

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000967.D
 Acq On : 16 Dec 2019 19:53
 Operator : SY/MD
 Sample : K6333-06
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1A-VOC

Quant Time: Dec 17 08:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

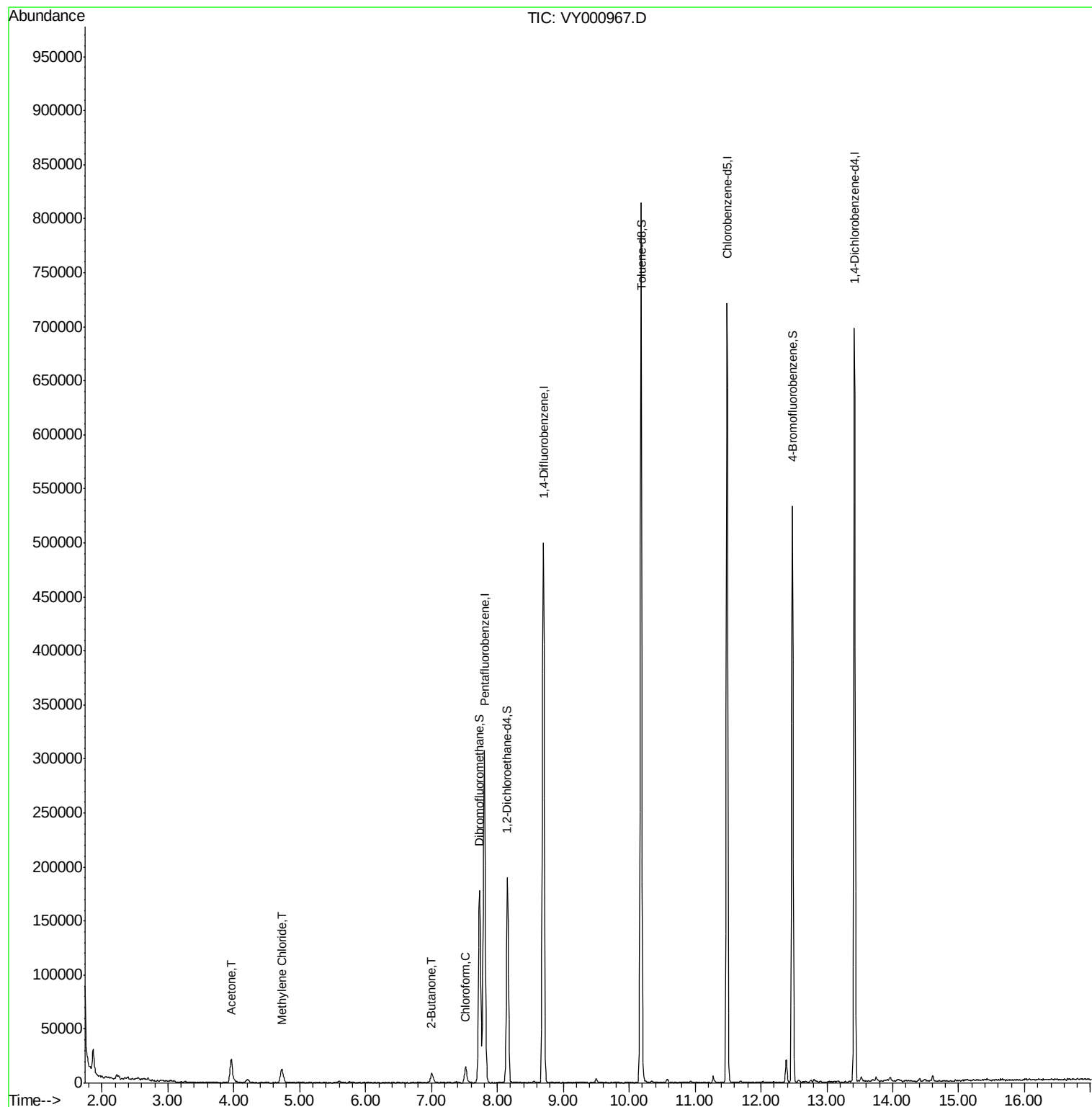
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	436828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138396	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.40%	
35) Dibromofluoromethane	7.73	113	124845	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.18	98	518640	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.48	95	169948	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
16) Acetone	3.96	43	36144	63.413	ug/l	100
20) Methylene Chloride	4.72	84	9004	2.997	ug/l	93
25) 2-Butanone	7.00	43	14770	14.028	ug/l	95
30) Chloroform	7.52	83	13338	2.670	ug/l #	80

