

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002332.D
 Acq On : 15 Apr 2020 13:28
 Operator : SY/MD
 Sample : L2245-04
 Misc : 5.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: Apr 16 09:16:19 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

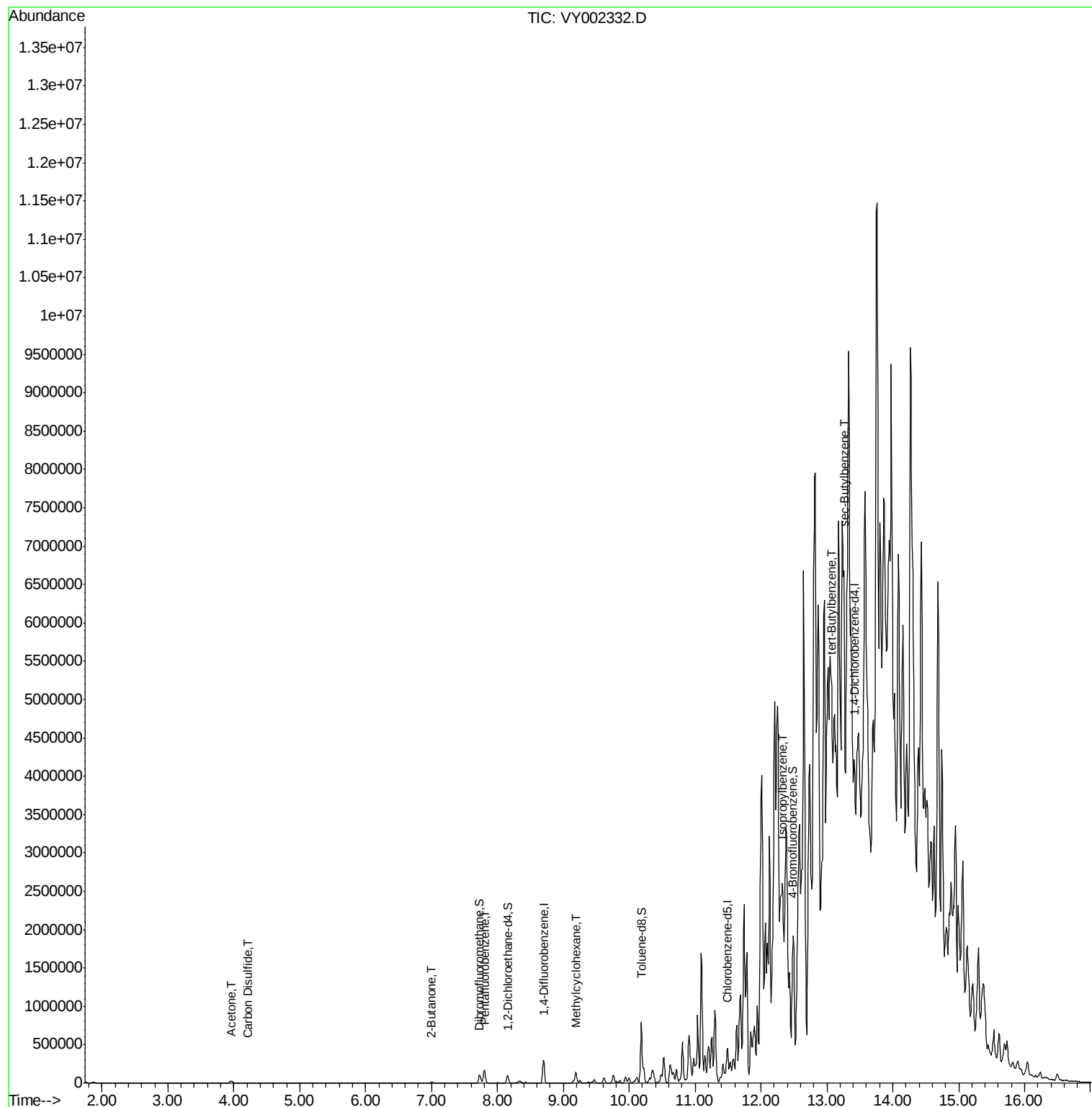
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	131906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	268016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	179505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	129148	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	72767	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.73	113	77957	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	10.19	98	308255	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	12.48	95	207549	94.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	188.50%	
Target Compounds						
16) Acetone	3.96	43	49719	128.688	ug/l	95
17) Carbon Disulfide	4.21	76	6795	1.285	ug/l	98
25) 2-Butanone	7.00	43	23207	37.956	ug/l	93
39) Methylcyclohexane	9.19	83	58319	16.240	ug/l	97
73) Isopropylbenzene	12.33	105	91904	9.058	ug/l	100
83) tert-Butylbenzene	13.08	119	152950	21.761	ug/l	86
85) sec-Butylbenzene	13.26	105	836128	79.857	ug/l #	73

(#) = 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: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

