

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001231.D
 Acq On : 15 Jan 2020 20:06
 Operator : SY/MD
 Sample : L1123-05
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.5-6.0

Manual Integrations
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 1/16/2020 9:36:26 AM

Quant Time: Jan 16 06:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	166893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	296748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	96571	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	7.73	113	87808	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.18	98	365331	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.48	95	139946	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
Target Compounds						
16) Acetone	3.97	43	5428	13.259	ug/l	96
25) 2-Butanone	7.00	43	5381	8.446	ug/l #	75
31) Cyclohexane	7.79	56	12903m	3.785	ug/l	
73) Isopropylbenzene	12.33	105	83675	8.327	ug/l	100
78) n-propylbenzene	12.67	91	372187	30.791	ug/l	99
85) sec-Butylbenzene	13.25	105	124573	12.291	ug/l #	52
89) n-Butylbenzene	13.69	91	150811	17.015	ug/l #	84

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

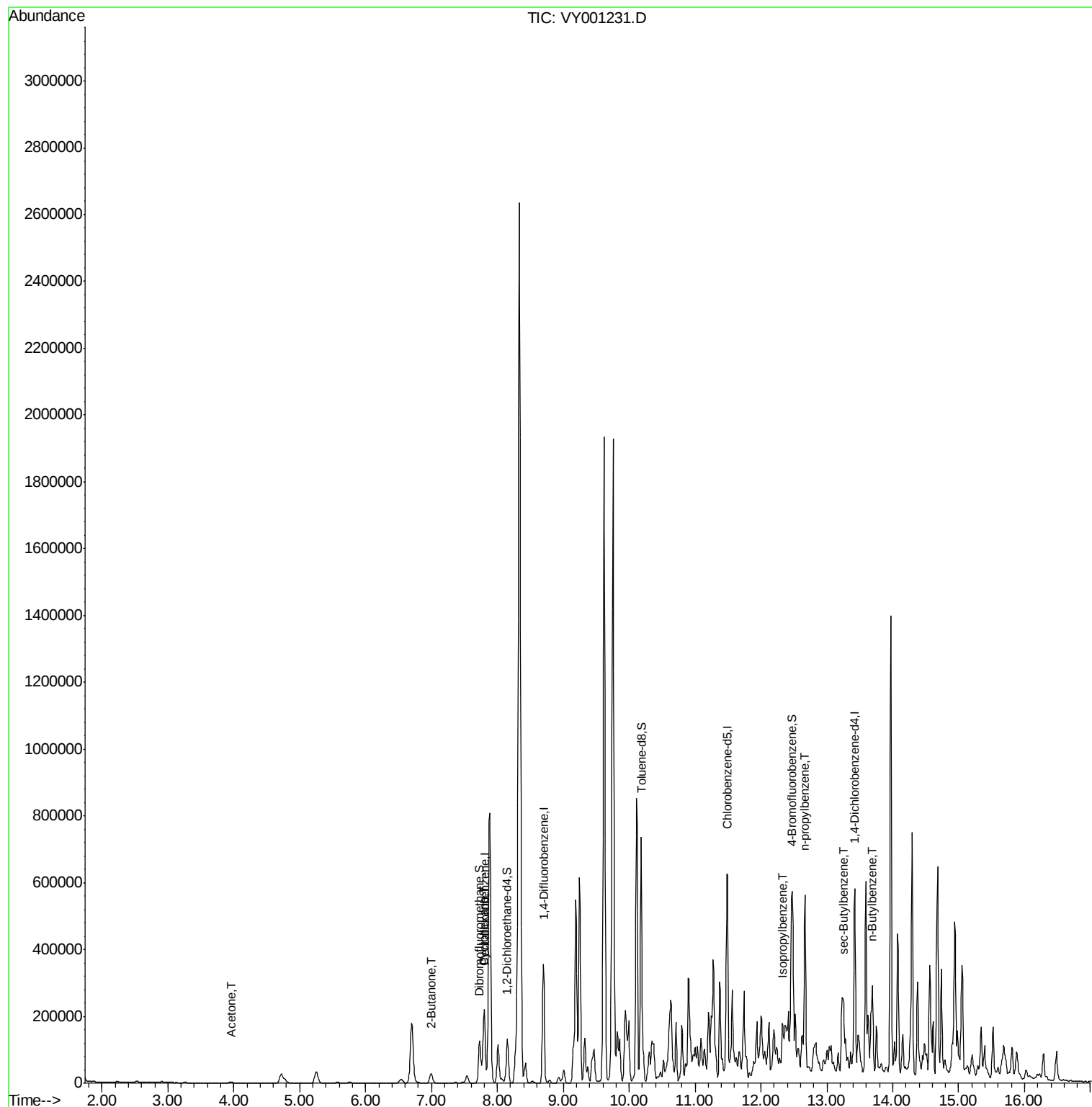
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001231.D
Acq On : 15 Jan 2020 20:06
Operator : SY/MD
Sample : L1123-05
Misc : 5.09G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

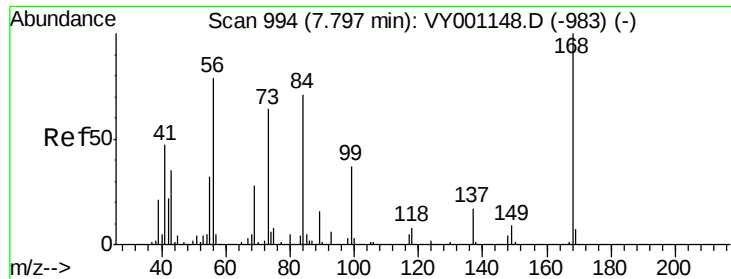
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