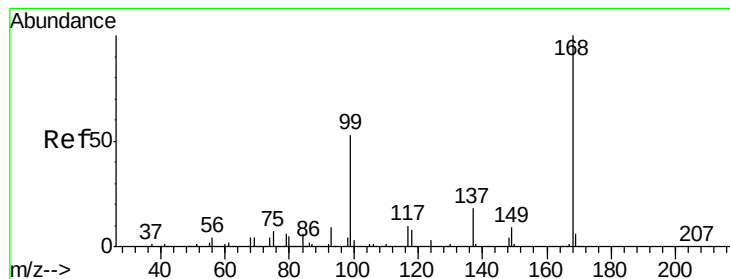
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

Instrument :

MSVOA_Y

ClientSampleId :

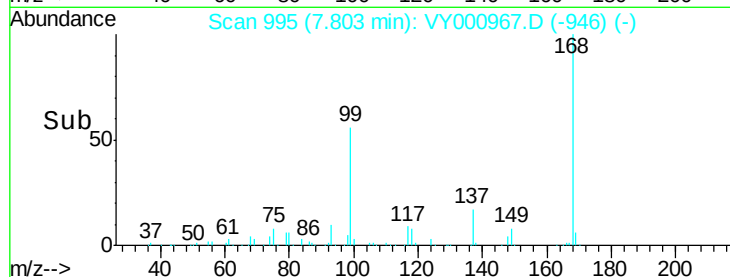
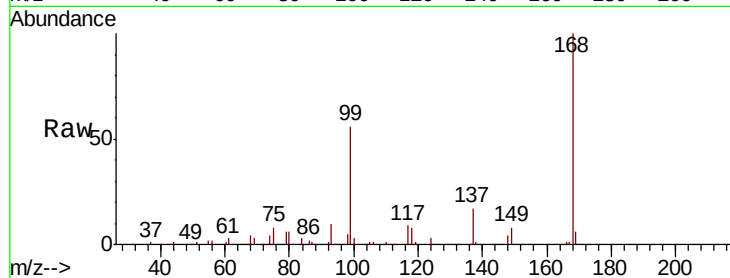
TP-1A-VOC

Tot Ion:168 Resp: 233830

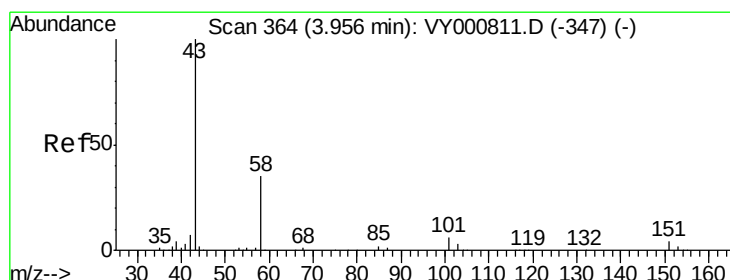
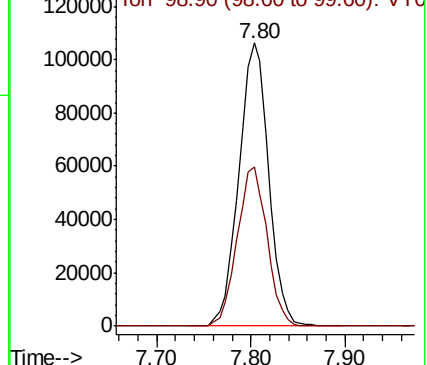
Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000967.D (-946) (-)



#16

Acetone

Concen: 63.413 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000967.D

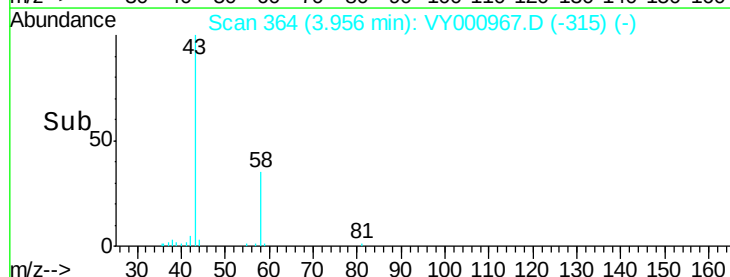
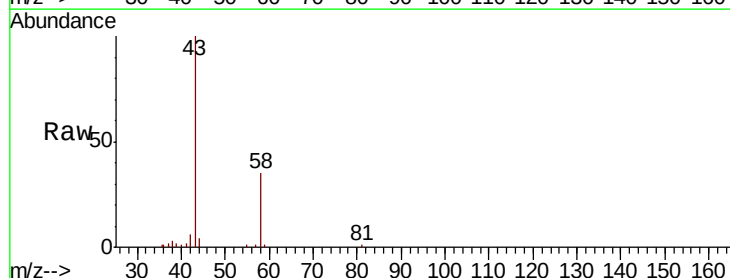
Acq: 16 Dec 2019 19:53

