

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002414.D
 Acq On : 17 Apr 2020 20:47
 Operator : SY/MD
 Sample : L2283-06
 Misc : 4.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-1-1

Quant Time: Apr 18 07:57:05 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

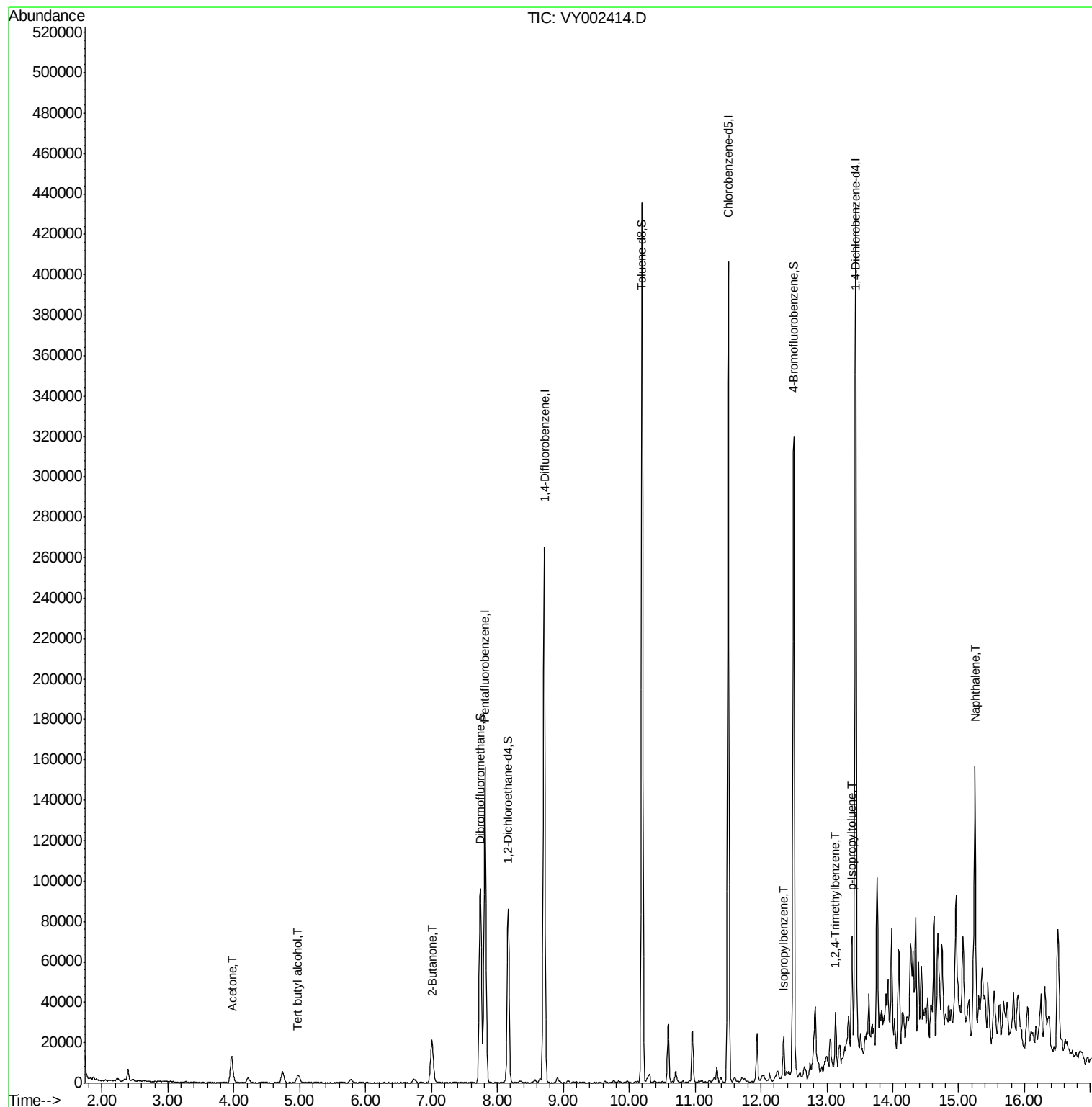
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	125675	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	251785	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	241580	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	110552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	60831	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	7.74	113	71232	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.19	98	300252	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.49	95	100134	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	8609	28.102	ug/l #	94
16) Acetone	3.97	43	21848	59.353	ug/l #	85
25) 2-Butanone	7.02	43	10582	18.165	ug/l #	88
73) Isopropylbenzene	12.35	105	9723	1.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	15824	2.206	ug/l	98
86) p-Isopropyltoluene	13.38	119	30007	3.890	ug/l	99
95) Naphthalene	15.25	128	103736	21.541	ug/l	99

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002414.D

Acq: 17 Apr 2020 20:47

Instrument :

MSVOA_Y

ClientSampleId :

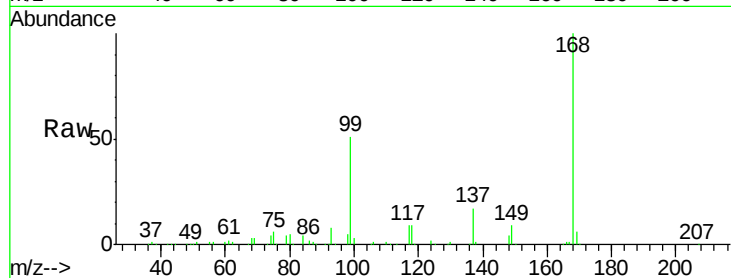
WB-1-1

Tot Ion:168 Resp: 125675

Ion Ratio Lower Upper

168 100

99 51.2 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) (-)

