

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002360.D
 Acq On : 16 Apr 2020 12:40
 Operator : SY/MD
 Sample : L2245-04RE
 Misc : 5.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15RE

Quant Time: Apr 17 07:32:42 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

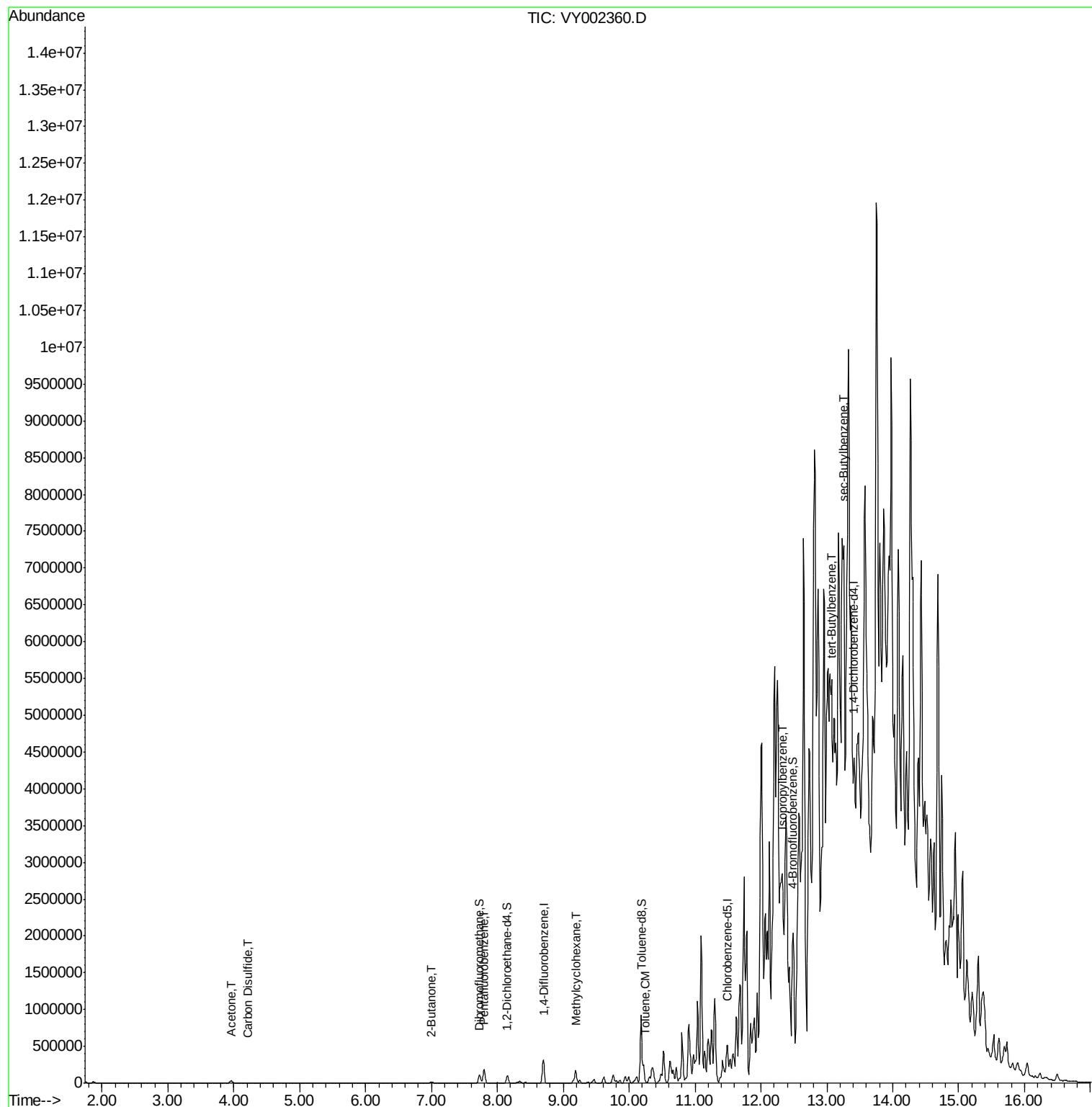
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	139883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	283397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	196794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	135424	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	76332	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.73	113	82392	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.18	98	337163	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.48	95	235969	101.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	202.68%	
Target Compounds						
16) Acetone	3.96	43	52744	128.733	ug/l	99
17) Carbon Disulfide	4.21	76	6950	1.239	ug/l #	89
25) 2-Butanone	7.00	43	26819	41.362	ug/l	98
39) Methylcyclohexane	9.19	83	73060	19.241	ug/l	97
52) Toluene	10.25	92	6780	1.328	ug/l	96
73) Isopropylbenzene	12.33	105	124498	11.702	ug/l	99
83) tert-Butylbenzene	13.08	119	168331	22.840	ug/l	80
85) sec-Butylbenzene	13.26	105	1092702	99.526	ug/l #	78

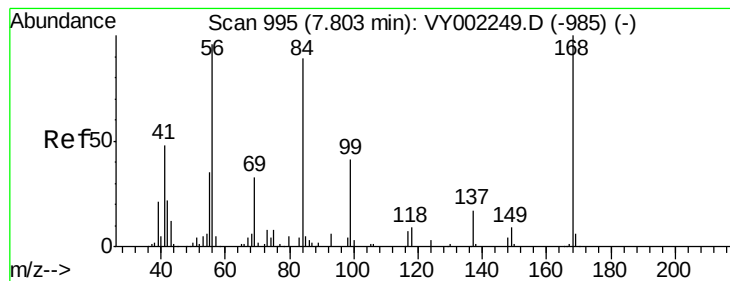
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002360.D