Tgt Ion: 43 Resp: 36144

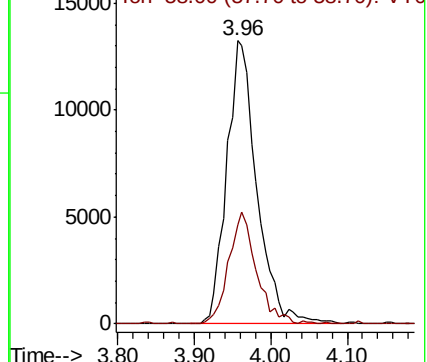
Ion Ratio Lower Upper

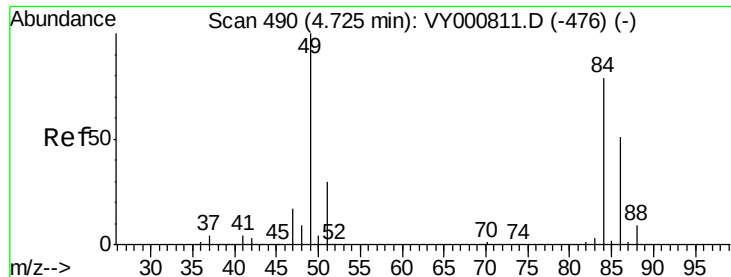
43 100

58 35.0 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000967.D (-315) (-)

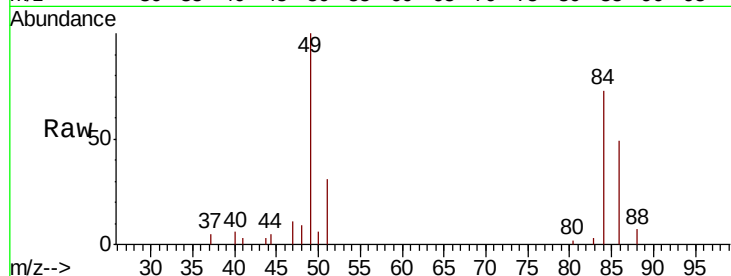




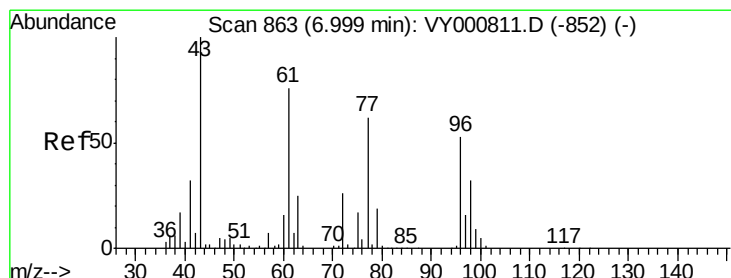
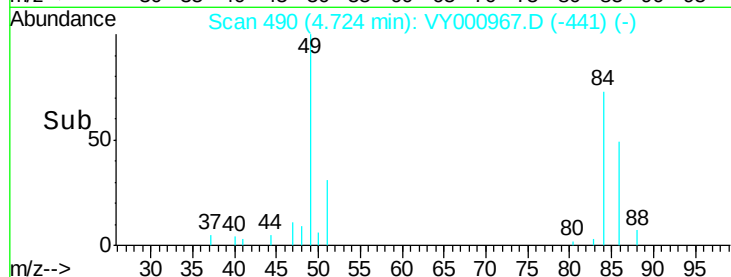
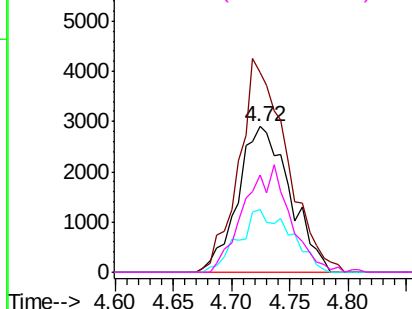
#20
Methvlene Chloride
Concen: 2.997 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000967.D
Acq: 16 Dec 2019 19:53

Instrument :
MSVOA_Y
ClientSampled :
TP-1A-VOC

Tot Ion: 84 Resp: 9004
Ion Ratio Lower Upper
84 100
49 137.2 101.3 151.9
51 42.9 30.6 45.8
86 67.1 51.3 76.9

