

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020011.D
 Acq On : 24 Oct 2024 15:56
 Operator : SY/MD
 Sample : P4508-03
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

Quant Time: Oct 25 01:41:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

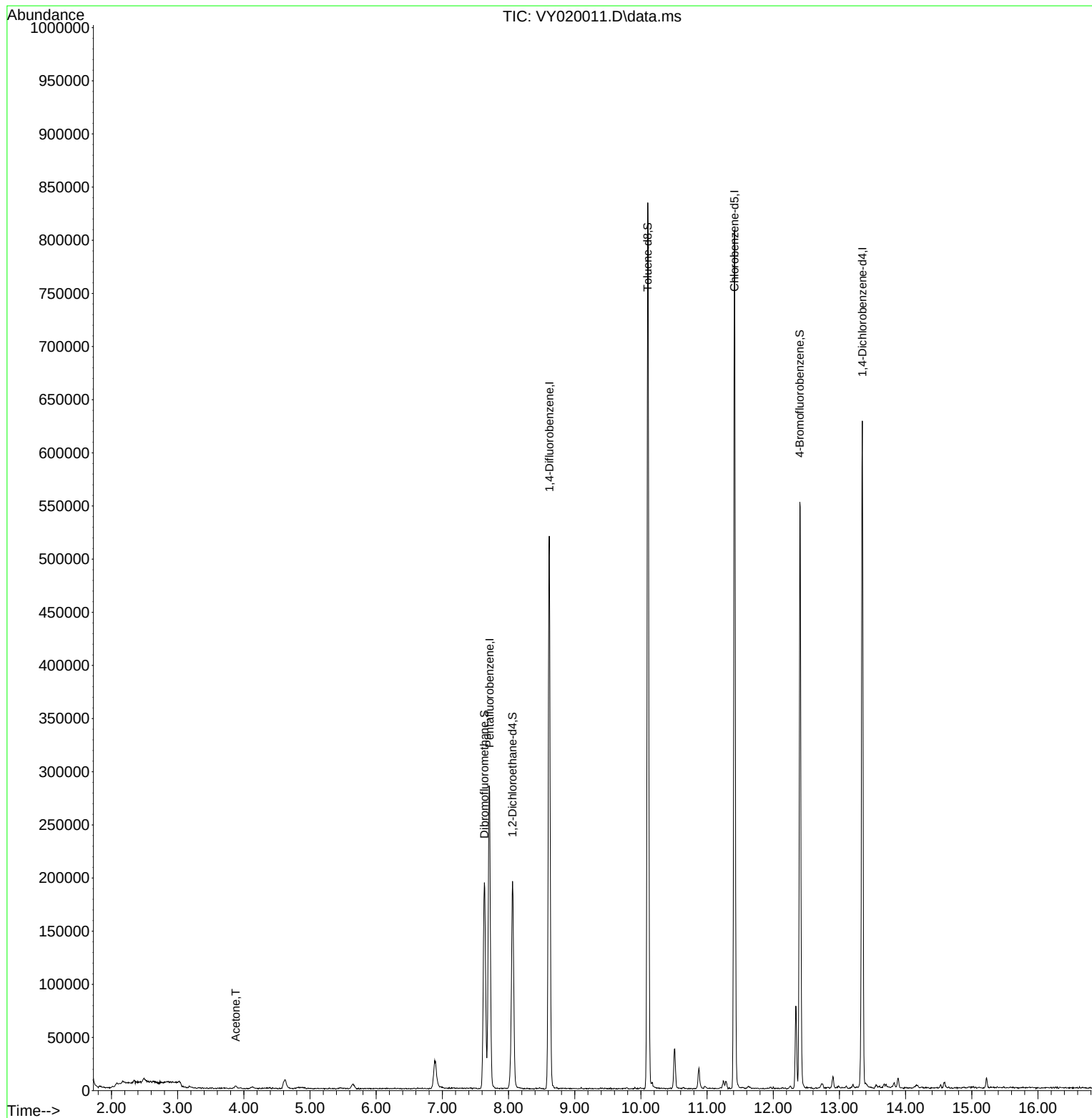
Internal Standards						
1) Pentafluorobenzene	7.713	168	196333	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	412525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	380901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143247	59.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.520%	
35) Dibromofluoromethane	7.634	113	138404	50.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.103	98	518350	51.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.402	95	161037	44.334	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.660%	
Target Compounds						
16) Acetone	3.879	43	4193	6.663	ug/l	# 70