Manual Integrations
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Quant Time: Jan 16 06:27:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

Tot Ion:168 Resp: 166893

Ion Ratio Lower Upper

168 100

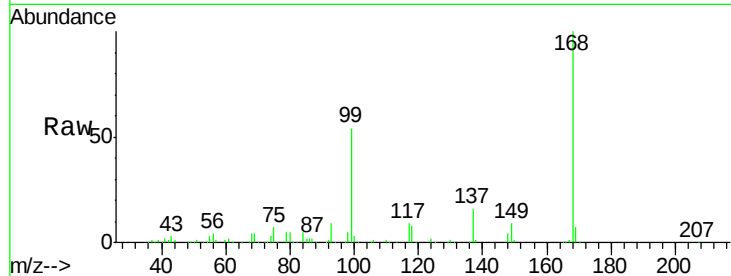
99 53.7 47.9 71.9

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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

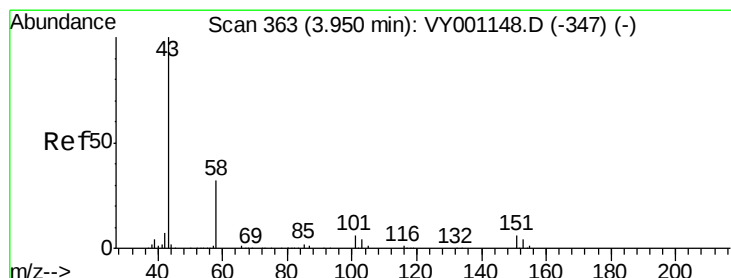
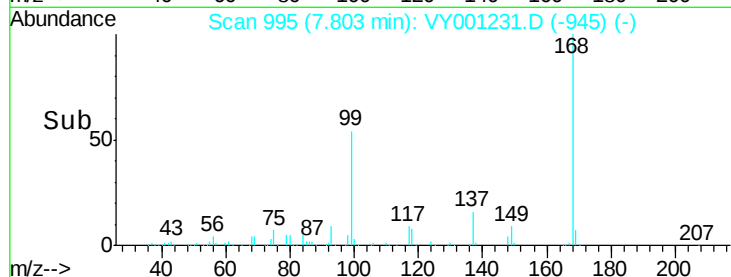
20000