Acq: 16 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

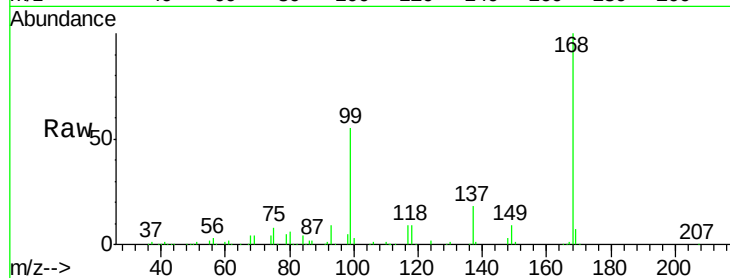
TP-15RE

Tot Ion:168 Resp: 139883

Ion Ratio Lower Upper

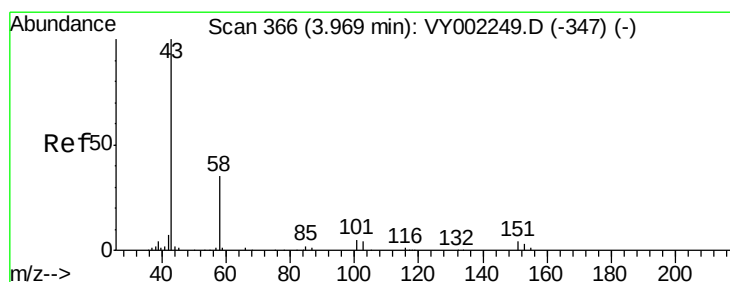
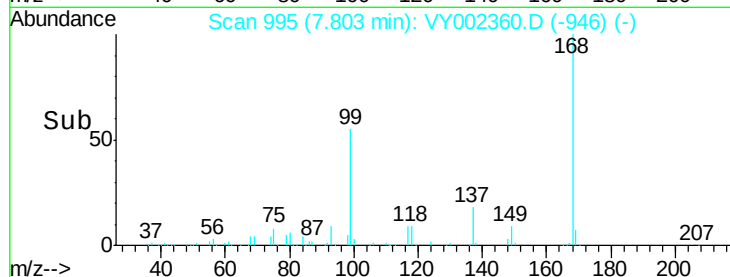
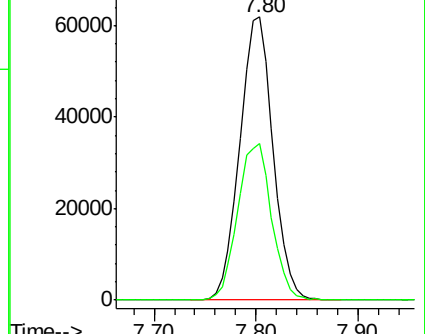
168 100

99 55.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 128.733 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002360.D

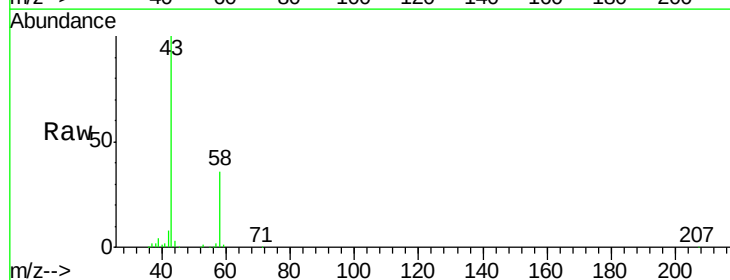
Acq: 16 Apr 2020 12:40

Tgt Ion: 43 Resp: 52744

Ion Ratio Lower Upper

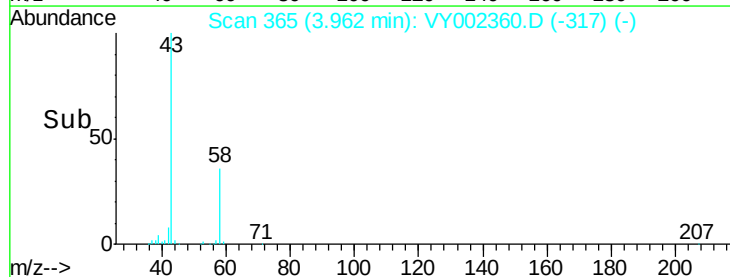
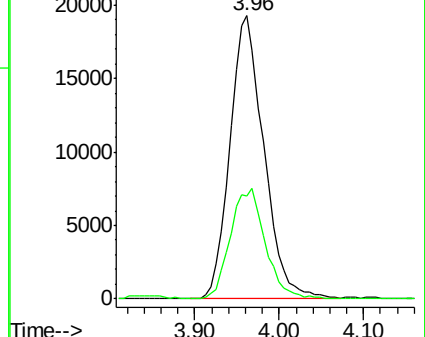
43 100

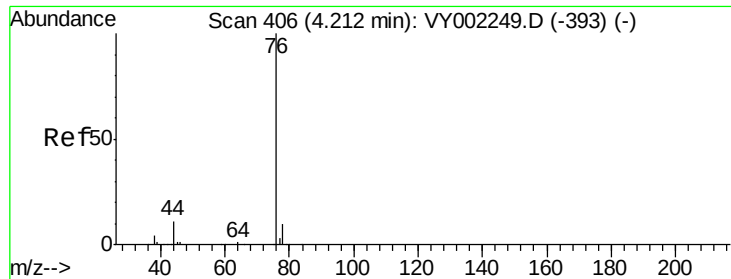
58 36.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#17

