

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020286.D
 Acq On : 13 Nov 2024 16:26
 Operator : SY/MD
 Sample : P4821-07
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-2-VOC

Quant Time: Nov 14 00:59:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

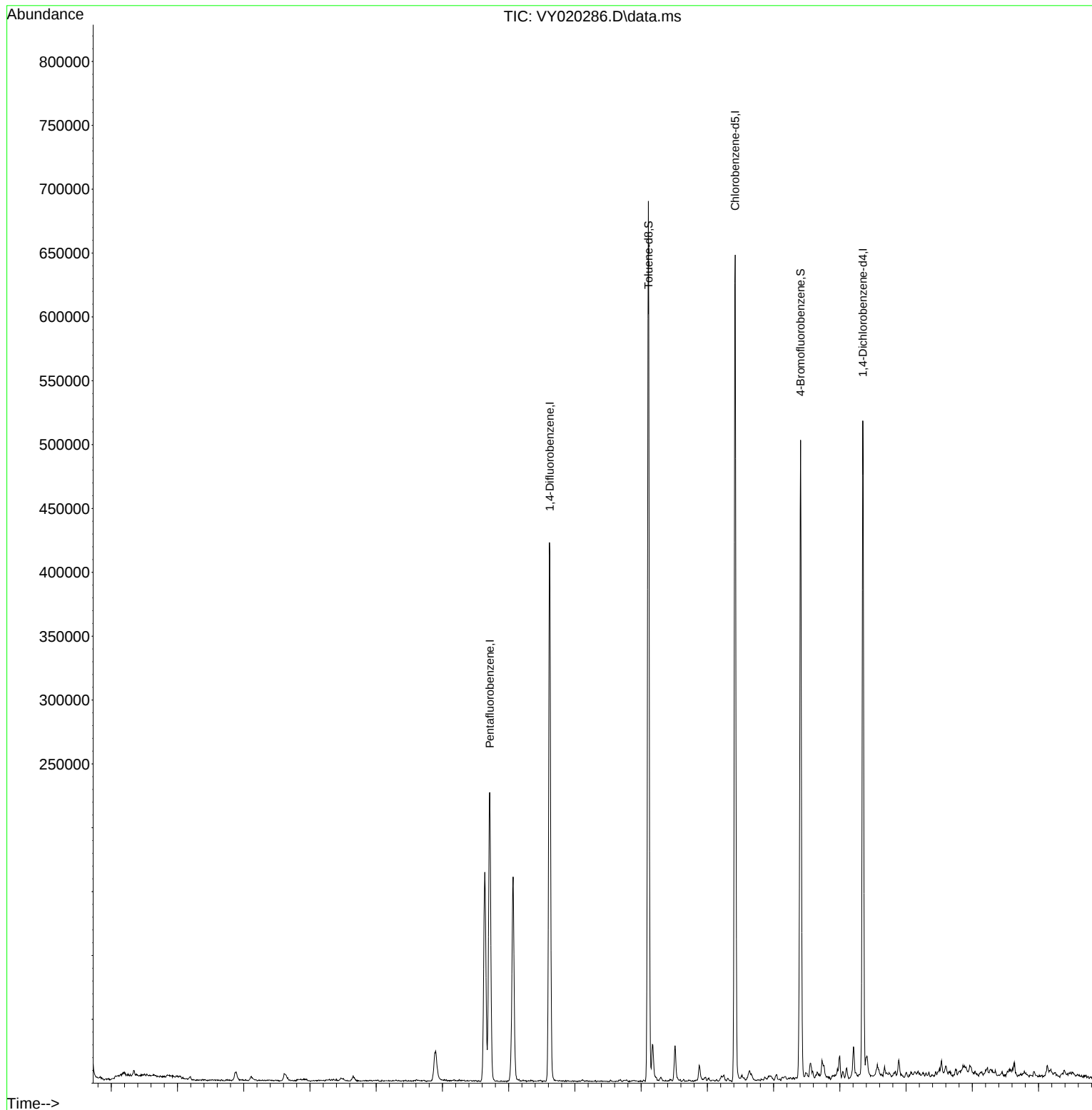
Internal Standards						
1) Pentafluorobenzene	7.713	168	157923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	339010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	319959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	114178	57.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.860%
35) Dibromofluoromethane	7.640	113	115339	53.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.020%
50) Toluene-d8	10.109	98	424560	49.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.407	95	142870	51.268	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.540%
Target Compounds						
16) Acetone	3.872	43	12867	28.072	ug/l	Qvalue 88
52) Toluene	10.176	92	11229	1.874	ug/l	98

