

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY001001.D
 Acq On : 18 Dec 2019 17:13
 Operator : SY/MD
 Sample : K6370-05
 Misc : 5.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-3

Quant Time: Dec 19 06:56:49 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

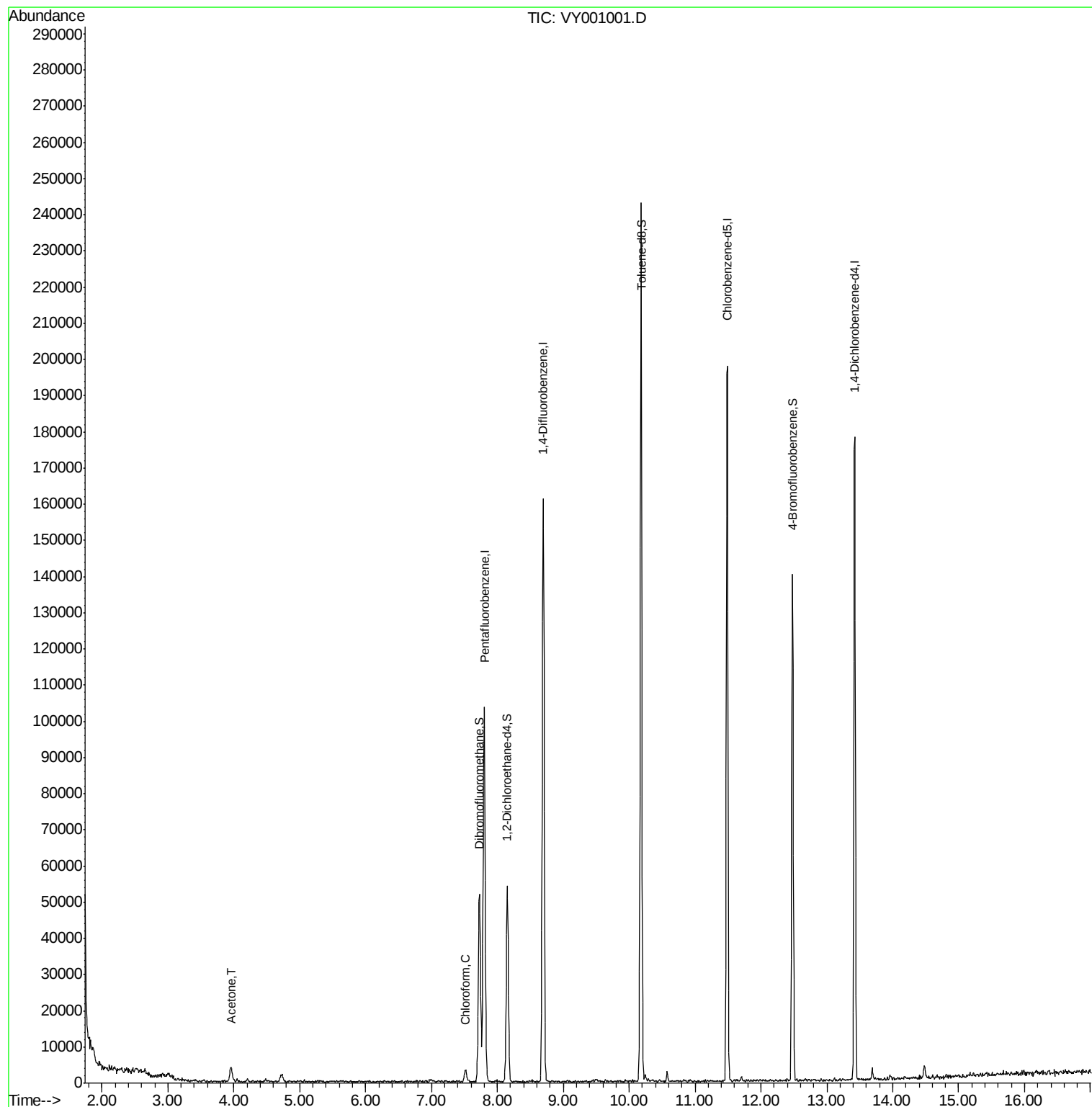
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	80168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	136006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	109935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	44347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	40096	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	7.73	113	38306	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.18	98	157475	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.48	95	44752	37.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.20%	
Target Compounds						
16) Acetone	3.95	43	6777	34.680	ug/l	99
30) Chloroform	7.52	83	3143	1.835	ug/l	99