Carbon Disulfide

Concen: 1.239 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002360.D

Acq: 16 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

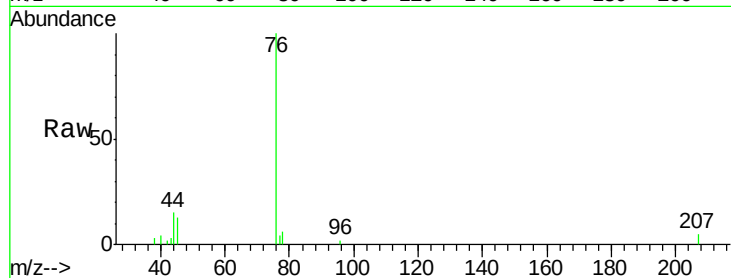
TP-15RE

Tot Ion: 76 Resp: 6950

Ion Ratio Lower Upper

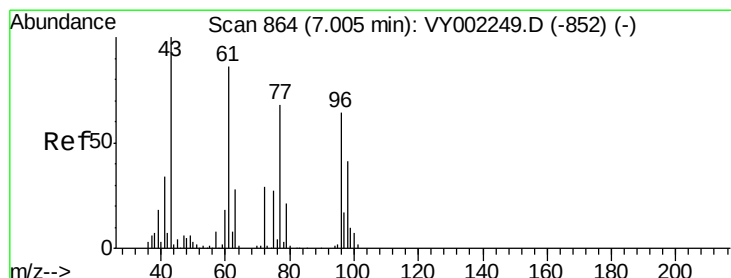
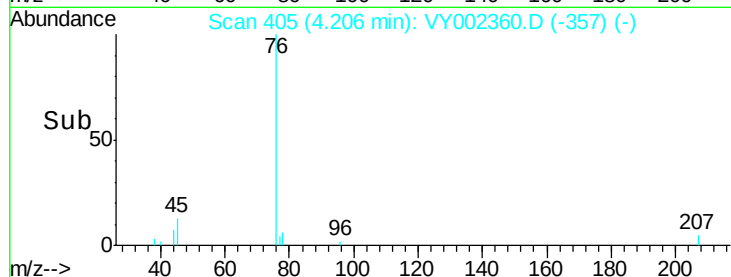
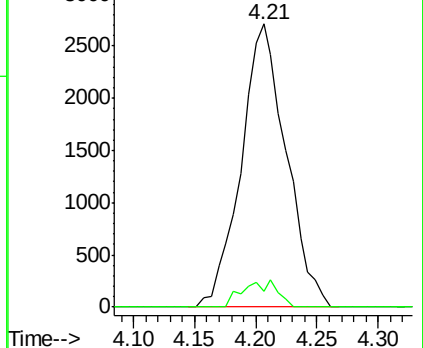
76 100

78 5.5 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 41.362 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002360.D

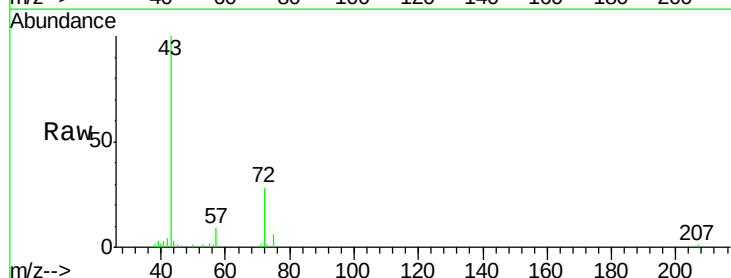
Acq: 16 Apr 2020 12:40

Tgt Ion: 43 Resp: 26819

Ion Ratio Lower Upper

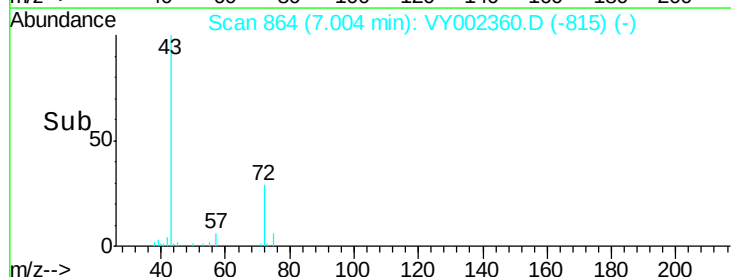
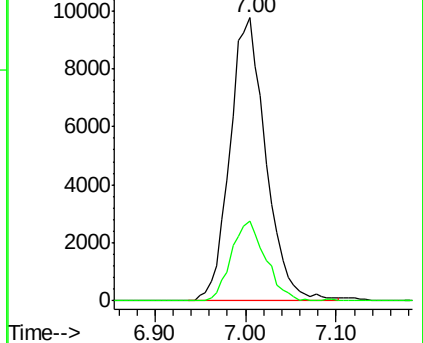
43 100

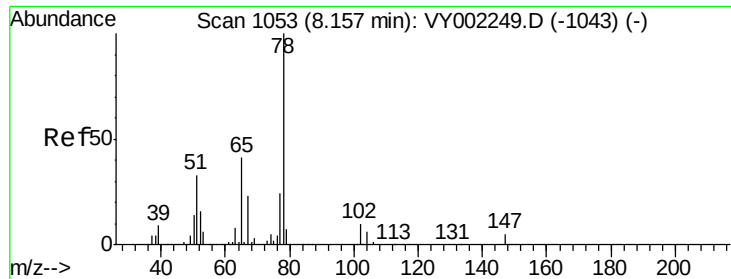
72 28.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

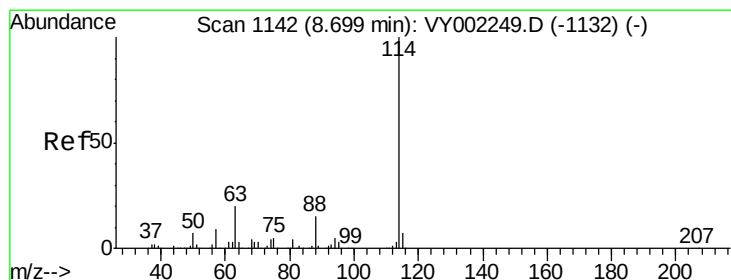
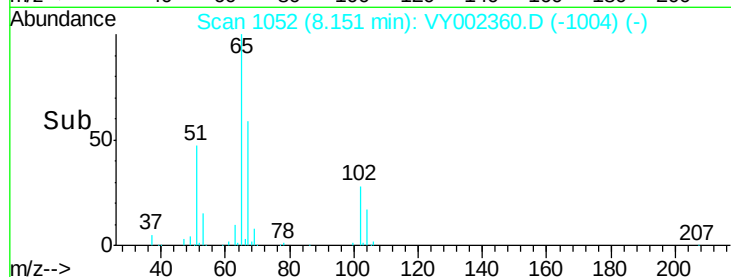
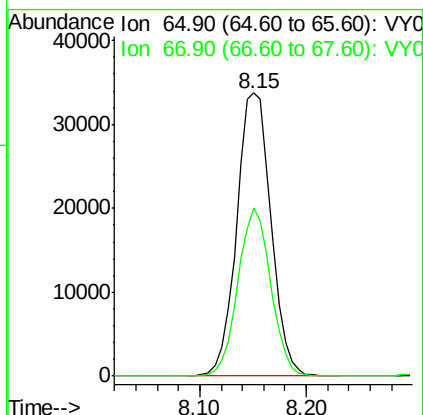
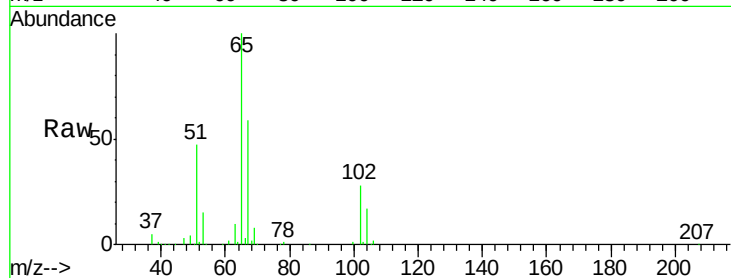




