

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002344.D
 Acq On : 15 Apr 2020 17:57
 Operator : SY/MD
 Sample : L2281-03
 Misc : 6.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-37

Quant Time: Apr 16 07:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

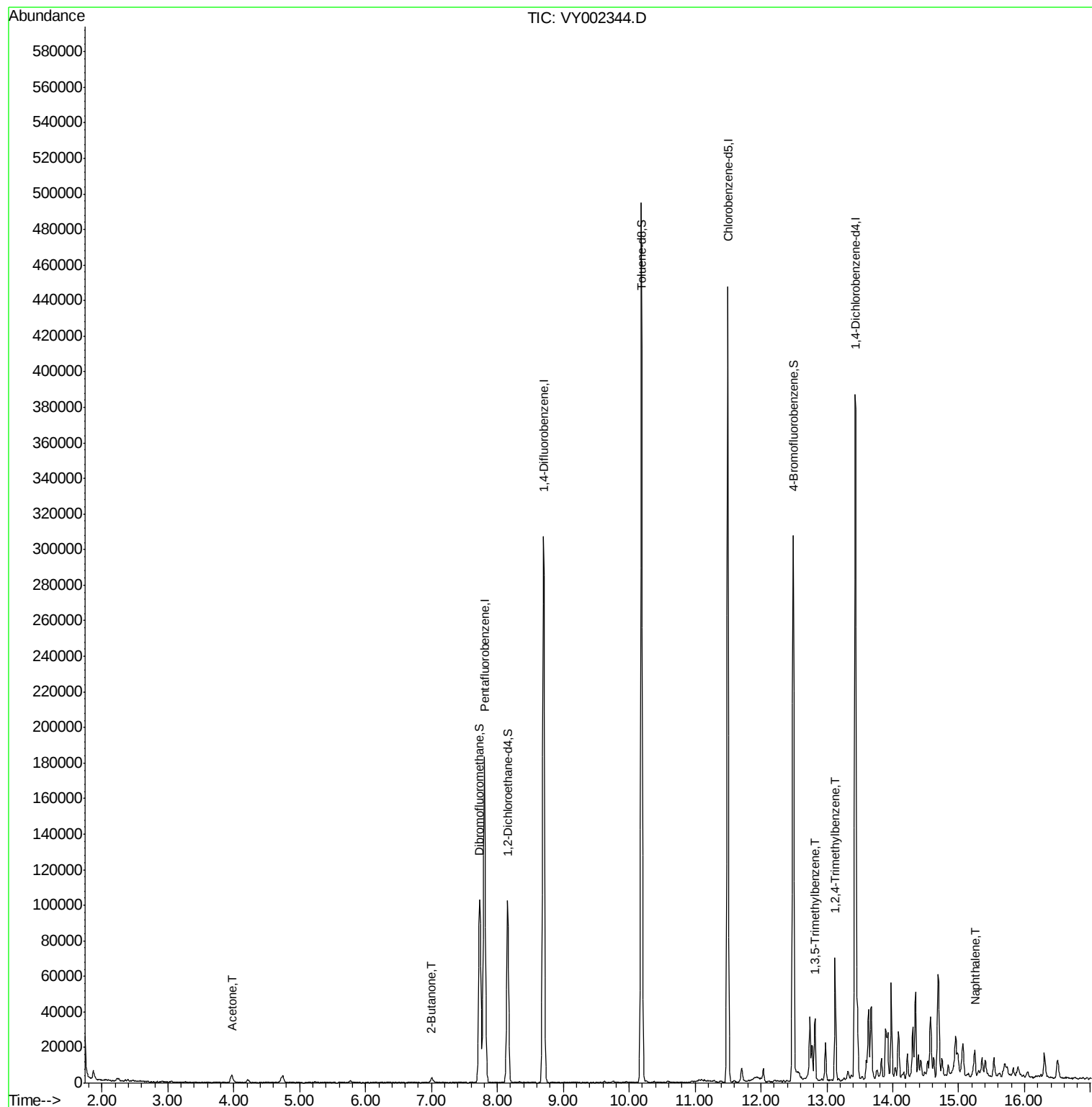
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	141170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	274289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	248898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	100067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73911	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.73	113	77067	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	10.19	98	328159	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.49	95	105174	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
16) Acetone	3.97	43	7734	18.704	ug/l	95
25) 2-Butanone	7.00	43	3780	5.777	ug/l #	89
80) 1,3,5-Trimethylbenzene	12.82	105	16820	2.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	37375	5.757	ug/l	99
95) Naphthalene	15.25	128	11512	2.641	ug/l #	97

(#) = 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: VY002344.D

Acq: 15 Apr 2020 17:57

Instrument :

MSVOA_Y

ClientSampled :