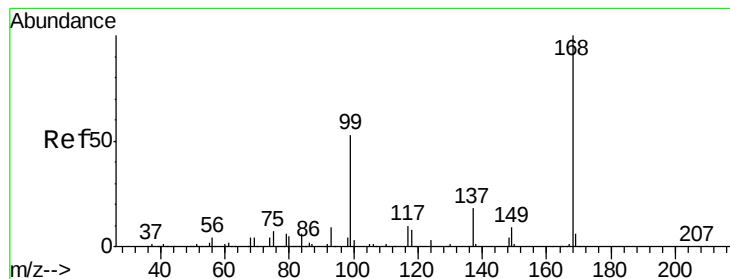
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY001001.D

Acq: 18 Dec 2019 17:13

Instrument :

MSVOA_Y

ClientSampleId :

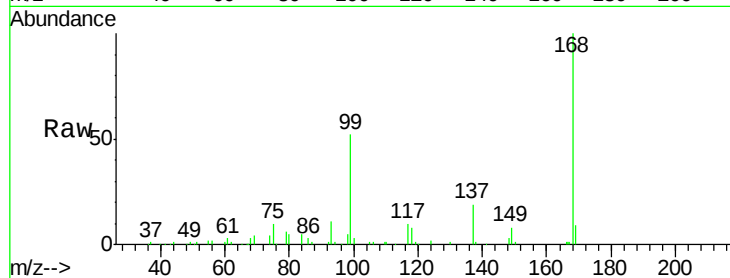
TP2-3

Tot Ion:168 Resp: 80168

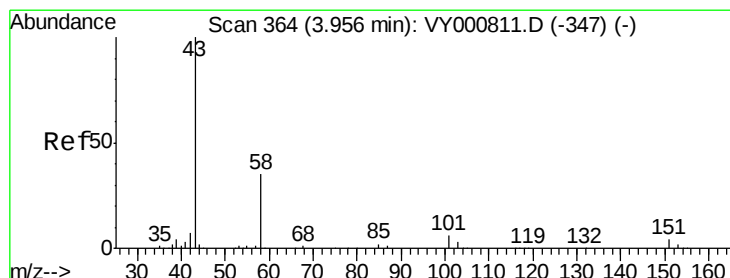
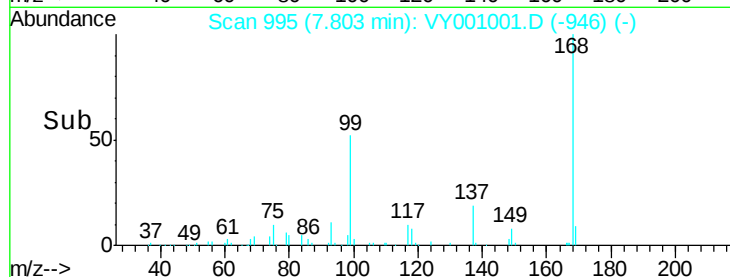
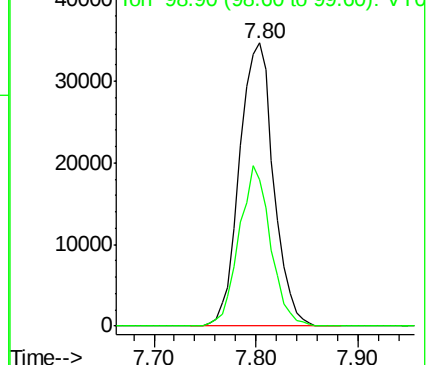
Ion Ratio Lower Upper