#33
 1,2-Dichloroethane-d4
 Concen: 49.069 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002360.D
 Acq: 16 Apr 2020 12:40

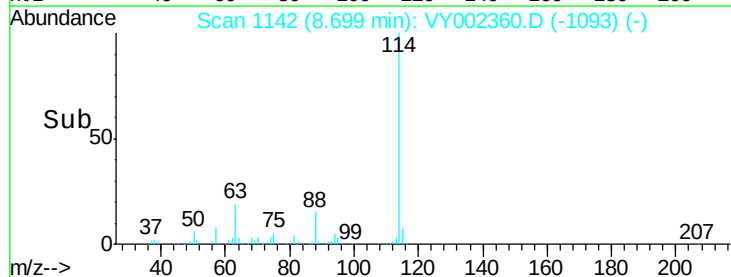
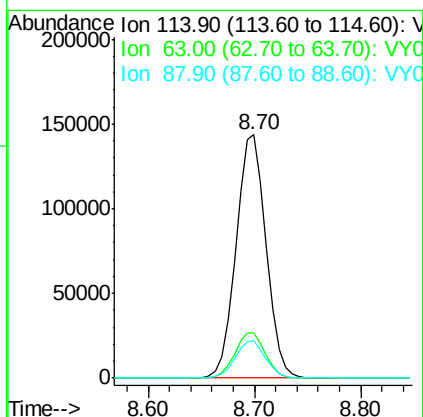
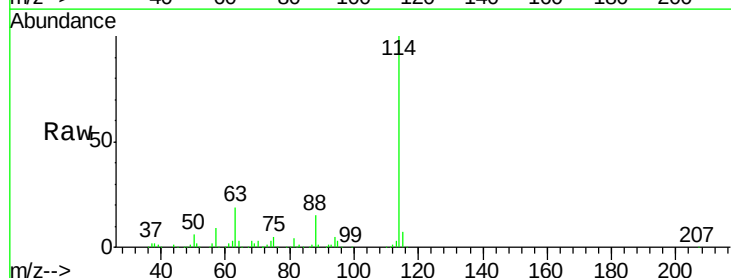
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15RE

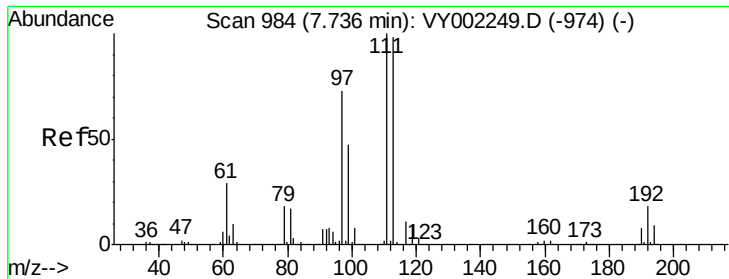
Tot Ion: 65 Resp: 76332
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002360.D
 Acq: 16 Apr 2020 12:40

Tgt Ion: 114 Resp: 283397
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 15.5 0.0 31.0

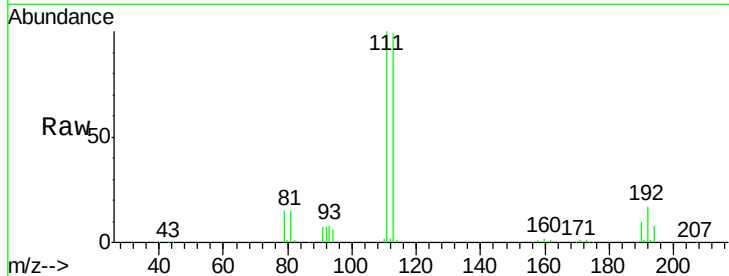




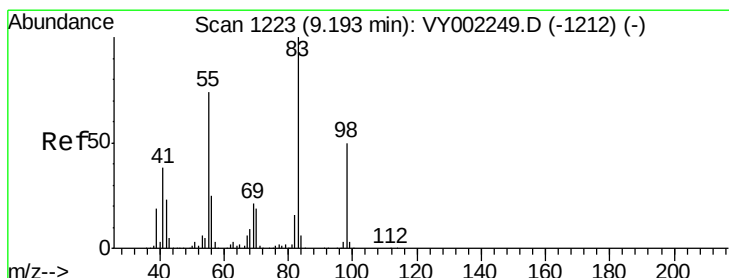
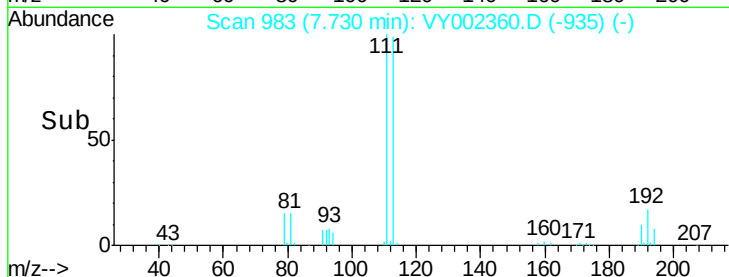
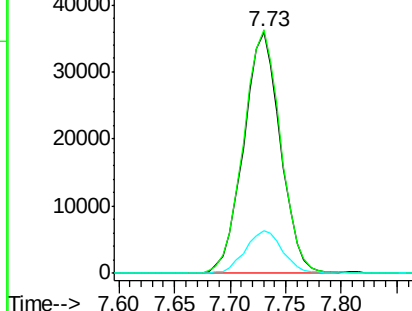
#35
 Dibromofluoromethane
 Concen: 48.859 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002360.D
 Acq: 16 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15RE