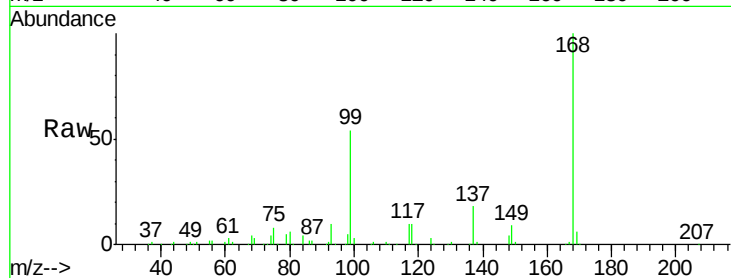
TP-37

Tot Ion:168 Resp: 141170

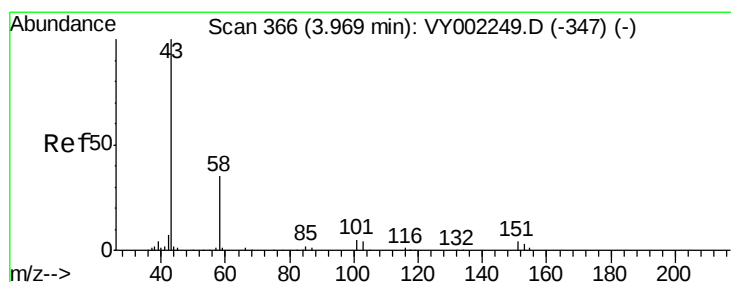
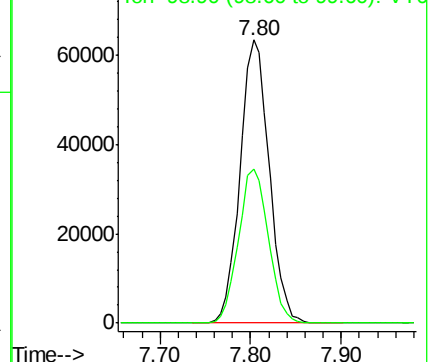
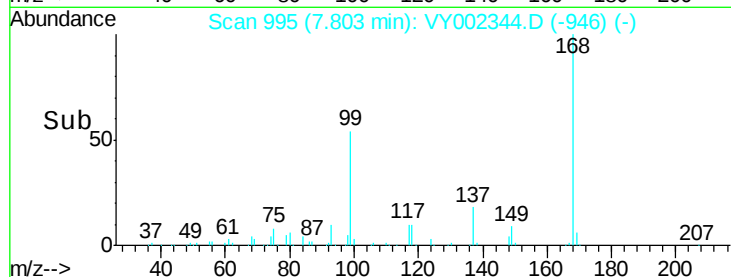
Ion Ratio Lower Upper

168 100

99 54.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002344.D (-946) (-)



#16

Acetone

Concen: 18.704 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002344.D

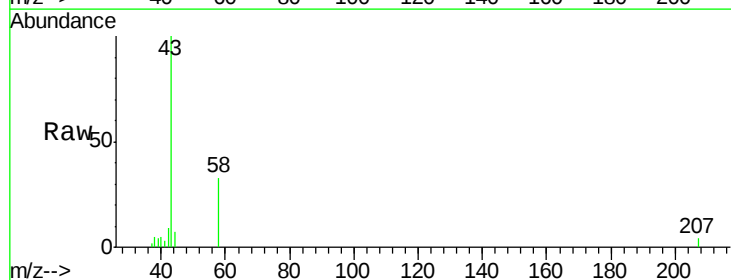
Acq: 15 Apr 2020 17:57

Tgt Ion: 43 Resp: 7734

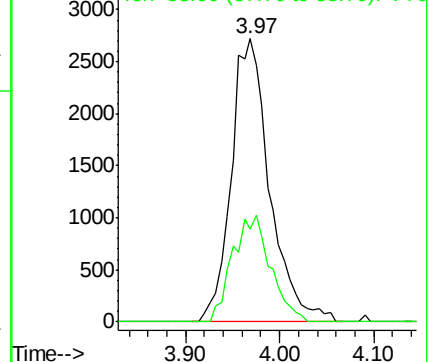
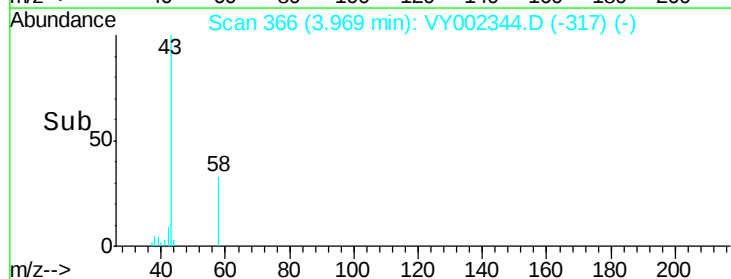
Ion Ratio Lower Upper

