

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020229.D
 Acq On : 08 Nov 2024 13:38
 Operator : SY/MD
 Sample : P4739-15
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-VOC

Quant Time: Nov 08 22:17:54 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)

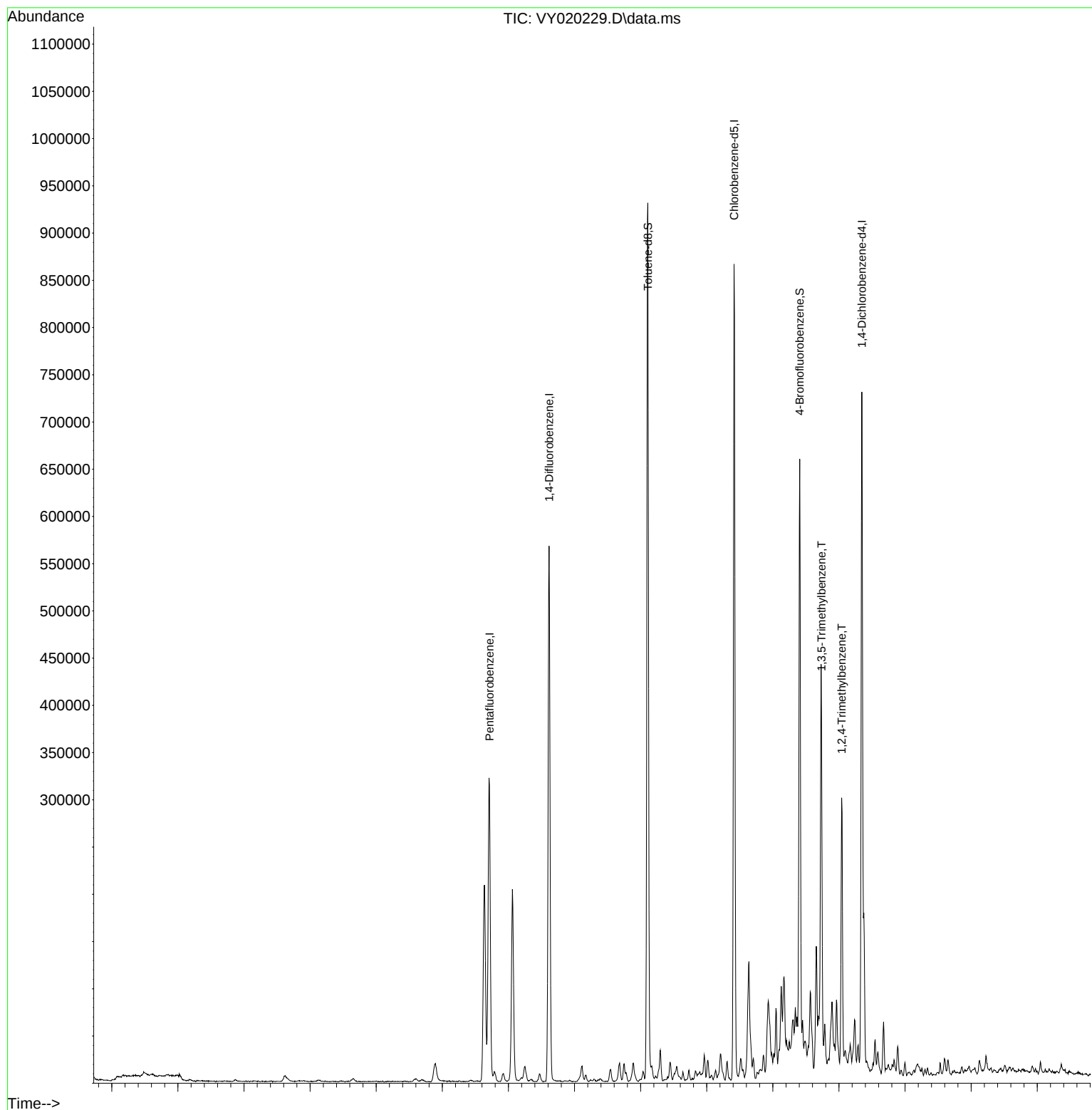
Internal Standards						
1) Pentafluorobenzene	7.713	168	218841	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	451479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149864	54.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.634	113	149141	51.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.109	98	570722	49.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.407	95	181999	49.040	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.080%	
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.621	106	16310	2.682	ug/l	91
69) o-Xylene	11.950	106	7132	1.239	ug/l	88
78) n-propylbenzene	12.596	91	22632	1.446	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	68133	6.749	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	144173	14.418	ug/l	95

