

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020104.D
 Acq On : 31 Oct 2024 18:56
 Operator : SY/MD
 Sample : P4594-15
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Nov 01 03:52:03 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)

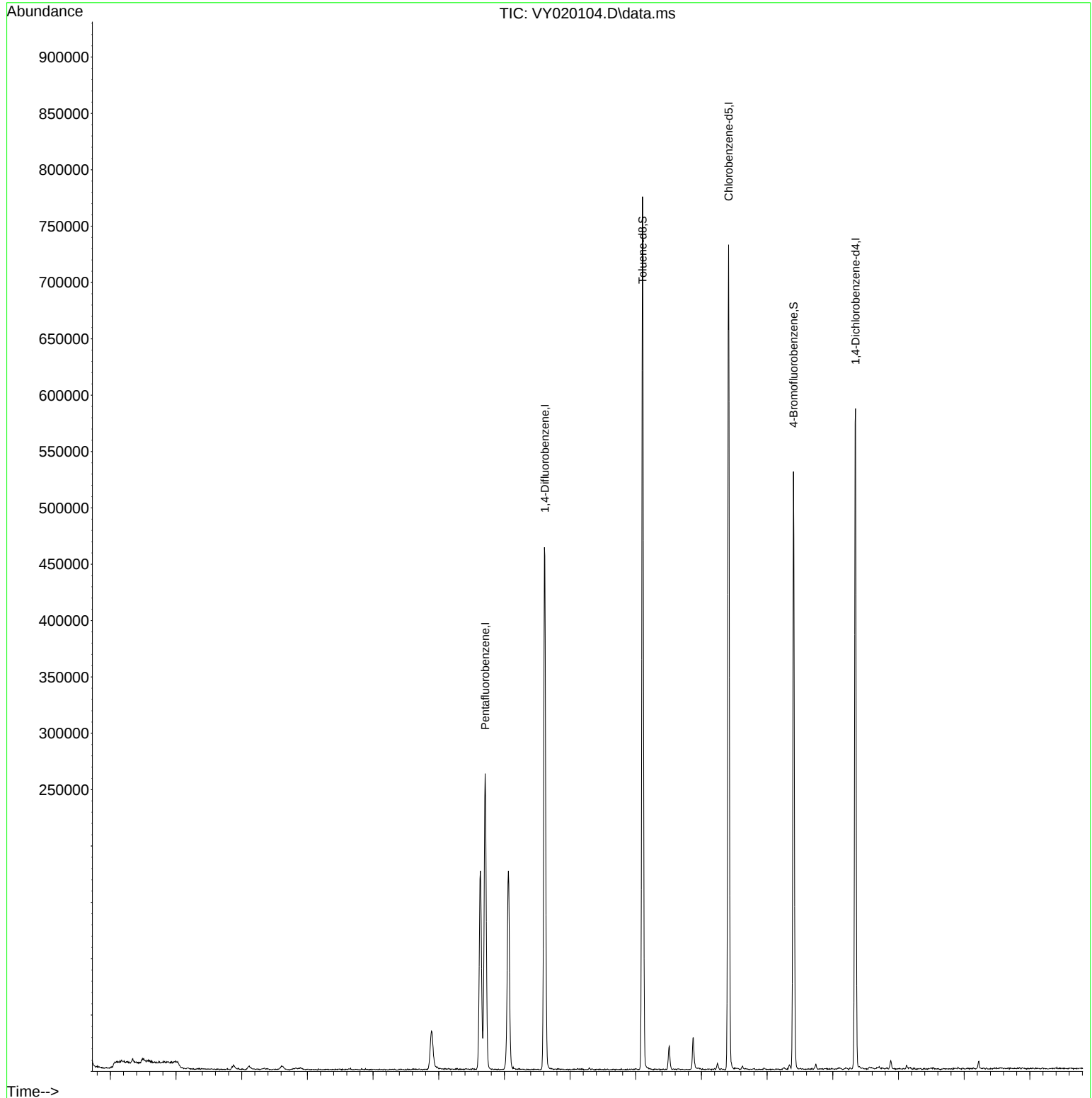
Internal Standards						
1) Pentafluorobenzene	7.707	168	177773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	372847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	352088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135212	60.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.880%
35) Dibromofluoromethane	7.634	113	124656	52.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.103	98	468129	49.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.401	95	148232	48.364	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.720%
Target Compounds						
16) Acetone	3.872	43	6621	12.832	ug/l	Qvalue # 80