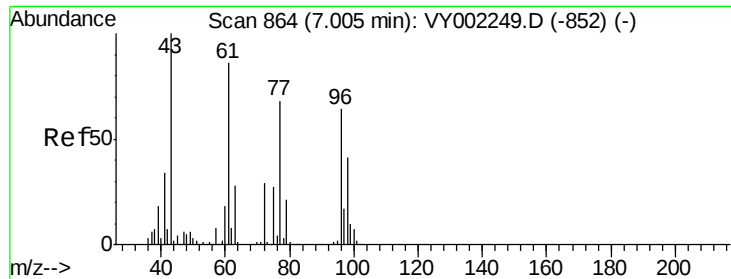
43 100

58 33.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002344.D (-317) (-)





#25

2-Butanone

Concen: 5.777 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002344.D

Acq: 15 Apr 2020 17:57

Instrument :

MSVOA_Y

ClientSampled :

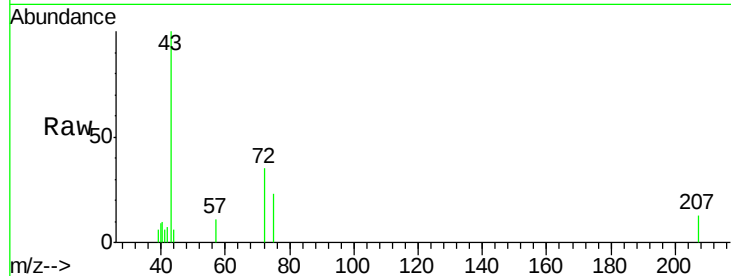
TP-37

Tot Ion: 43 Resp: 3780

Ion Ratio Lower Upper

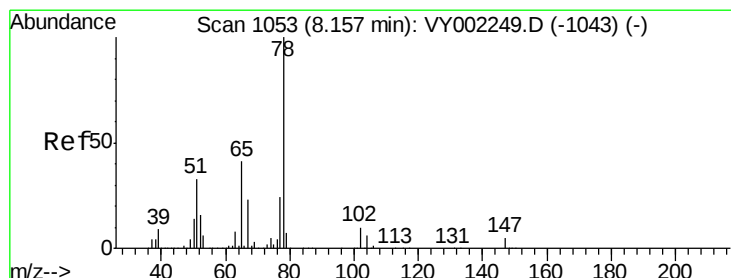
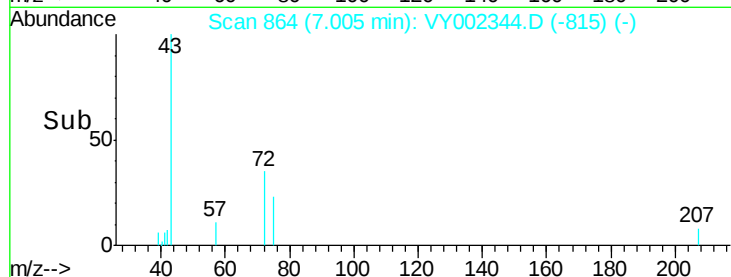
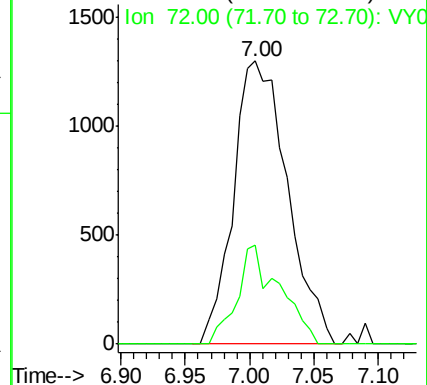
43 100

72 34.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 47.080 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002344.D

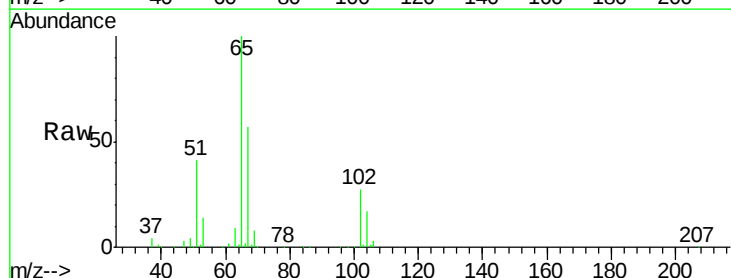
Acq: 15 Apr 2020 17:57

Tgt Ion: 65 Resp: 73911

Ion Ratio Lower Upper

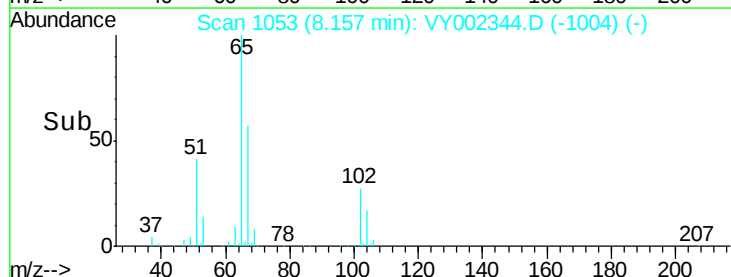
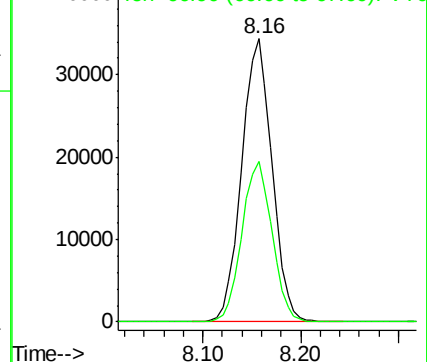
65 100

