

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000952.D
 Acq On : 16 Dec 2019 14:20
 Operator : SY/MD
 Sample : K6117-04
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-121319

Quant Time: Dec 17 08:56:24 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

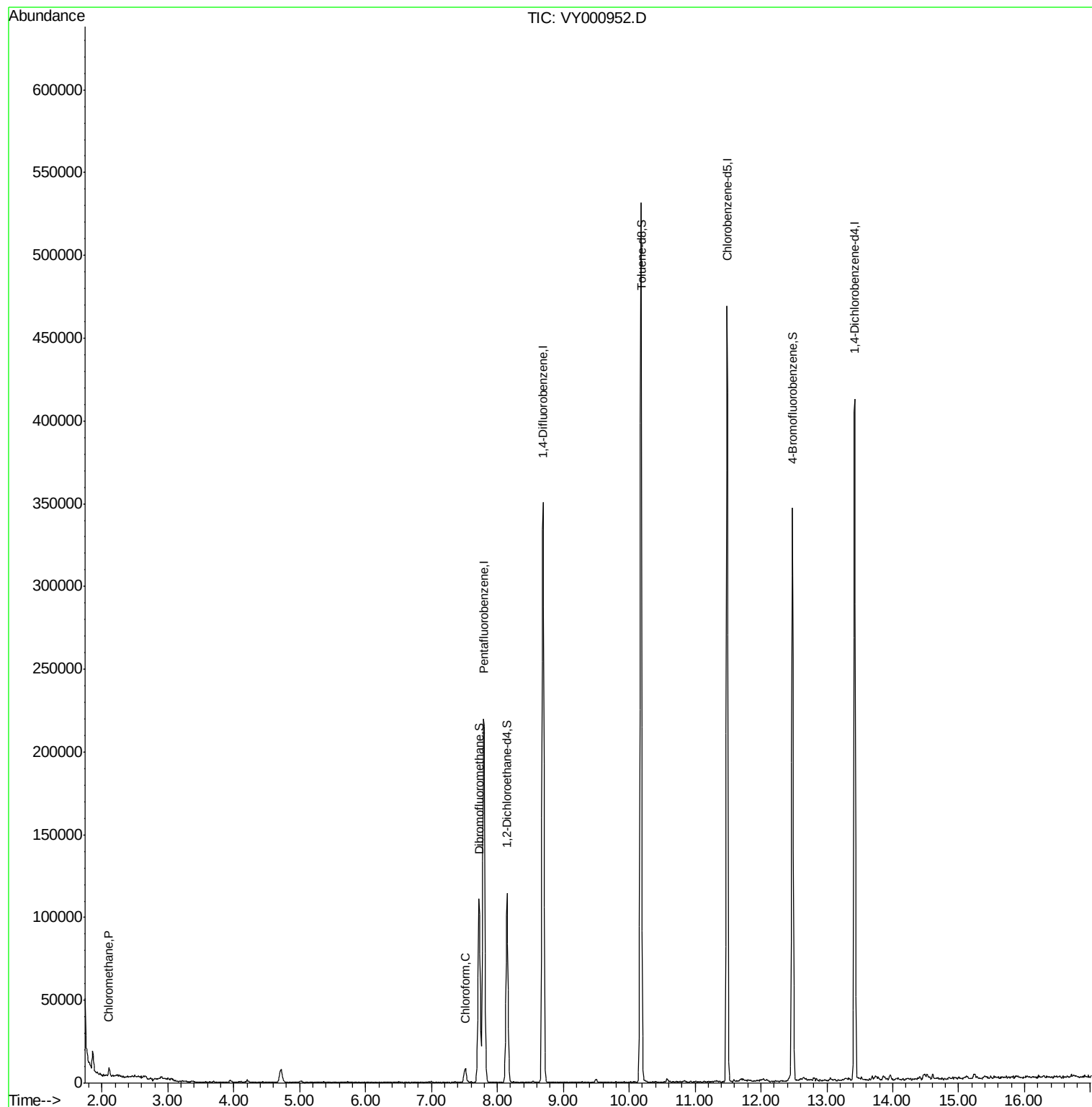
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	172894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	303428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	246814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	85363	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	7.72	113	81404	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
50) Toluene-d8	10.18	98	354266	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.48	95	104820	39.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.96%	
Target Compounds						
3) Chloromethane	2.11	50	3783	1.649	ug/l	97
30) Chloroform	7.51	83	8937	2.419	ug/l #	80