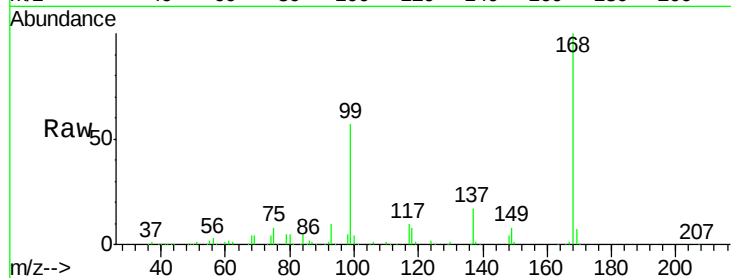
TP-15

Tot Ion:168 Resp: 131906

Ion Ratio Lower Upper

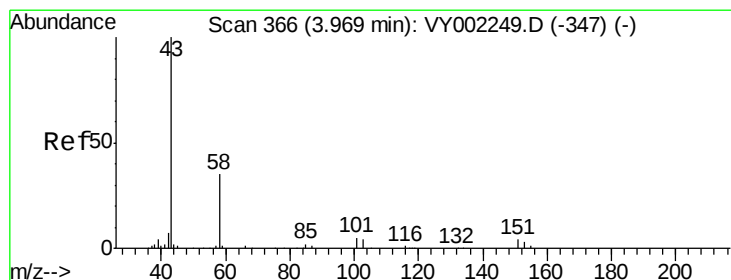
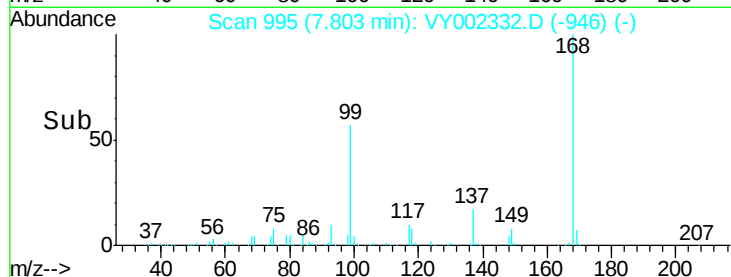
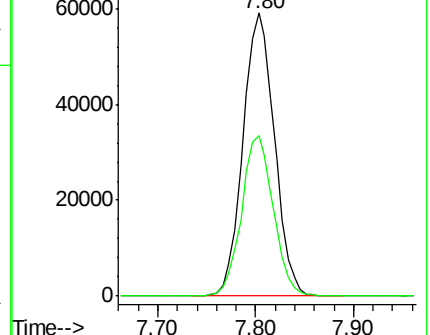
168 100

99 56.8 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: 128.688 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002332.D

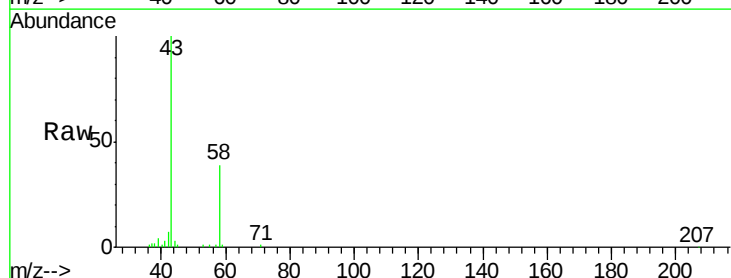
Acq: 15 Apr 2020 13:28

Tgt Ion: 43 Resp: 49719

Ion Ratio Lower Upper

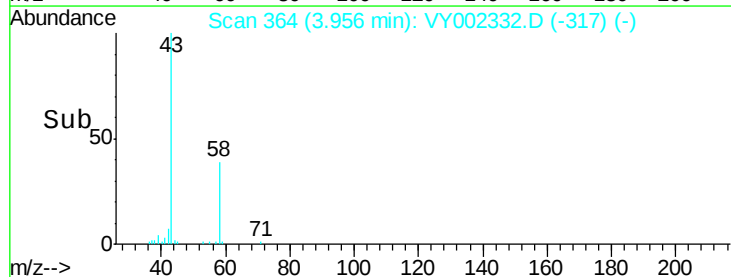
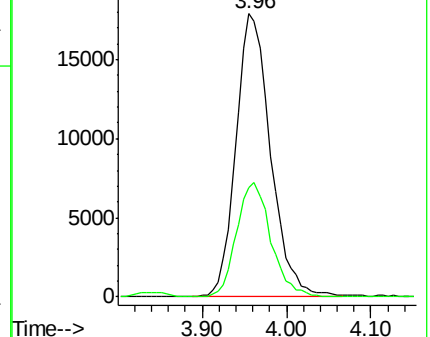
43 100

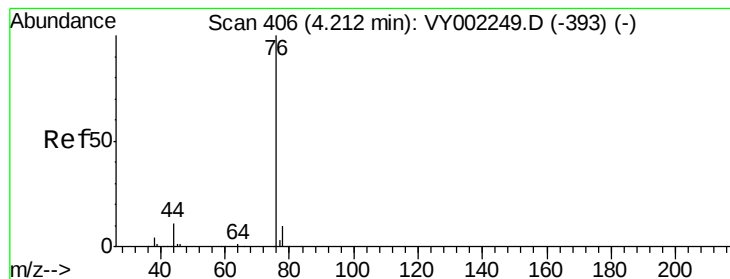
58 38.8 28.5 42.7



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: 1.285 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampled :