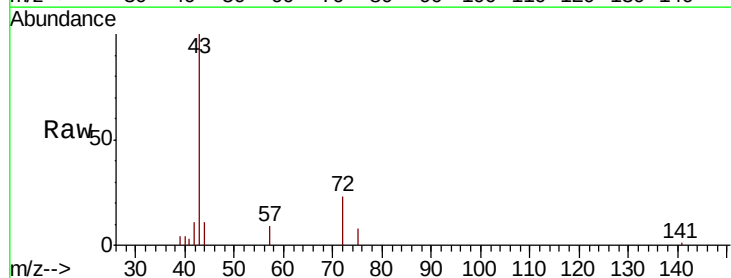


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

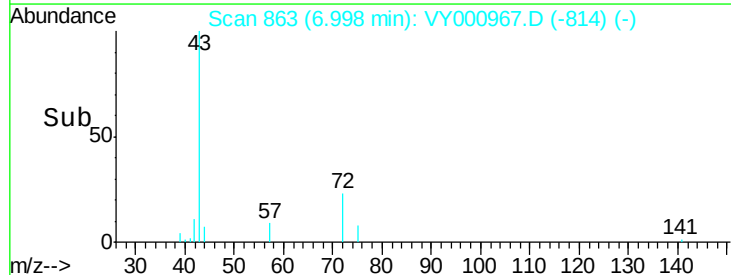
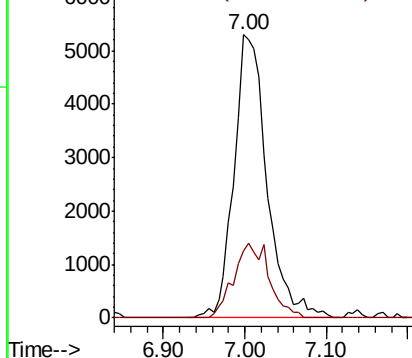


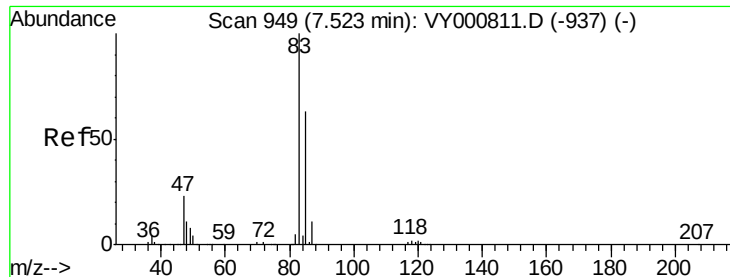
#25
2-Butanone
Concen: 14.028 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000967.D
Acq: 16 Dec 2019 19:53

Tgt Ion: 43 Resp: 14770
Ion Ratio Lower Upper
43 100
72 23.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

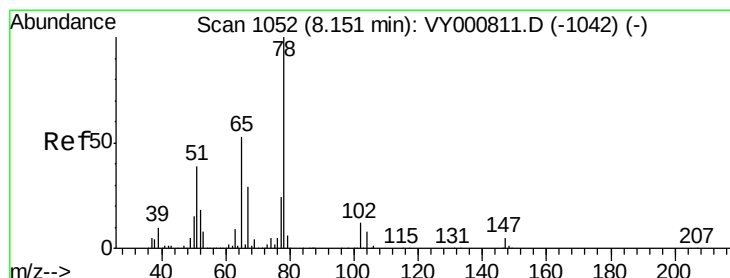
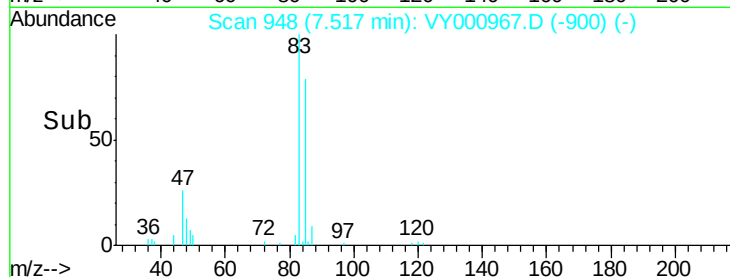
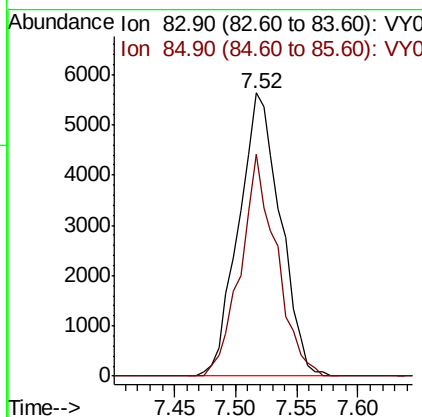
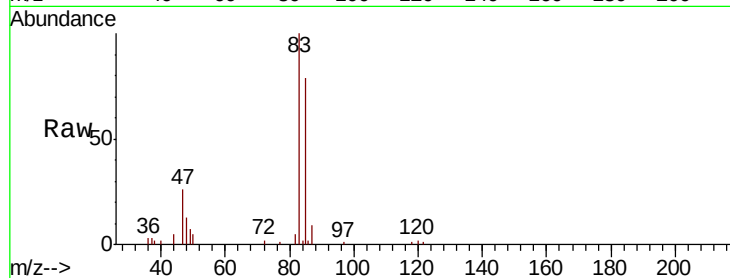