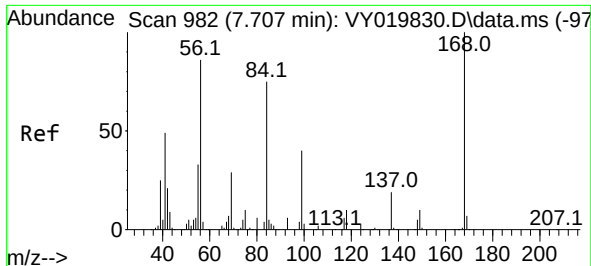
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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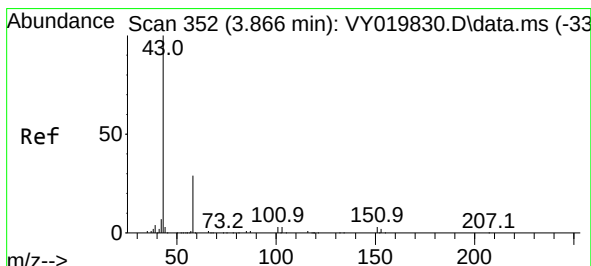
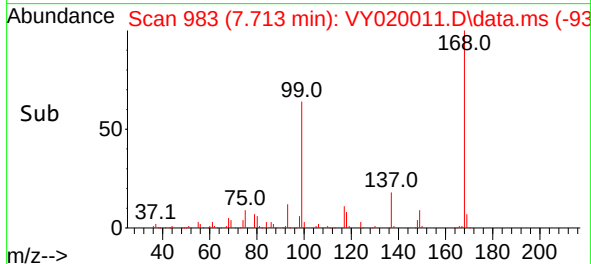
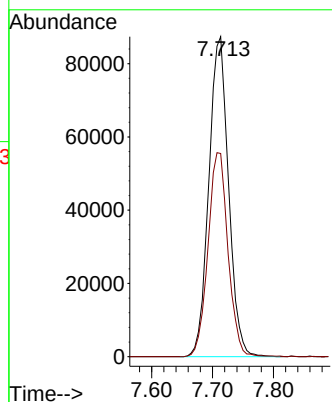
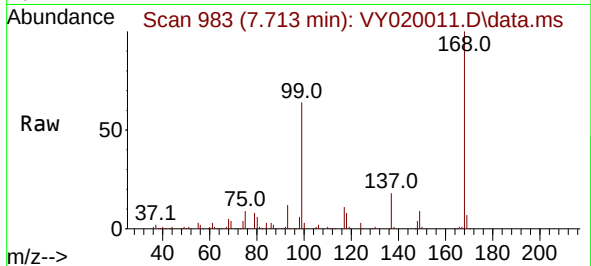




