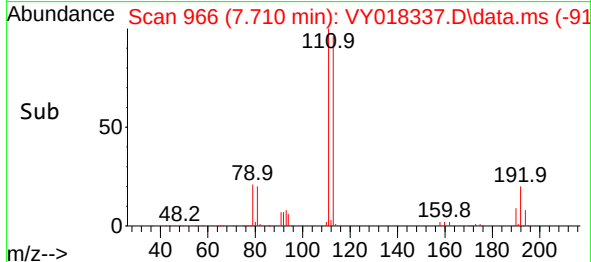
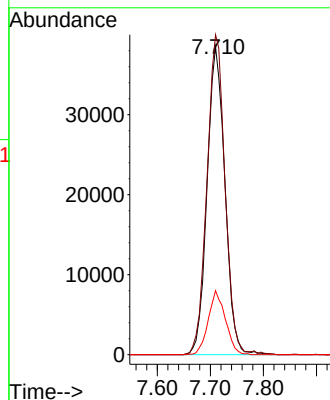
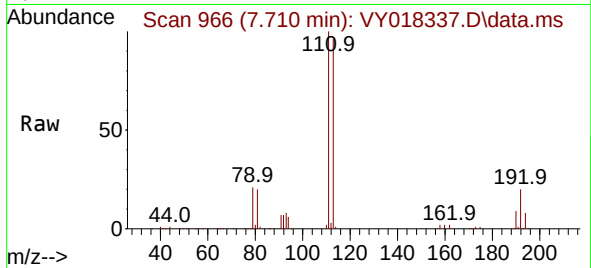




#35
Dibromofluoromethane
Concen: 56.290 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018337.D
Acq: 20 May 2024 16:26

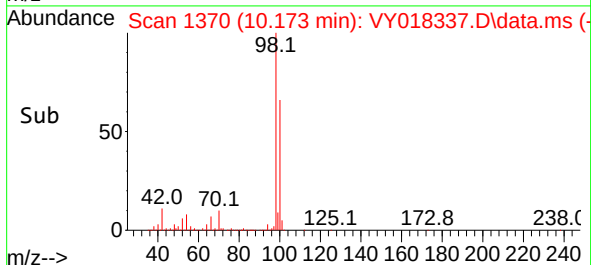
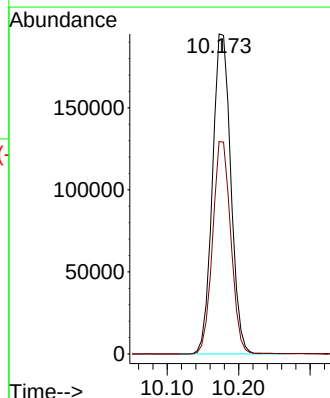
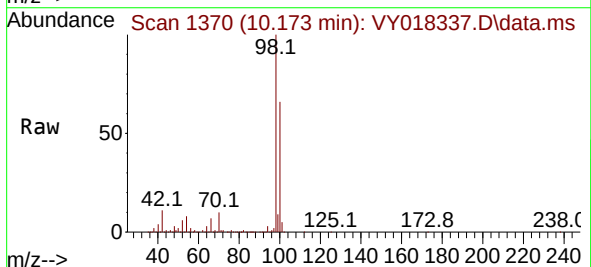
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPJ-VOC

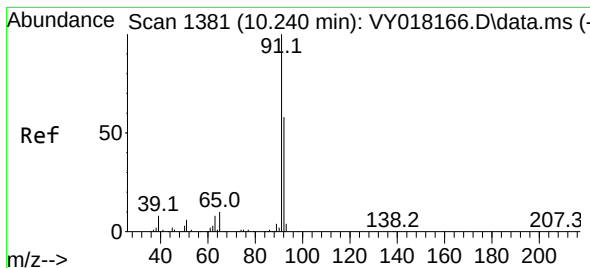
Tgt Ion:113 Resp: 90070
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.4
192 20.0 15.9 23.9



#50
Toluene-d8
Concen: 55.193 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY018337.D
Acq: 20 May 2024 16:26

Tgt Ion: 98 Resp: 348015
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#52

Toluene

Concen: 18.058 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018337.D

Acq: 20 May 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

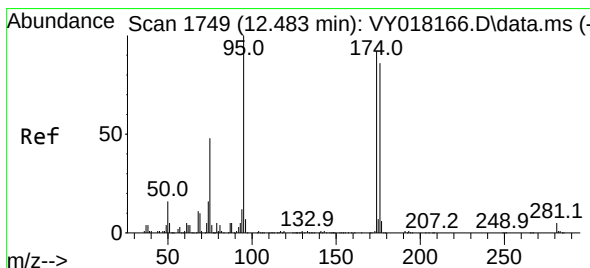
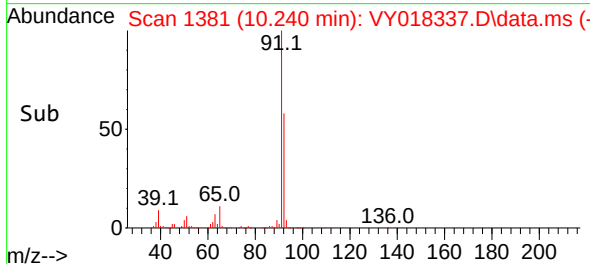
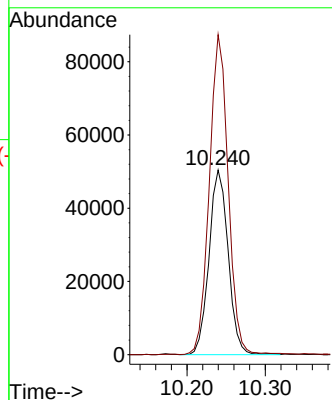
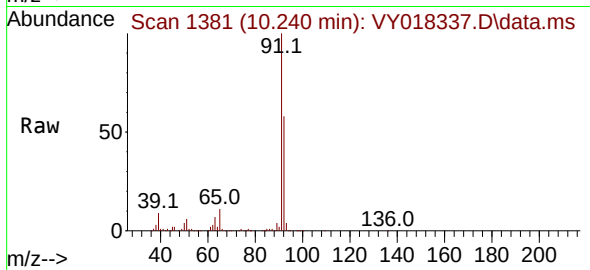
WCS-TPJ-VOC

