

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002267.D
 Acq On : 09 Apr 2020 11:59
 Operator : SY/MD
 Sample : L2205-01
 Misc : 8.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-04082020-A

Quant Time: Apr 10 09:00:45 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

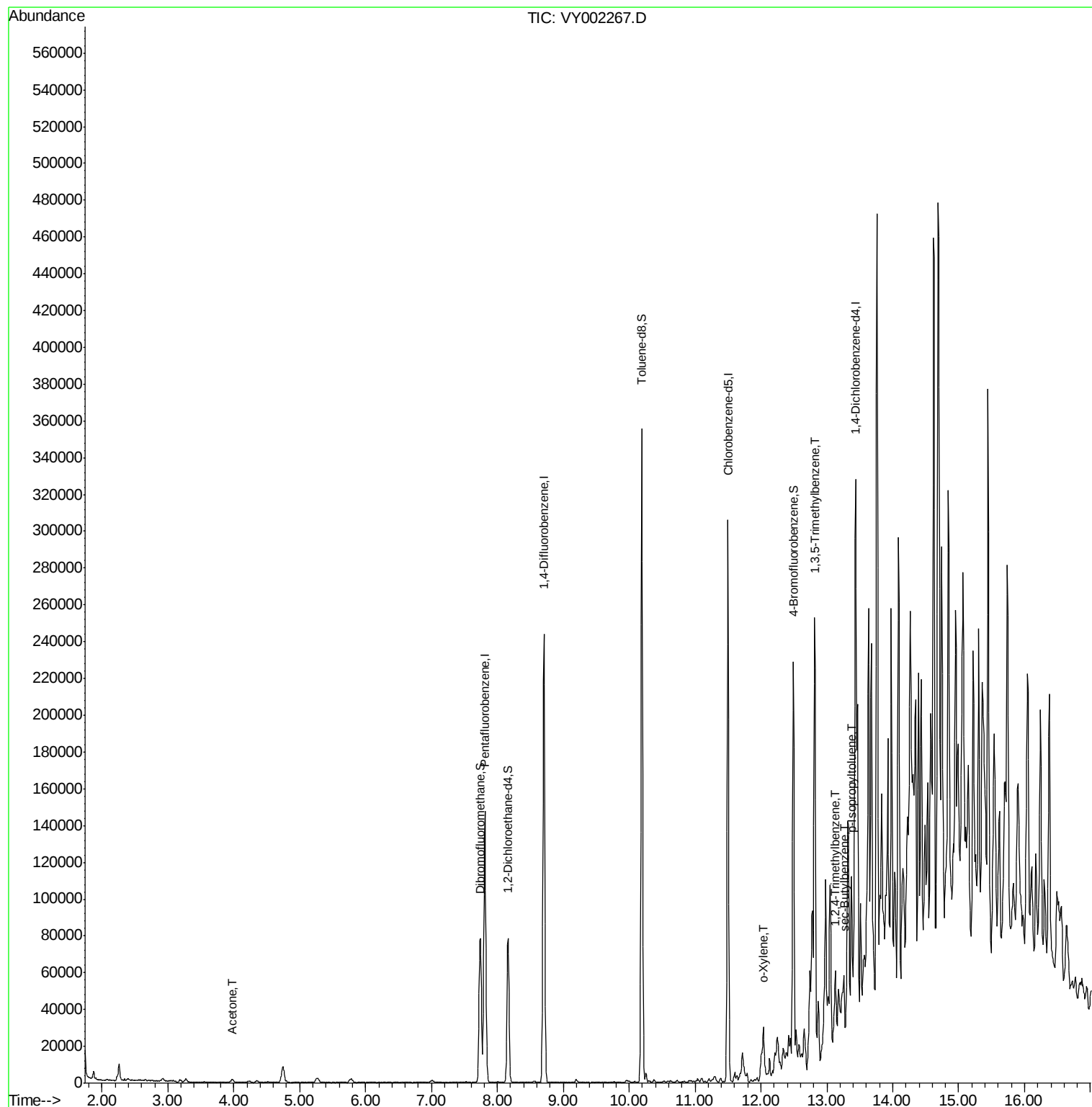
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	108493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	205064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	169283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	62158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	57490	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	7.74	113	58489	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.19	98	239714	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	12.49	95	72639	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
Target Compounds						
16) Acetone	3.96	43	3140	9.881	ug/l	90
69) o-Xylene	12.04	106	6295	2.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	43689	10.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	16823	4.172	ug/l	97
85) sec-Butylbenzene	13.26	105	8191	1.625	ug/l	90
86) p-Isopropyltoluene	13.38	119	17759	4.095	ug/l	98