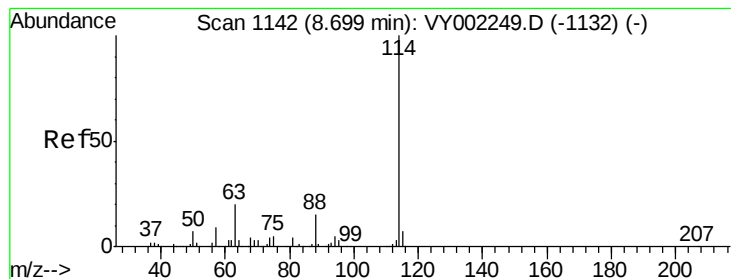
67 56.5 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY002344.D

Acq: 15 Apr 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-37

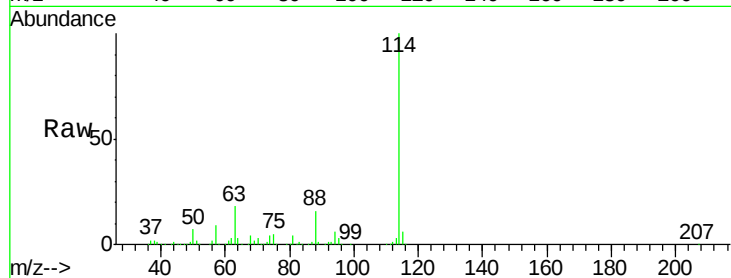
Tot Ion:114 Resp: 274289

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.0

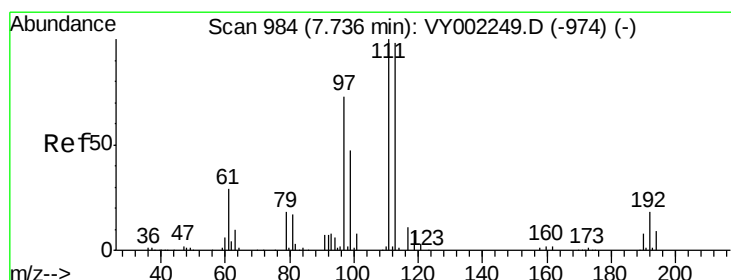
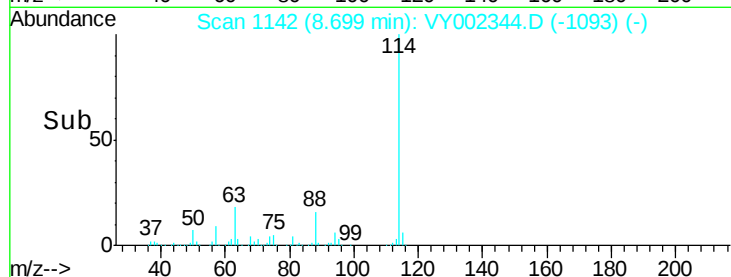
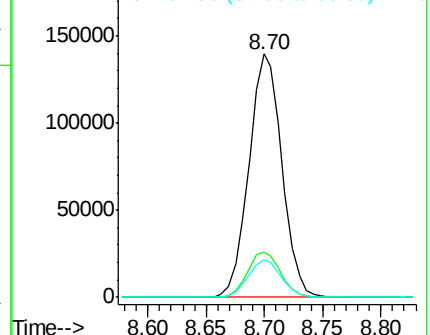
88 15.6 0.0 31.0



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: 47.219 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002344.D