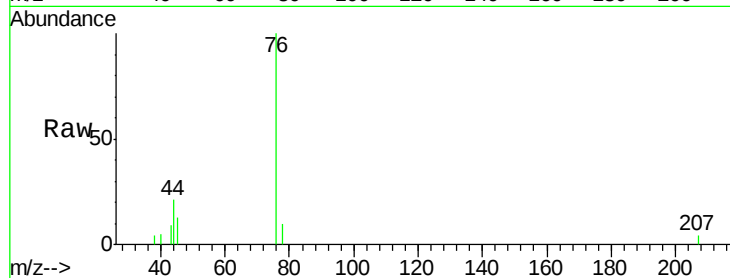
TP-15

Tot Ion: 76 Resp: 6795

Ion Ratio Lower Upper

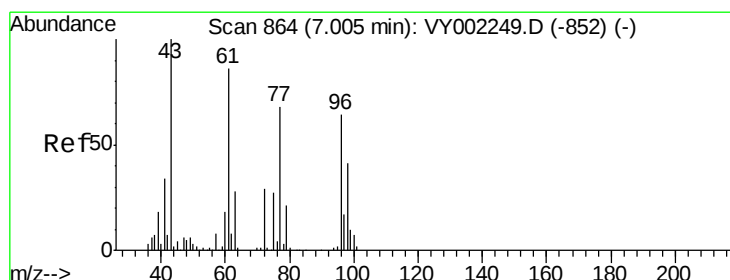
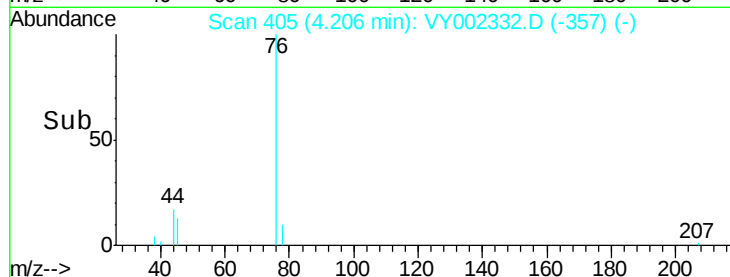
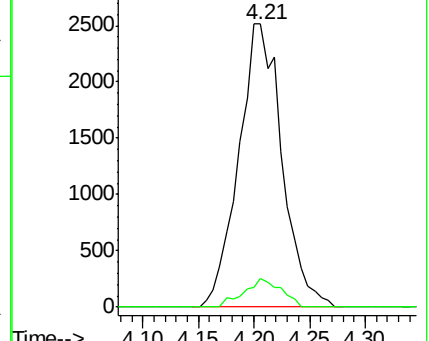
76 100

78 10.2 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: 37.956 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002332.D

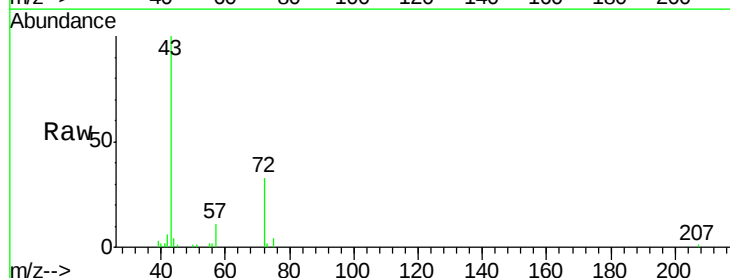
Acq: 15 Apr 2020 13:28

Tgt Ion: 43 Resp: 23207

Ion Ratio Lower Upper

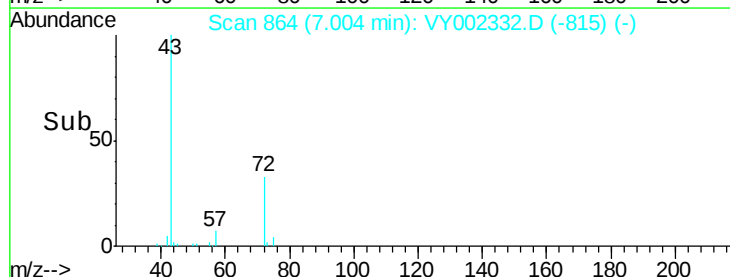
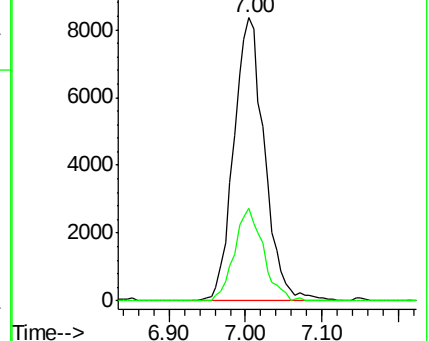
43 100

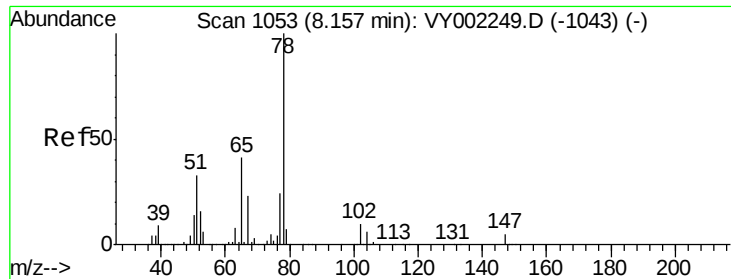
72 32.6 23.2 34.8



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: 49.606 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampled :

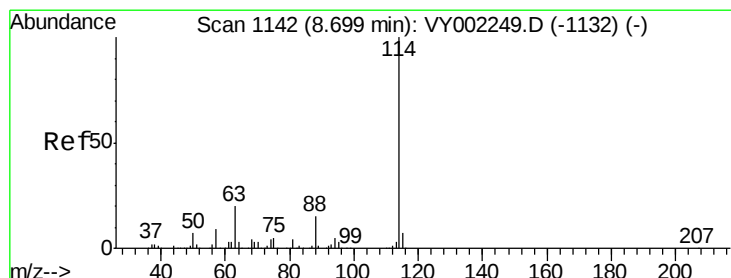
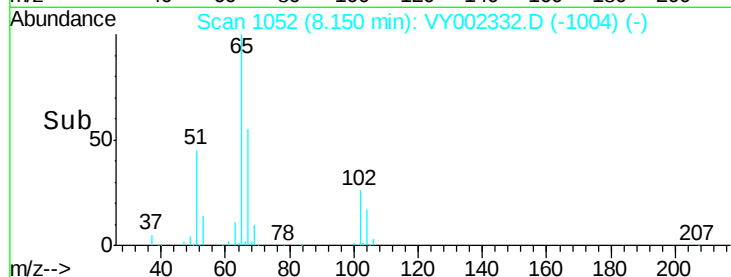
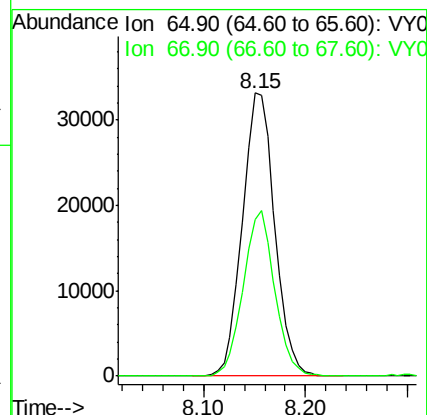
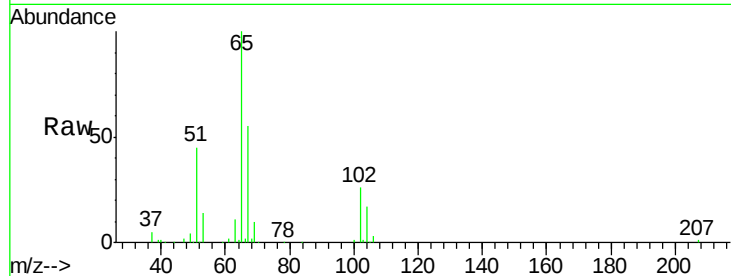
TP-15

Tot Ion: 65 Resp: 72767

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: VY002332.D

Acq: 15 Apr 2020 13:28

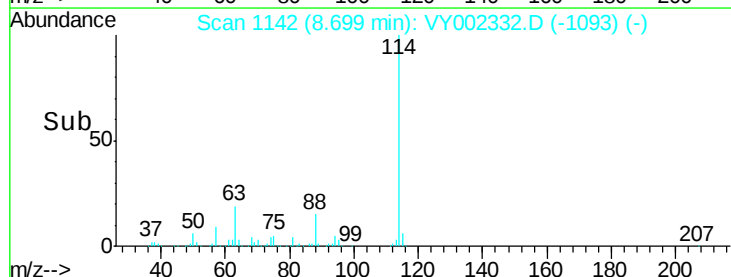
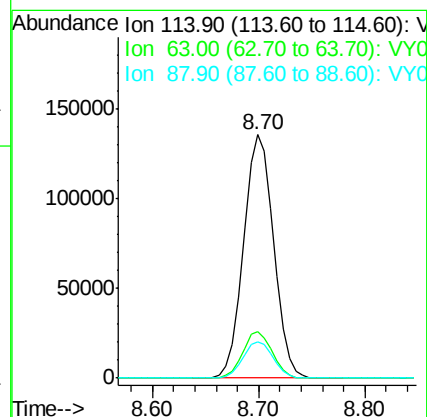
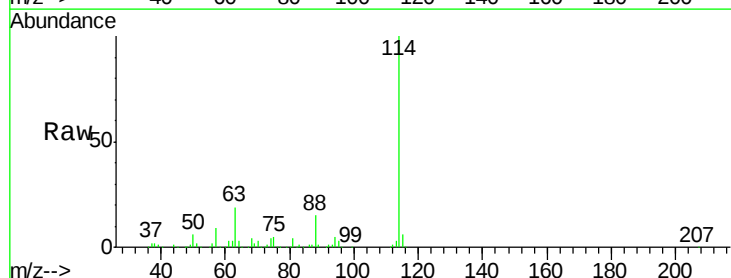
Tgt Ion: 114 Resp: 268016

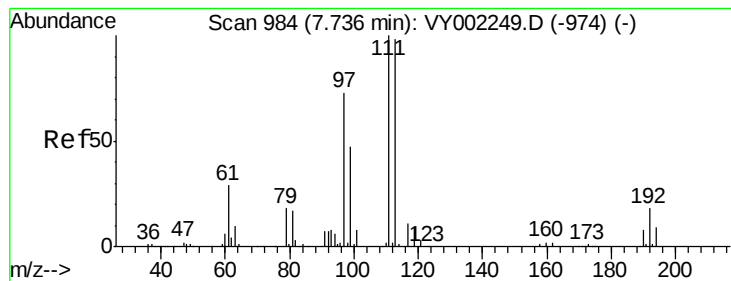
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.882 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-15