168 100

99 51.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001001.D (-946) (-)



#16

Acetone

Concen: 34.680 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY001001.D

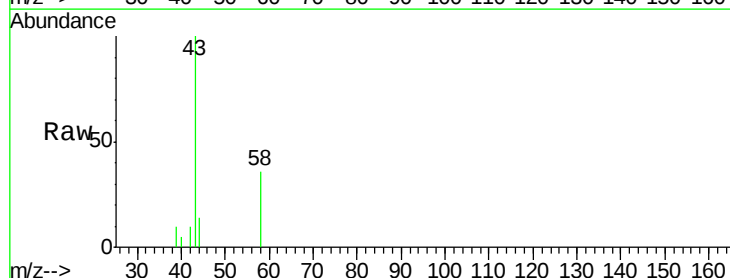
Acq: 18 Dec 2019 17:13

Tgt Ion: 43 Resp: 6777

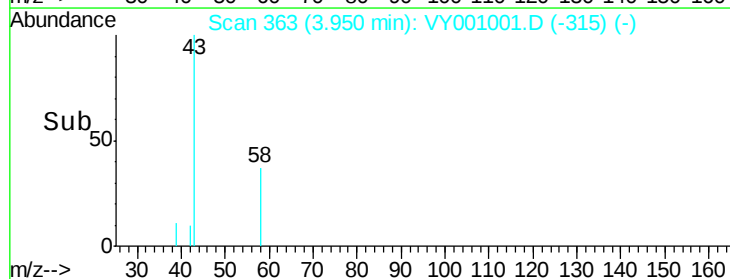
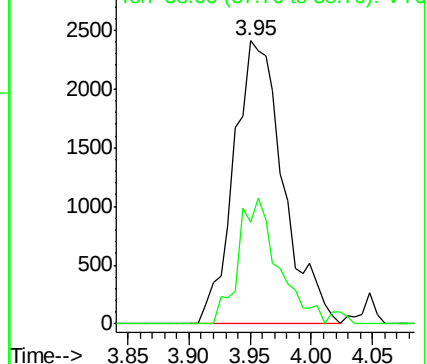
Ion Ratio Lower Upper

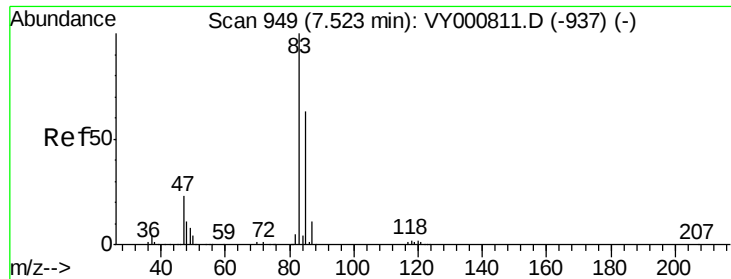
43 100

58 35.8 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY001001.D (-315) (-)