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

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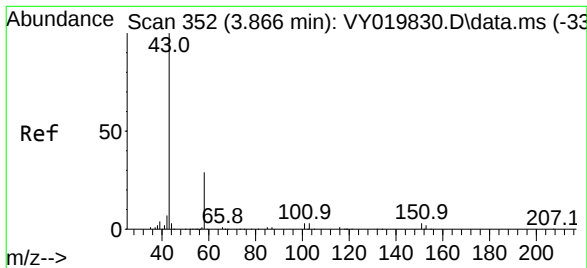
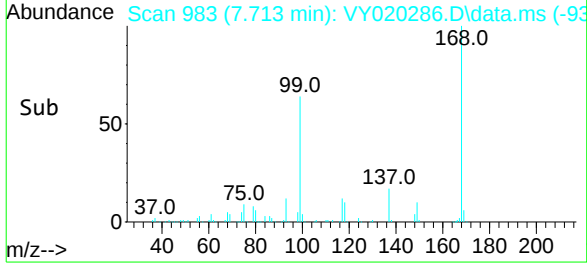
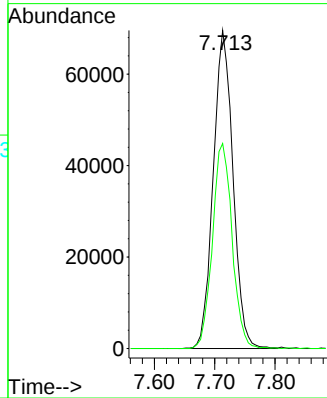
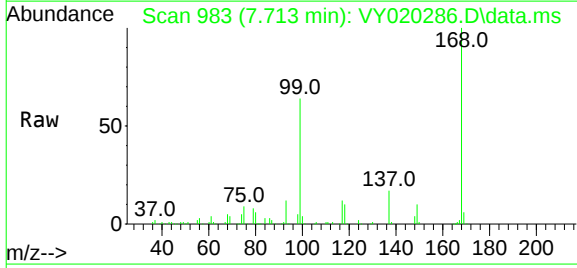




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020286.D
Acq: 13 Nov 2024 16:26

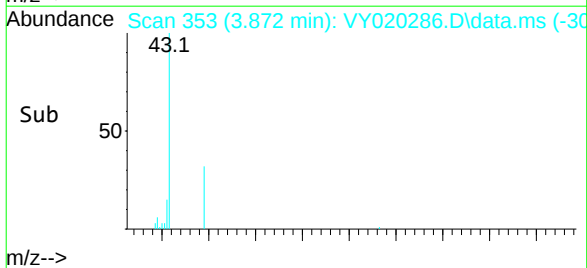
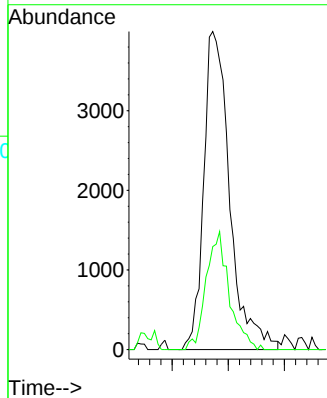
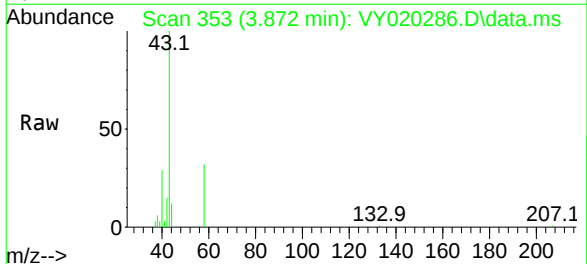
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-2-VOC