7.82

60000

50000

40000

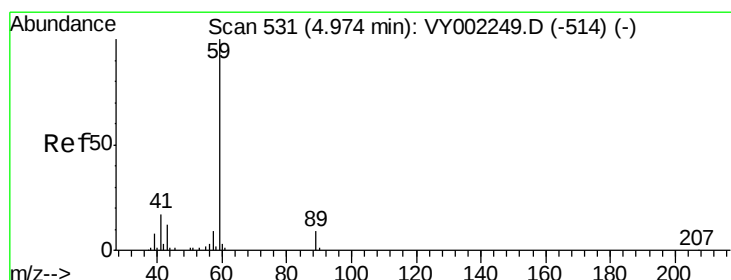
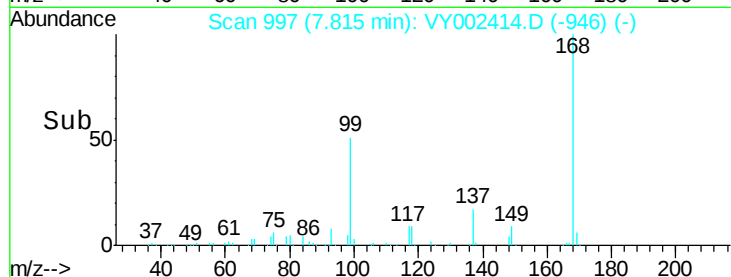
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 28.102 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.00 min

Lab File: VY002414.D

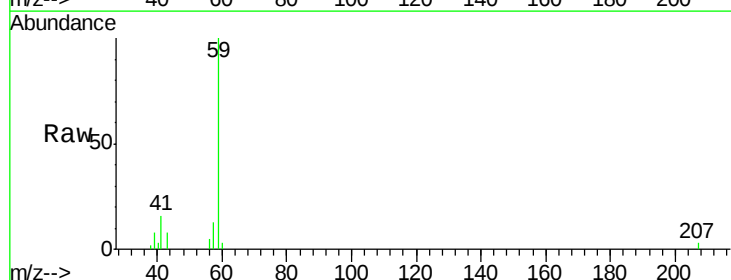
Acq: 17 Apr 2020 20:47

Tgt Ion: 59 Resp: 8609

Ion Ratio Lower Upper

59 100

57 10.3 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.97

2500

2000

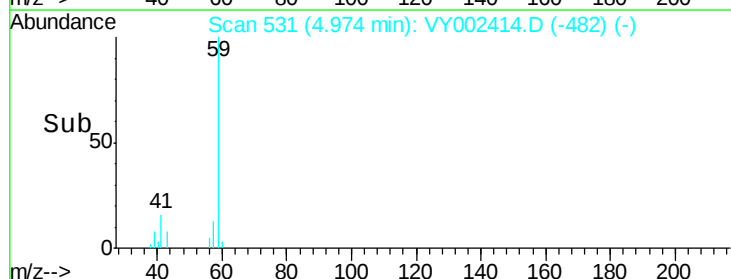
1500

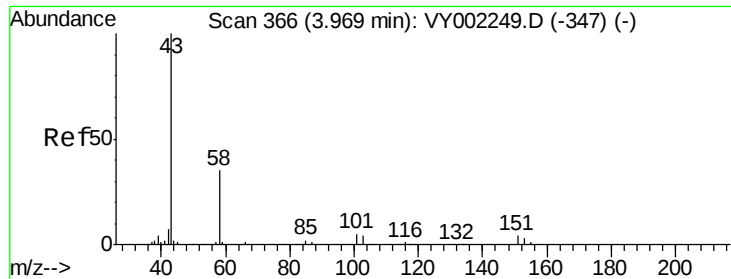
1000

500

0

Time-->





#16

Acetone

Concen: 59.353 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002414.D

Acq: 17 Apr 2020 20:47

Instrument :

MSVOA_Y

ClientSampled :

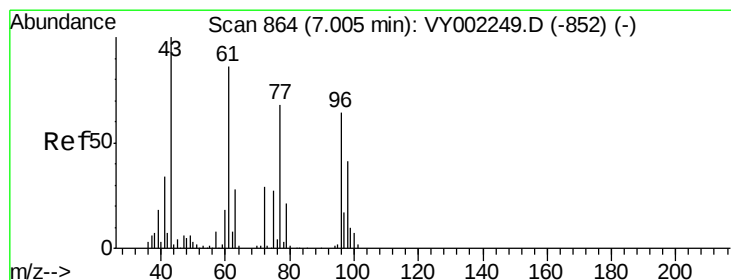
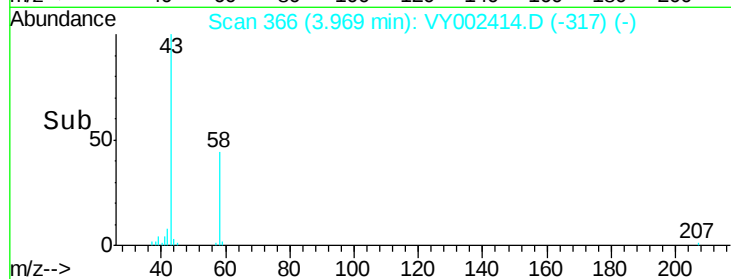
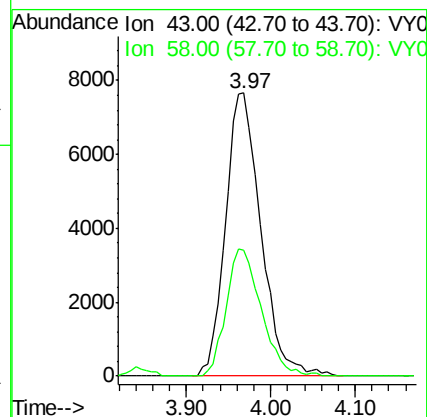
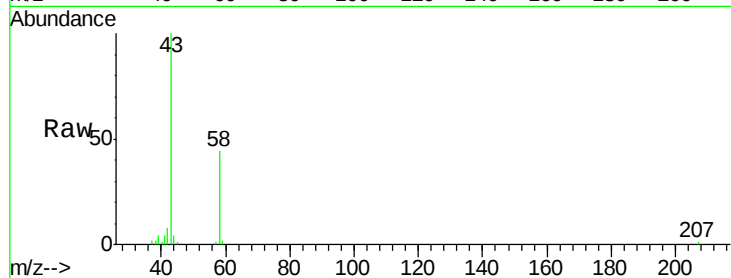
WB-1-1