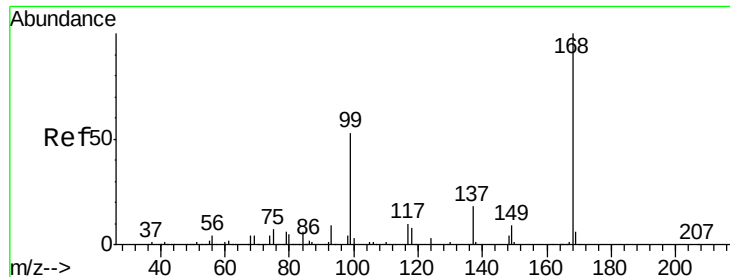
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000952.D

Acq: 16 Dec 2019 14:20

Instrument :

MSVOA_Y

ClientSampleId :

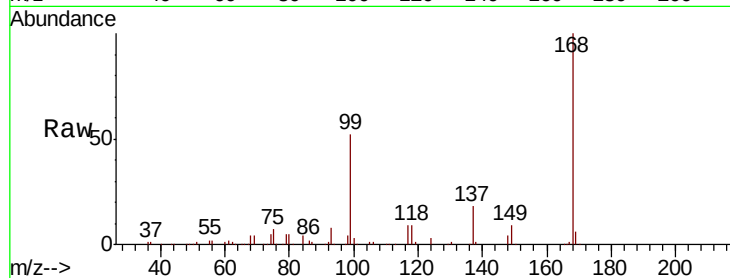
TR-05-121319

Tot Ion:168 Resp: 172894

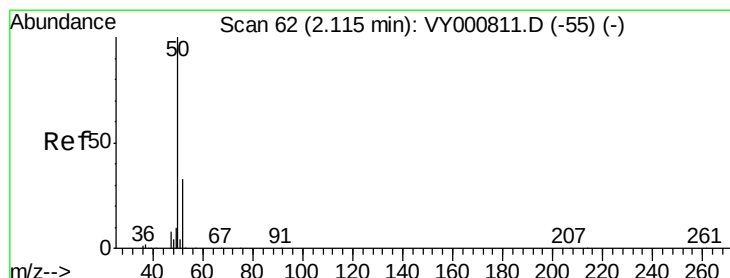
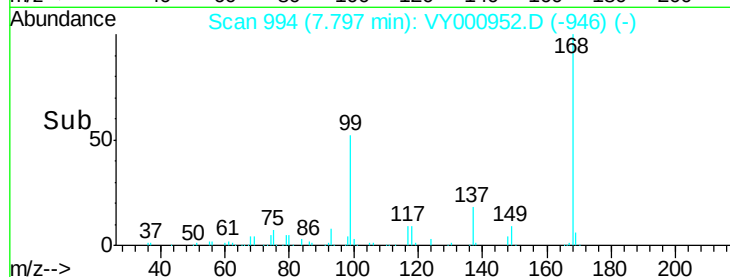
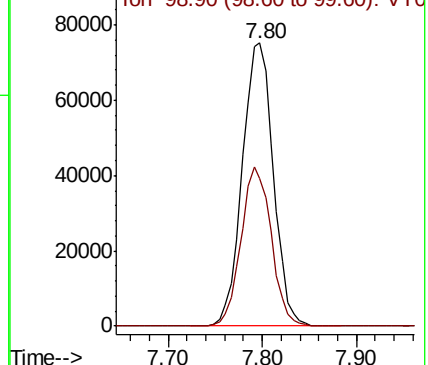
Ion Ratio Lower Upper