0

7.70

7.80

7.90



#16

Acetone

Concen: 13.259 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001231.D

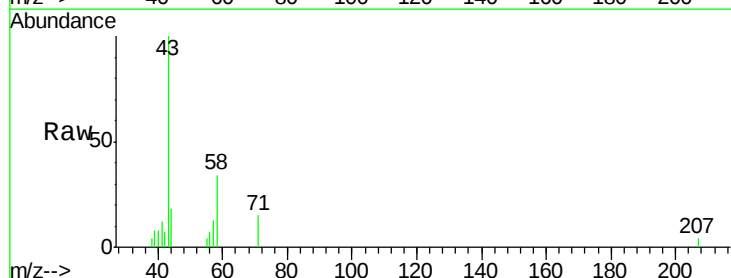
Acq: 15 Jan 2020 20:06

Tgt Ion: 43 Resp: 5428

Ion Ratio Lower Upper

43 100

58 34.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.97

1500

1000

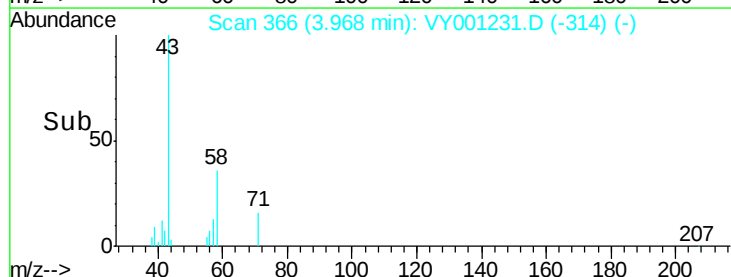
500

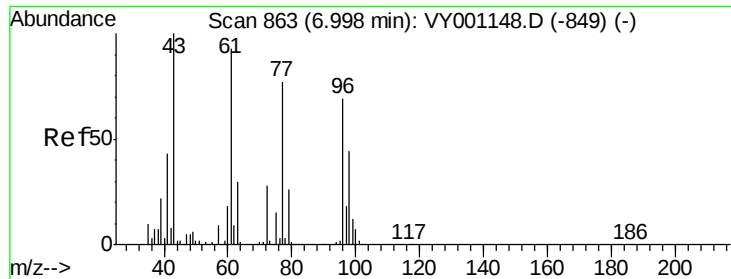
0

3.90

4.00

4.10





#25

2-Butanone

Concen: 8.446 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

Tot Ion: 43 Resp: 5381

Ion Ratio Lower Upper

43 100

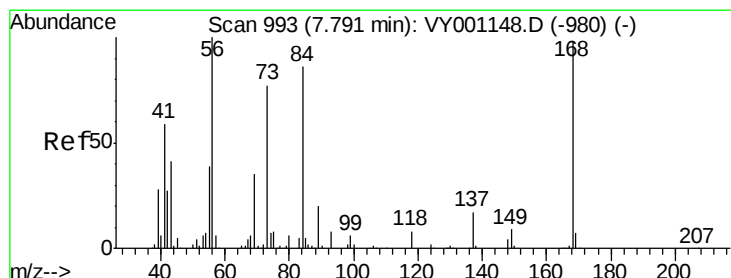
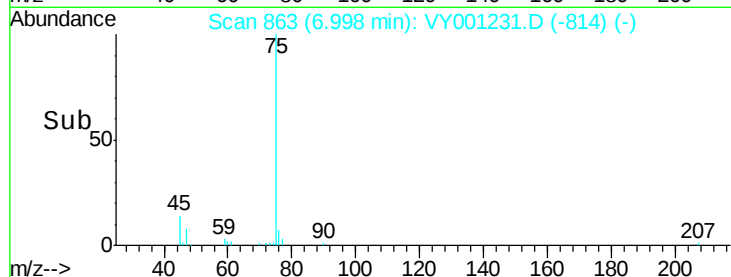
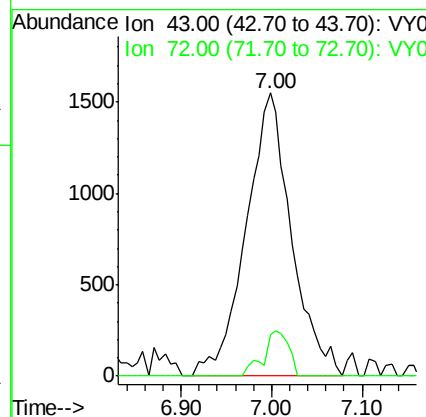
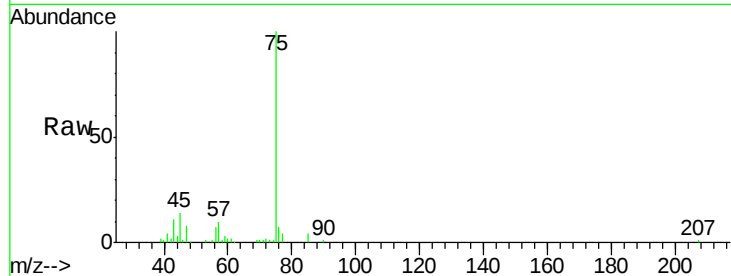
72 14.7 22.2 33.2#

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#31

Cyclohexane

Concen: 3.785 ug/l m

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

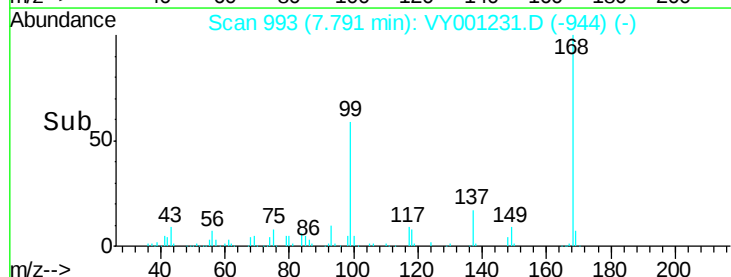
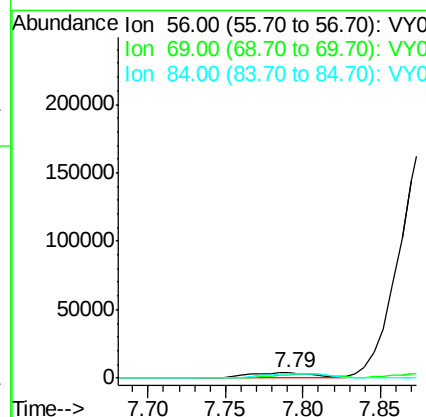
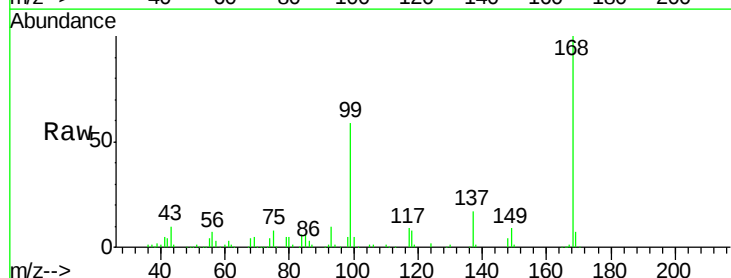
Tgt Ion: 56 Resp: 12903

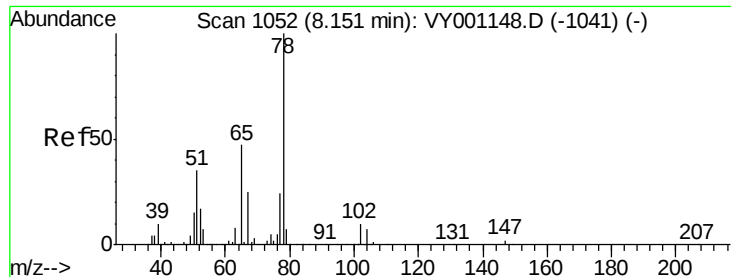
Ion Ratio Lower Upper

56 100

69 66.3 27.8 41.8#

84 89.2 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 54.786 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