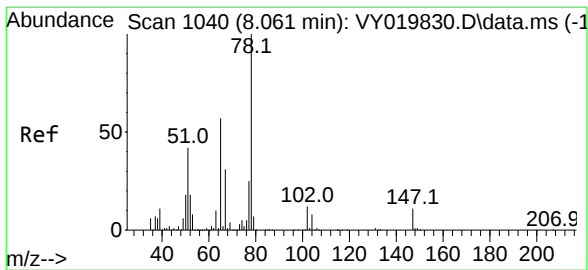
Tgt Ion:168 Resp: 157923
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#16
Acetone
Concen: 28.072 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020286.D
Acq: 13 Nov 2024 16:26

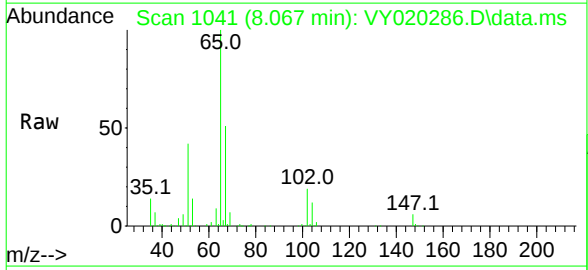
Tgt Ion: 43 Resp: 12867
Ion Ratio Lower Upper
43 100
58 32.4 31.7 47.5



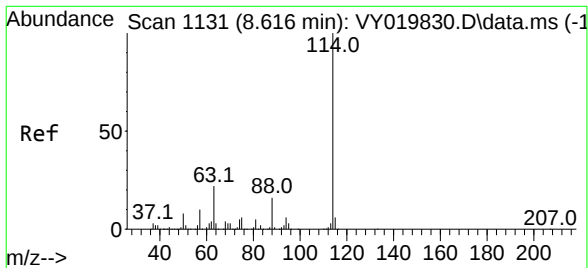
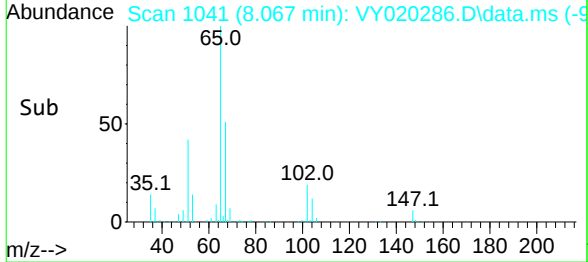
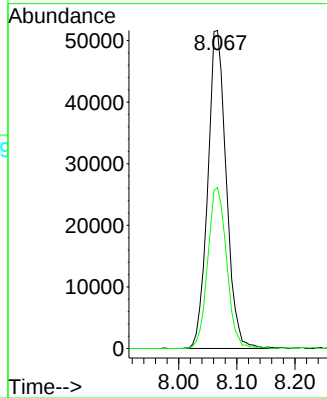


#33
1,2-Dichloroethane-d4
Concen: 57.929 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020286.D
Acq: 13 Nov 2024 16:26

Instrument :
MSVOA_Y
ClientSampleId :
BP-F-2-VOC

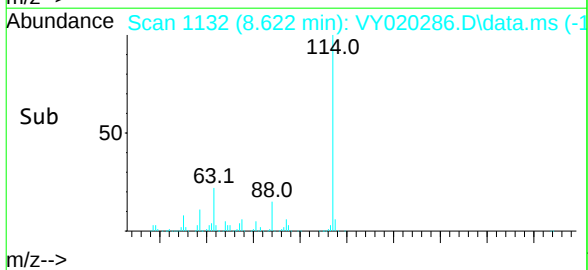
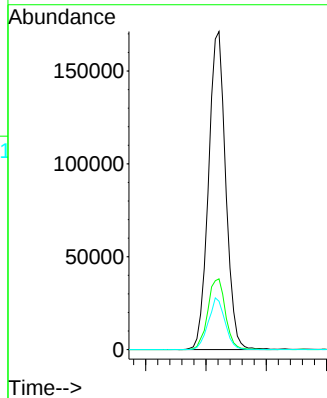
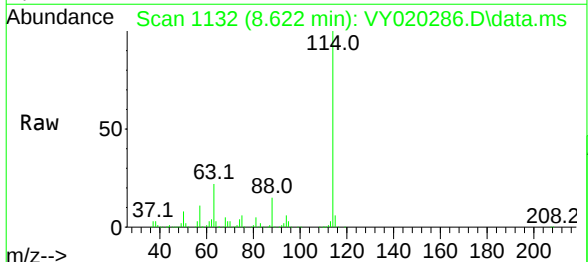