Acq: 15 Apr 2020 17:57

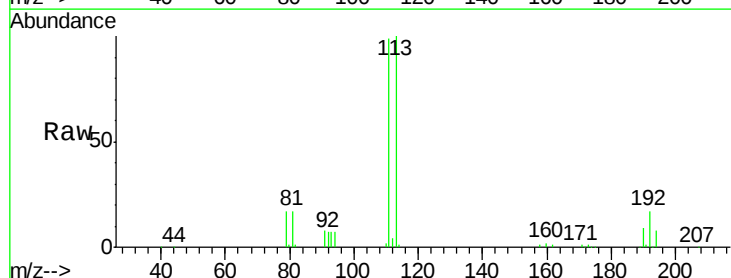
Tgt Ion:113 Resp: 77067

Ion Ratio Lower Upper

113 100

111 104.5 83.5 125.3

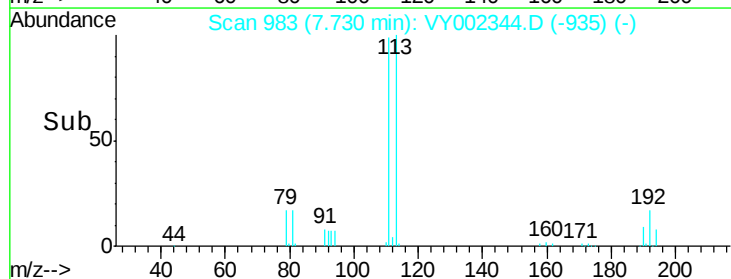
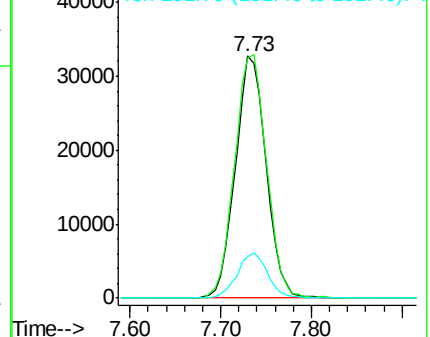
192 18.5 14.7 22.1

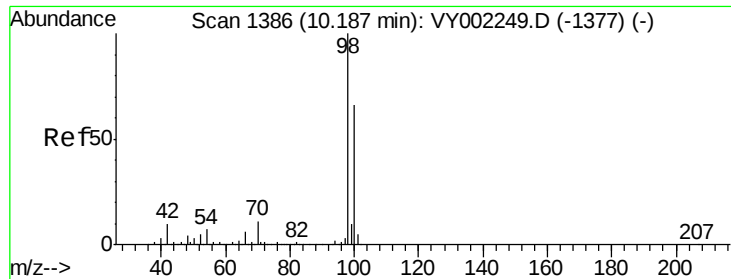


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.037 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002344.D

Acq: 15 Apr 2020 17:57

Instrument :

MSVOA_Y

ClientSampled :

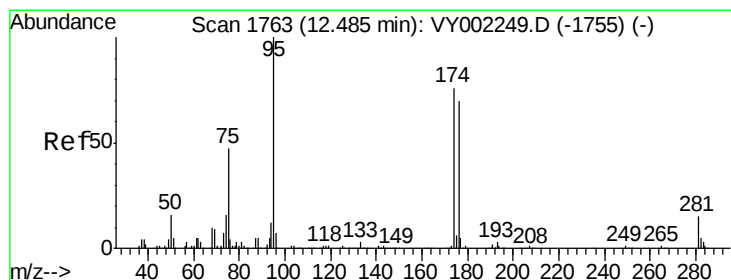
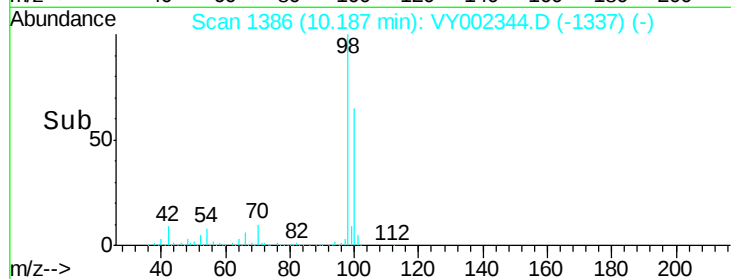
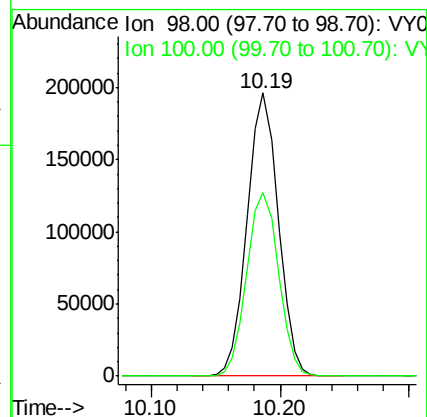
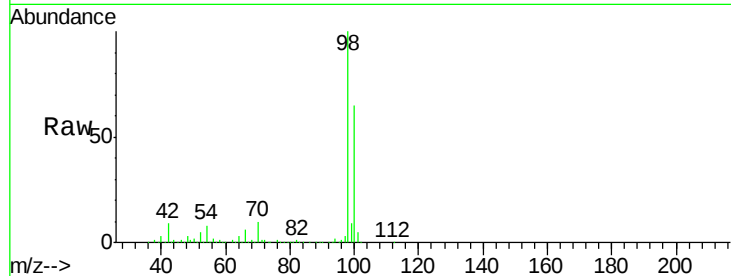
TP-37

Tot Ion: 98 Resp: 328159

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.666 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002344.D