Tot Ion: 65 Resp: 96571

Ion Ratio Lower Upper

65 100

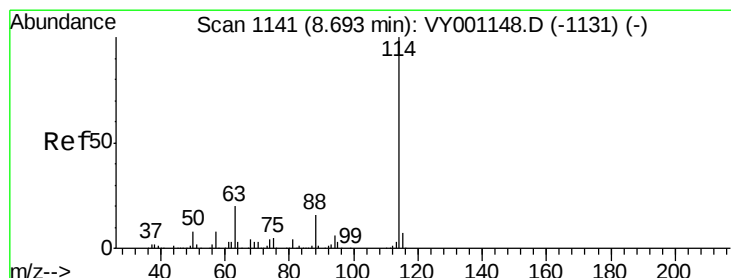
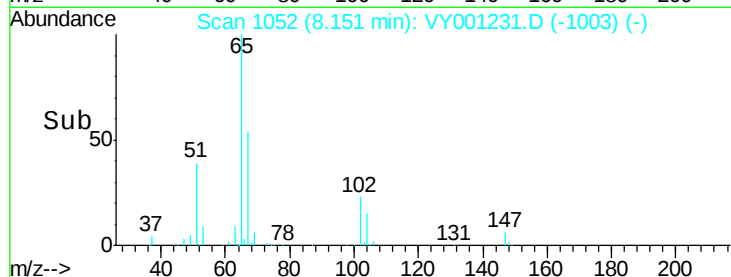
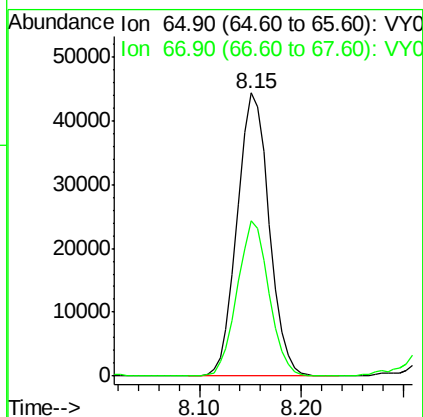
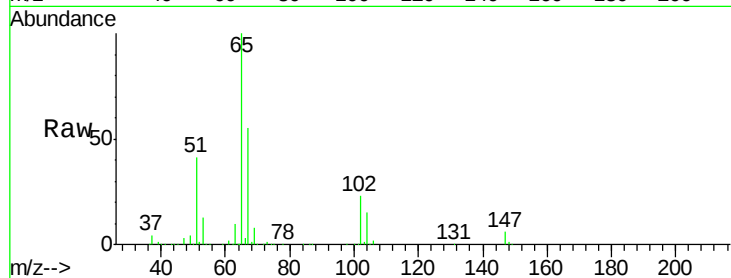
67 54.4 0.0 105.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

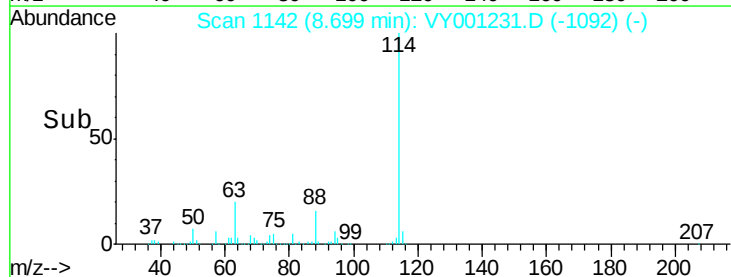
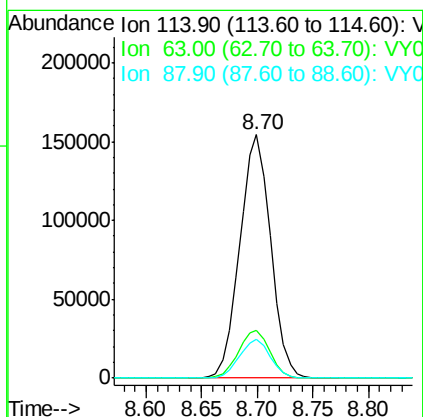
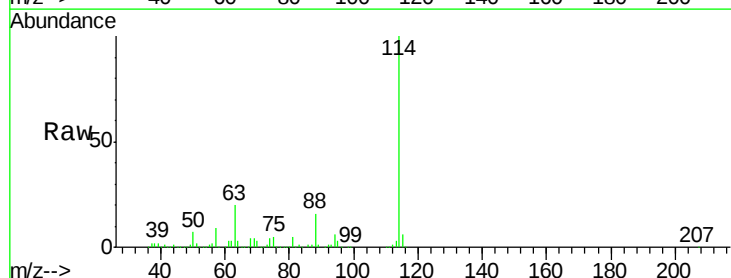
Tgt Ion: 114 Resp: 296748

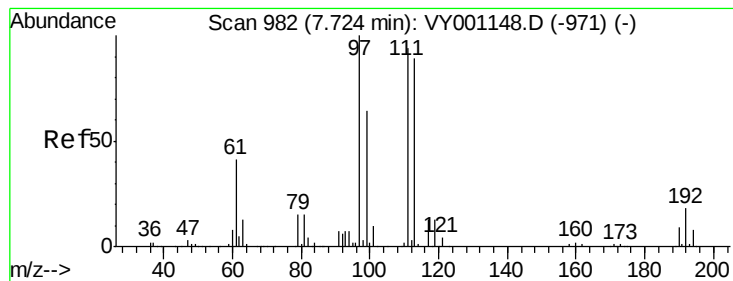
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.538 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