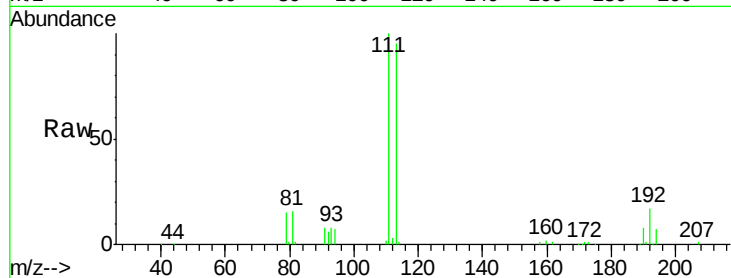
Tot Ion:113 Resp: 77957

Ion Ratio Lower Upper

113 100

111 104.1 83.5 125.3

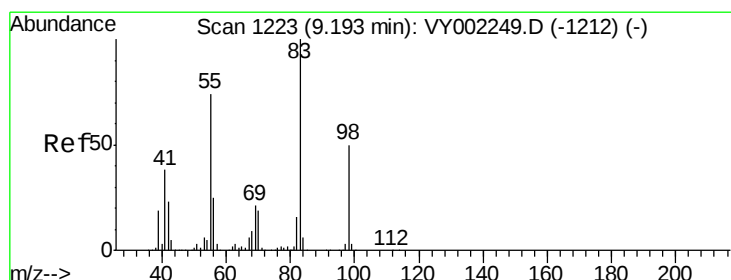
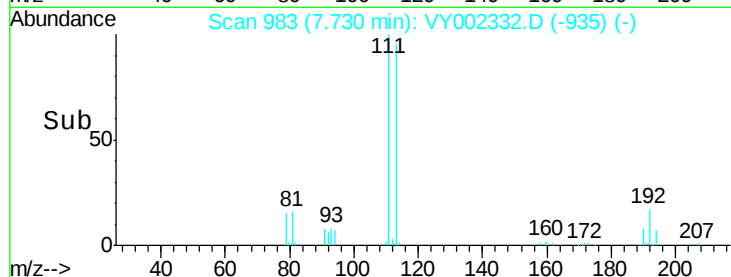
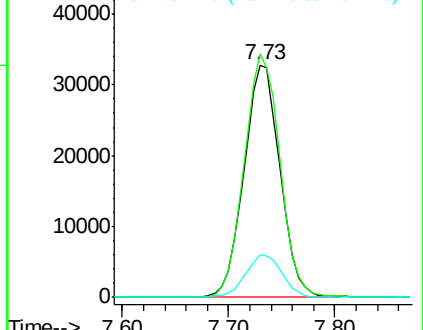
192 18.5 14.7 22.1



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



#39

Methylcyclohexane

Concen: 16.240 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

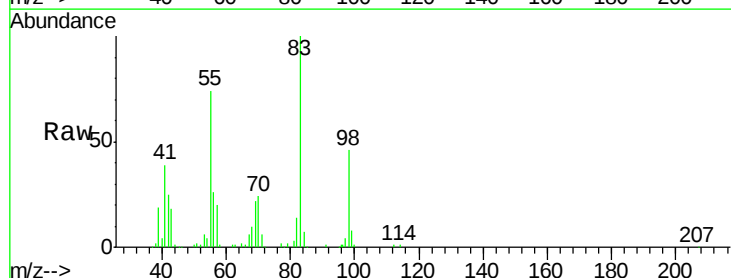
Tgt Ion: 83 Resp: 58319

Ion Ratio Lower Upper

83 100

55 73.3 59.3 88.9

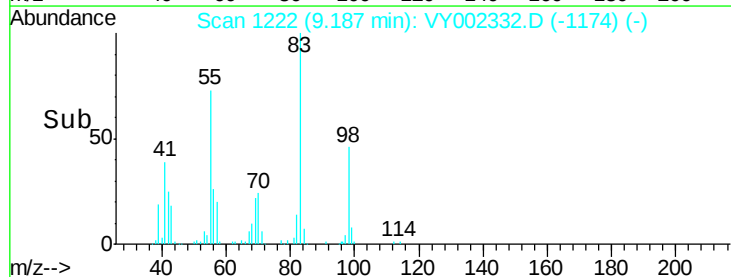
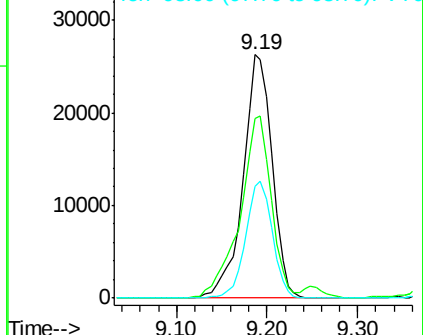
98 45.8 39.6 59.4

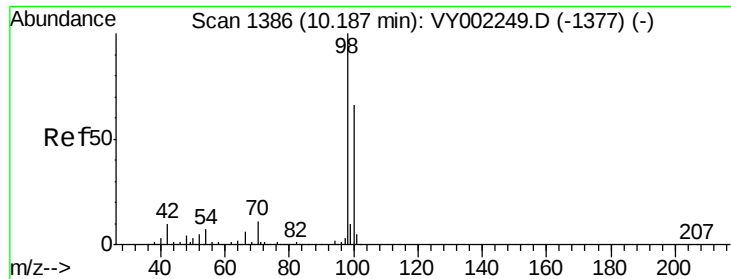


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 46.180 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampled :