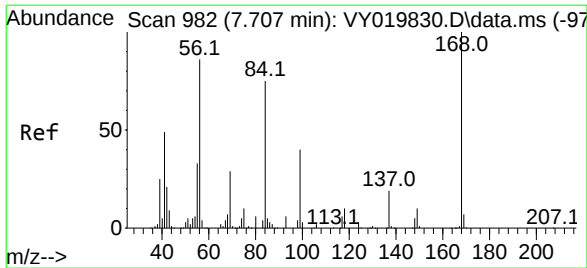
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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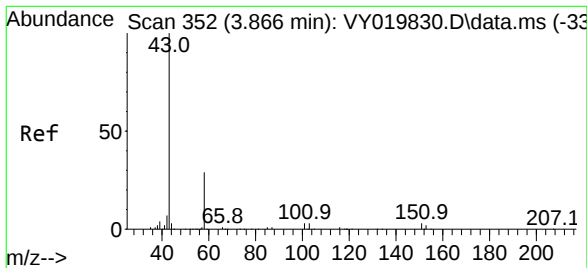
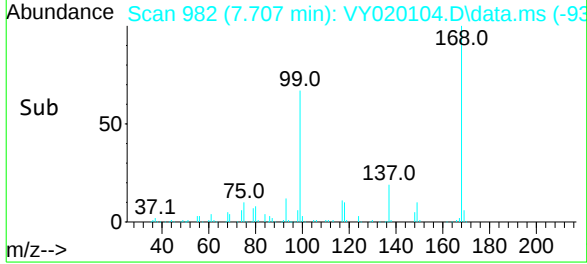
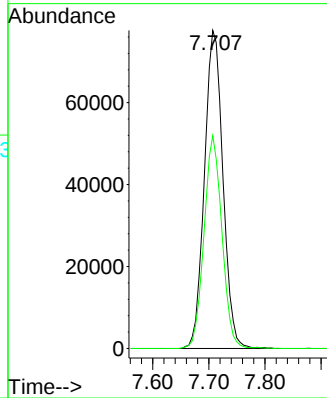
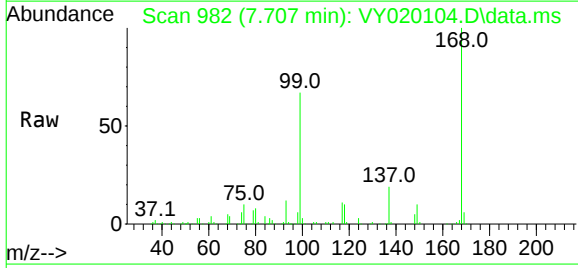




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

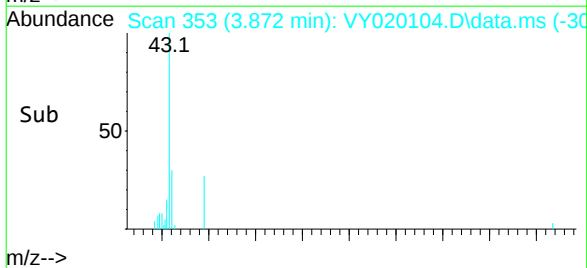
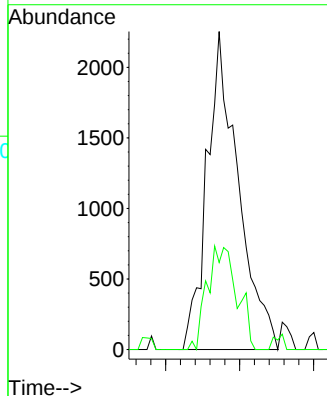
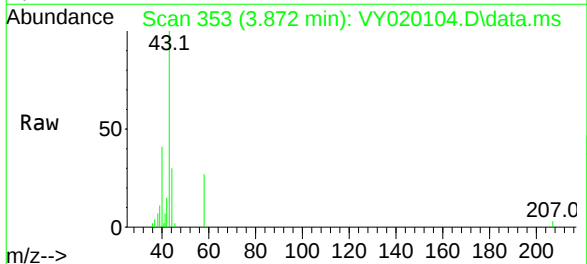
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

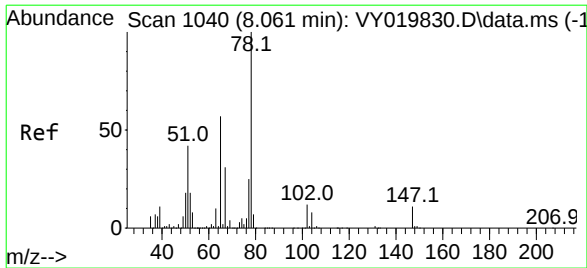
Tgt Ion:168 Resp: 177773
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#16
Acetone
Concen: 12.832 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Tgt Ion: 43 Resp: 6621
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#