Tot Ion:113 Resp: 87808

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

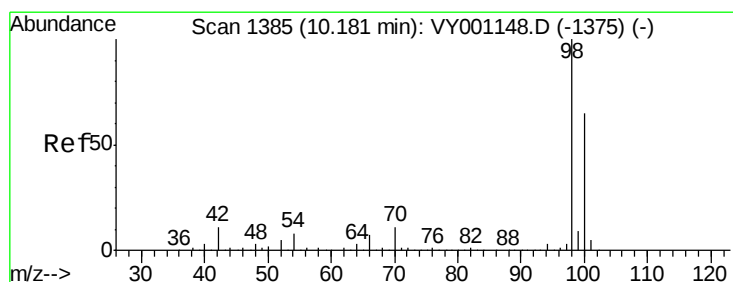
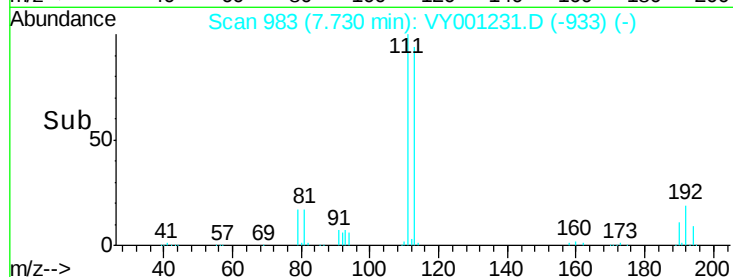
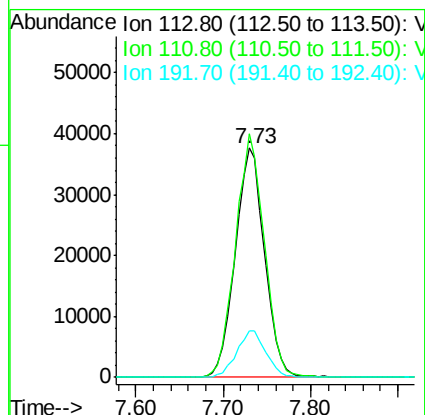
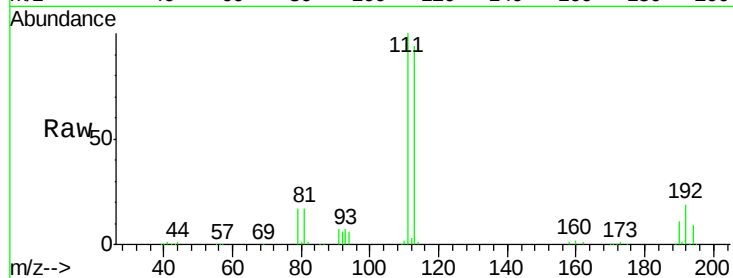
192 20.1 15.4 23.2

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#50

Toluene-d8

Concen: 54.570 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001231.D

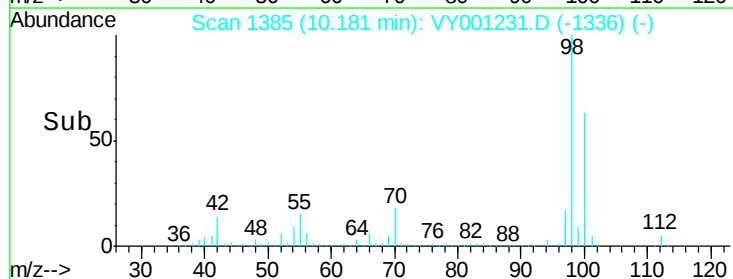
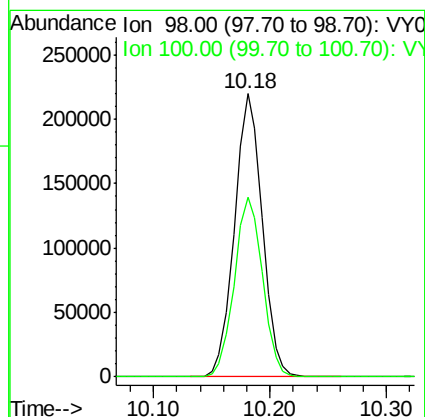
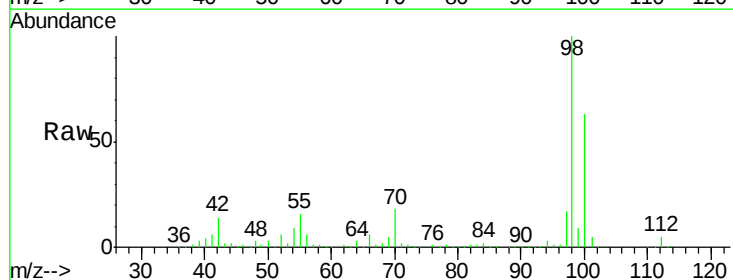
Acq: 15 Jan 2020 20:06