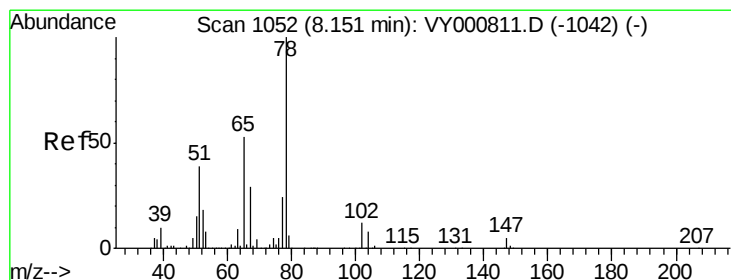
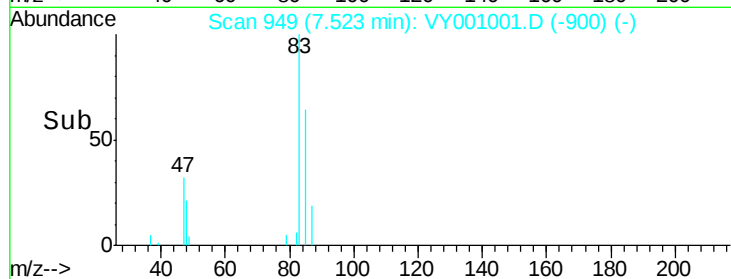
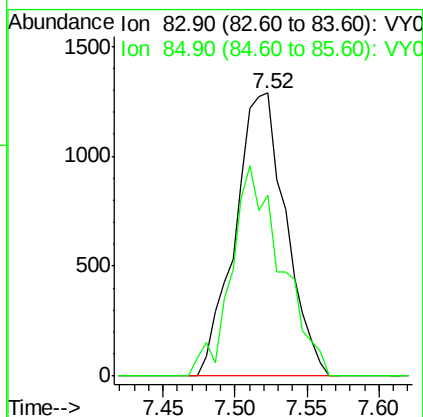
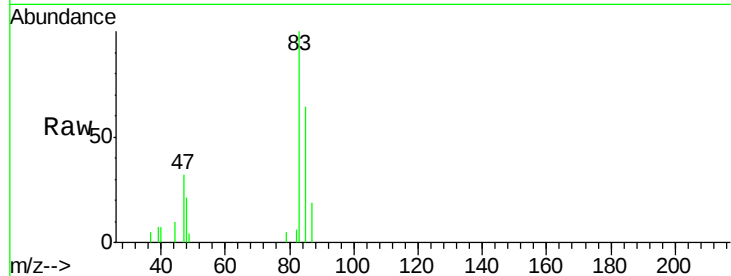




#30
Chloroform
Concen: 1.835 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY001001.D
Acq: 18 Dec 2019 17:13

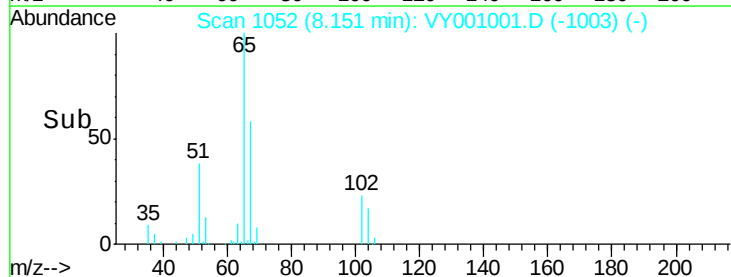
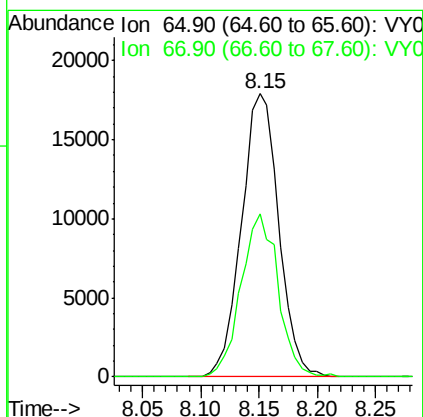
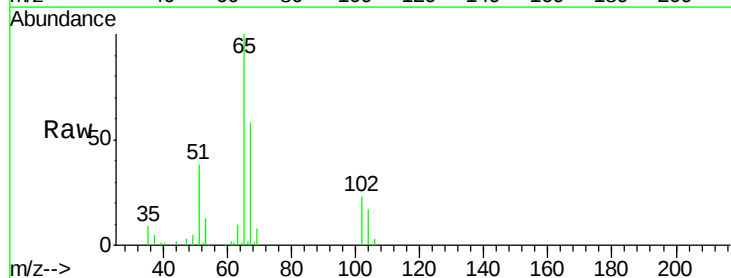
Instrument :
MSVOA_Y
ClientSampled :
TP2-3