Tot Ion:113 Resp: 82392
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.5 125.3
 192 18.1 14.7 22.1

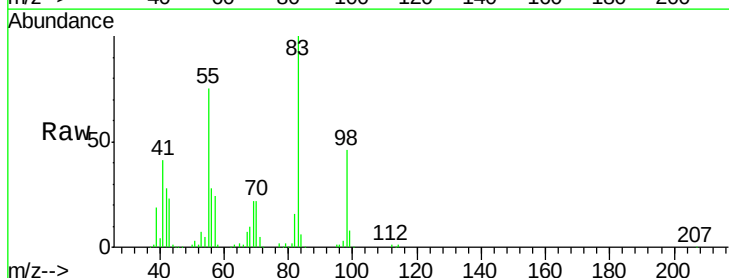


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

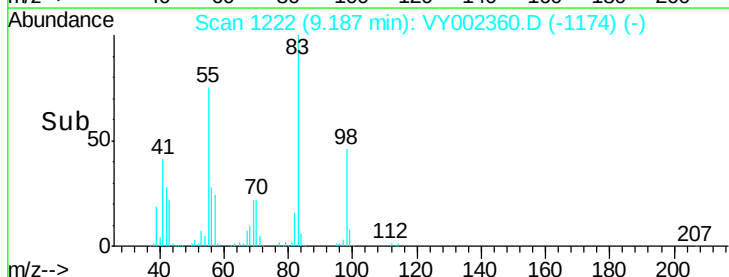
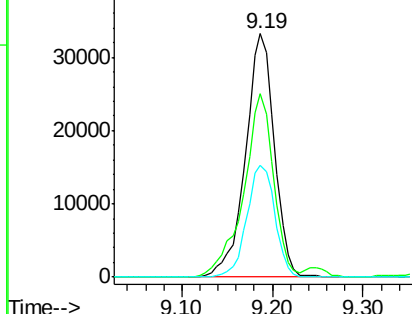


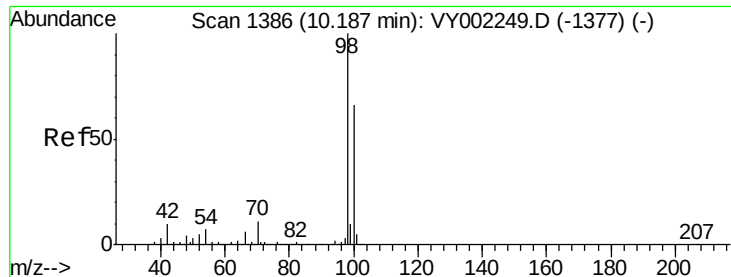
#39
 Methylcyclohexane
 Concen: 19.241 ug/l
 RT: 9.19 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: VY002360.D
 Acq: 16 Apr 2020 12:40

Tgt Ion: 83 Resp: 73060
 Ion Ratio Lower Upper
 83 100
 55 75.3 59.3 88.9
 98 46.1 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VY0
 Ion 55.00 (54.70 to 55.70): VY0
 Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 47.769 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002360.D

Acq: 16 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampled :

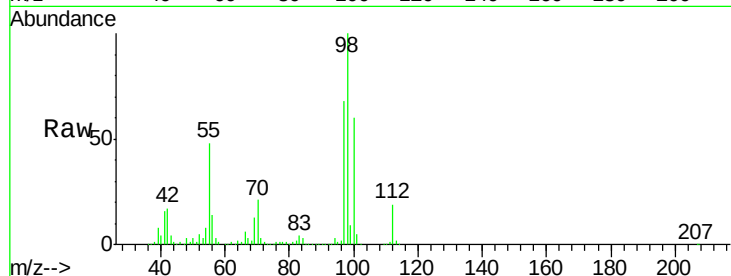
TP-15RE

Tot Ion: 98 Resp: 337163

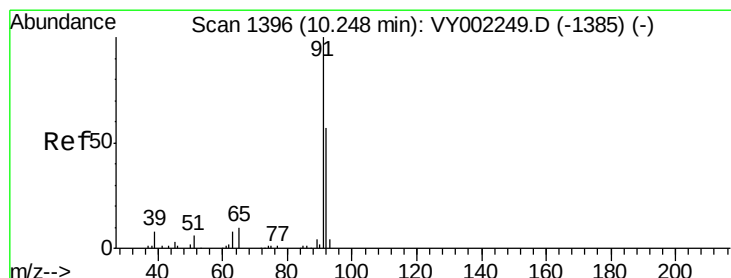
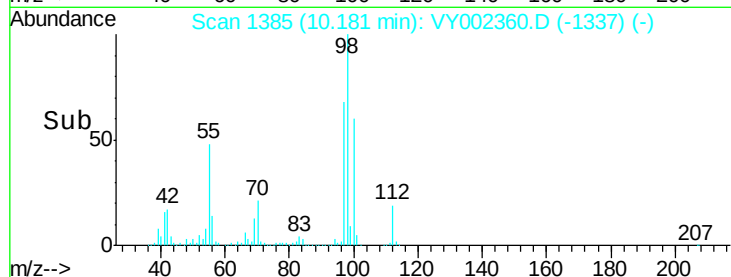
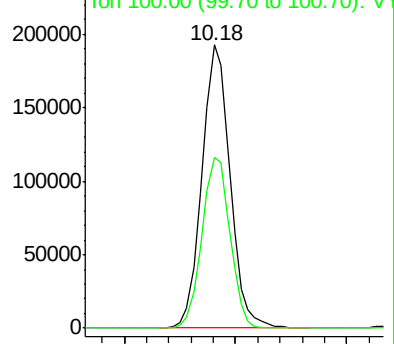
Ion Ratio Lower Upper