#30
Chloroform
Concen: 2.670 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000967.D
Acq: 16 Dec 2019 19:53

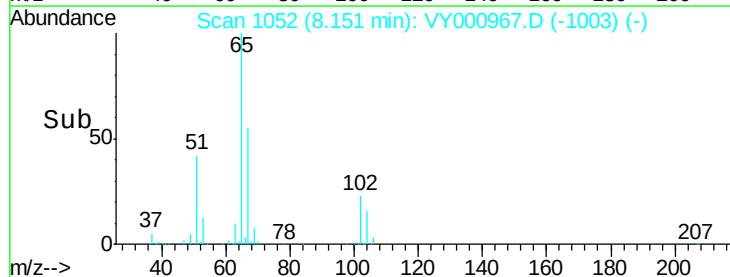
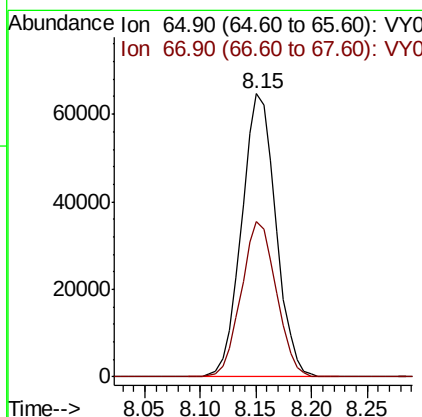
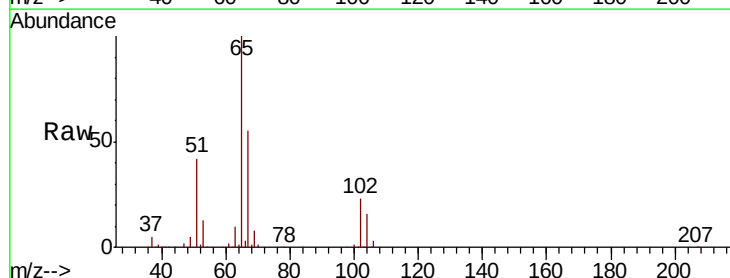
Instrument :
MSVOA_Y
ClientSampleId :
TP-1A-VOC

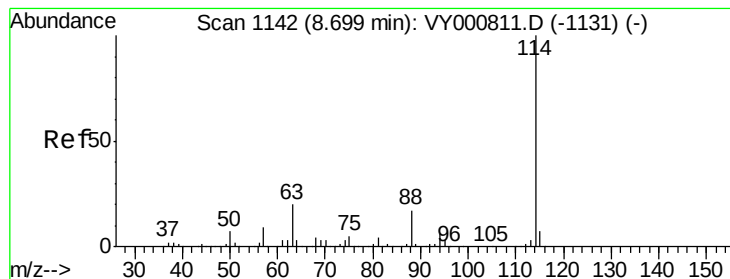
Tot Ion: 83 Resp: 13338
Ion Ratio Lower Upper
83 100
85 78.6 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 55.701 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000967.D
Acq: 16 Dec 2019 19:53

Tgt Ion: 65 Resp: 138396
Ion Ratio Lower Upper
65 100
67 56.1 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-1A-VOC