Tgt Ion: 92 Resp: 85777

Ion Ratio Lower Upper

92 100

91 169.8 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 55.026 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018337.D

Acq: 20 May 2024 16:26

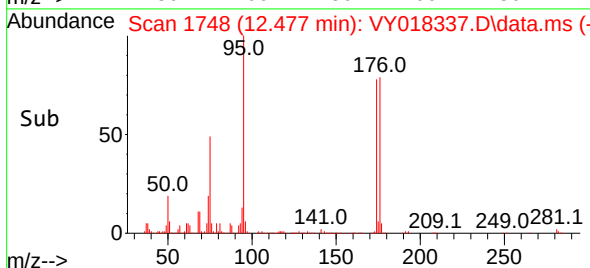
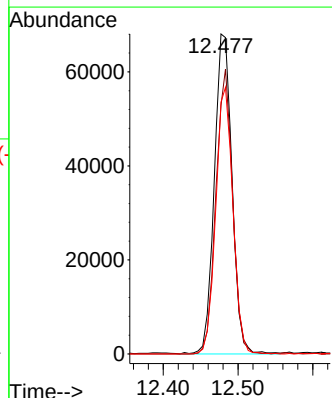
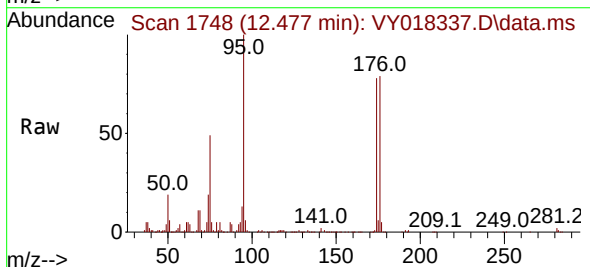
Tgt Ion: 95 Resp: 112048

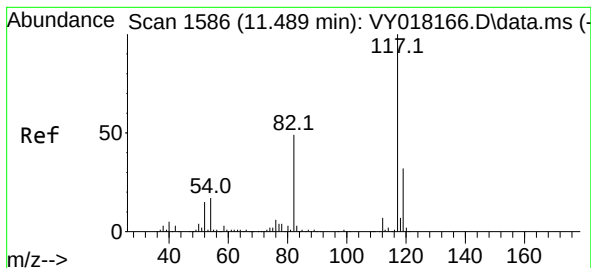
Ion Ratio Lower Upper

95 100

174 83.9 0.0 175.6

176 80.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018337.D

Acq: 20 May 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPJ-VOC

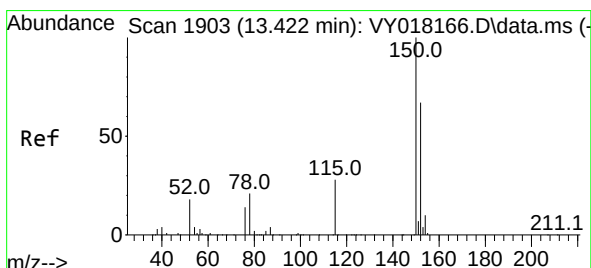
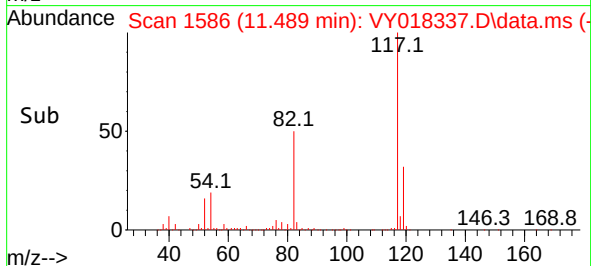
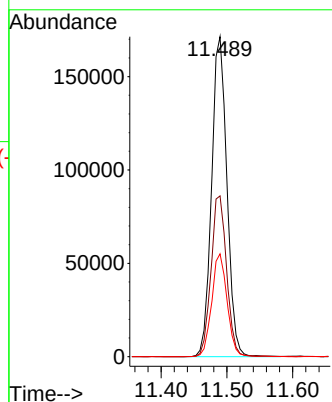
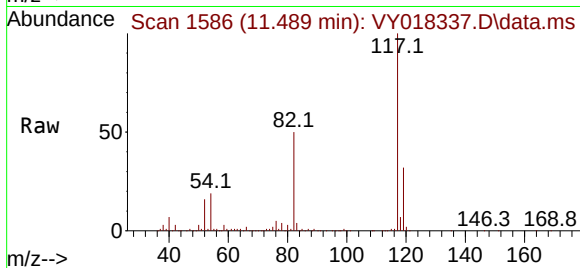
Tgt Ion:117 Resp: 277801

Ion Ratio Lower Upper

117 100

82 50.3 42.4 63.6

119 32.2 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: VY018337.D

Acq: 20 May 2024 16:26

Tgt Ion:152 Resp: 111425

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 155.9 0.0 345.6