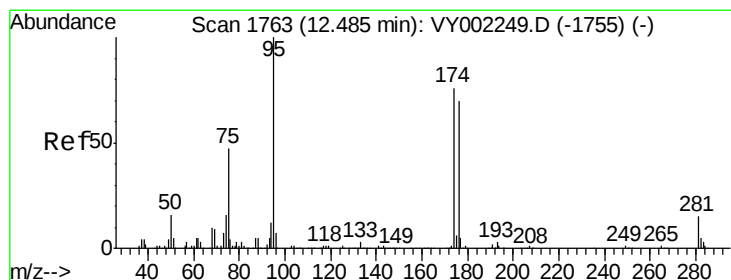
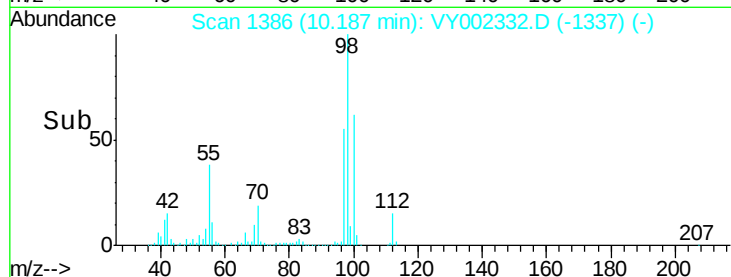
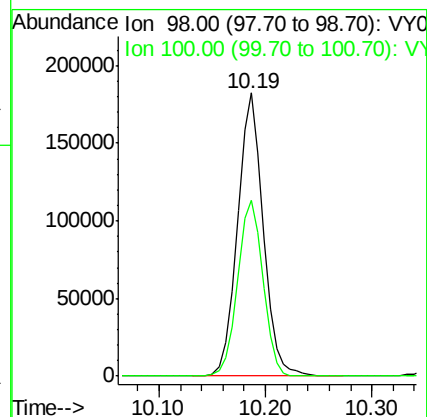
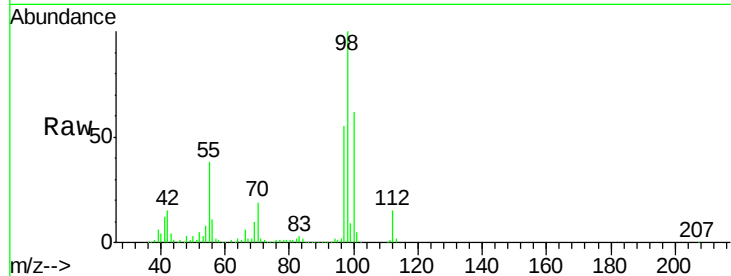
TP-15

Tot Ion: 98 Resp: 308255

Ion Ratio Lower Upper

98 100

100 61.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 94.246 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

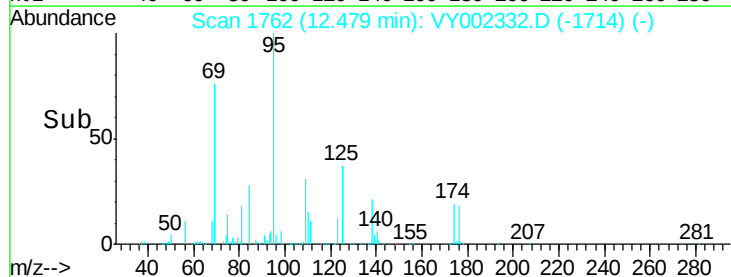
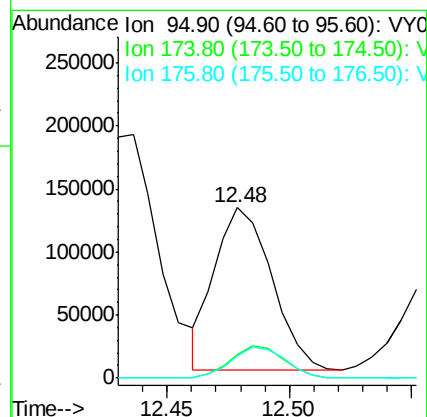
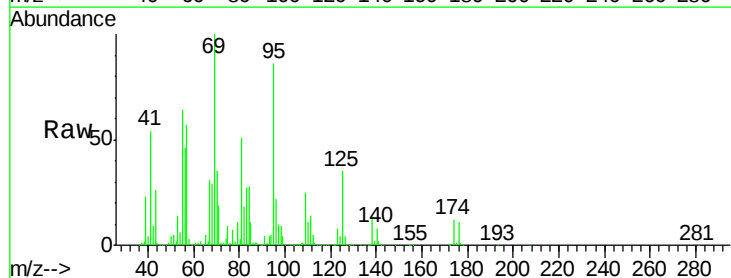
Tgt Ion: 95 Resp: 207549