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

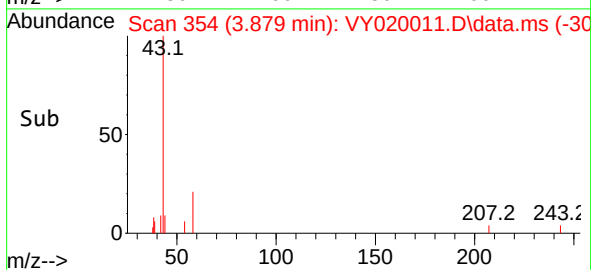
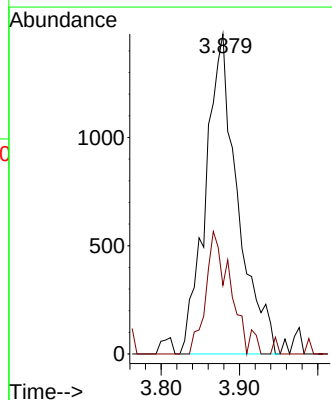
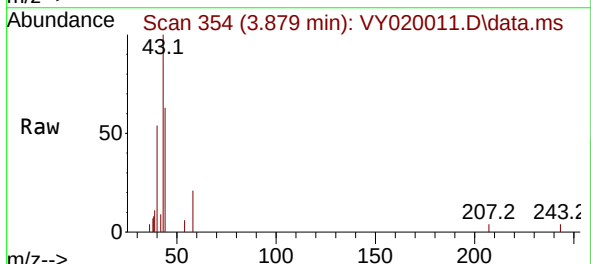
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

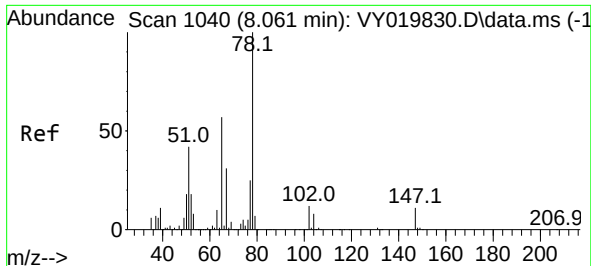
Tgt Ion:168 Resp: 196333
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#16
Acetone
Concen: 6.663 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020011.D
Acq: 24 Oct 2024 15:56

Tgt Ion: 43 Resp: 4193
Ion Ratio Lower Upper
43 100
58 21.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 59.256 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

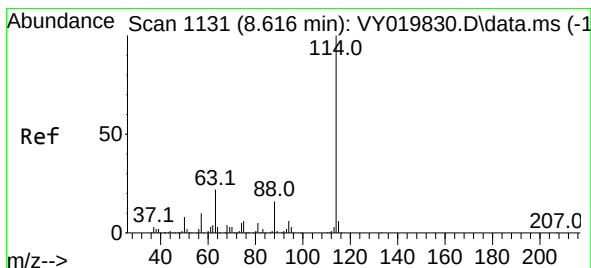
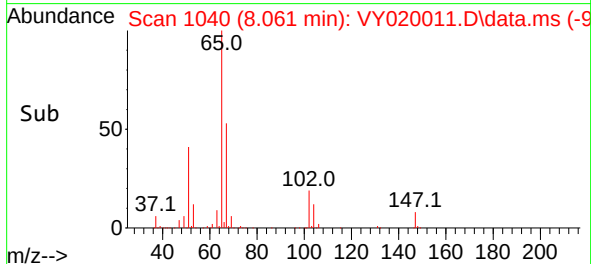
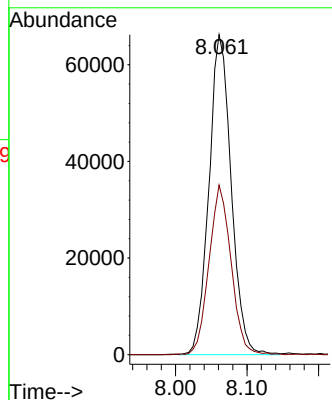
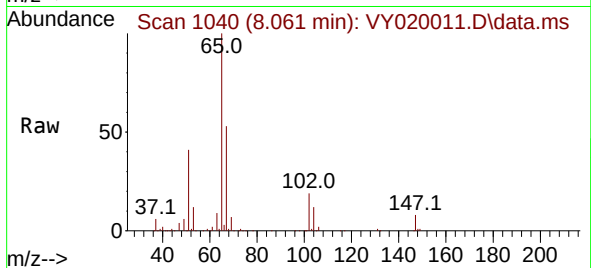
TP-3-VOC