98 100

100 59.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)



#52

Toluene

Concen: 1.328 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY002360.D

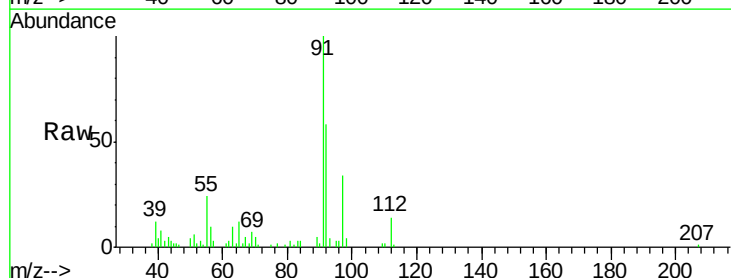
Acq: 16 Apr 2020 12:40

Tgt Ion: 92 Resp: 6780

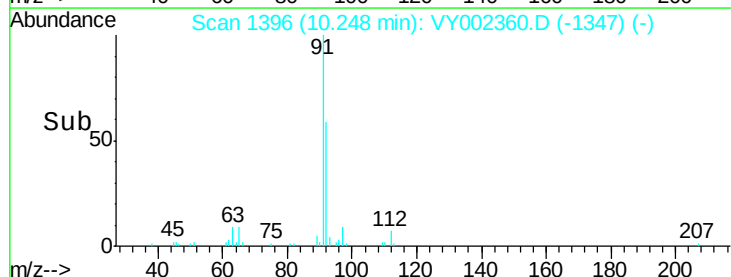
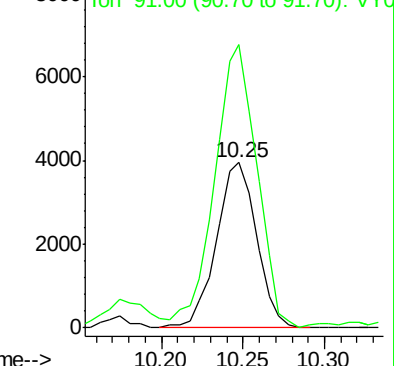
Ion Ratio Lower Upper

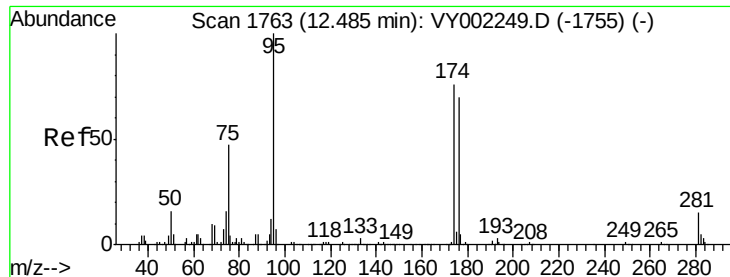
92 100

91 179.4 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)

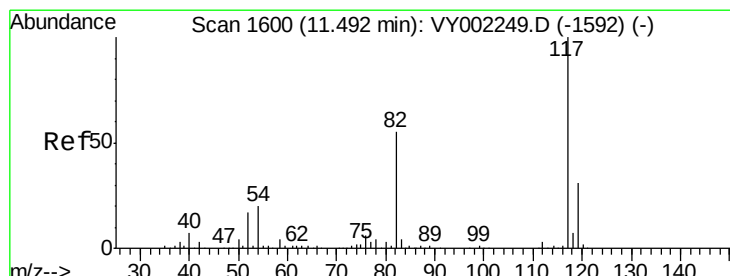
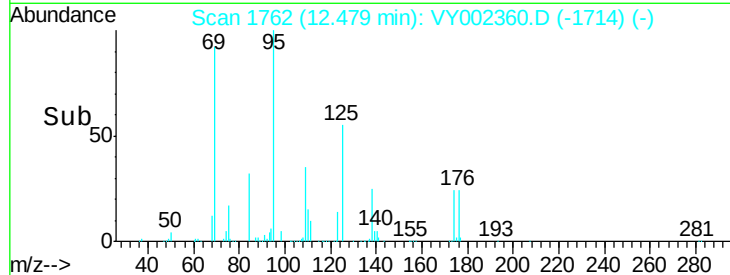
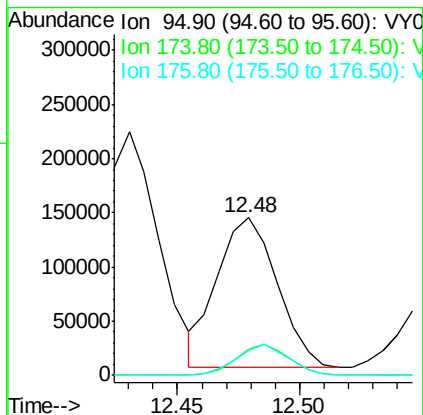
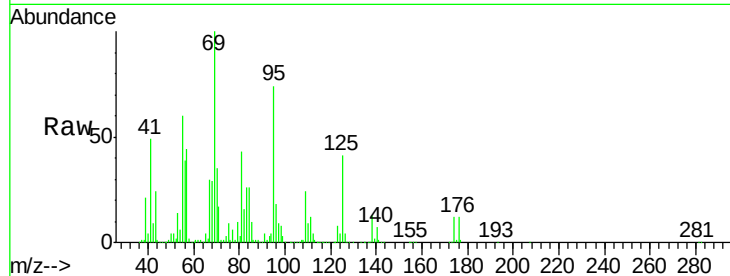




#62
4-Bromofluorobenzene
Concen: 101.336 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002360.D
Acq: 16 Apr 2020 12:40