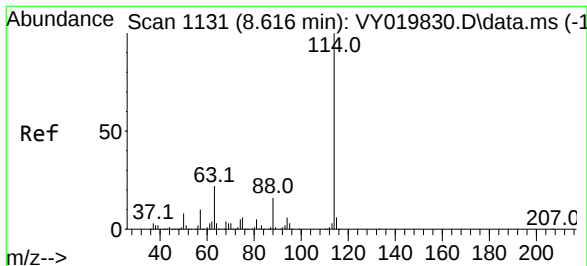
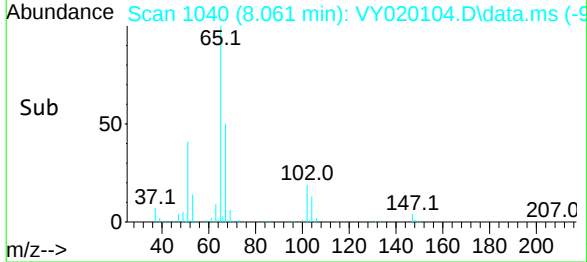
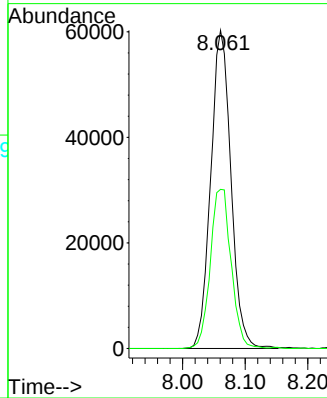
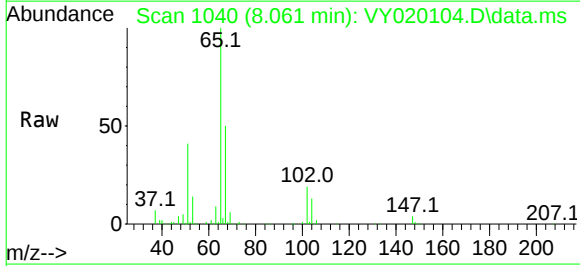




#33
1,2-Dichloroethane-d4
Concen: 60.941 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

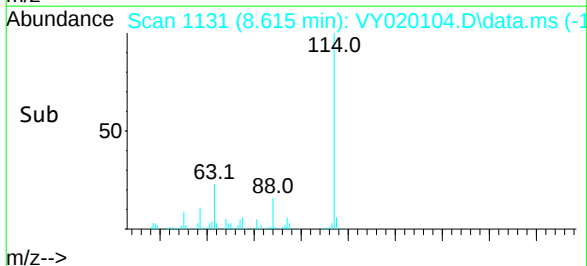
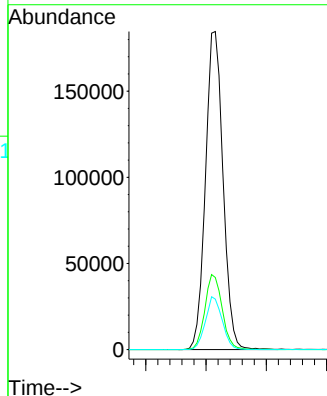
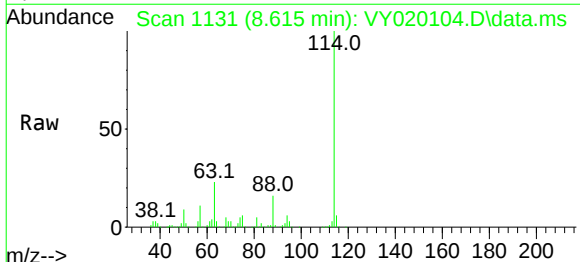
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

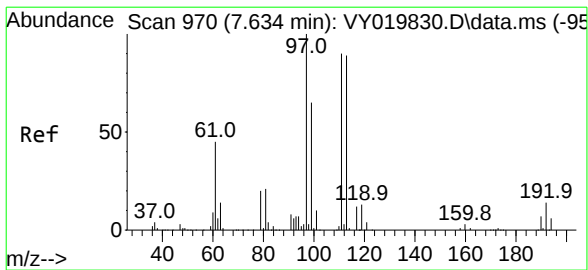
Tgt Ion: 65 Resp: 135212
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Tgt Ion: 114 Resp: 372847
Ion Ratio Lower Upper
114 100
63 22.7 0.0 35.0
88 15.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.585 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