168 100

99 52.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000952.D (-946) (-)



#3

Chloromethane

Concen: 1.649 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000952.D

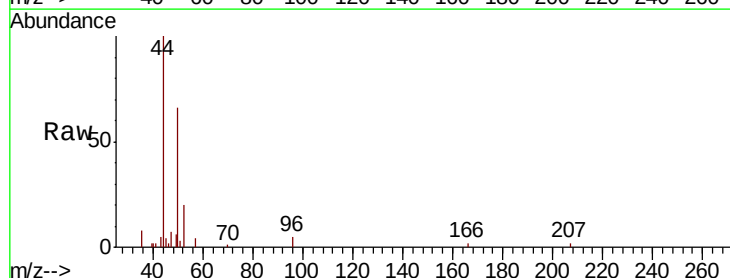
Acq: 16 Dec 2019 14:20

Tgt Ion: 50 Resp: 3783

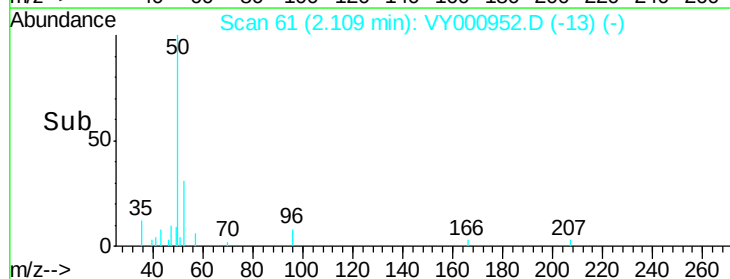
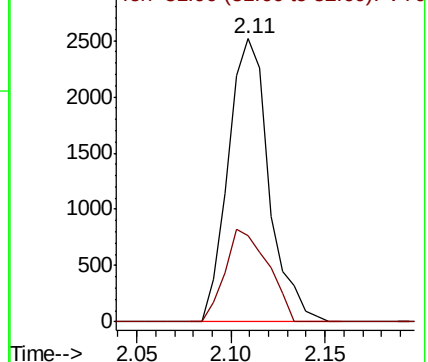
Ion Ratio Lower Upper

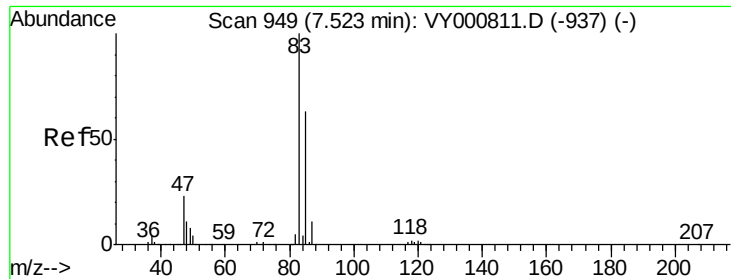
50 100

52 30.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000952.D (-13) (-)