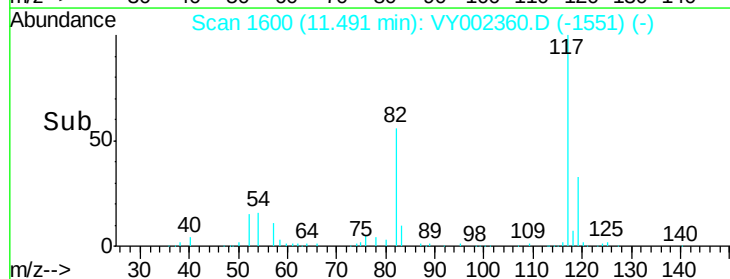
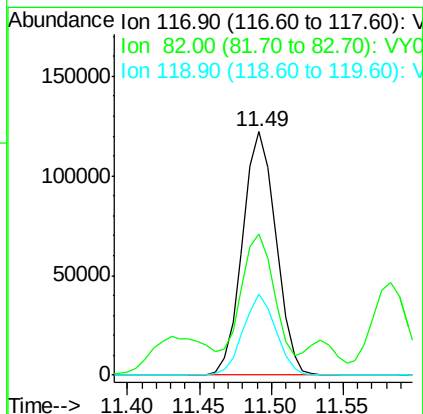
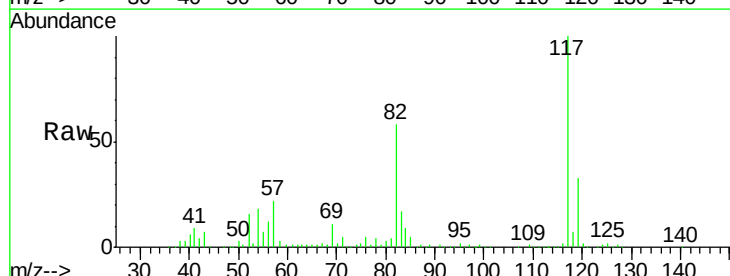
Instrument :
MSVOA_Y
ClientSampled :
TP-15RE

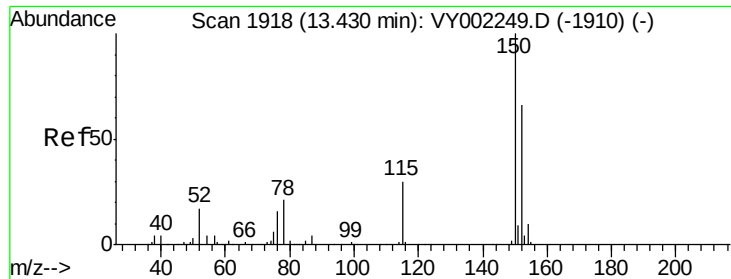
Tot Ion: 95 Resp: 235969
Ion Ratio Lower Upper
95 100
174 18.2 0.0 150.6
176 17.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002360.D
Acq: 16 Apr 2020 12:40

Tgt Ion: 117 Resp: 196794
Ion Ratio Lower Upper
117 100
82 50.3 44.2 66.4
119 33.4 25.1 37.7

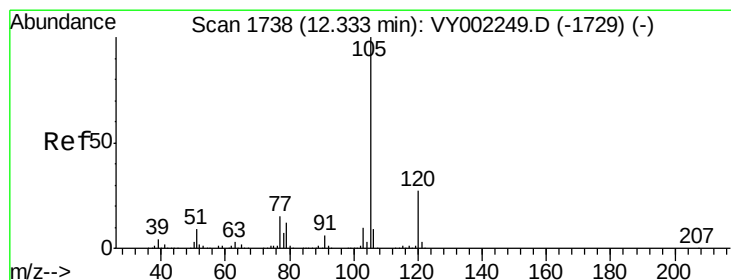
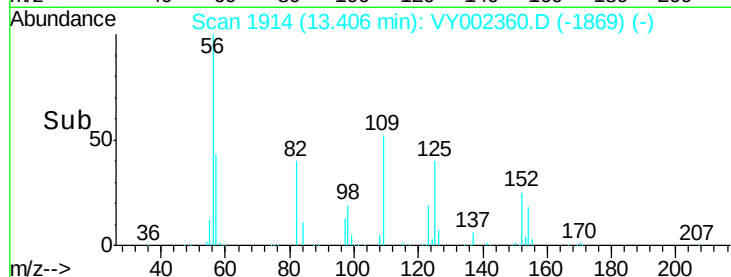
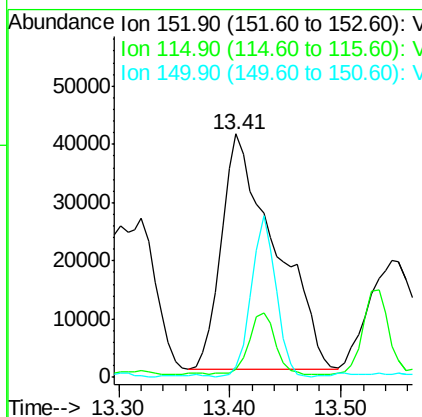
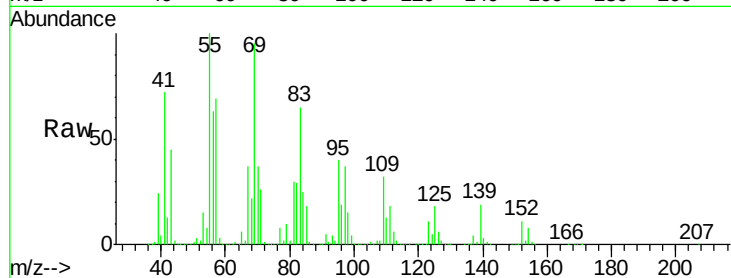




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.41 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: VY002360.D
 Acq: 16 Apr 2020 12:40