Tot Ion: 43 Resp: 21848

Ion Ratio Lower Upper

43 100

58 44.5 28.5 42.7#



#25

2-Butanone

Concen: 18.165 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002414.D

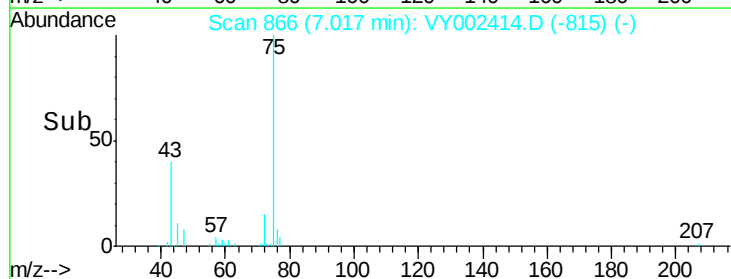
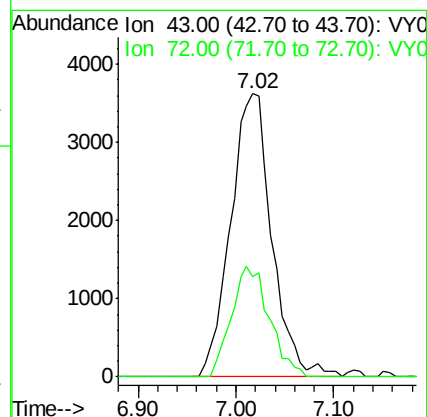
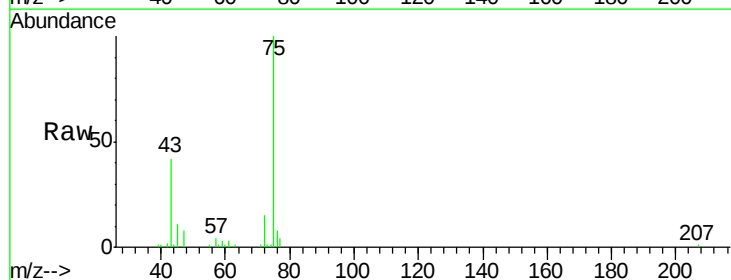
Acq: 17 Apr 2020 20:47

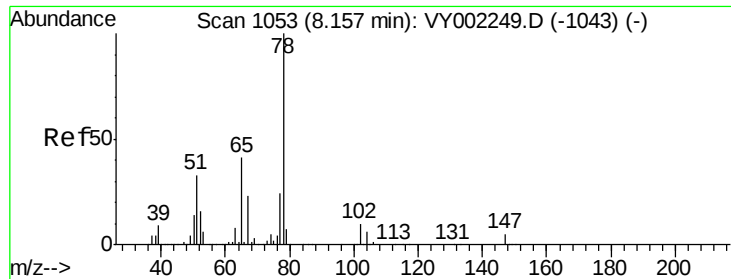
Tgt Ion: 43 Resp: 10582

Ion Ratio Lower Upper

43 100

72 35.3 23.2 34.8#

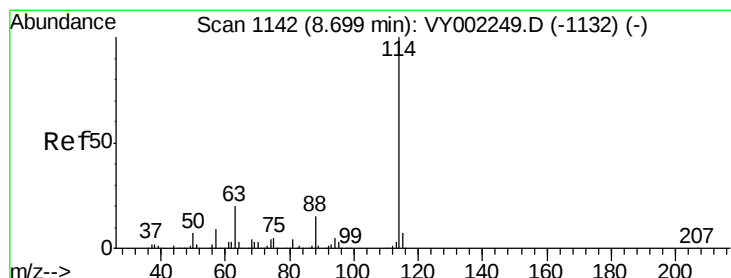
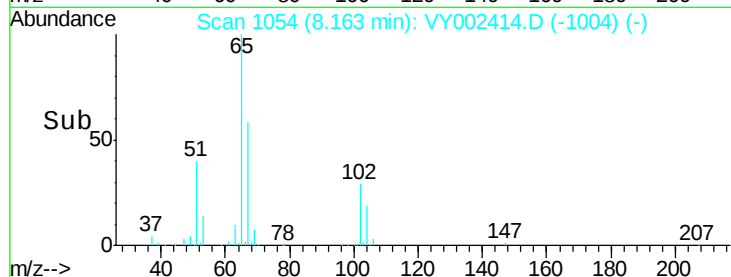
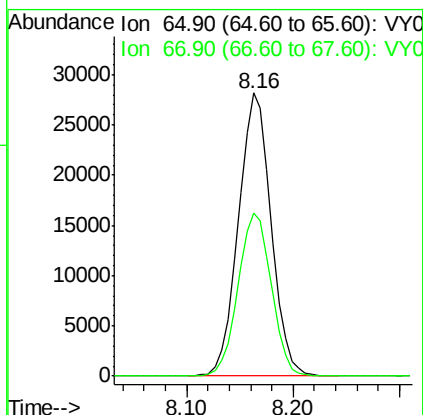
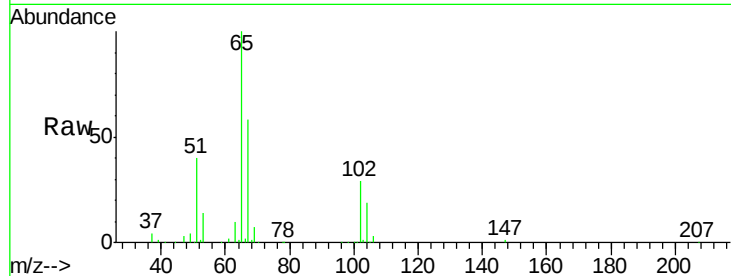