Tgt Ion: 65 Resp: 143247

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

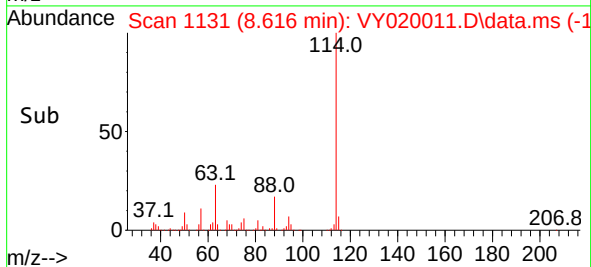
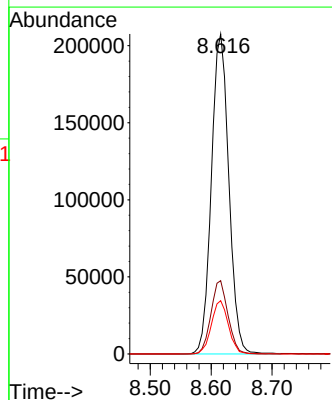
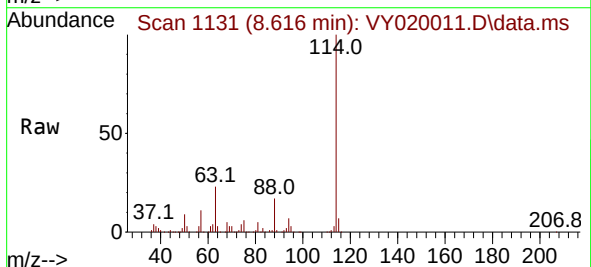
Tgt Ion: 114 Resp: 412525

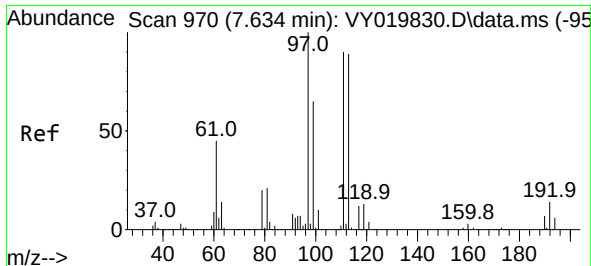
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 16.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.842 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOC

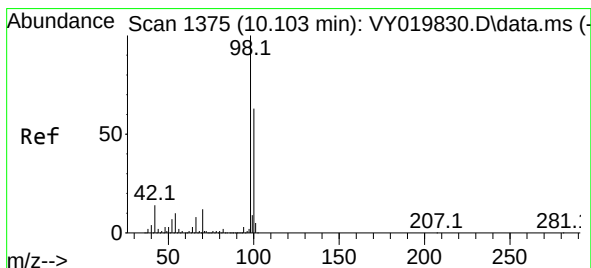
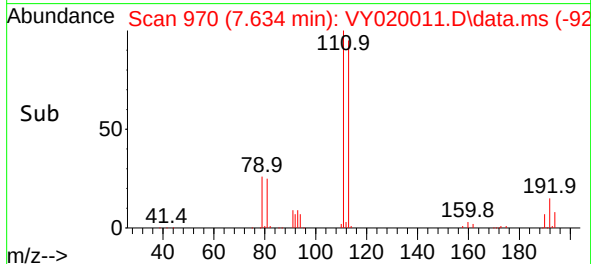
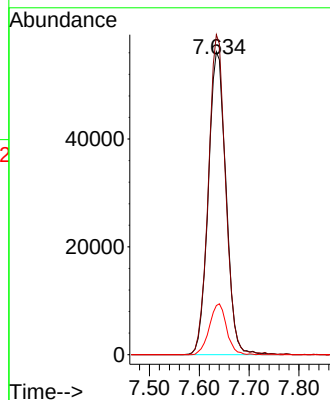
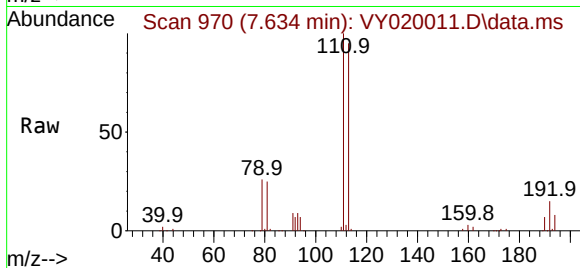
Tgt Ion:113 Resp: 138404