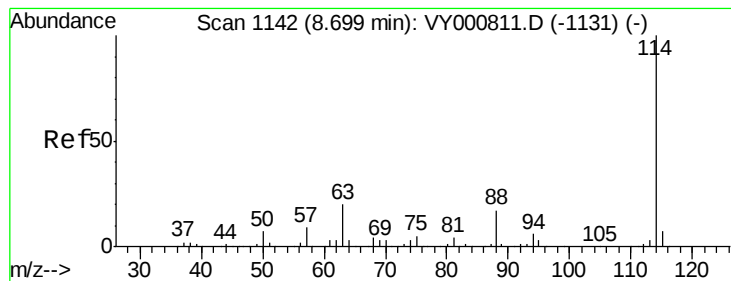
Tot Ion: 83 Resp: 3143
Ion Ratio Lower Upper
83 100
85 64.1 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 47.069 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY001001.D
Acq: 18 Dec 2019 17:13

Tgt Ion: 65 Resp: 40096
Ion Ratio Lower Upper
65 100
67 57.1 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: VY001001.D

Acq: 18 Dec 2019 17:13

Instrument :

MSVOA_Y

ClientSampleId :

TP2-3

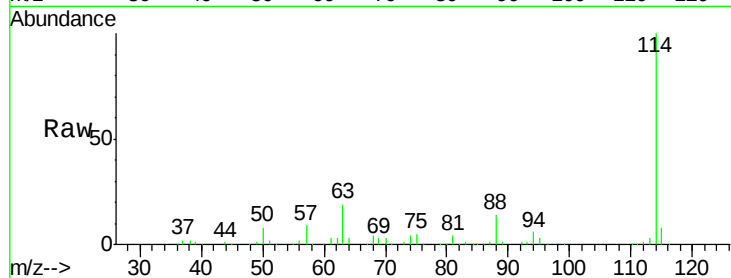
Tot Ion:114 Resp: 136006

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

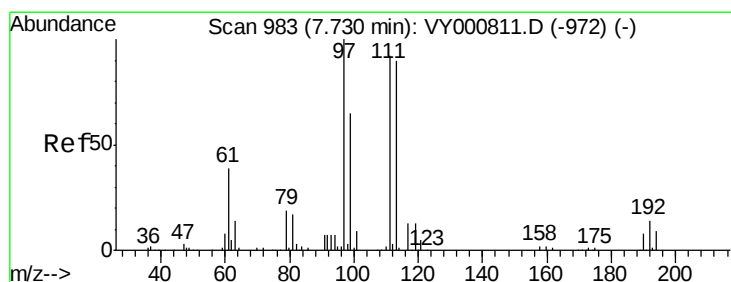
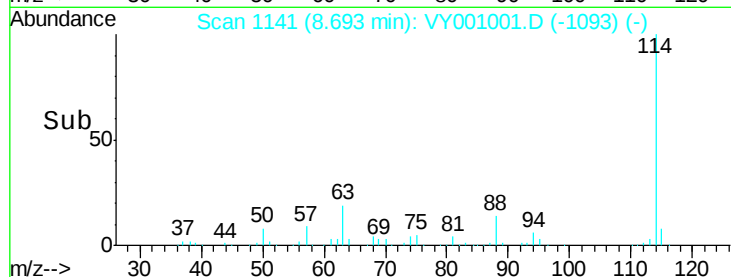
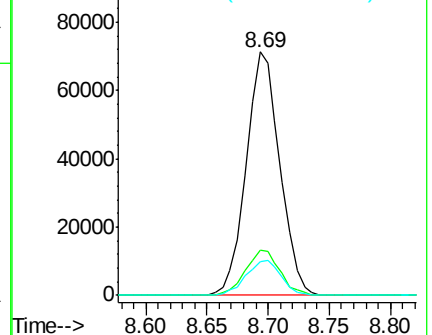
88 13.7 0.0 33.2



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: 48.327 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001001.D