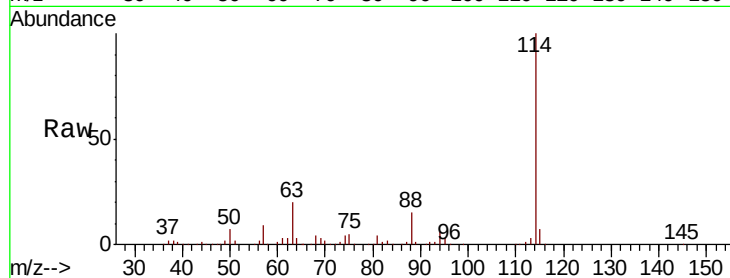
Tot Ion:114 Resp: 436828

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

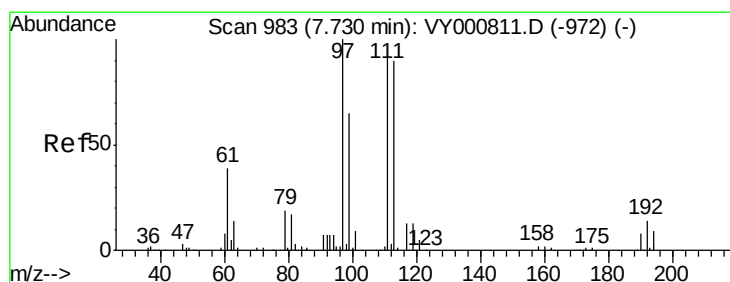
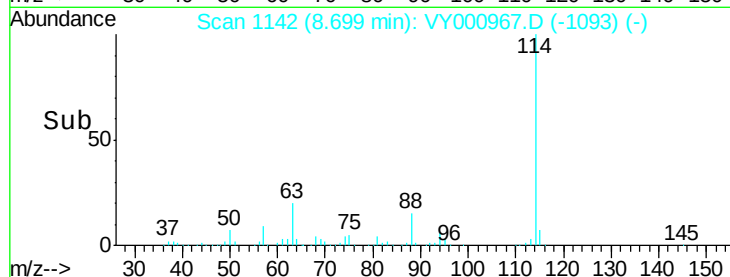
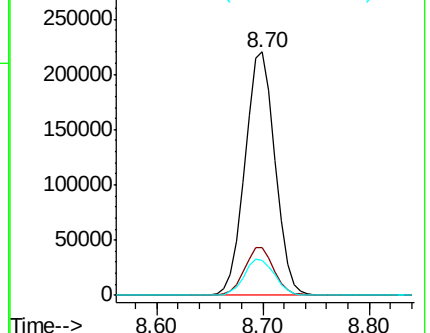
88 14.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.039 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

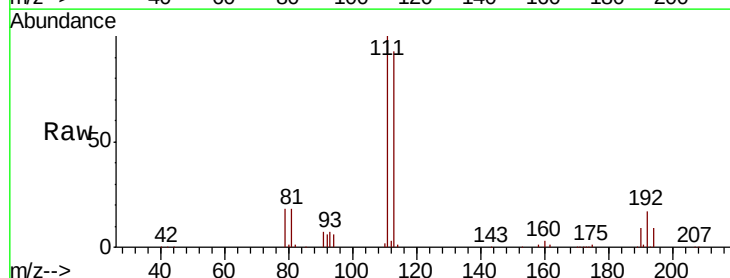
Tgt Ion:113 Resp: 124845

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

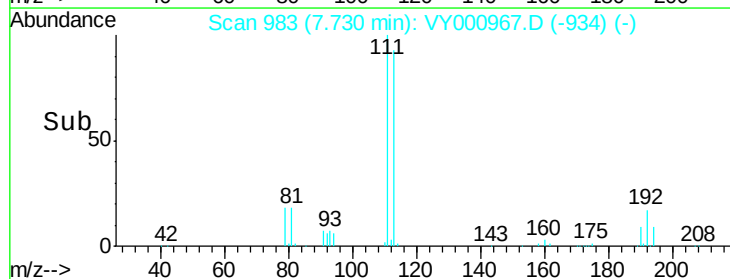
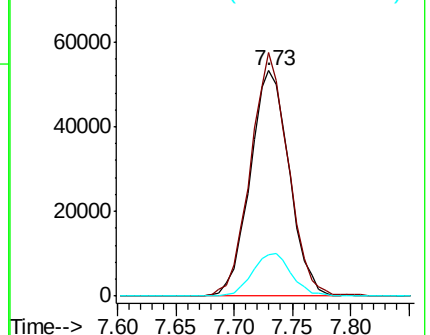
192 18.8 14.2 21.2

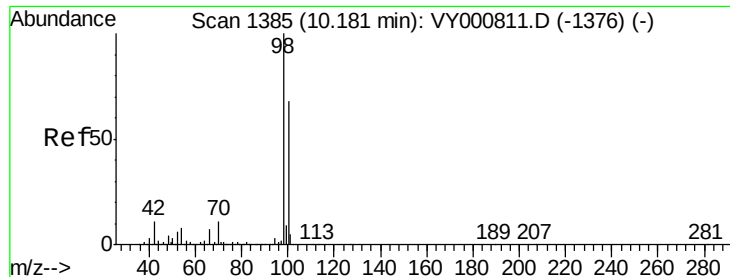


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.956 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