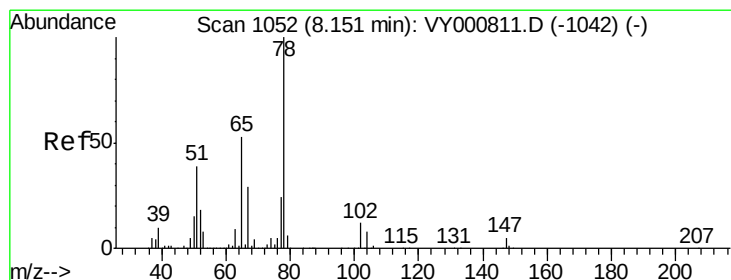
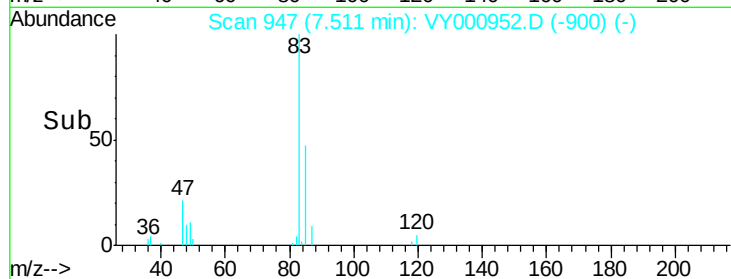
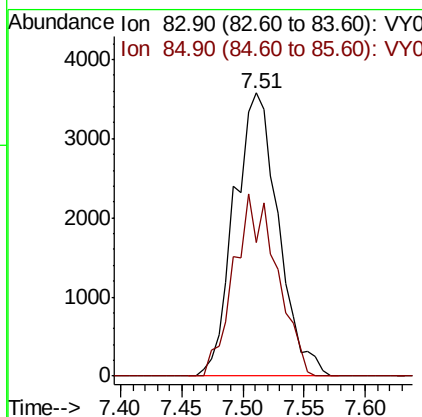
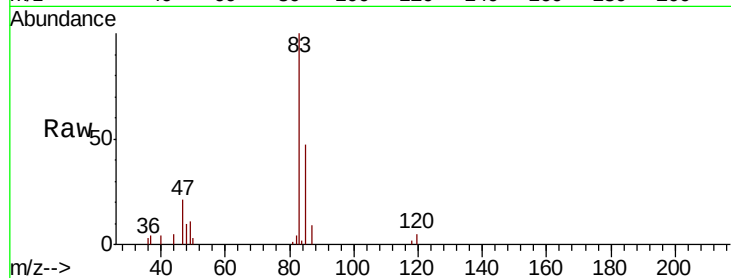




#30
Chloroform
Concen: 2.419 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

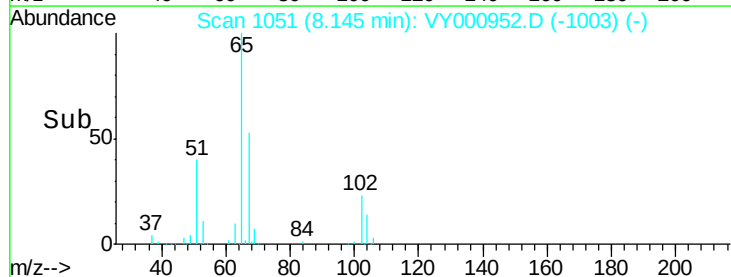
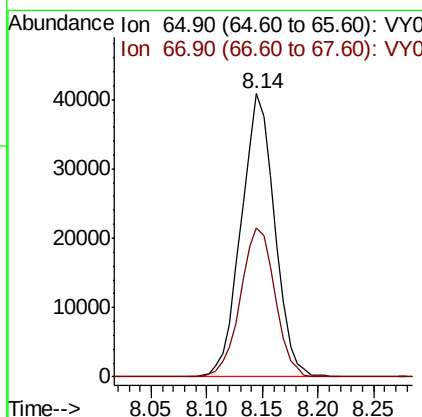
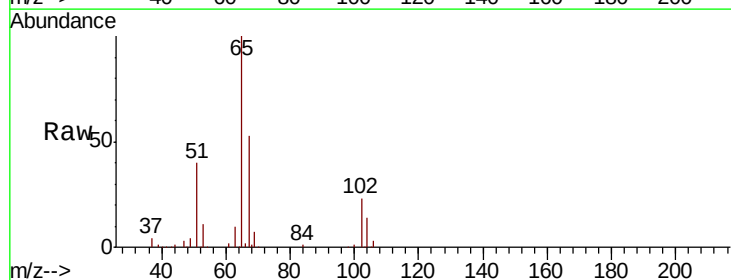
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