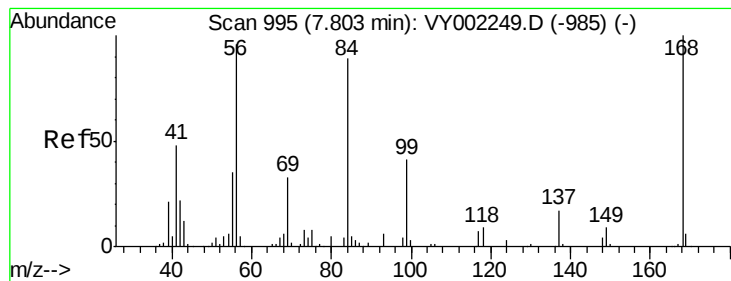
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
Data File : VY002267.D
Acq On : 09 Apr 2020 11:59
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Sample : L2205-01
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JC-02-04082020-A

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002267.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

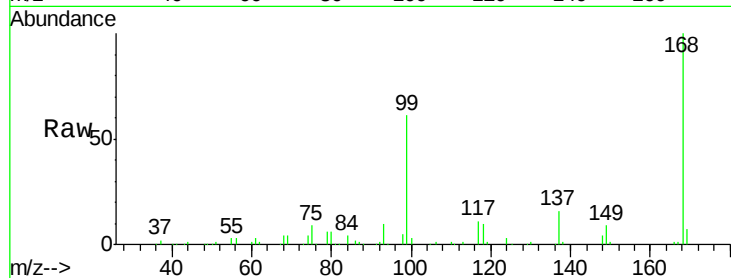
JC-02-04082020-A

Tot Ion:168 Resp: 108493

Ion Ratio Lower Upper

168 100

99 61.3 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) (-)

7.81

50000

40000

30000

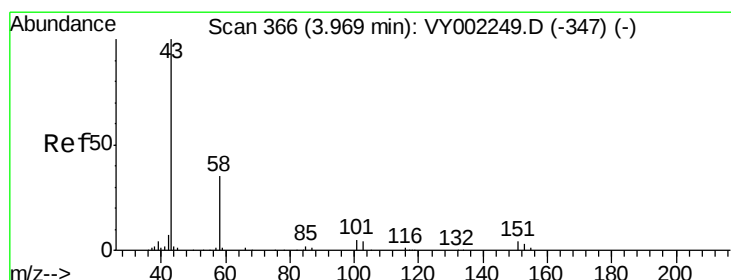
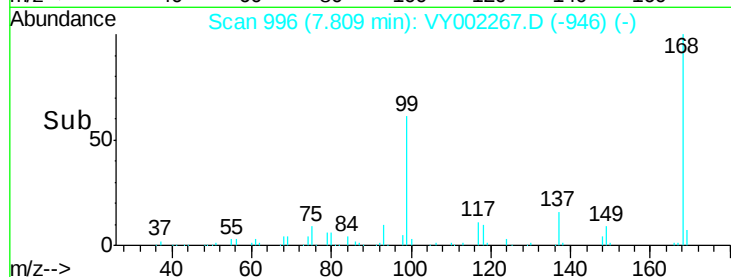
20000

10000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 9.881 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002267.D

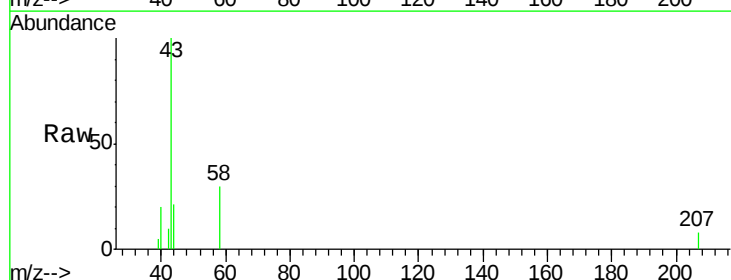
Acq: 09 Apr 2020 11:59

Tgt Ion: 43 Resp: 3140

Ion Ratio Lower Upper

43 100

58 30.0 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) (-)