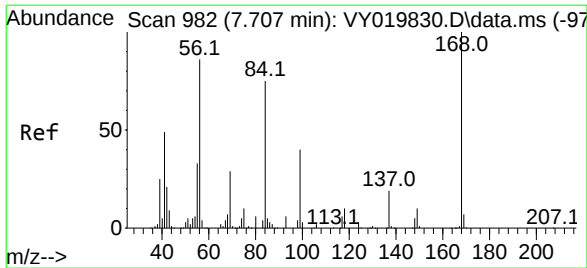
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
Data File : VY020229.D
Acq On : 08 Nov 2024 13:38
Operator : SY/MD
Sample : P4739-15
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

Quant Time: Nov 08 22:17:54 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

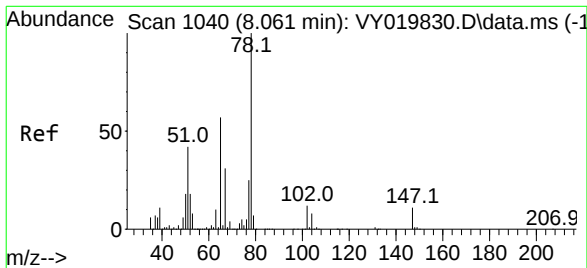
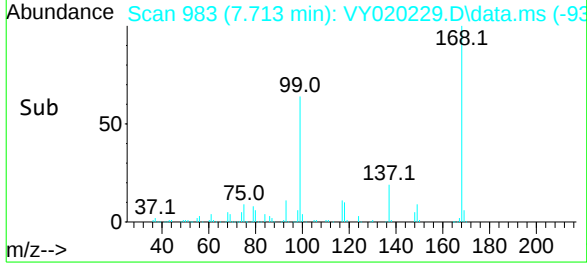
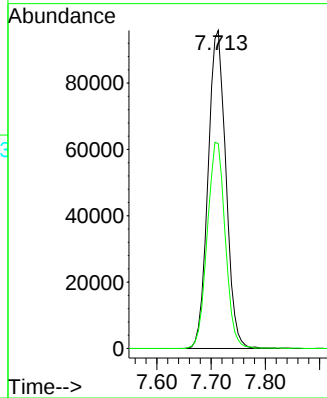
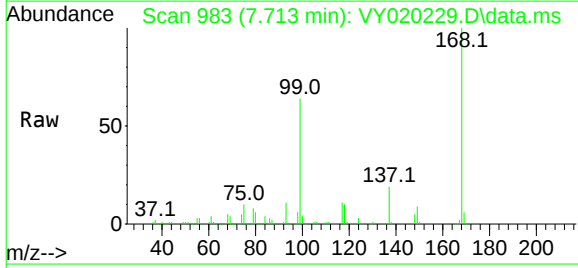