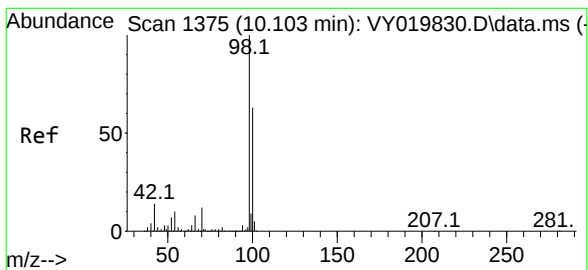
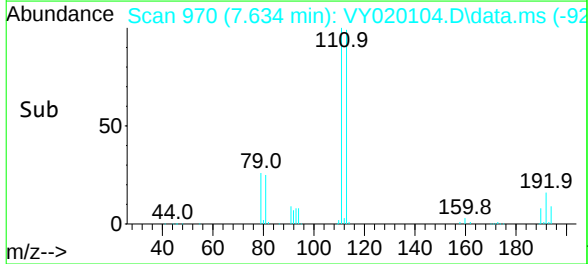
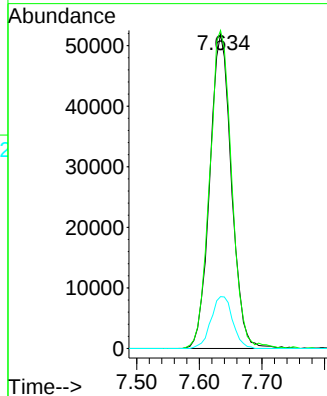
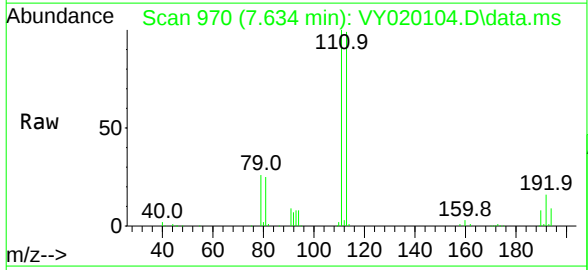
Tgt Ion:113 Resp: 124656

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.5 15.9 23.9



#50

Toluene-d8

Concen: 49.611 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020104.D

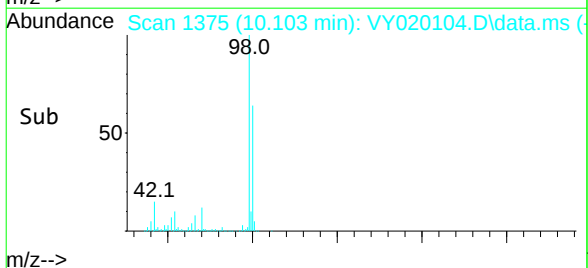
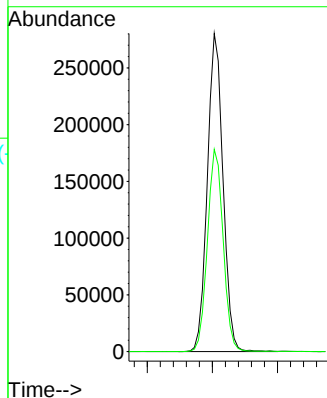
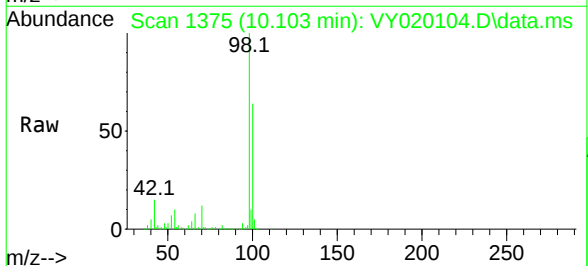
Acq: 31 Oct 2024 18:56

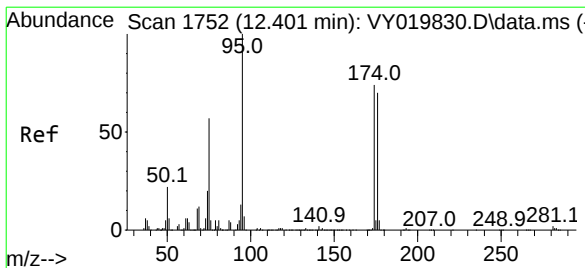
Tgt Ion: 98 Resp: 468129

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.364 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