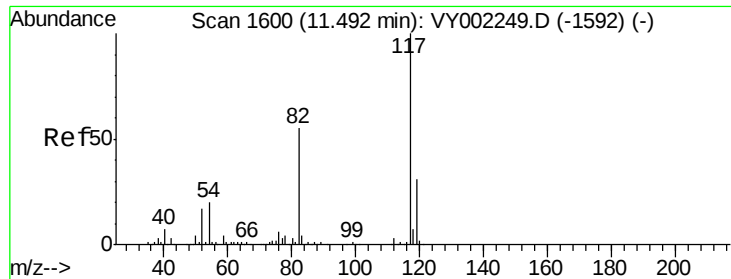
Ion Ratio Lower Upper

95 100

174 18.9 0.0 150.6

176 18.3 0.0 141.4

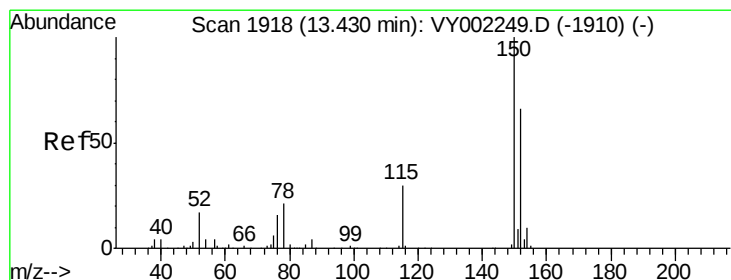
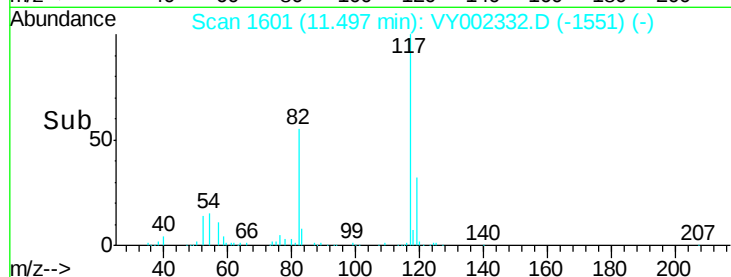
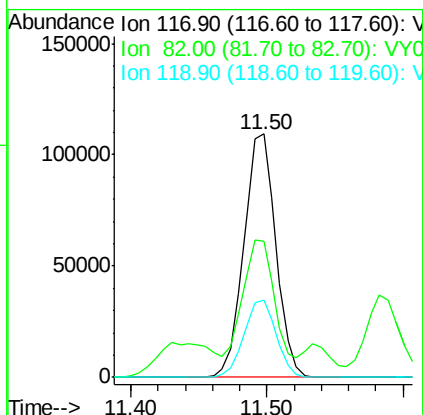
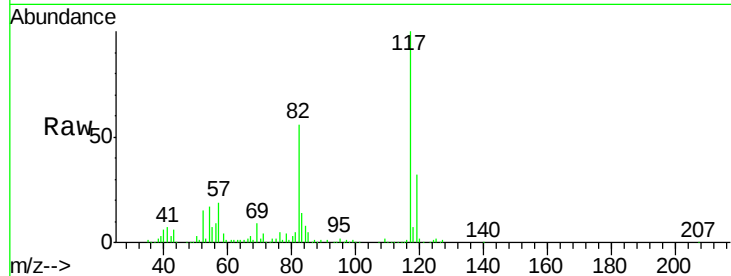




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002332.D
Acq: 15 Apr 2020 13:28

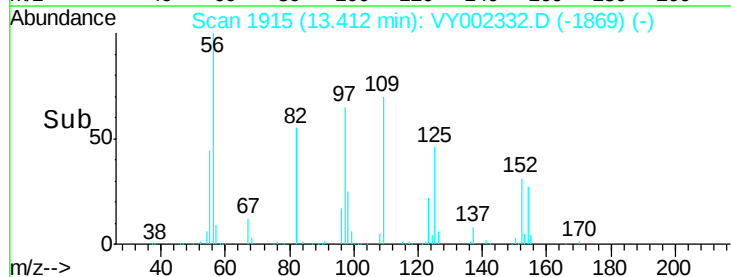
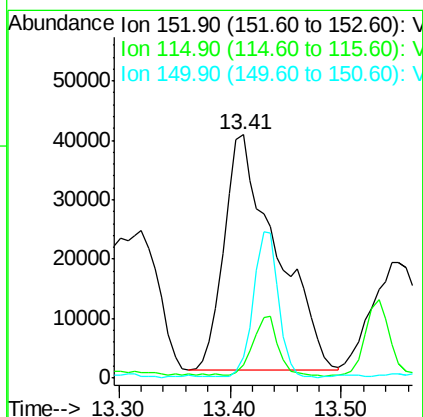
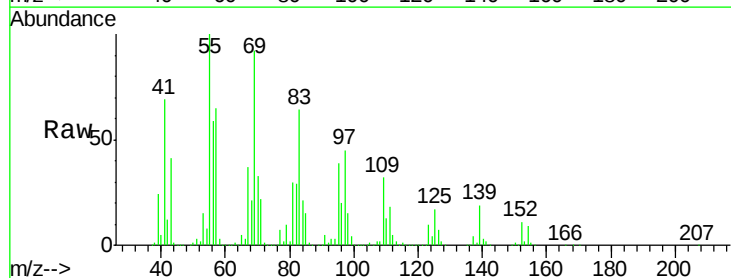
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

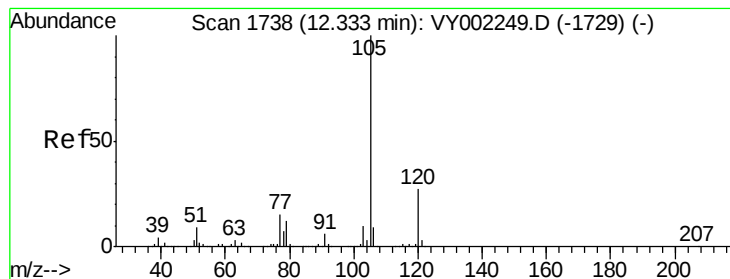
Tot Ion:117 Resp: 179505
Ion Ratio Lower Upper
117 100
82 50.6 44.2 66.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.41 min Scan# 1915
Delta R.T. -0.02 min
Lab File: VY002332.D
Acq: 15 Apr 2020 13:28

Tgt Ion:152 Resp: 129148
Ion Ratio Lower Upper
152 100
115 0.0 30.7 92.1#
150 0.0 0.0 350.6