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

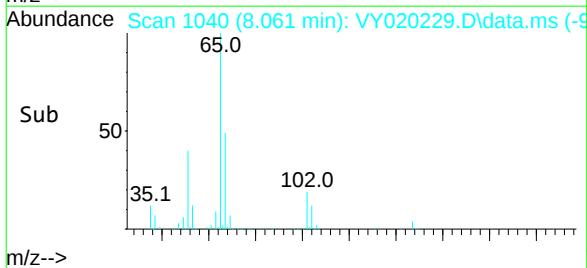
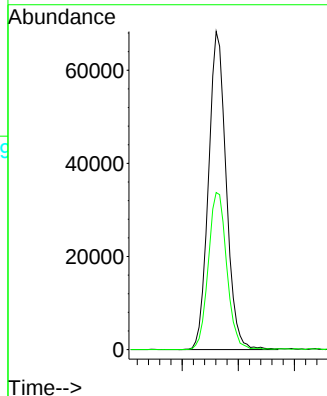
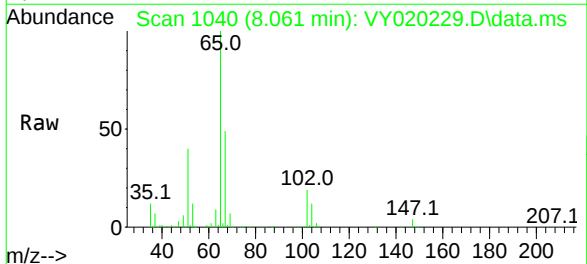
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

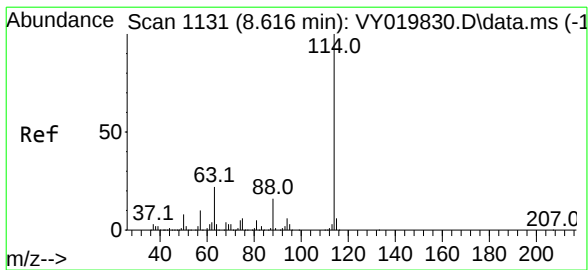
Tgt Ion:168 Resp: 218841
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.870 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 65 Resp: 149864
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

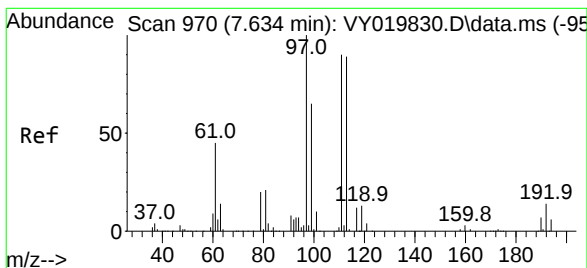
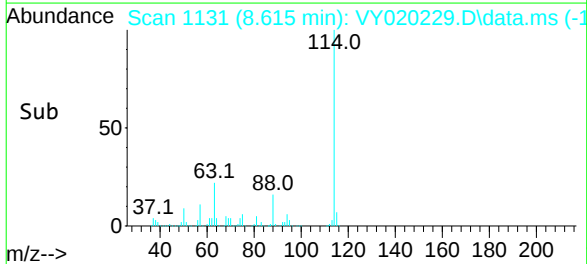
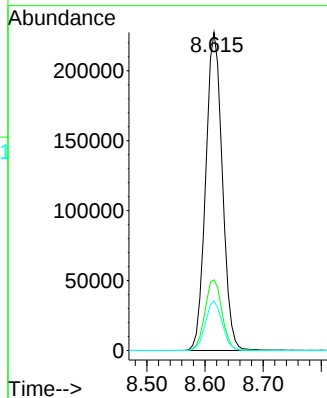
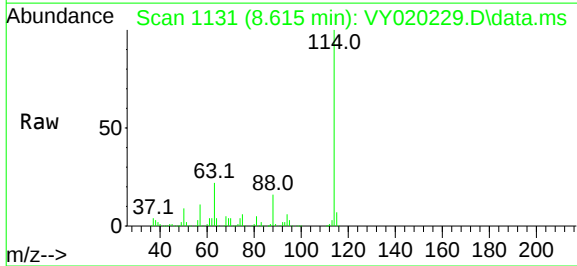
Tgt Ion:114 Resp: 451479

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.957 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