Acq: 15 Apr 2020 17:57

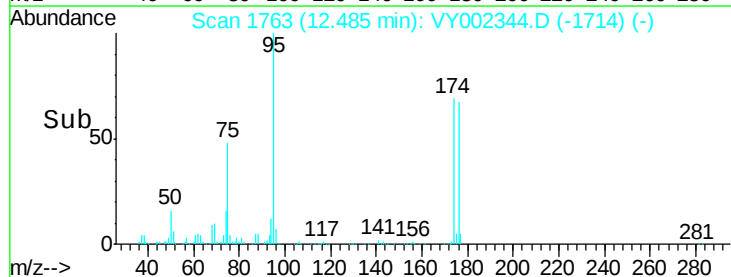
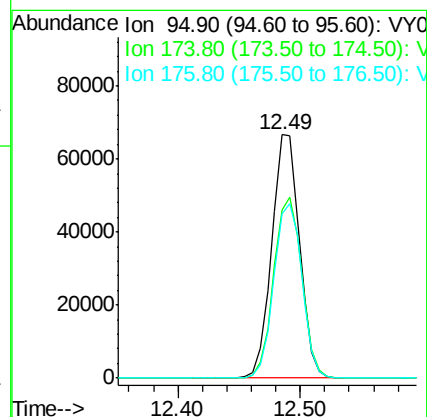
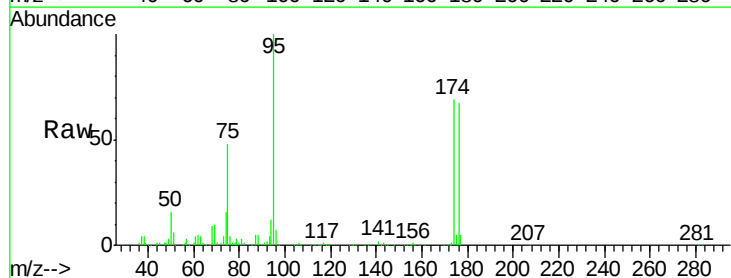
Tgt Ion: 95 Resp: 105174

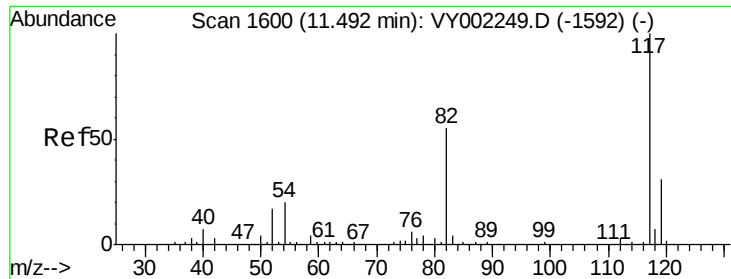
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

176 72.4 0.0 141.4

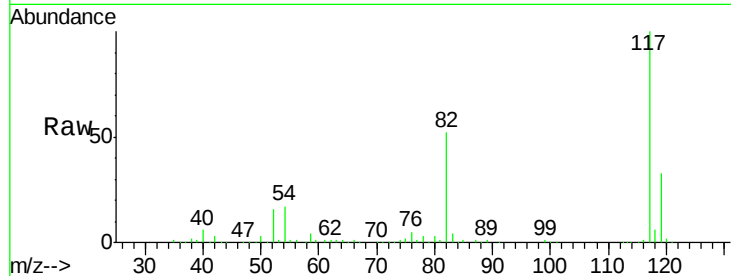




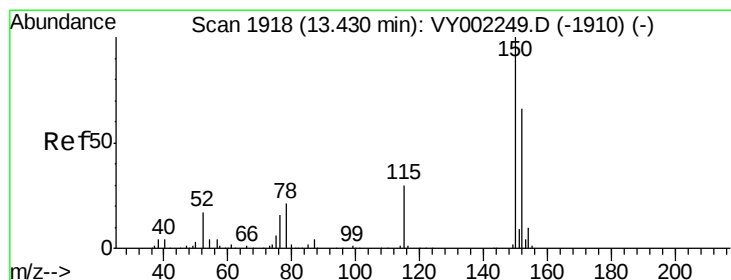
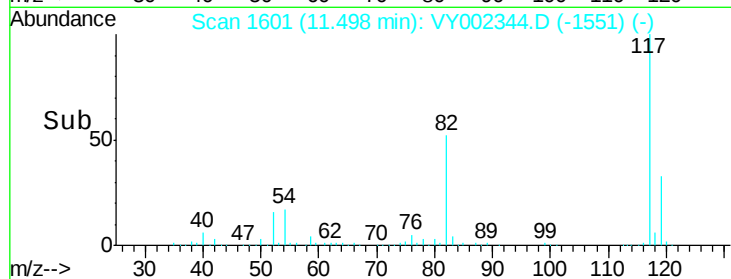
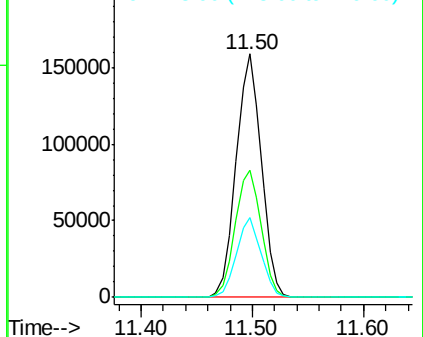
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002344.D
Acq: 15 Apr 2020 17:57