#73

Isopropylbenzene

Concen: 9.058 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

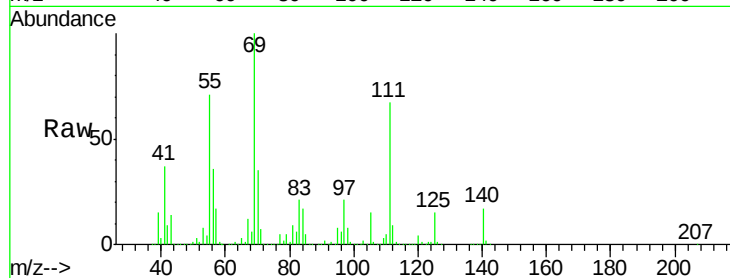
TP-15

Tot Ion:105 Resp: 91904

Ion Ratio Lower Upper

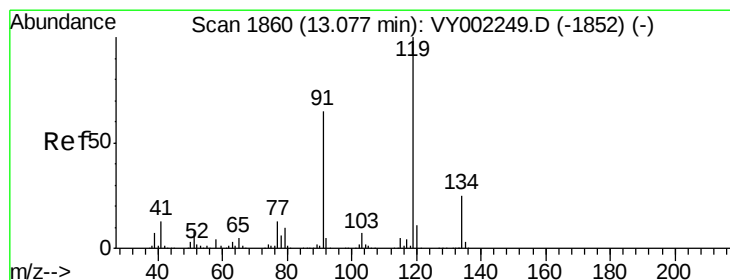
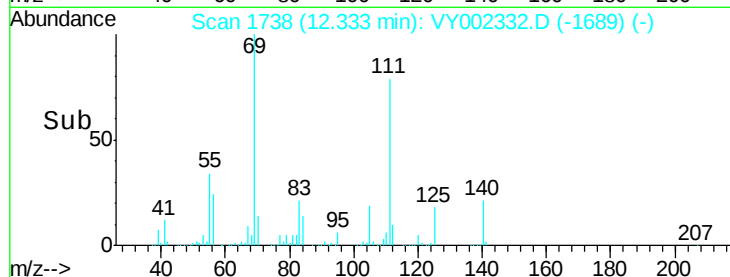
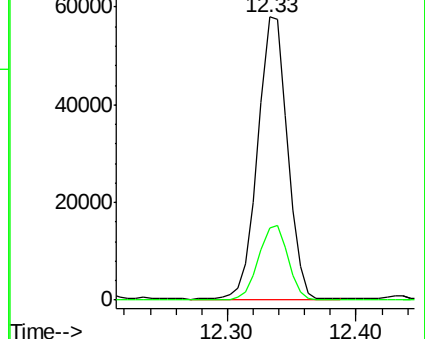
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 21.761 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

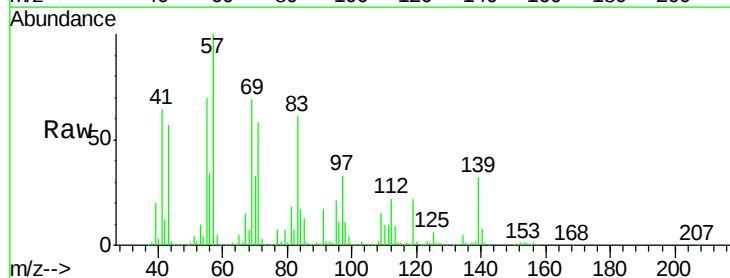
Tgt Ion:119 Resp: 152950

Ion Ratio Lower Upper

119 100

91 80.4 32.4 97.0

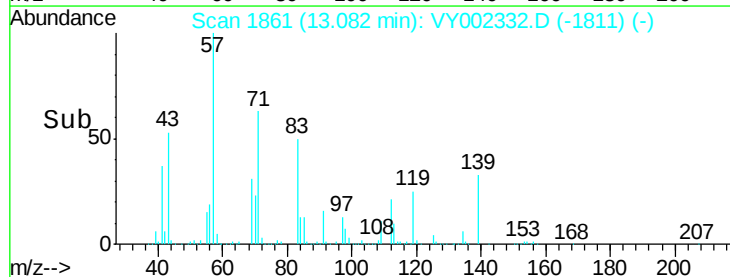
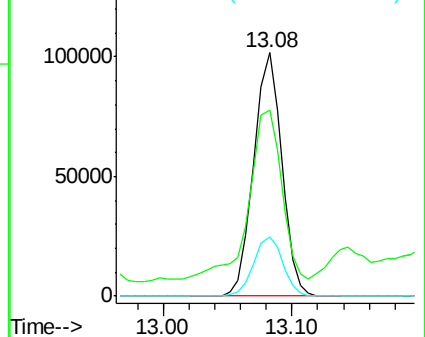
134 25.2 12.6 37.6

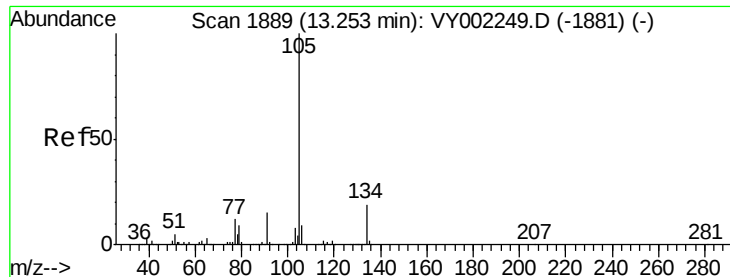


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 79.857 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002332.D

Acq: 15 Apr 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-15

Tot Ion:105 Resp: 836128

Ion Ratio Lower Upper

105 100

134 31.8 9.8 29.3#