Acq: 18 Dec 2019 17:13

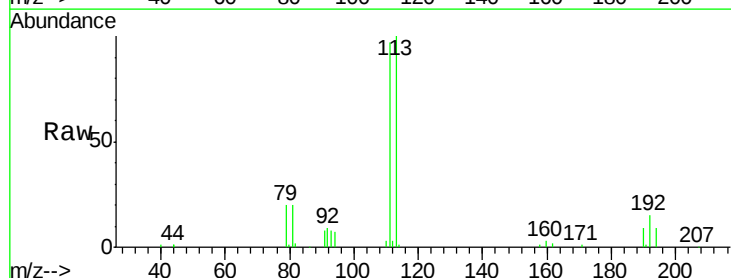
Tgt Ion:113 Resp: 38306

Ion Ratio Lower Upper

113 100

111 99.5 82.4 123.6

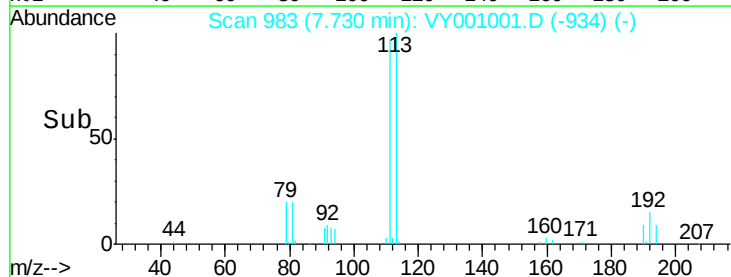
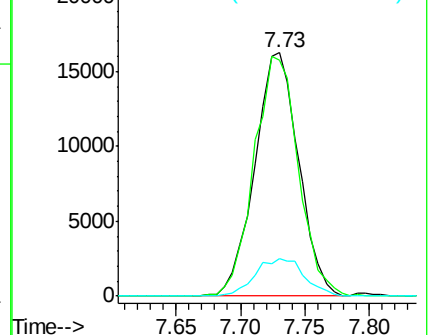
192 17.1 14.2 21.2

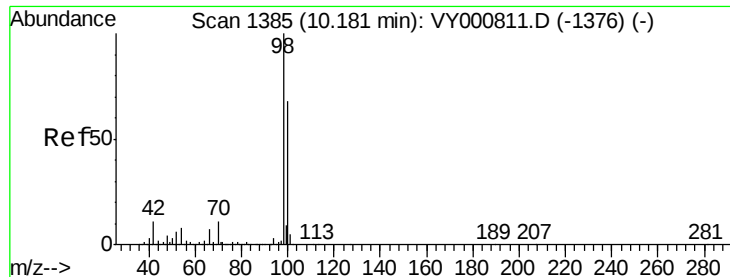


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.693 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001001.D

Acq: 18 Dec 2019 17:13

Instrument :

MSVOA_Y

ClientSampled :