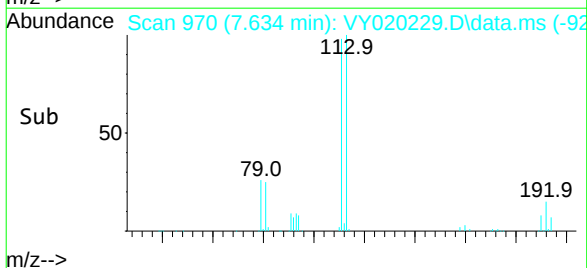
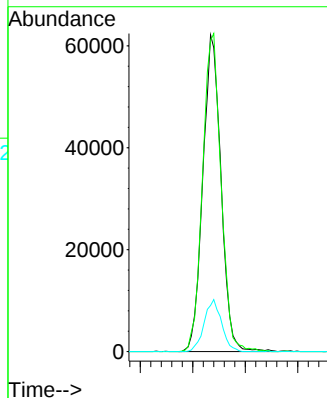
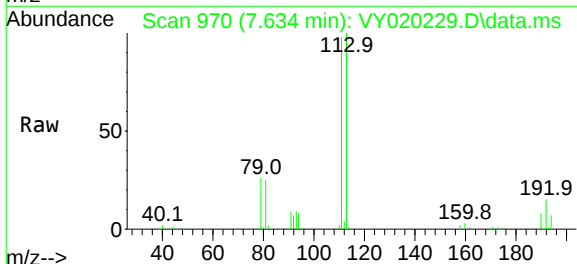
Tgt Ion:113 Resp: 149141

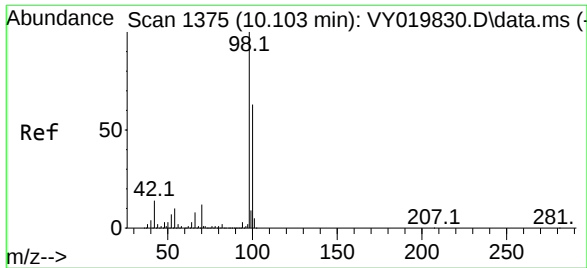
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 15.8 15.9 23.9#





#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

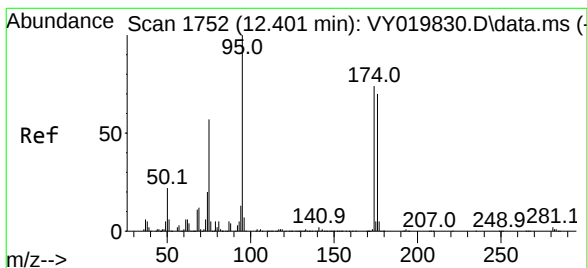
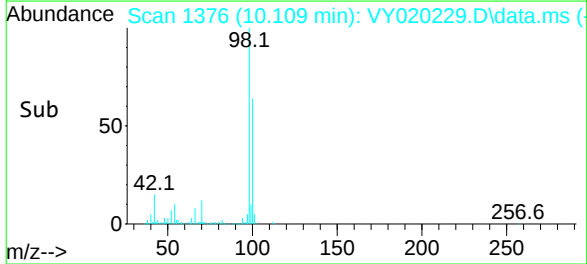
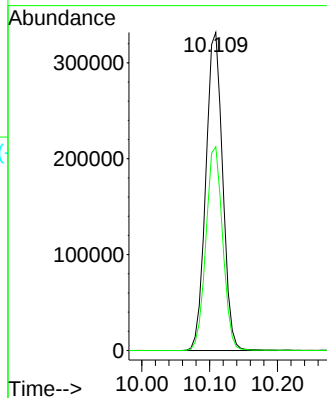
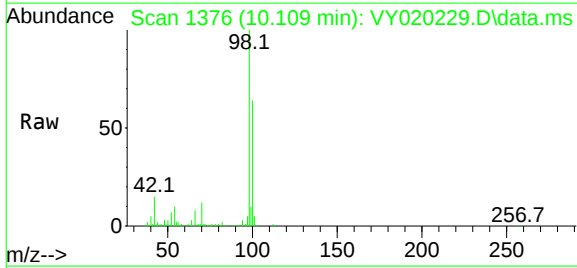
TP-11-VOC

Tgt Ion: 98 Resp: 570722

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.040 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