3.96

1200

1000

800

600

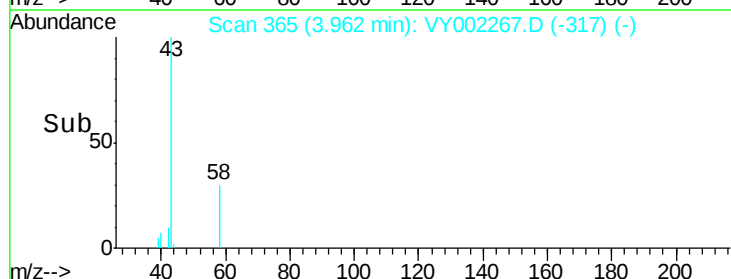
400

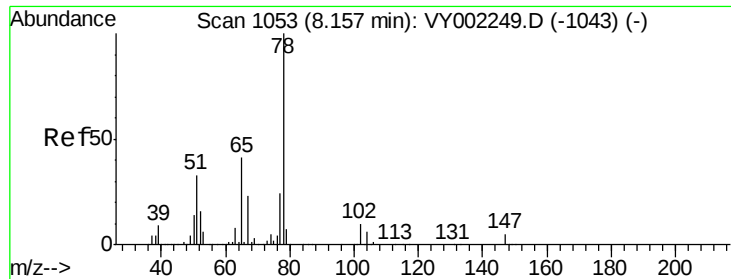
200

0

3.90 3.95 4.00 4.05 4.10

Time-->

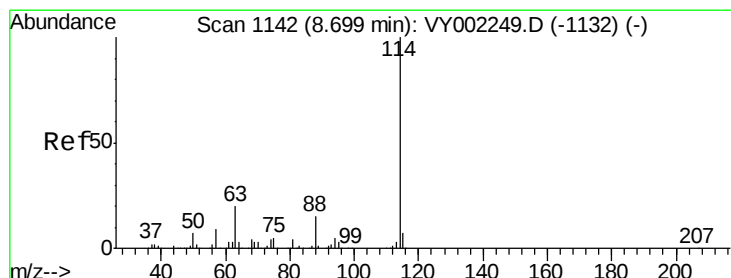
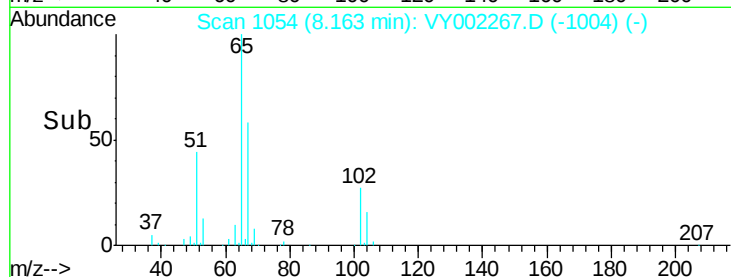
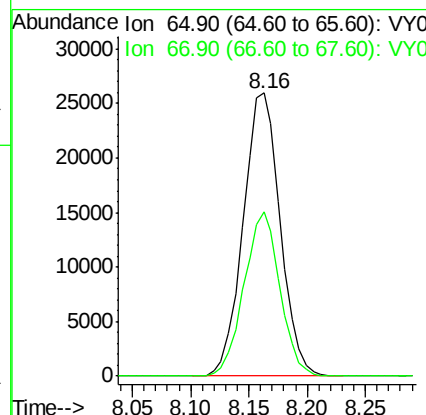
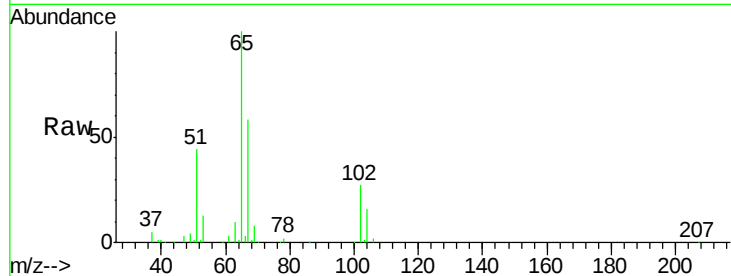




#33
 1,2-Dichloroethane-d4
 Concen: 47.649 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002267.D
 Acq: 09 Apr 2020 11:59