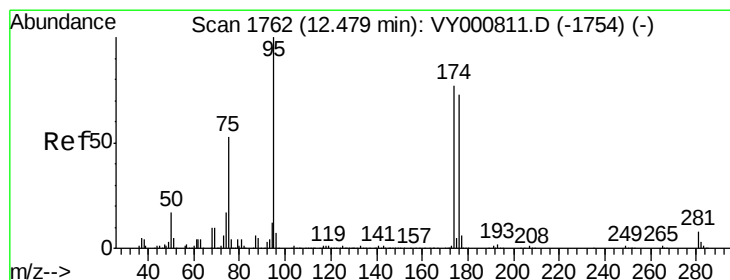
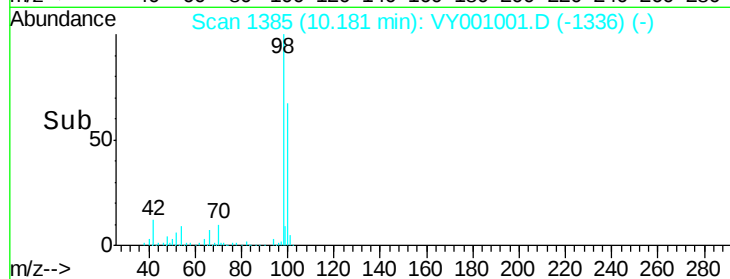
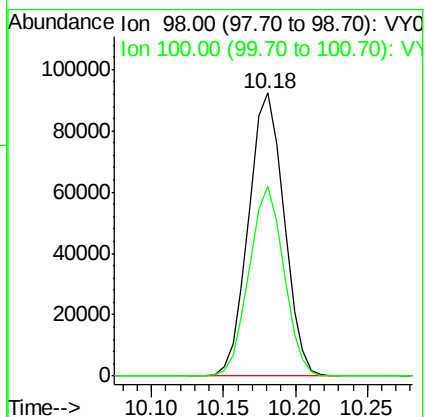
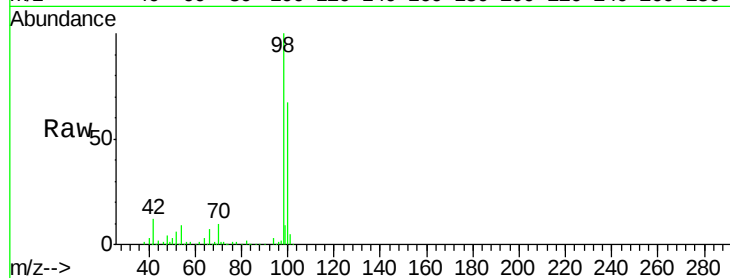
TP2-3

Tot Ion: 98 Resp: 157475

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 37.603 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001001.D

Acq: 18 Dec 2019 17:13

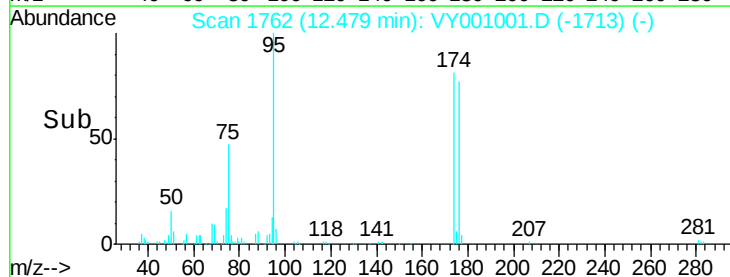
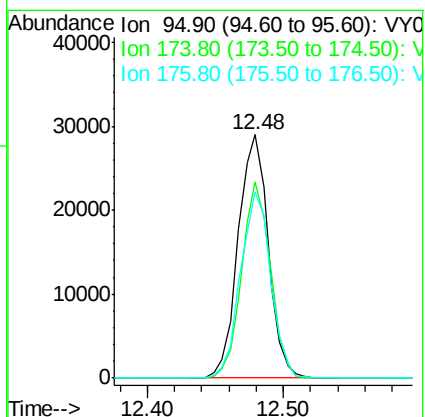
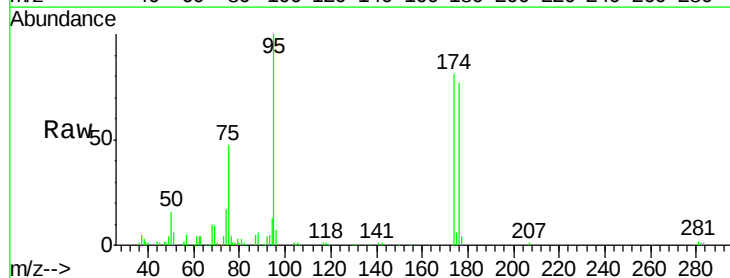
Tgt Ion: 95 Resp: 44752

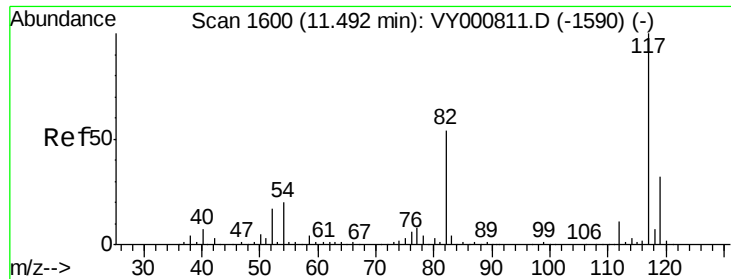
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.6