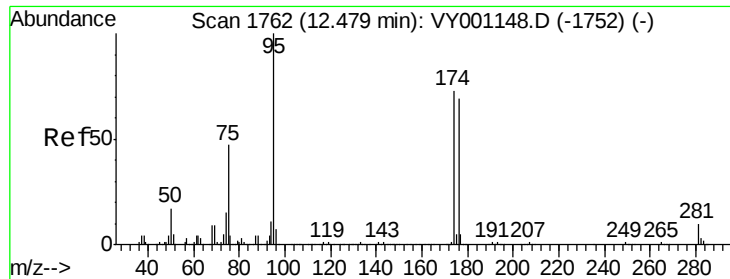
Tgt Ion: 98 Resp: 365331

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7





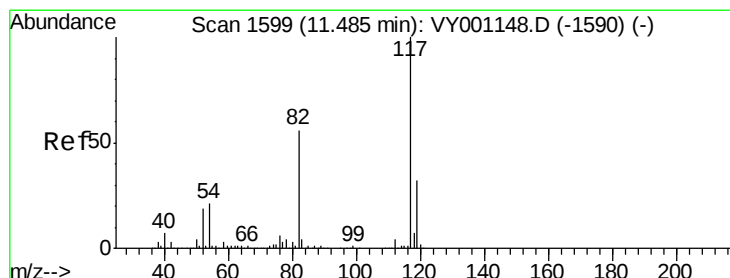
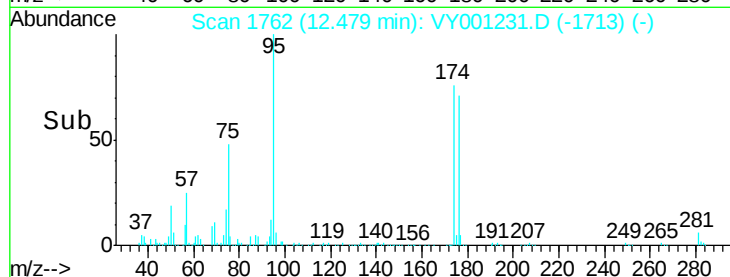
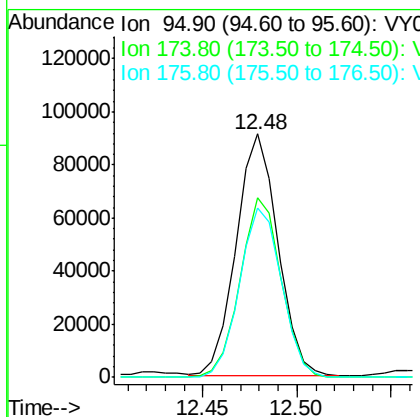
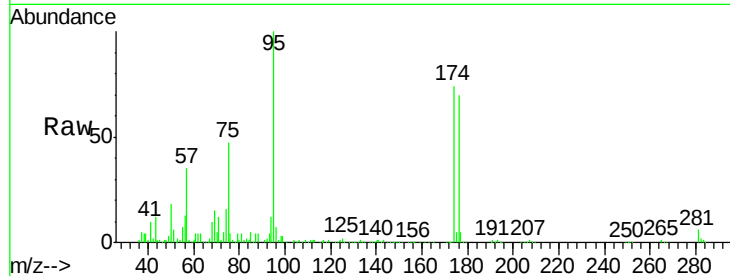
#62
4-Bromofluorobenzene
Concen: 51.131 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001231.D
Acq: 15 Jan 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

Tot Ion	Ratio	Resp	Lower	Upper
95	100	139946		
174	72.8	0.0	143.2	
176	70.4	0.0	136.0	

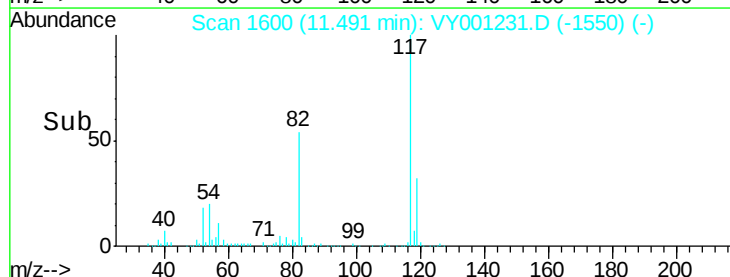
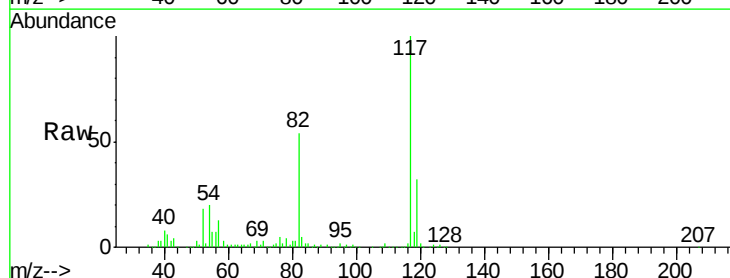
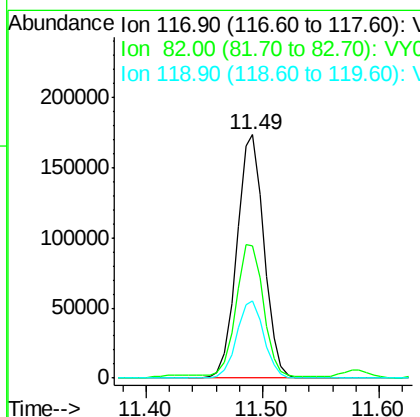
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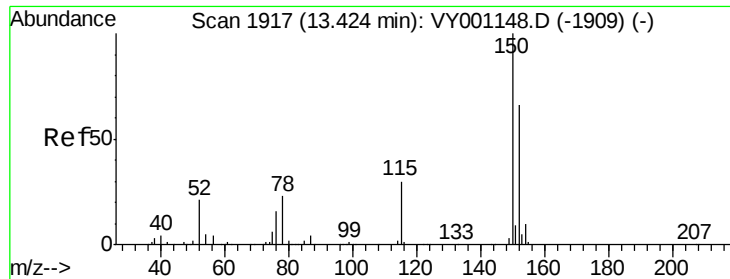
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001231.D
Acq: 15 Jan 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	279793		
82	52.9	44.9	67.3	
119	31.9	25.7	38.5	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001231.D

Acq: 15 Jan 2020 20:06

Instrument :

MSVOA_Y

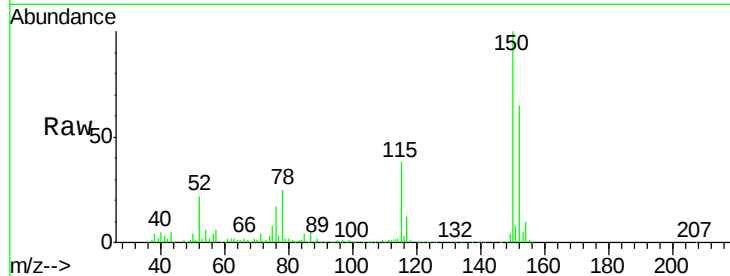
ClientSampleId :