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 16.3 15.9 23.9



#50

Toluene-d8

Concen: 51.563 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020011.D

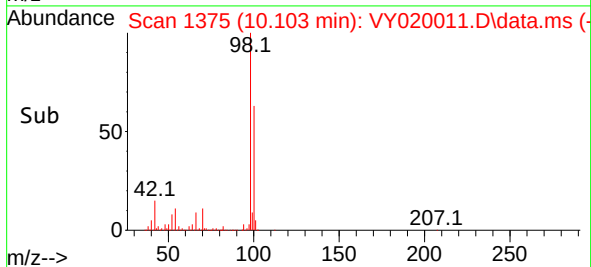
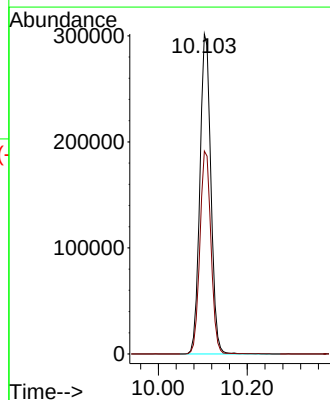
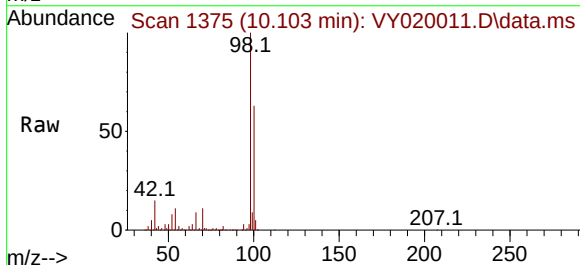
Acq: 24 Oct 2024 15:56