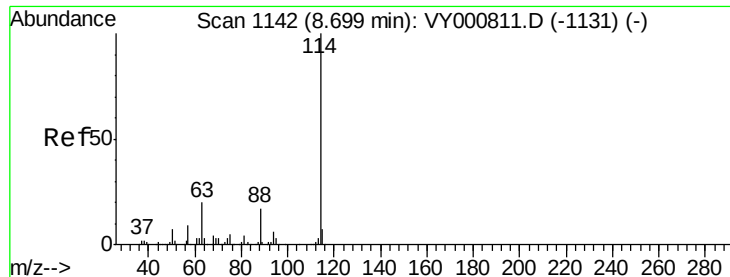
Tot Ion: 83 Resp: 8937
Ion Ratio Lower Upper
83 100
85 47.4 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 46.465 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion: 65 Resp: 85363
Ion Ratio Lower Upper
65 100
67 54.3 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000952.D

Acq: 16 Dec 2019 14:20

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-121319

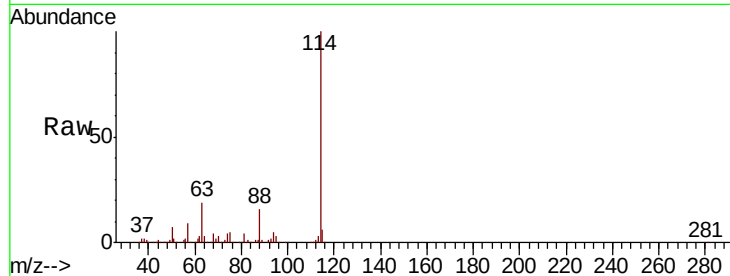
Tot Ion:114 Resp: 303428

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

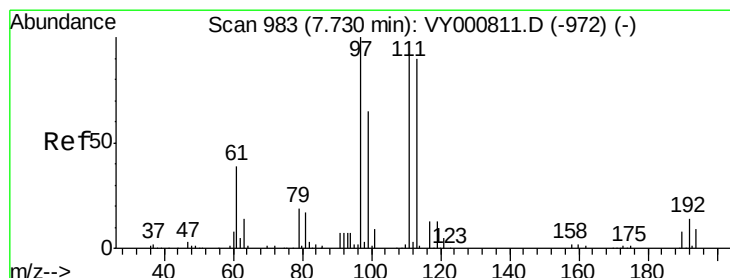
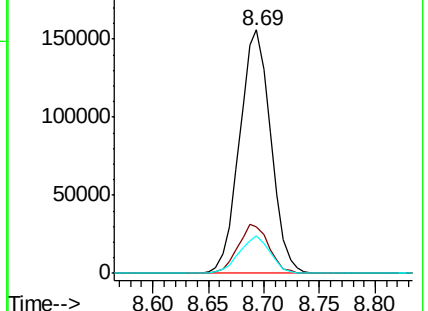
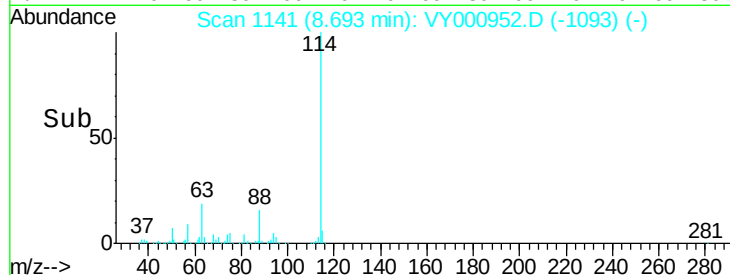
88 15.7 0.0 33.2



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: 46.033 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000952.D