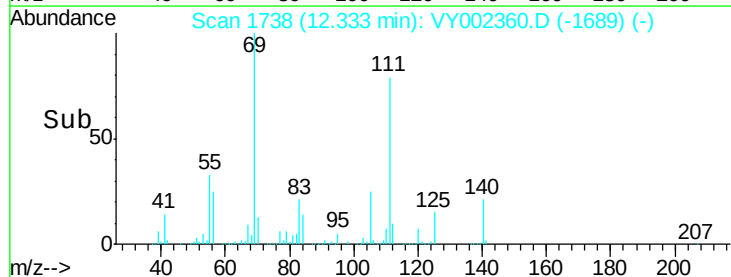
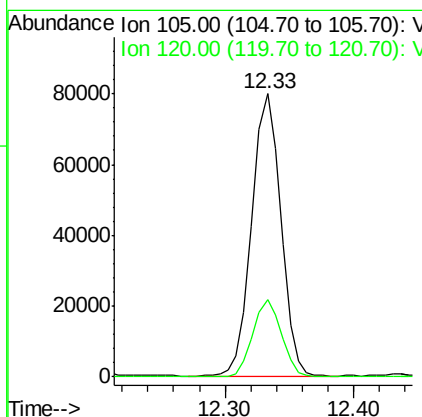
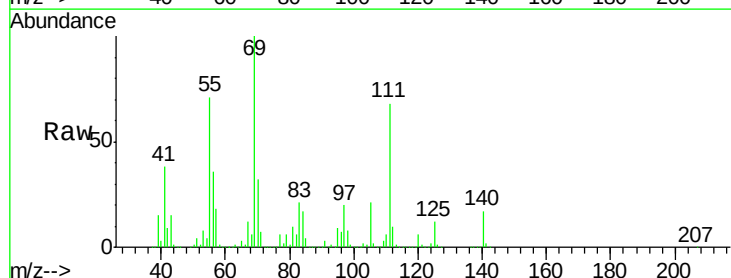
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15RE

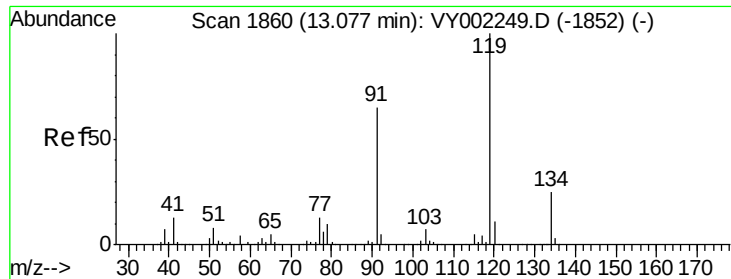
Tot Ion:152 Resp: 135424
 Ion Ratio Lower Upper
 152 100
 115 0.0 30.7 92.1#
 150 0.0 0.0 350.6



#73
 Isopropylbenzene
 Concen: 11.702 ug/l
 RT: 12.33 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: VY002360.D
 Acq: 16 Apr 2020 12:40

Tgt Ion:105 Resp: 124498
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.3 39.8

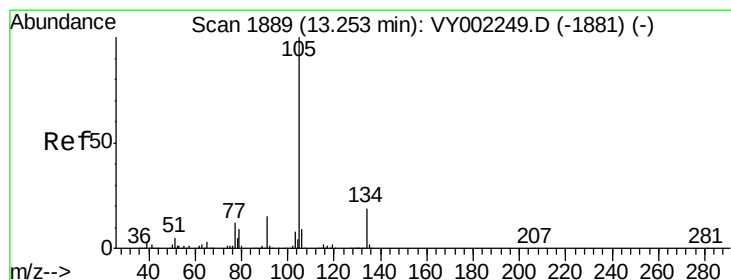
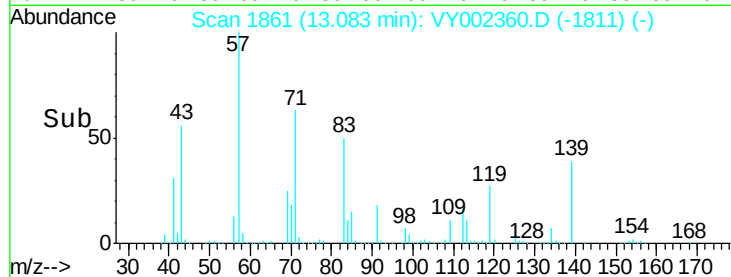
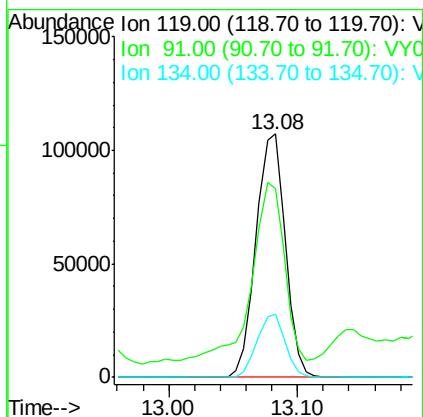
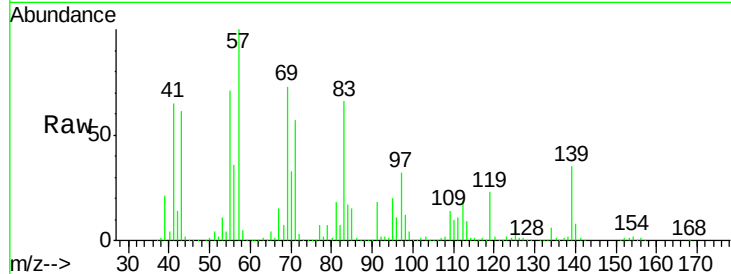




#83
tert-Butylbenzene
Concen: 22.840 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY002360.D
Acq: 16 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :
TP-15RE

Tot Ion:119 Resp: 168331
Ion Ratio Lower Upper
119 100
91 86.9 32.4 97.0
134 25.1 12.6 37.6



#85
sec-Butylbenzene
Concen: 99.526 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY002360.D
Acq: 16 Apr 2020 12:40

Tgt Ion:105 Resp: 1092702
Ion Ratio Lower Upper
105 100
134 29.7 9.8 29.3#