#33
 1,2-Dichloroethane-d4
 Concen: 43.525 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002414.D
 Acq: 17 Apr 2020 20:47

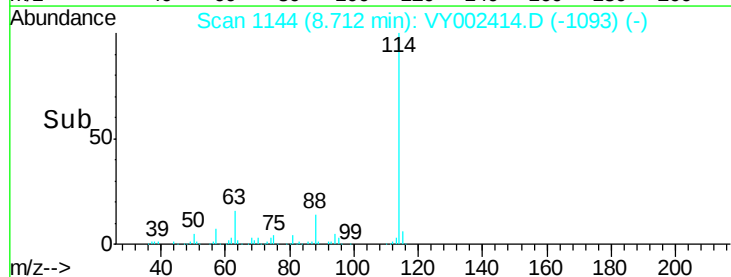
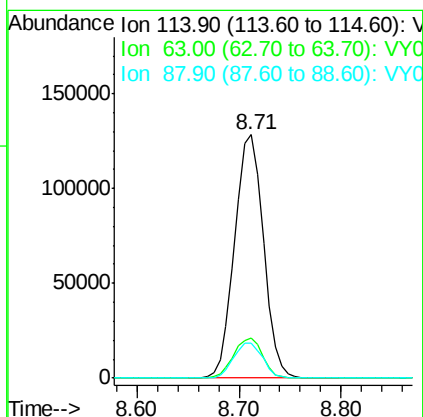
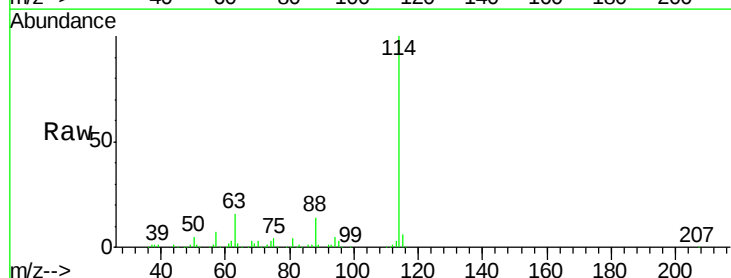
Instrument :
 MSVOA_Y
 ClientSampled :
 WB-1-1

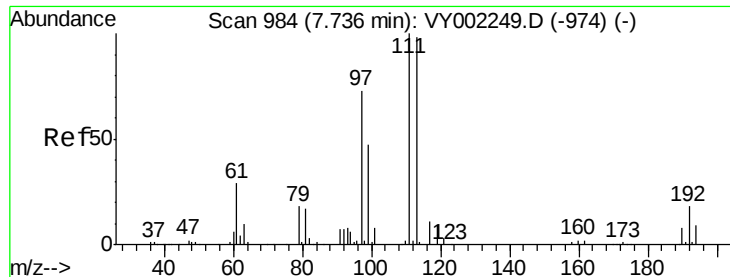
Tot Ion: 65 Resp: 60831
 Ion Ratio Lower Upper
 65 100
 67 58.5 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002414.D
 Acq: 17 Apr 2020 20:47

Tgt Ion: 114 Resp: 251785
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 39.0
 88 14.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.545 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002414.D

Acq: 17 Apr 2020 20:47

Instrument :

MSVOA_Y

ClientSampleId :