Instrument :
MSVOA_Y
ClientSampled :
TP-37

Tot Ion:117 Resp: 248898
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.4
119 32.8 25.1 37.7

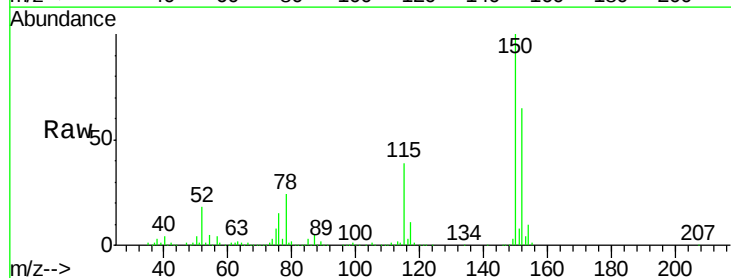


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

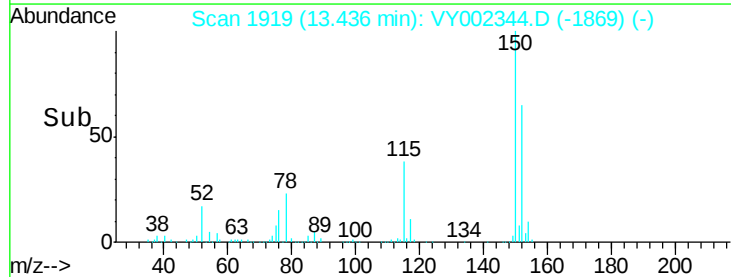
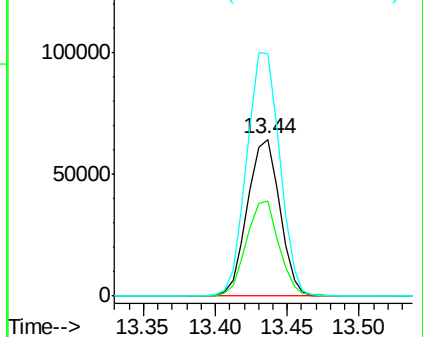


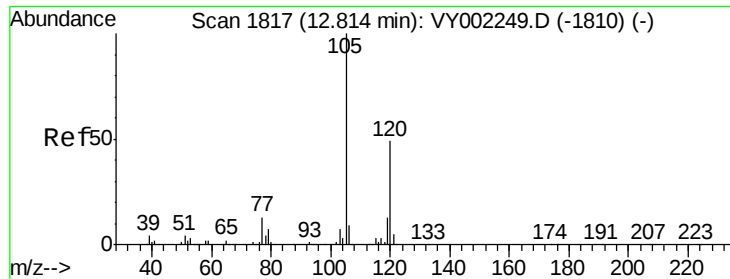
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002344.D
Acq: 15 Apr 2020 17:57

Tgt Ion:152 Resp: 100067
Ion Ratio Lower Upper
152 100
115 61.5 30.7 92.1
150 158.3 0.0 350.6



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

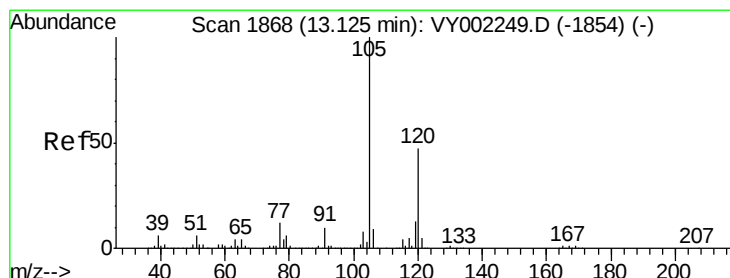
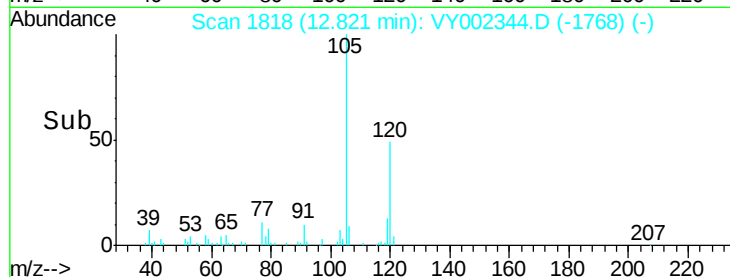
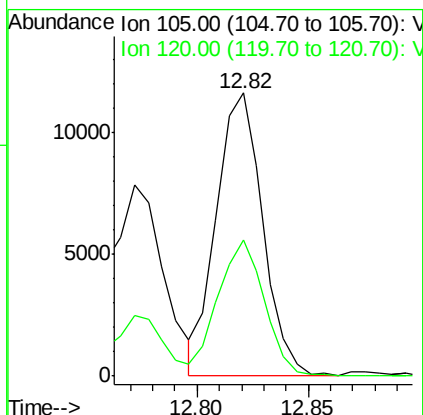
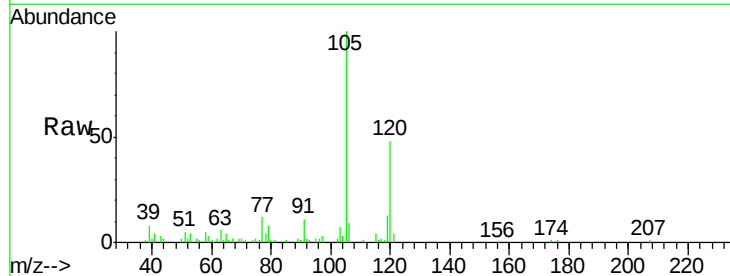