SB-03-5.5-6.0

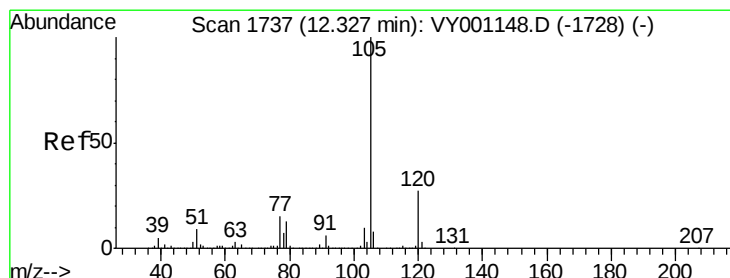
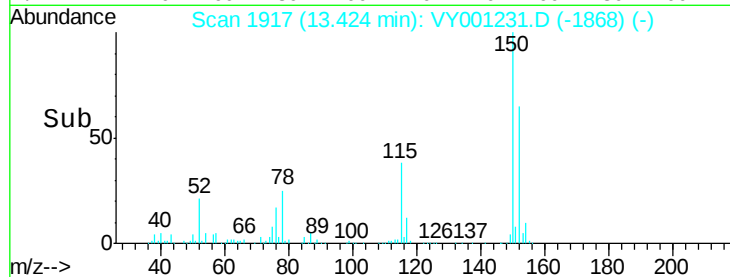
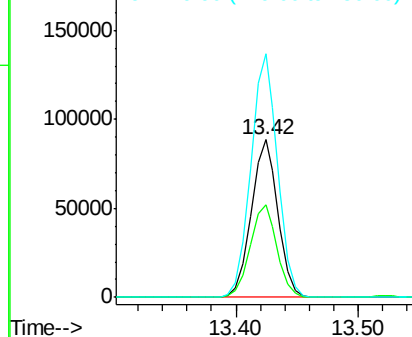
Tot Ion:	152	Resp:	133673
Ion Ratio	Lower	Upper	
152	100		
115	59.2	30.9	92.5
150	154.7	0.0	346.8

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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: 8.327 ug/l

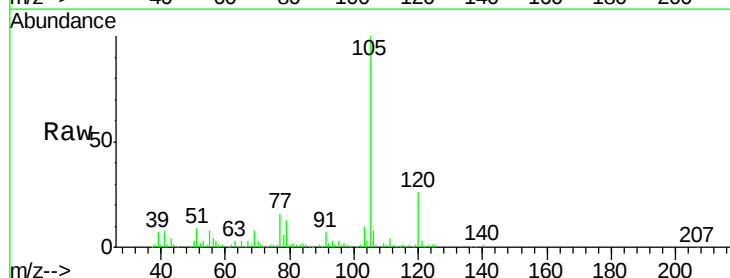
RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

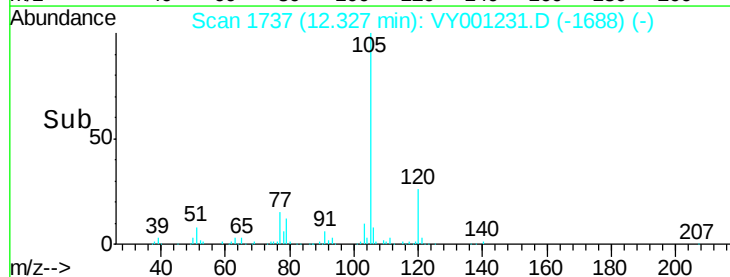
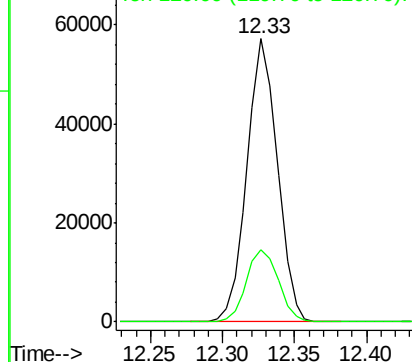
Lab File: VY001231.D

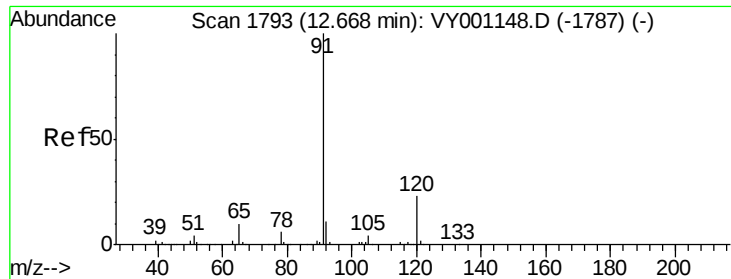
Acq: 15 Jan 2020 20:06

Tgt Ion:	105	Resp:	83675
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.4	40.2