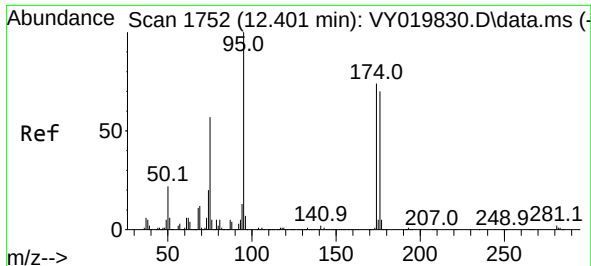
Tgt Ion: 98 Resp: 518350

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 44.334 ug/l

RT: 12.402 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020011.D

Acq: 24 Oct 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOC

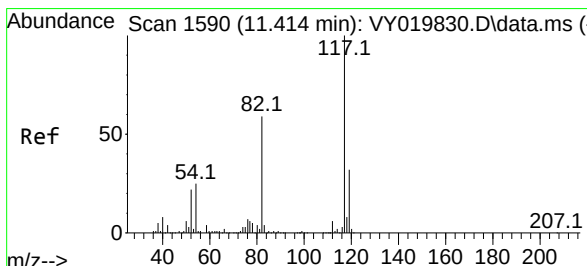
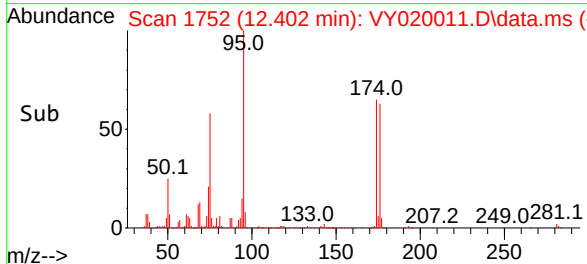
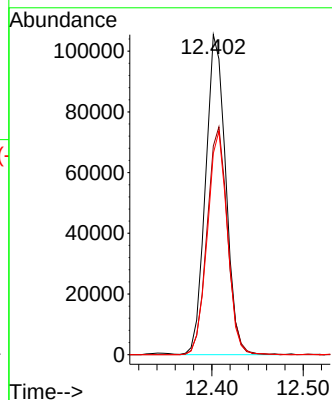
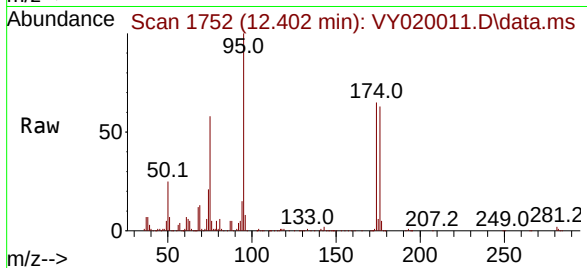
Tgt Ion: 95 Resp: 161037

Ion Ratio Lower Upper

95 100

174 72.1 0.0 175.6

176 69.5 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: VY020011.D

Acq: 24 Oct 2024 15:56

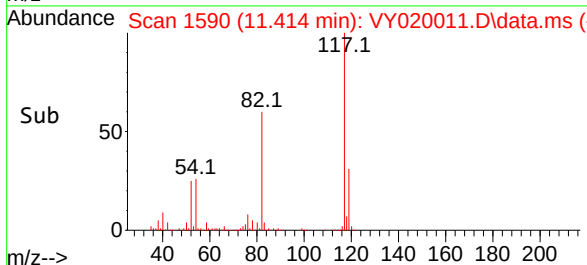
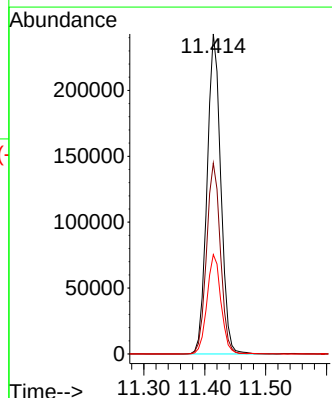
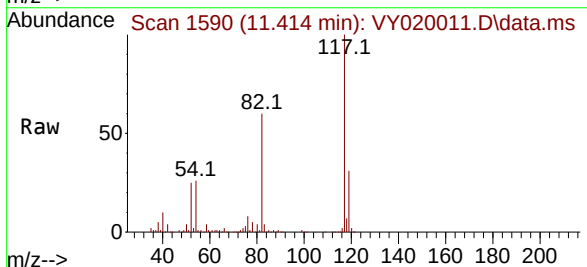
Tgt Ion: 117 Resp: 380901

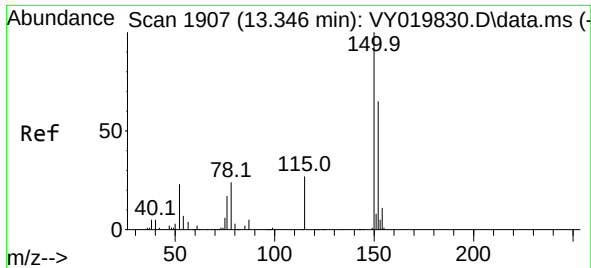
Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 31.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020011.D
 Acq: 24 Oct 2024 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

Tgt Ion:152 Resp: 137434

Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.2	84.7
150	159.3	0.0	345.6