Acq: 16 Dec 2019 14:20

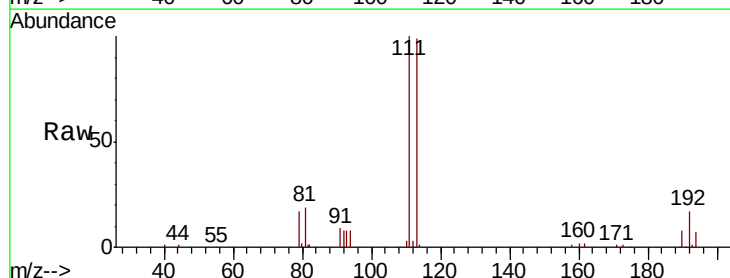
Tgt Ion:113 Resp: 81404

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

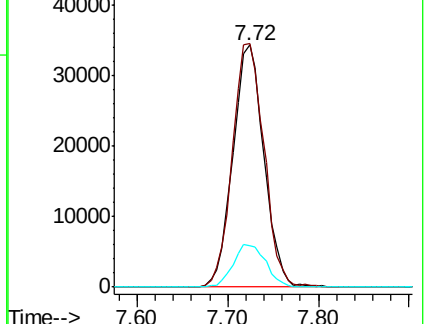
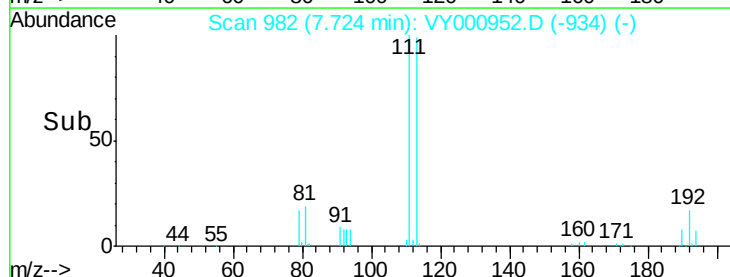
192 18.4 14.2 21.2

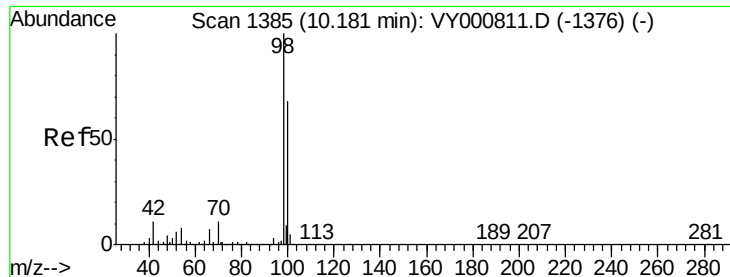


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.109 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000952.D

Acq: 16 Dec 2019 14:20

Instrument :

MSVOA_Y

ClientSampleId :