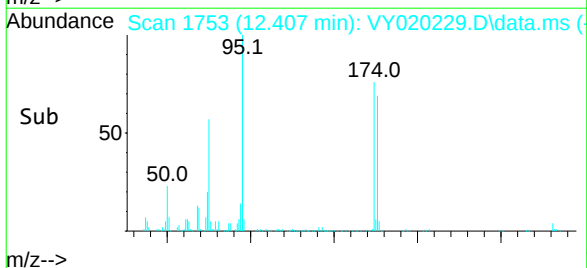
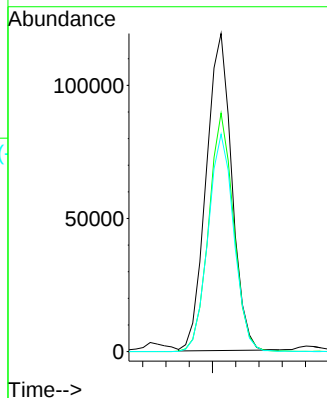
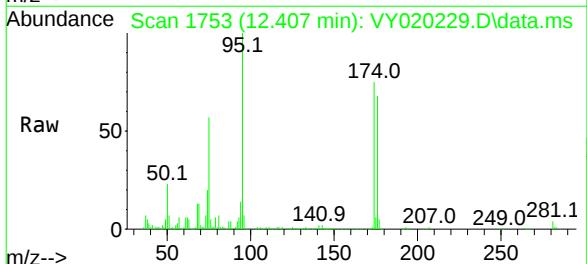
Tgt Ion: 95 Resp: 181999

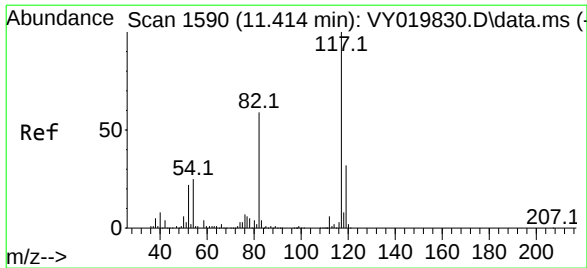
Ion Ratio Lower Upper

95 100

174 73.2 0.0 175.6

176 69.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

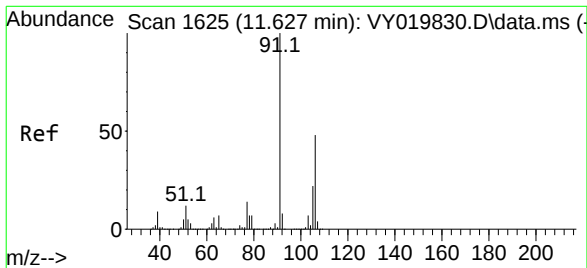
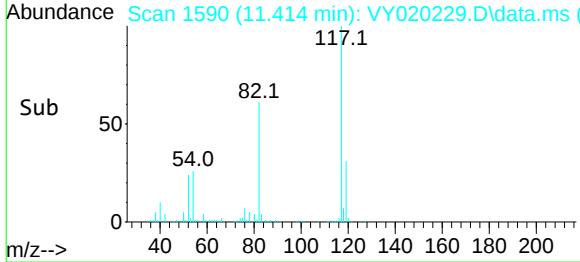
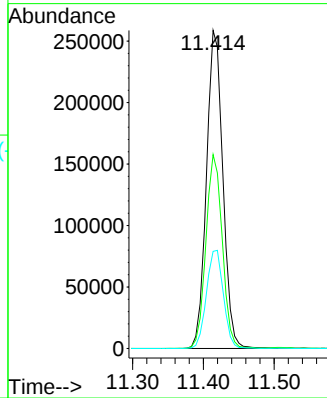
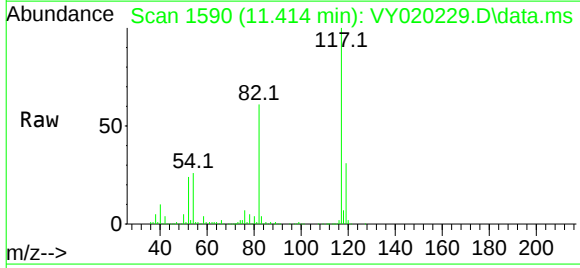
Tgt Ion:117 Resp: 417239