WB-1-1

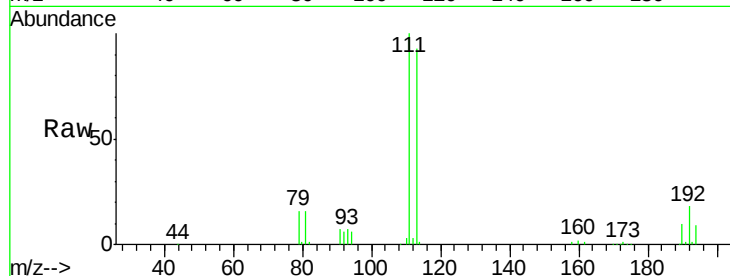
Tot Ion:113 Resp: 71232

Ion Ratio Lower Upper

113 100

111 104.5 83.5 125.3

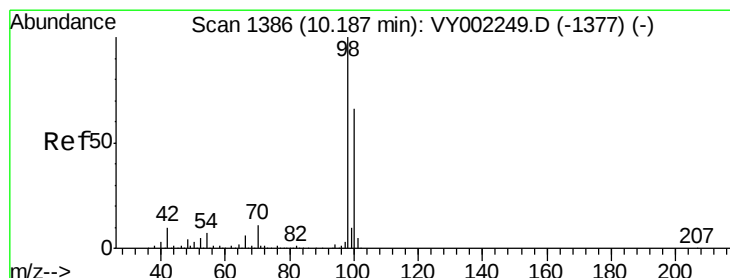
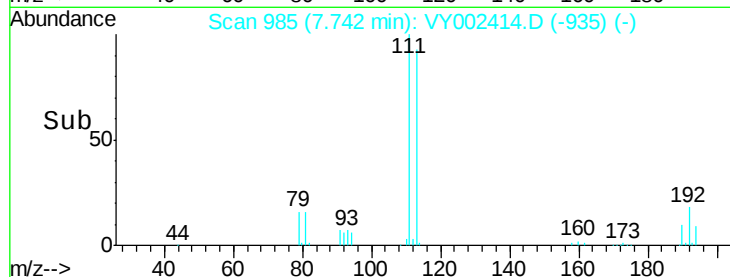
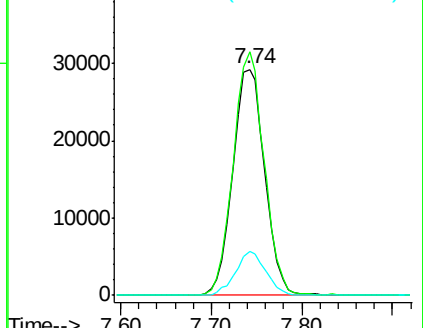
192 18.5 14.7 22.1



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: 47.880 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002414.D

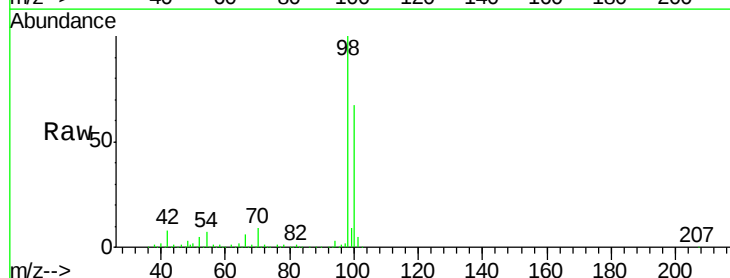
Acq: 17 Apr 2020 20:47

Tgt Ion: 98 Resp: 300252

Ion Ratio Lower Upper

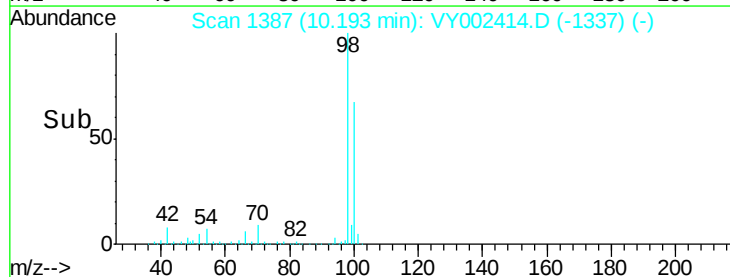
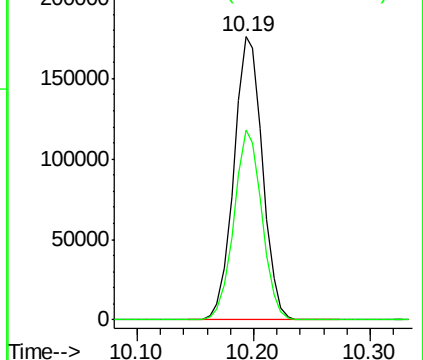
98 100

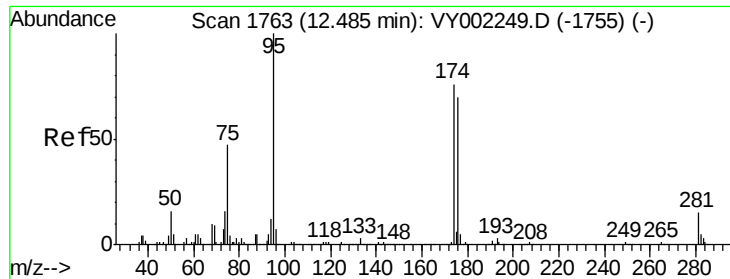
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

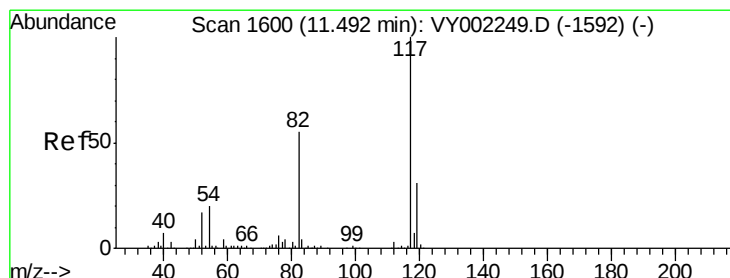
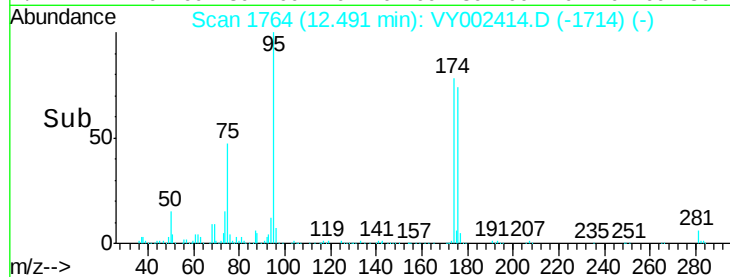
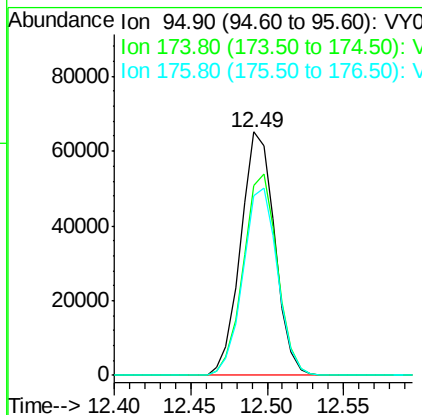
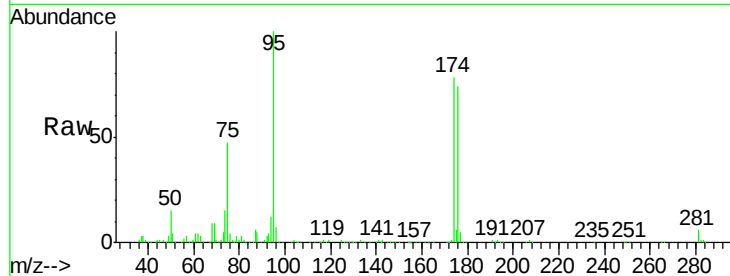