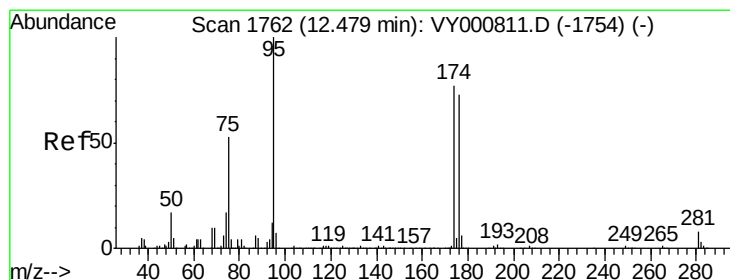
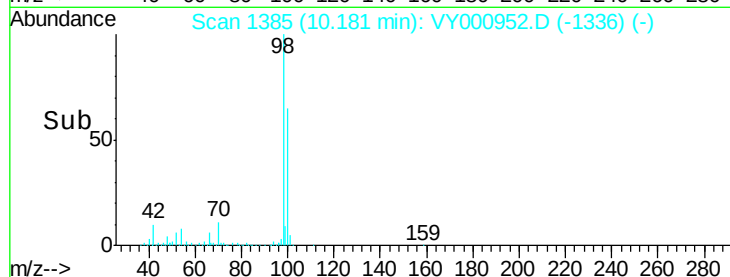
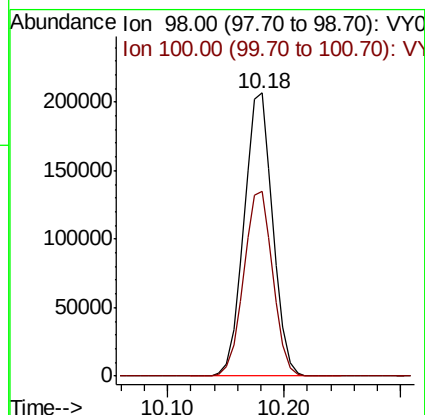
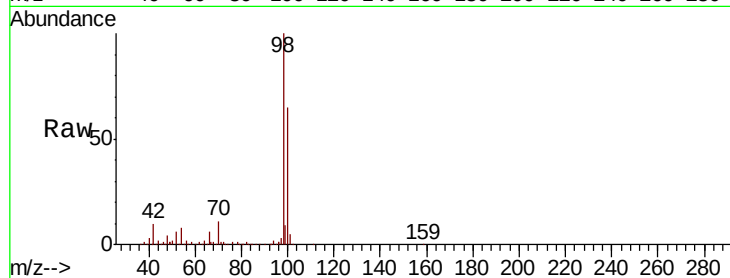
TR-05-121319

Tot Ion: 98 Resp: 354266

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 39.479 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000952.D

Acq: 16 Dec 2019 14:20

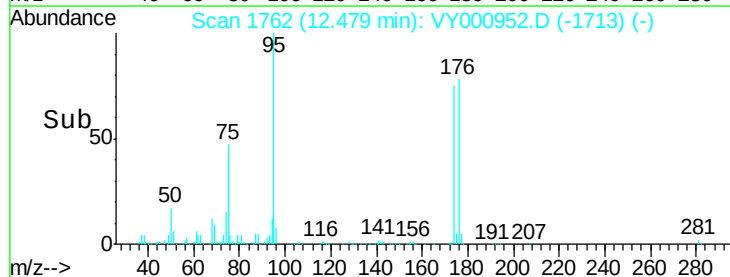
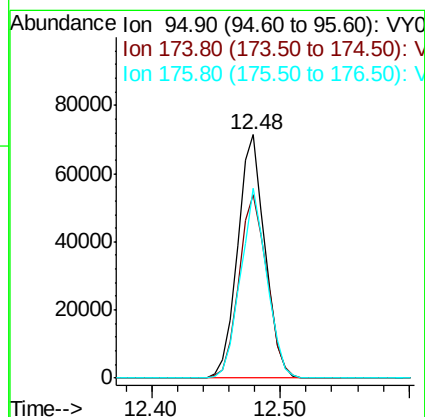
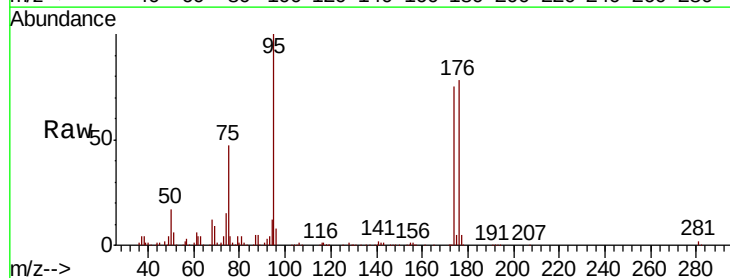
Tgt Ion: 95 Resp: 104820