176 76.7 0.0 145.2

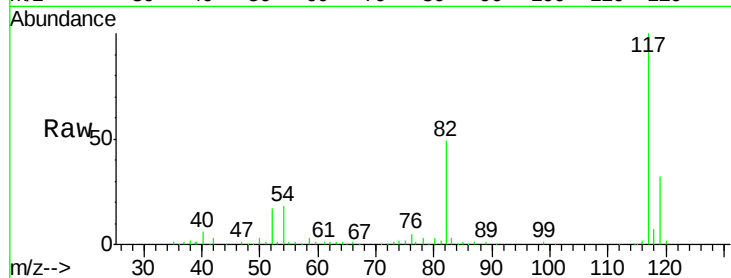




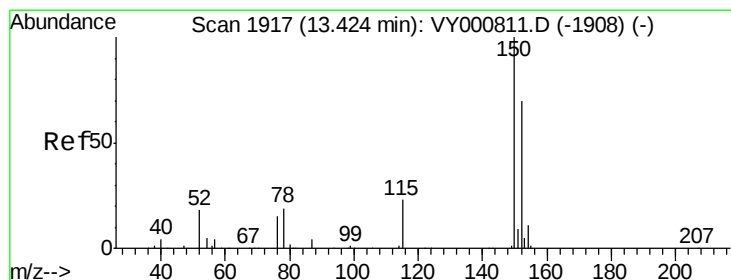
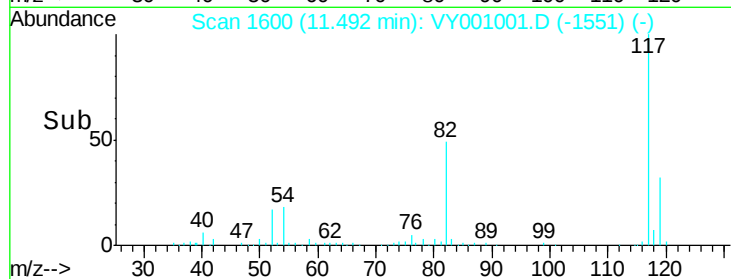
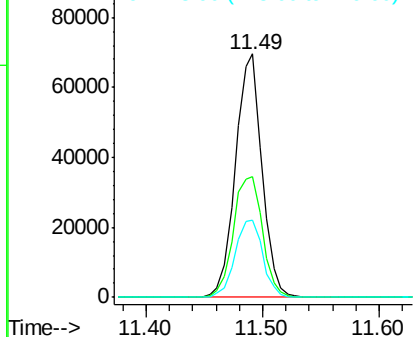
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY001001.D
Acq: 18 Dec 2019 17:13

Instrument :
MSVOA_Y
ClientSampled :
TP2-3

Tot Ion:117 Resp: 109935
Ion Ratio Lower Upper
117 100
82 49.4 43.1 64.7
119 31.9 25.3 37.9

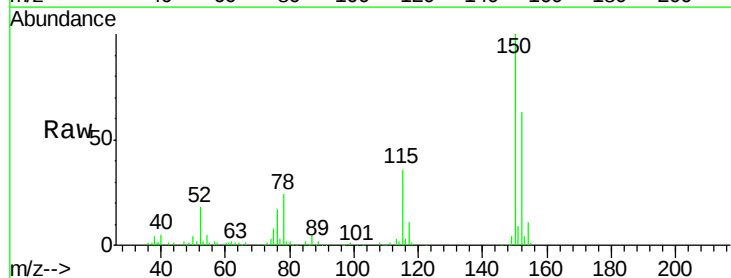


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001001.D
Acq: 18 Dec 2019 17:13

Tgt Ion:152 Resp: 44347
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 163.5 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