Instrument :

MSVOA_Y

ClientSampleId :

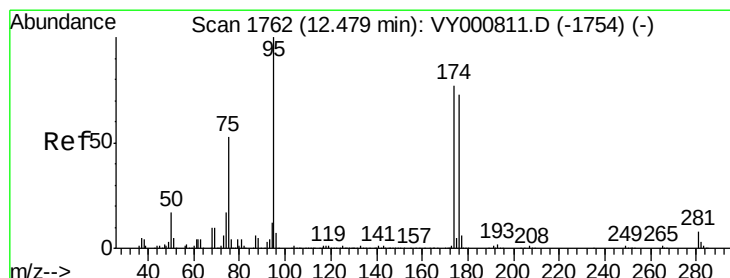
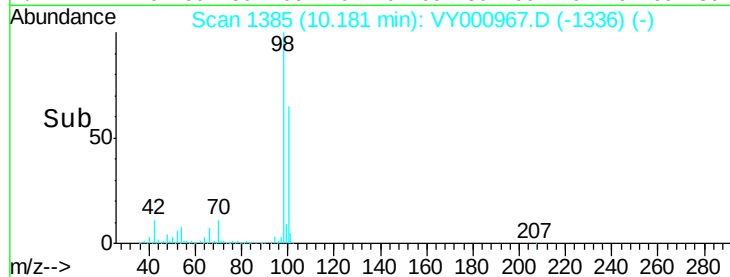
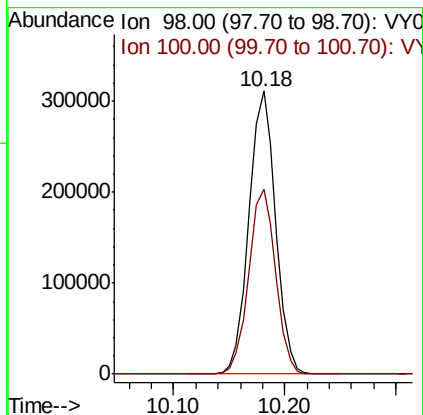
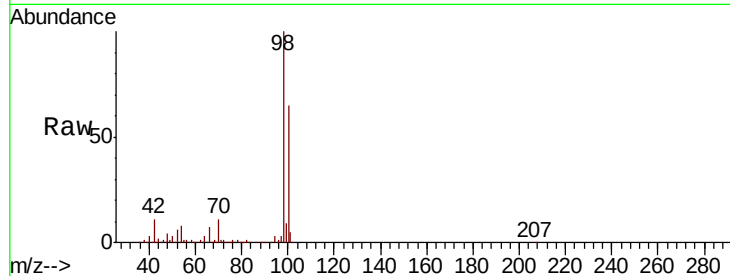
TP-1A-VOC

Tot Ion: 98 Resp: 518640

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.461 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

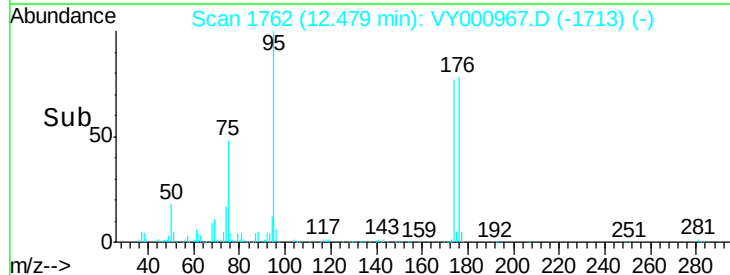
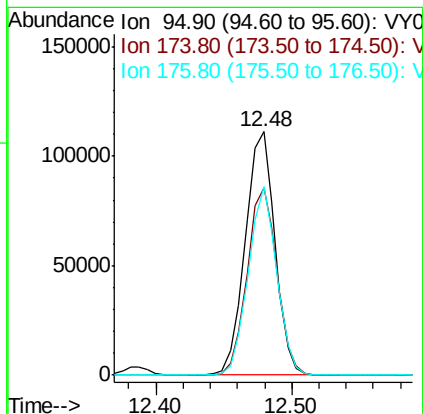
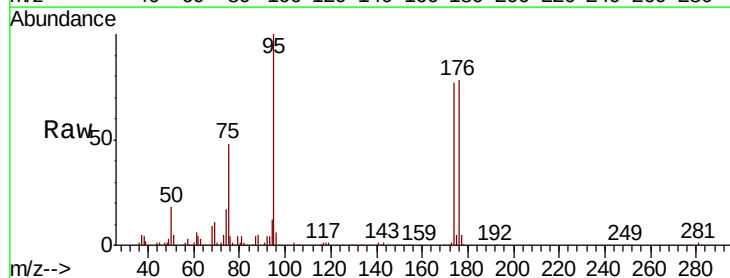
Tgt Ion: 95 Resp: 169948