#62
4-Bromofluorobenzene
Concen: 48.401 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002414.D
Acq: 17 Apr 2020 20:47

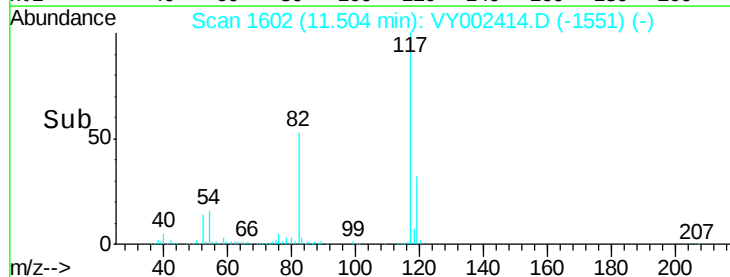
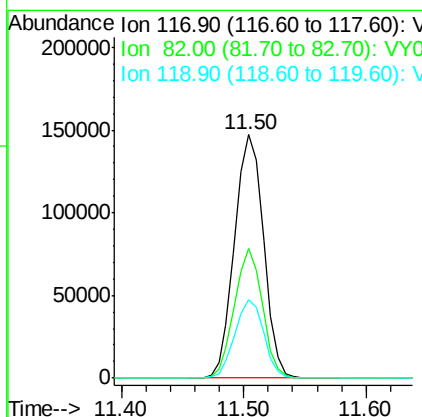
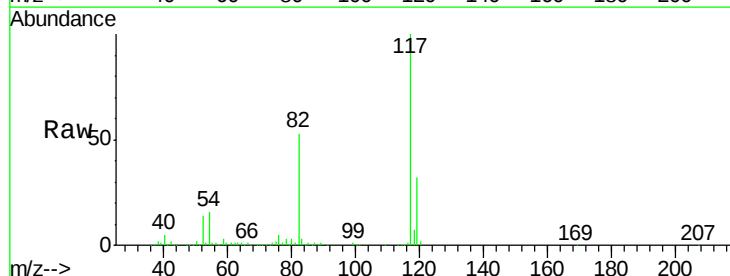
Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

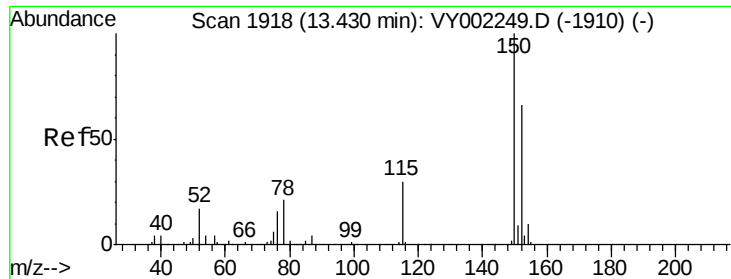
Tot Ion	95	Resp	100134
Ion Ratio	Lower	Upper	
95	100		
174	83.1	0.0	150.6
176	78.5	0.0	141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002414.D
Acq: 17 Apr 2020 20:47

Tgt Ion	117	Resp	241580
Ion Ratio	Lower	Upper	
117	100		
82	53.2	44.2	66.4
119	32.2	25.1	37.7