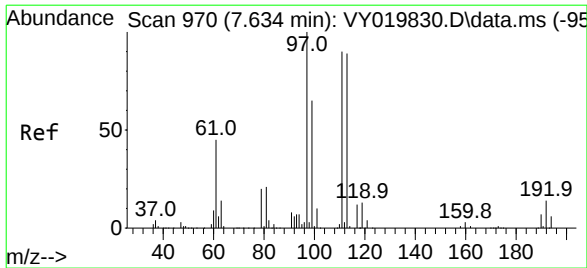
Tgt Ion: 65 Resp: 114178
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020286.D
Acq: 13 Nov 2024 16:26

Tgt Ion: 114 Resp: 339010
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.511 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020286.D

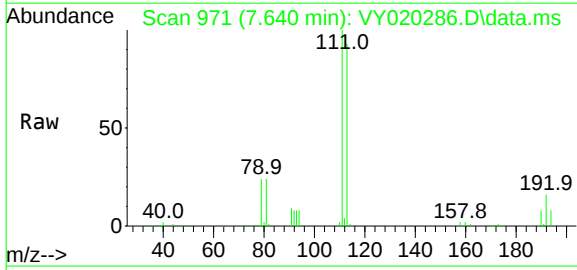
Acq: 13 Nov 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-2-VOC



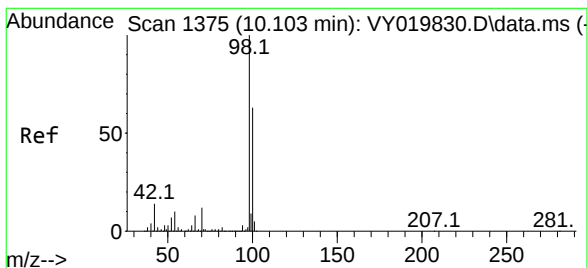
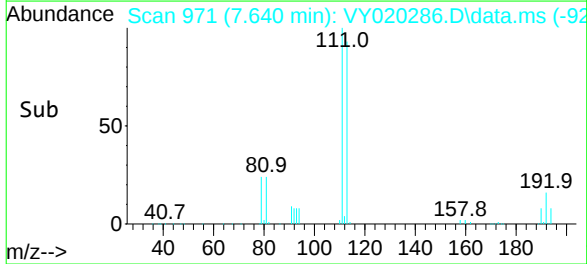
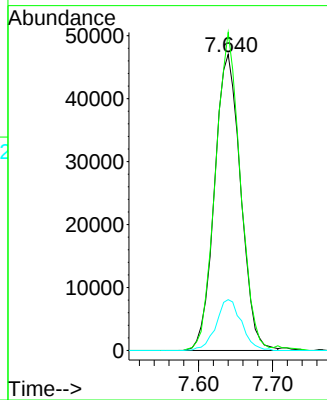
Tgt Ion:113 Resp: 115339