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 30.5 25.9 38.9



#68

m/p-Xylenes

Concen: 2.682 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY020229.D

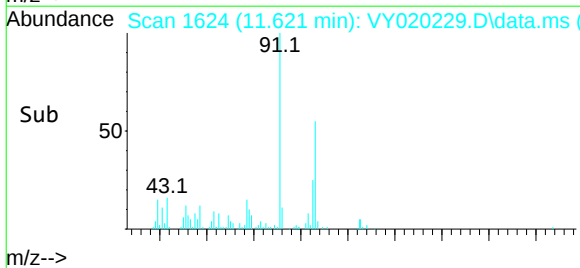
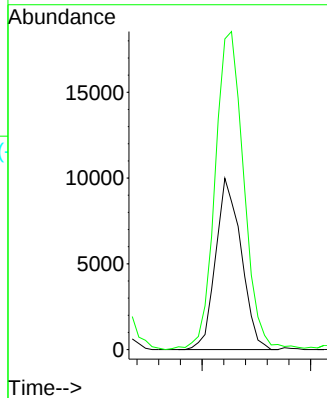
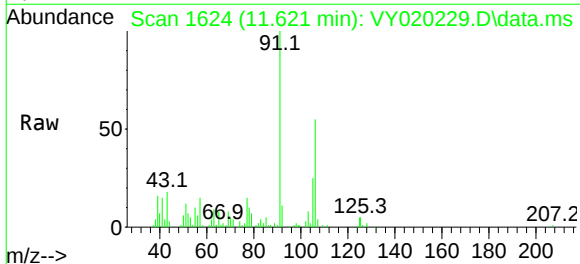
Acq: 08 Nov 2024 13:38

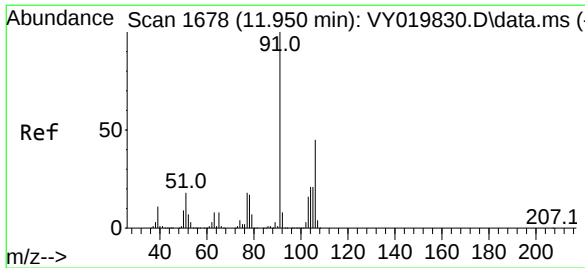
Tgt Ion:106 Resp: 16310

Ion Ratio Lower Upper

106 100

91 208.6 156.0 234.0





#69

o-Xylene

Concen: 1.239 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

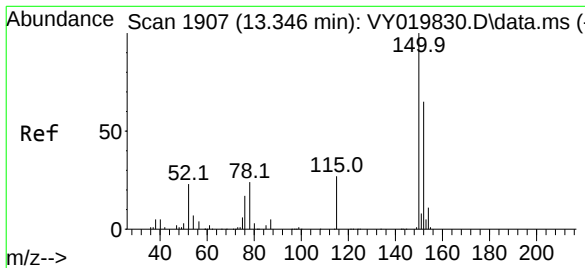
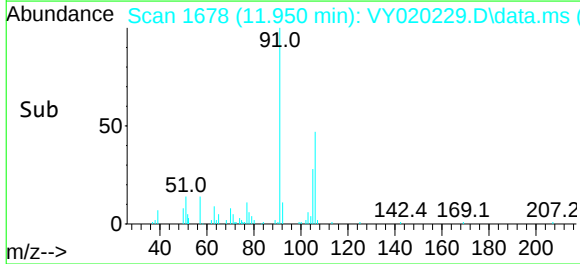
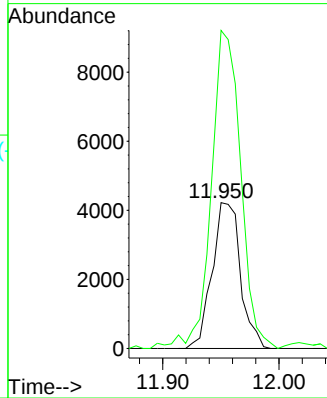
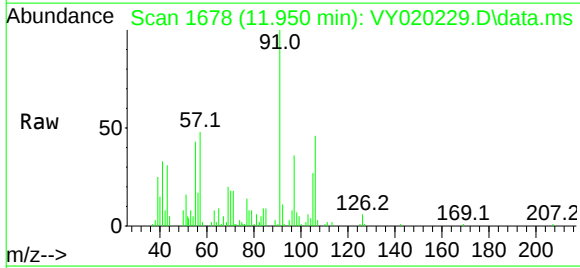
TP-11-VOC