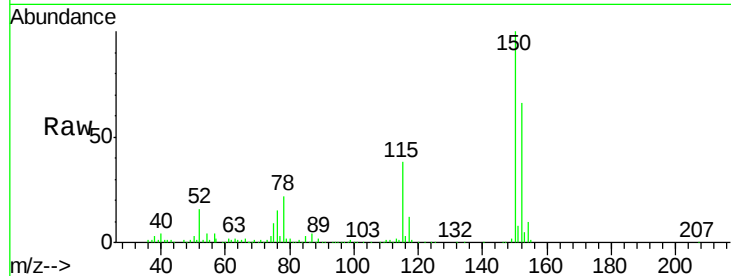


#72

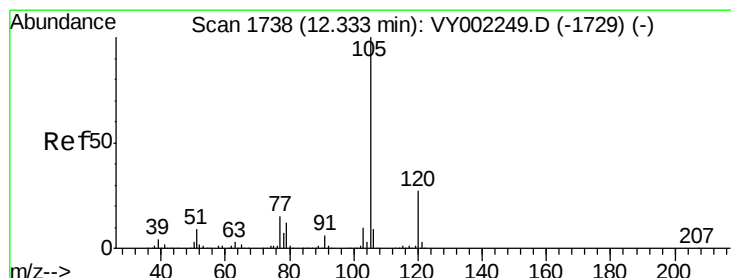
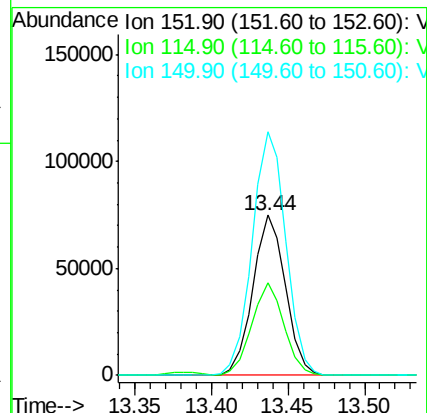
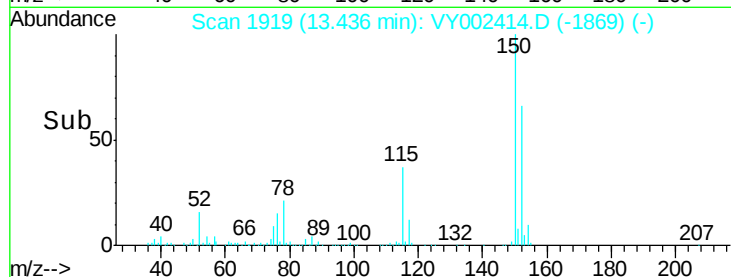
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002414.D
Acq: 17 Apr 2020 20:47

Instrument :
MSVOA_Y
ClientSampleId :
WB-1-1

Tot Ion:152 Resp: 110552
Ion Ratio Lower Upper
152 100
115 56.9 30.7 92.1
150 157.0 0.0 350.6



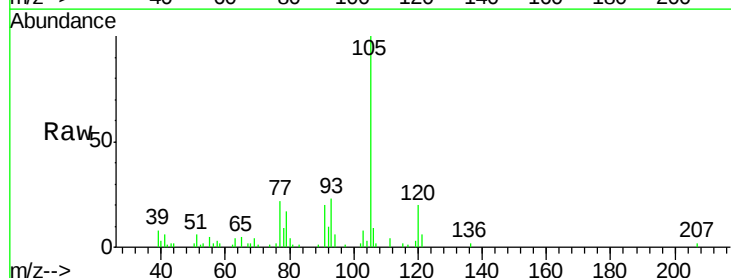
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



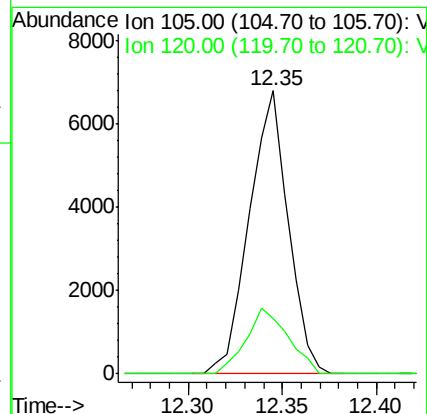
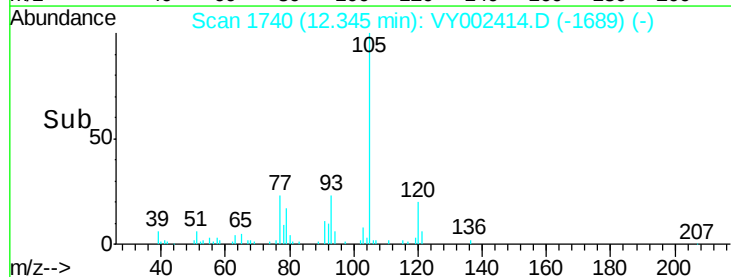
#73

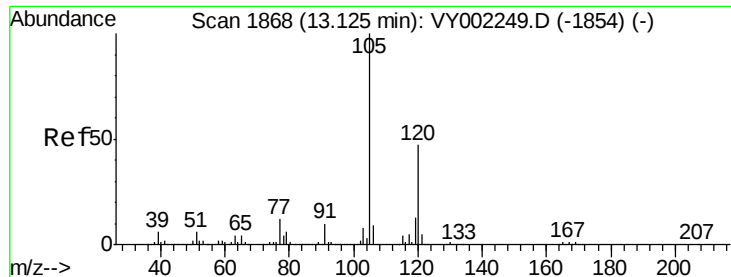
Isopropylbenzene
Concen: 1.120 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002414.D
Acq: 17 Apr 2020 20:47

Tgt Ion:105 Resp: 9723
Ion Ratio Lower Upper
105 100
120 25.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