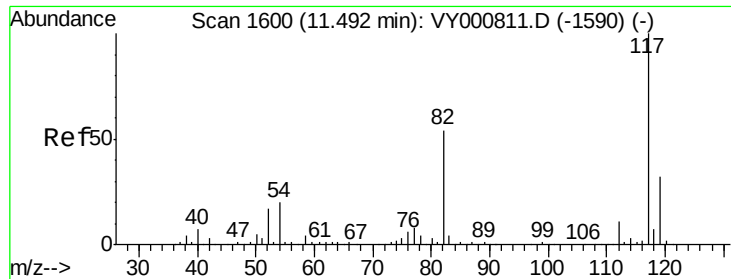
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 74.7 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-1A-VOC

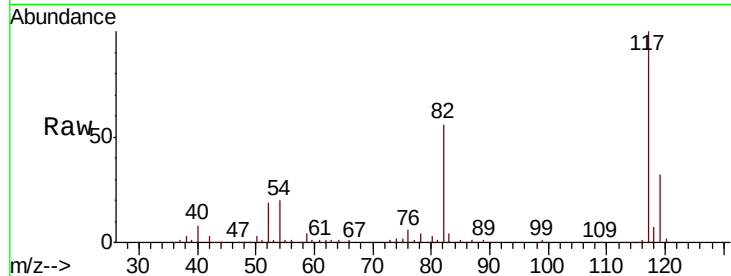
Tot Ion:117 Resp: 389901

Ion Ratio Lower Upper

117 100

82 55.7 43.1 64.7

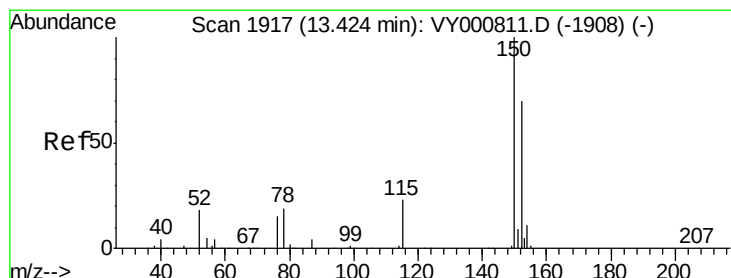
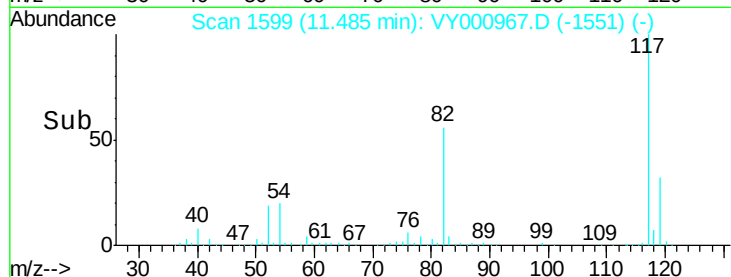
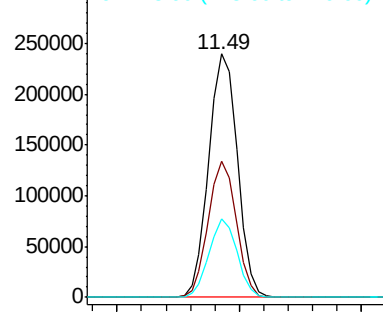
119 32.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000967.D

Acq: 16 Dec 2019 19:53

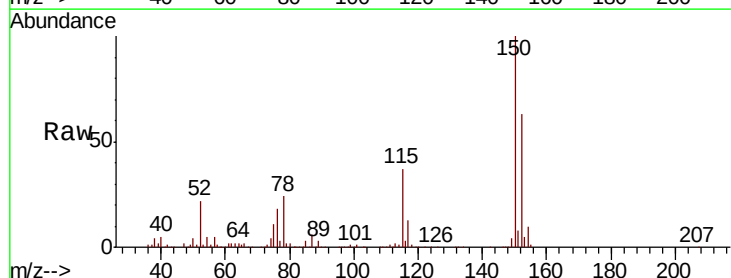
Tgt Ion:152 Resp: 167722

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.8

150 160.9 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