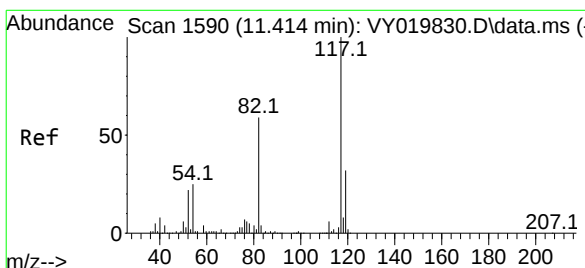
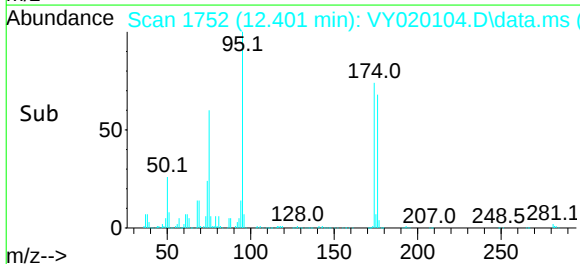
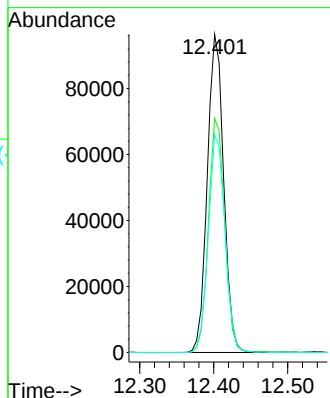
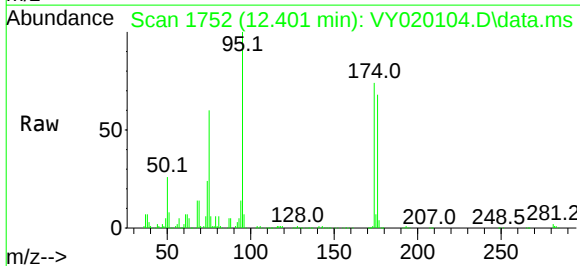
Tgt Ion: 95 Resp: 148232

Ion Ratio Lower Upper

95 100

174 73.2 0.0 175.6

176 69.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

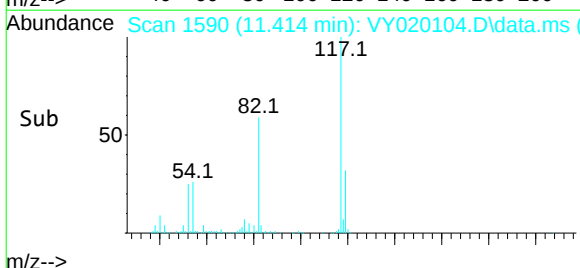
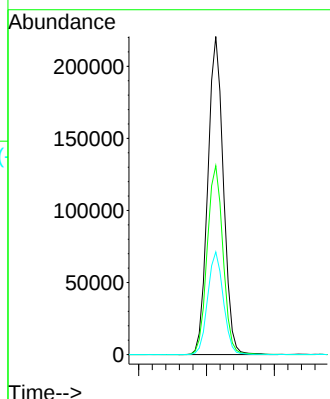
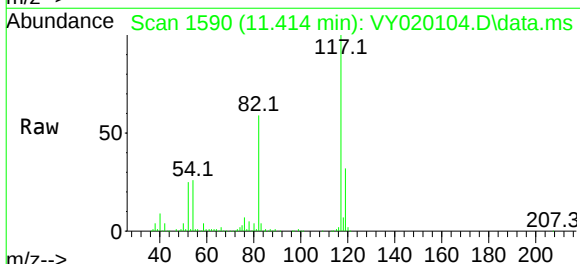
Tgt Ion: 117 Resp: 352088

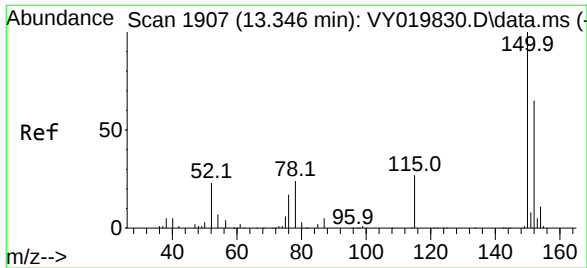
Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

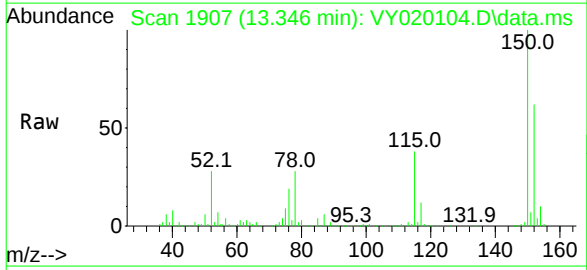
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020104.D
 Acq: 31 Oct 2024 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC



Tgt Ion:	152	Resp:	131934
Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	159.2	0.0	345.6