#80
 1,3,5-Trimethylbenzene
 Concen: 2.587 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY002344.D
 Acq: 15 Apr 2020 17:57

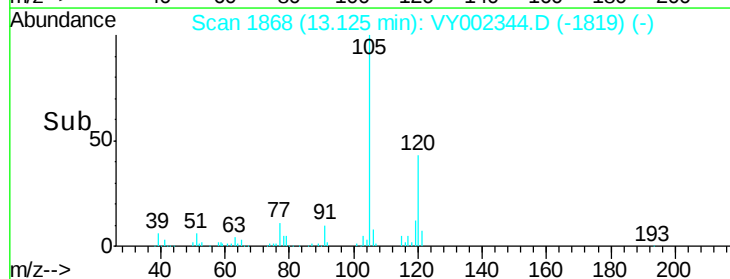
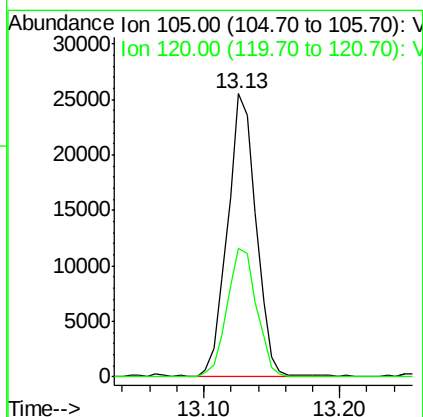
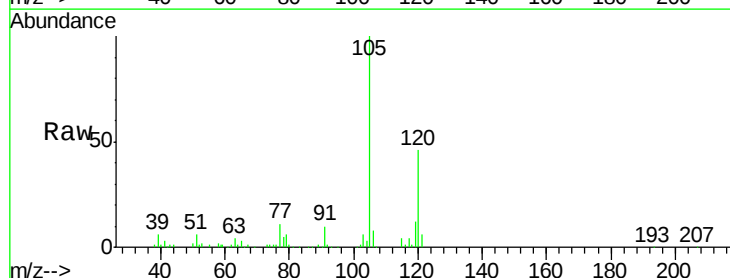
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-37

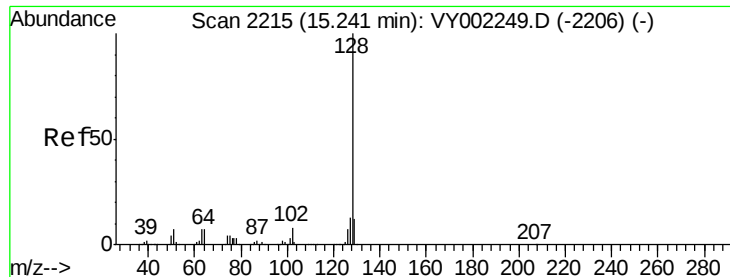
Tot Ion:105 Resp: 16820
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.757 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002344.D
 Acq: 15 Apr 2020 17:57

Tgt Ion:105 Resp: 37375
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#95

Naphthalene

Concen: 2.641 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002344.D

Acq: 15 Apr 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-37

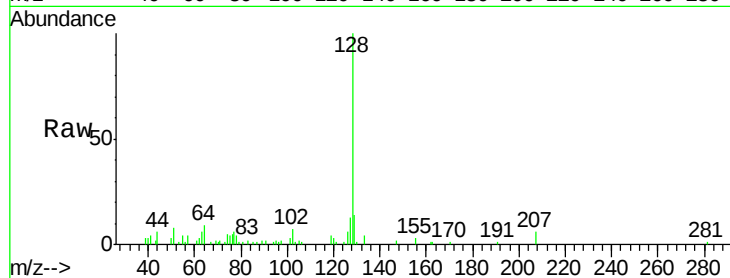
Tot Ion:128 Resp: 11512

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 13.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