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





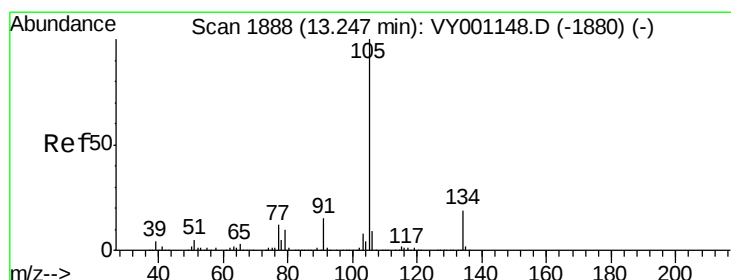
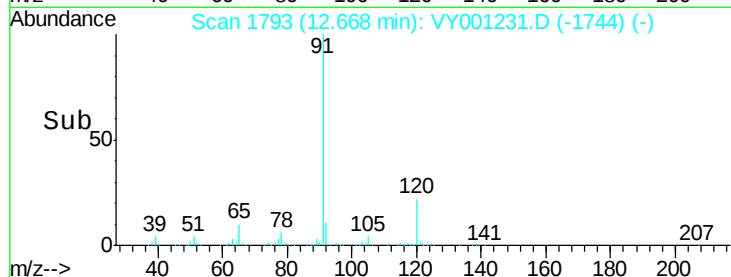
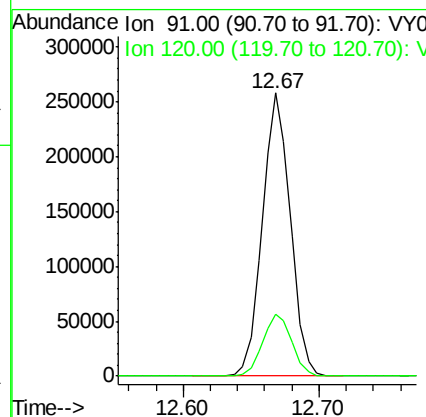
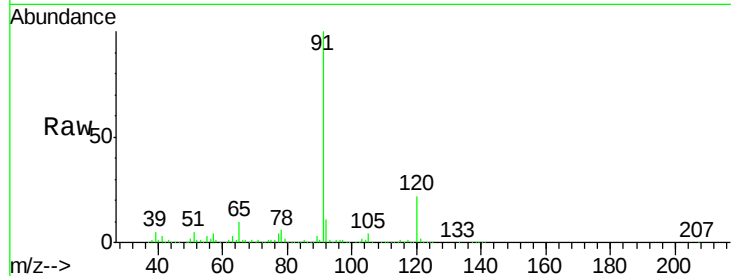
#78
n-propylbenzene
Concen: 30.791 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY001231.D
Acq: 15 Jan 2020 20:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

Tot Ion: 91 Resp: 372187
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

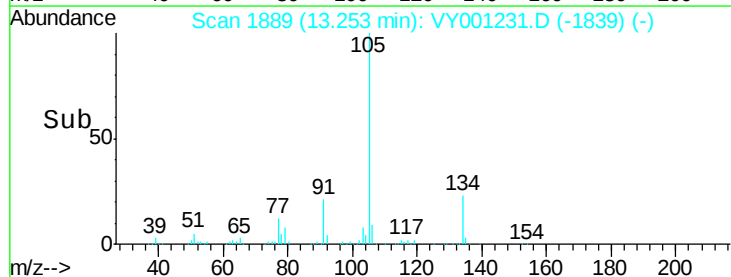
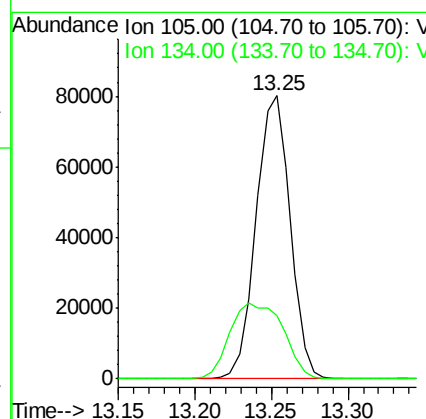
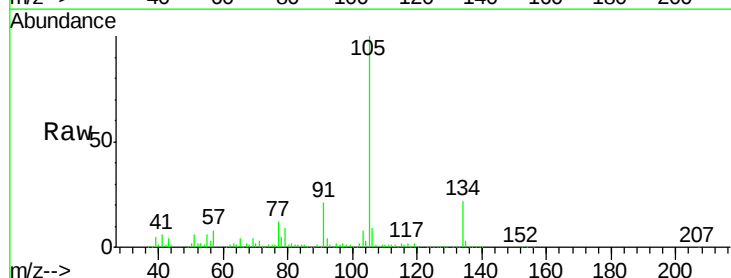
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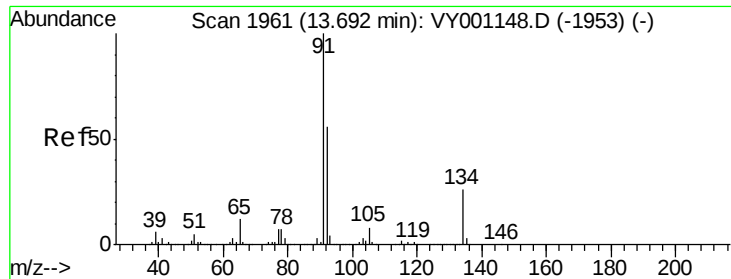
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#85
sec-Butylbenzene
Concen: 12.291 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VY001231.D
Acq: 15 Jan 2020 20:06

Tgt Ion: 105 Resp: 124573
Ion Ratio Lower Upper
105 100
134 41.8 9.8 29.5#





#89
 n-Butylbenzene
 Concen: 17.015 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VY001231.D
 Acq: 15 Jan 2020 20:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.5-6.0

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.1	27.7	83.1
134	41.3	12.9	38.6

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:26 AM