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 16.7 15.9 23.9



#50

Toluene-d8

Concen: 49.485 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020286.D

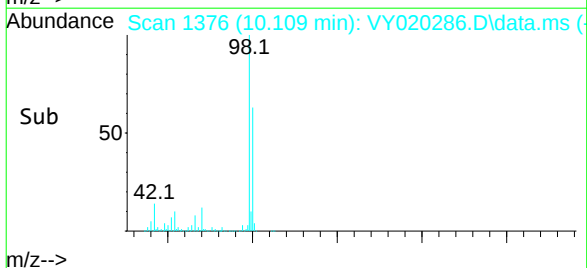
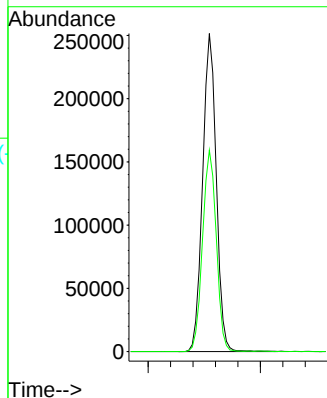
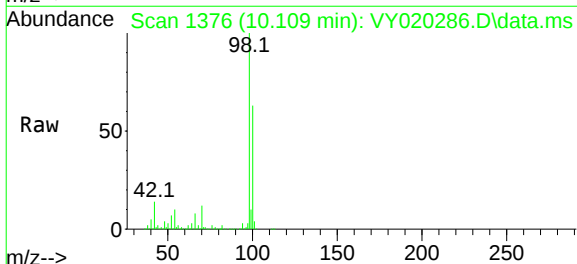
Acq: 13 Nov 2024 16:26

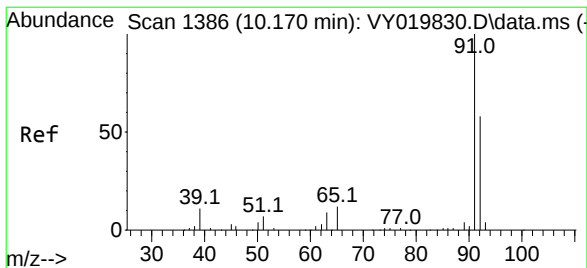
Tgt Ion: 98 Resp: 424560

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0





#52

Toluene

Concen: 1.874 ug/l

RT: 10.176 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020286.D

Acq: 13 Nov 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

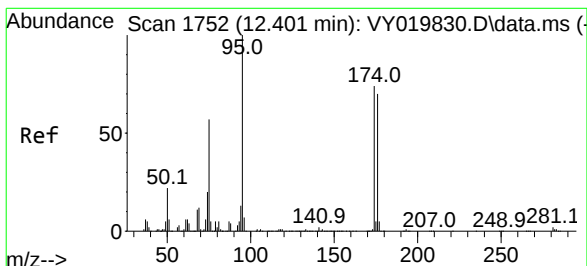
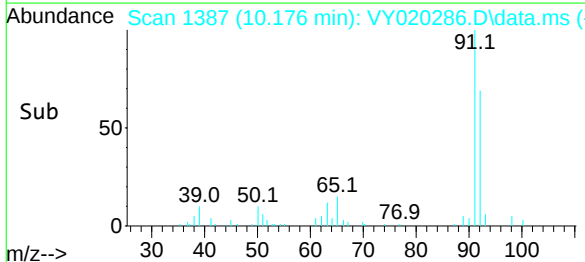
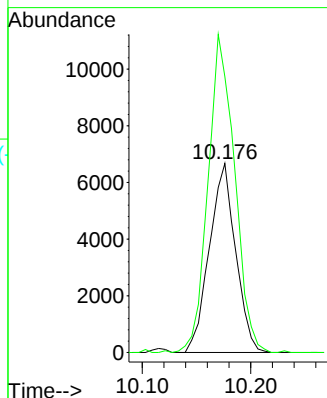
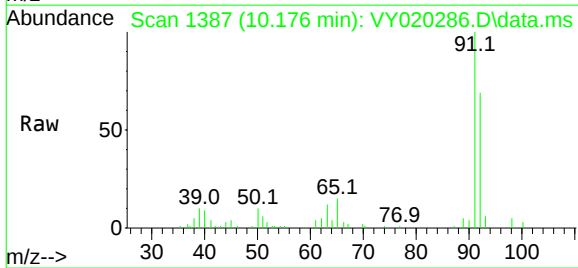
BP-F-2-VOC

Tgt Ion: 92 Resp: 11229

Ion Ratio Lower Upper

92 100

91 170.4 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 51.268 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020286.D