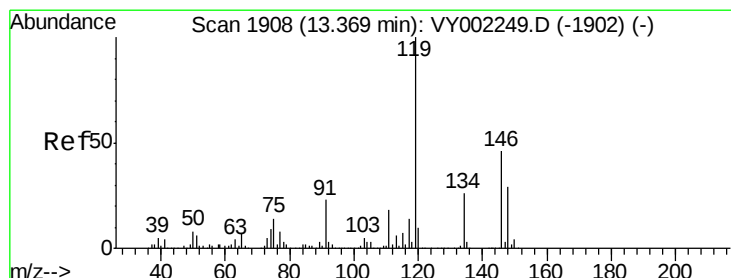
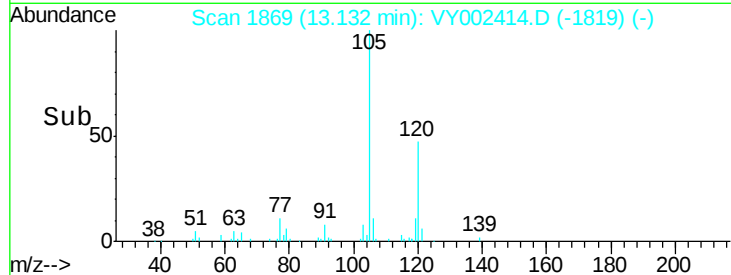
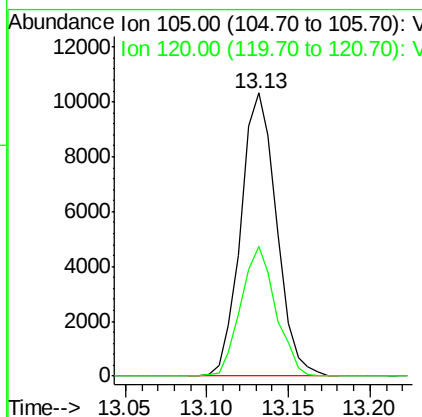
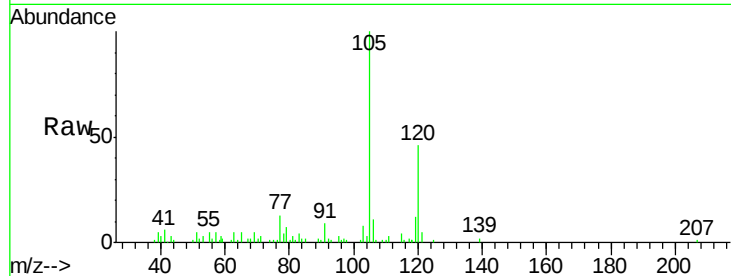




#84
 1,2,4-Trimethylbenzene
 Concen: 2.206 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002414.D
 Acq: 17 Apr 2020 20:47

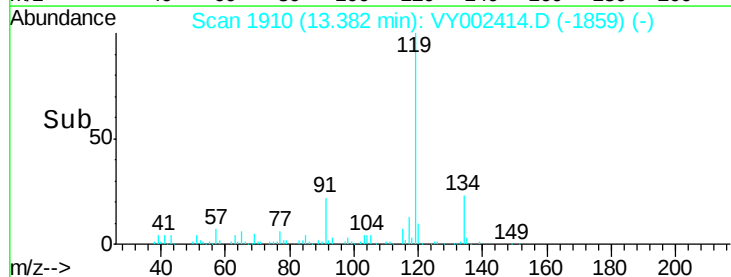
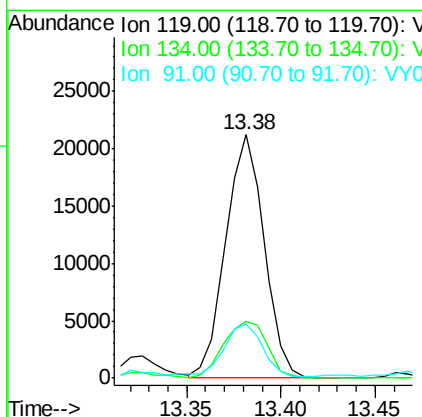
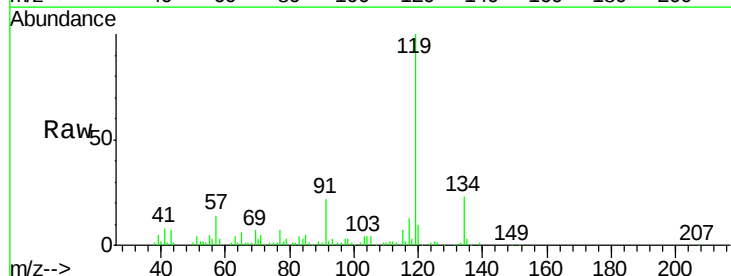
Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-1-1

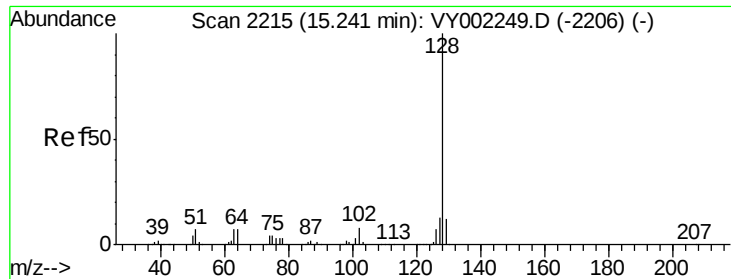
Tot Ion:105 Resp: 15824
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2



#86
 p-Isopropyltoluene
 Concen: 3.890 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002414.D
 Acq: 17 Apr 2020 20:47

Tgt Ion:119 Resp: 30007
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 22.2 11.5 34.4

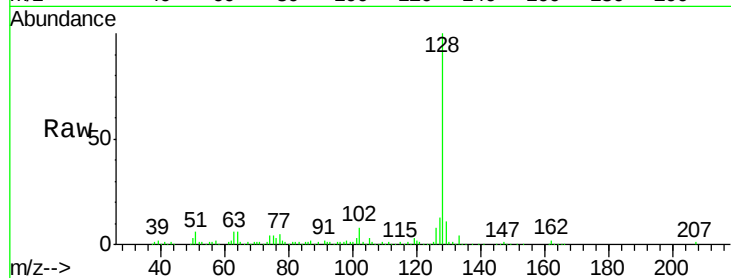




#95
 Naphthalene
 Concen: 21.541 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY002414.D
 Acq: 17 Apr 2020 20:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-1-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.3	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