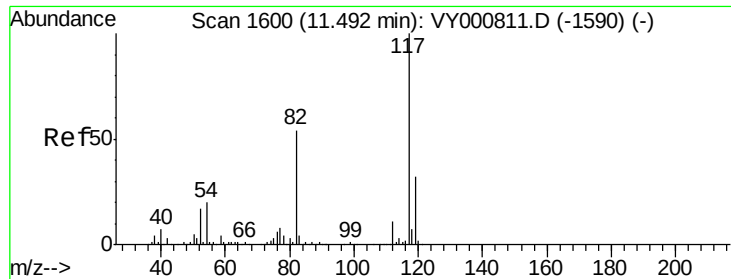
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 75.0 0.0 145.2

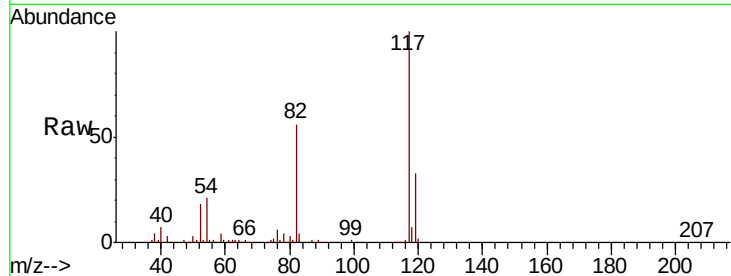




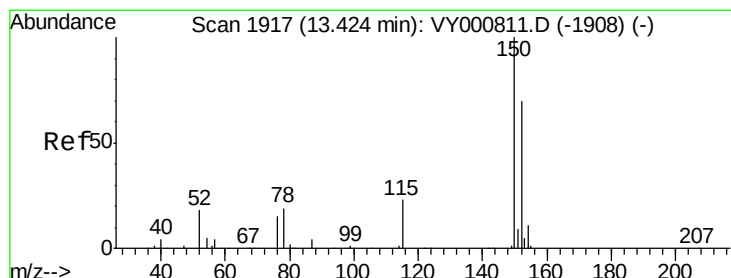
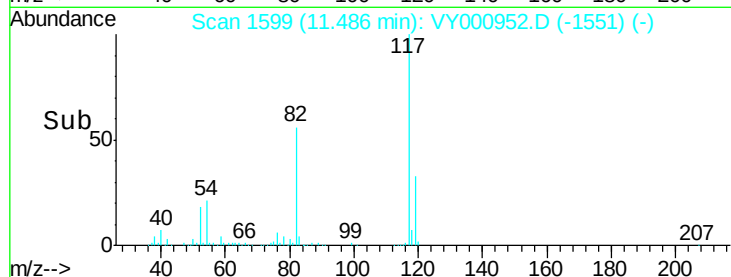
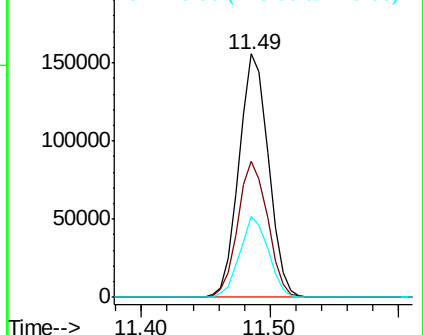
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-121319

Tot Ion:117 Resp: 246814
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 33.2 25.3 37.9

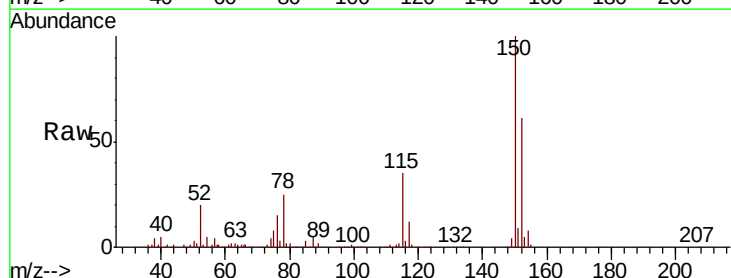


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000952.D
Acq: 16 Dec 2019 14:20

Tgt Ion:152 Resp: 101172
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 157.9 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