Acq: 13 Nov 2024 16:26

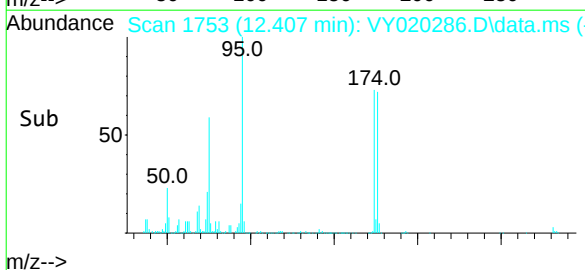
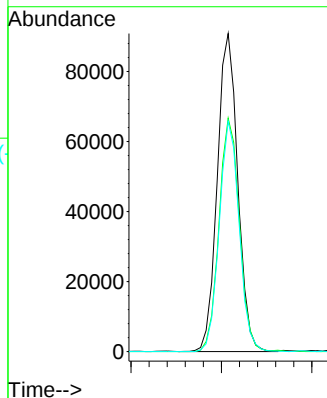
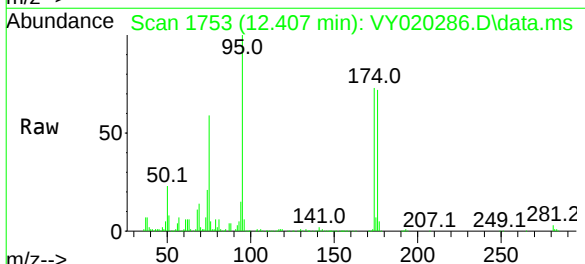
Tgt Ion: 95 Resp: 142870

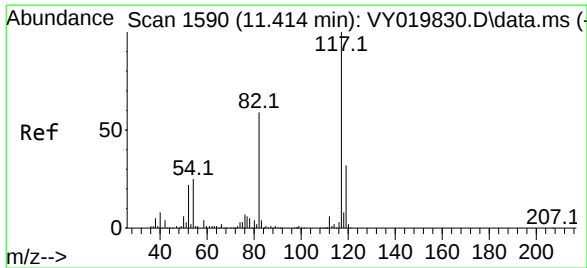
Ion Ratio Lower Upper

95 100

174 73.1 0.0 175.6

176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020286.D

Acq: 13 Nov 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-2-VOC

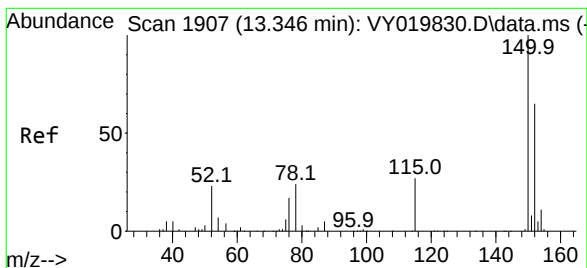
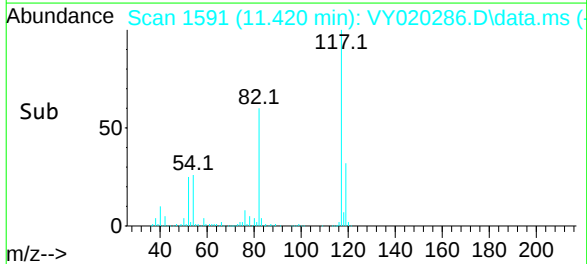
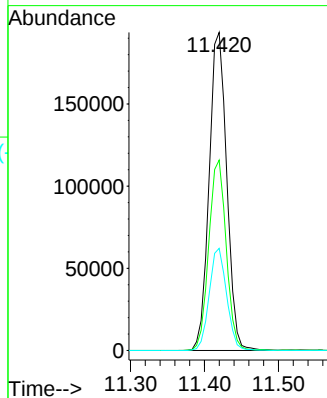
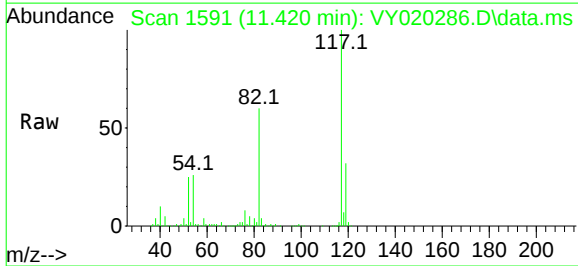
Tgt Ion:117 Resp: 319959

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020286.D

Acq: 13 Nov 2024 16:26

Tgt Ion:152 Resp: 114840

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 157.0 0.0 345.6