Tgt Ion:106 Resp: 7132

Ion Ratio Lower Upper

106 100

91 226.5 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

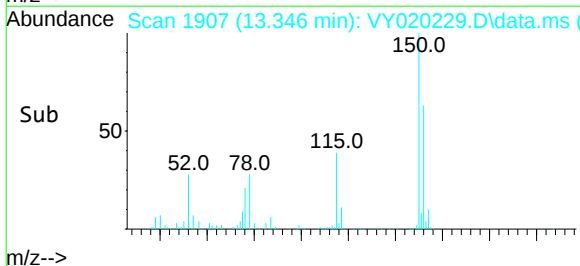
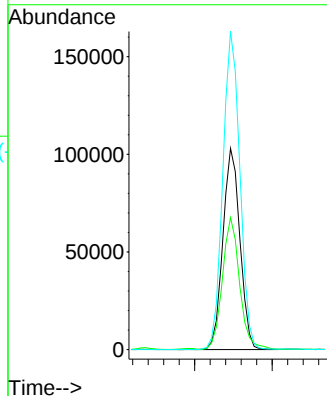
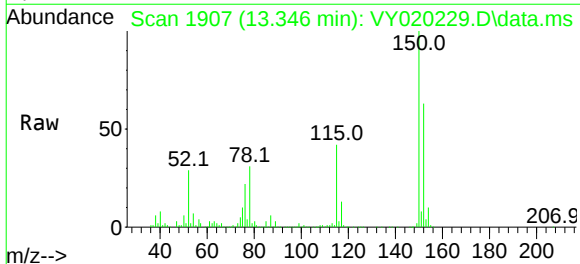
Tgt Ion:152 Resp: 157416

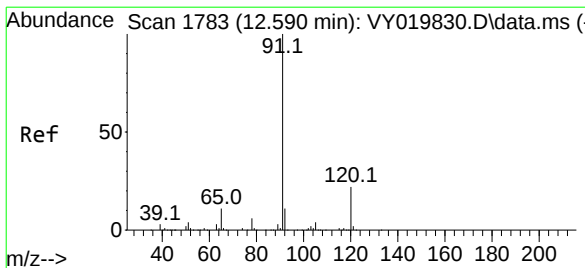
Ion Ratio Lower Upper

152 100

115 65.8 28.2 84.7

150 157.8 0.0 345.6





#78

n-propylbenzene

Concen: 1.446 ug/l

RT: 12.596 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

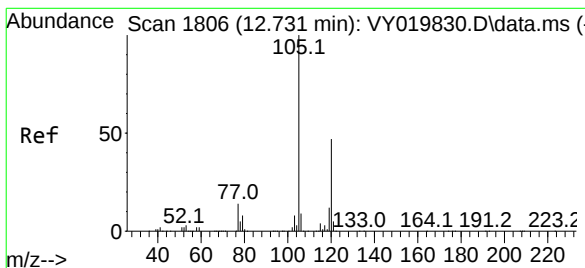
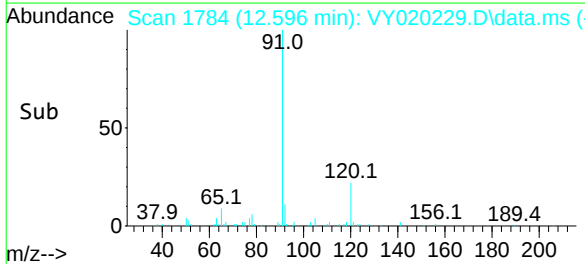
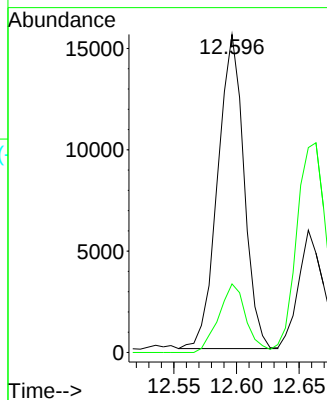
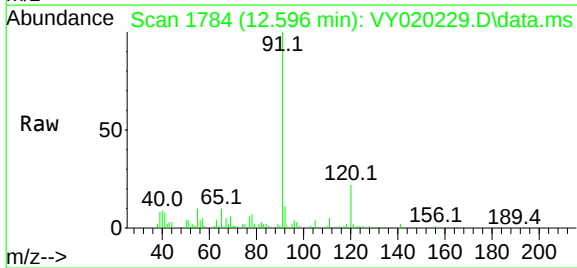
TP-11-VOC

Tgt Ion: 91 Resp: 22632

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 6.749 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020229.D

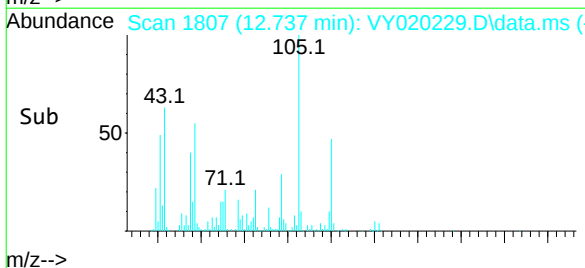
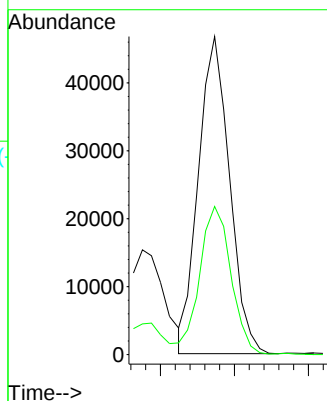
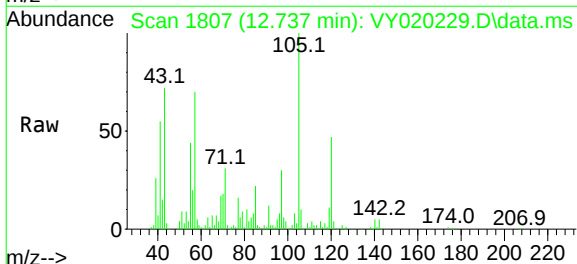
Acq: 08 Nov 2024 13:38

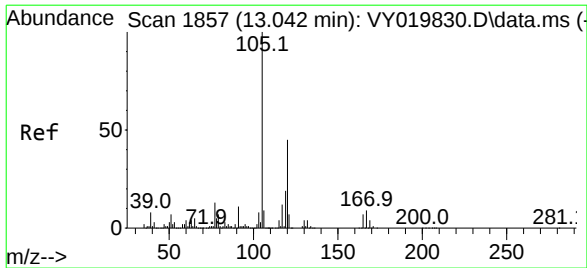
Tgt Ion: 105 Resp: 68133

Ion Ratio Lower Upper

105 100

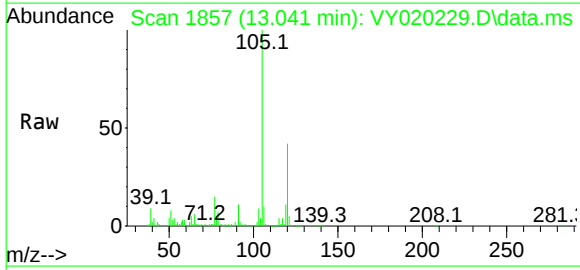
120 47.2 25.1 75.2





#84
 1,2,4-Trimethylbenzene
 Concen: 14.418 ug/l
 RT: 13.041 min Scan# 18
 Delta R.T. -0.006 min
 Lab File: VY020229.D
 Acq: 08 Nov 2024 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-VOC



Tgt Ion:105 Resp: 144173
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.2 69.6