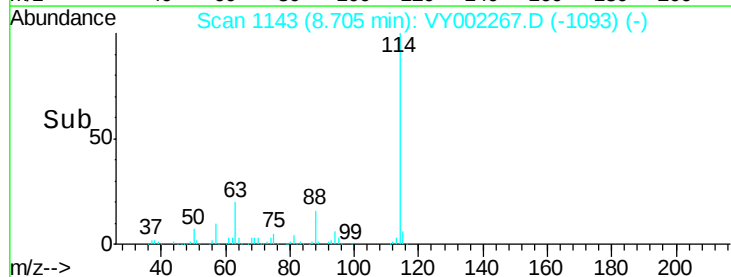
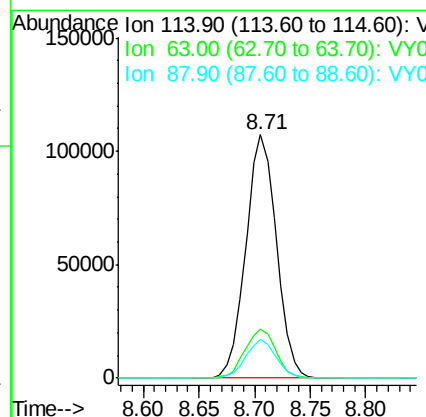
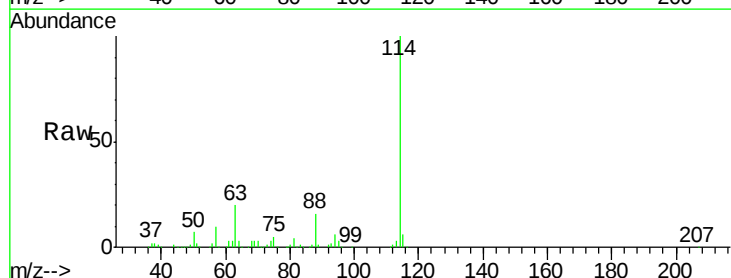
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-04082020-A

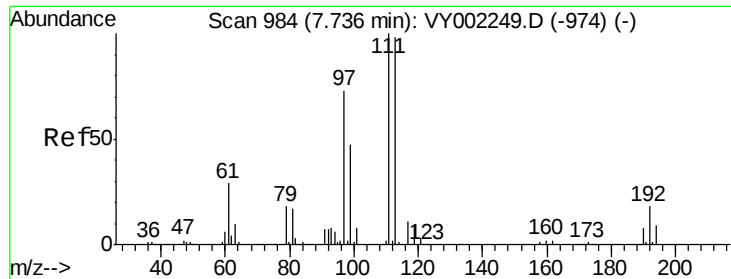
Tot Ion: 65 Resp: 57490
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002267.D
 Acq: 09 Apr 2020 11:59

Tgt Ion: 114 Resp: 205064
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.934 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002267.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

JC-02-04082020-A

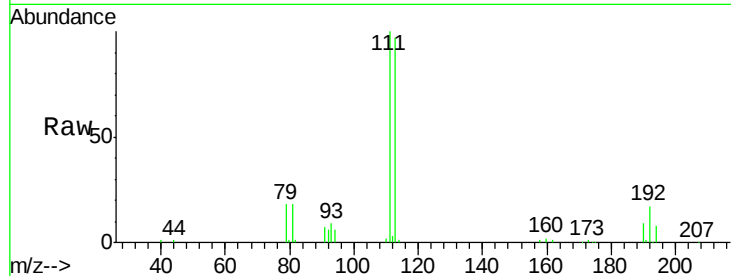
Tot Ion:113 Resp: 58489

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

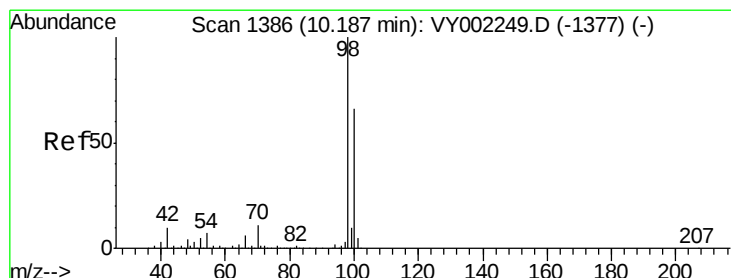
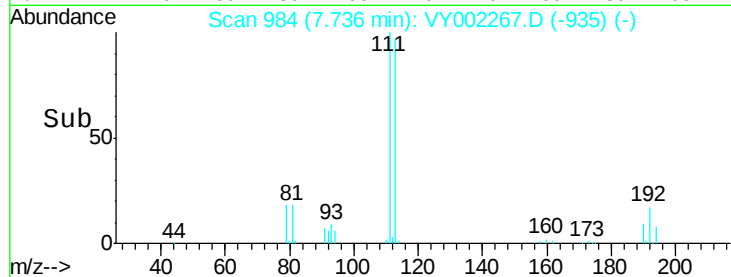
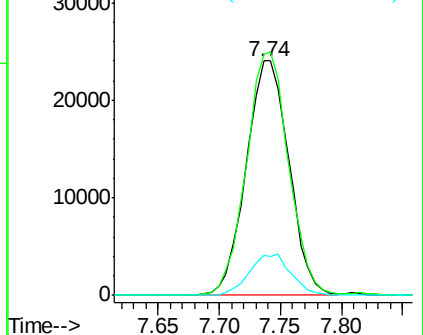
192 17.1 14.7 22.1



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



#50

Toluene-d8

Concen: 46.936 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002267.D

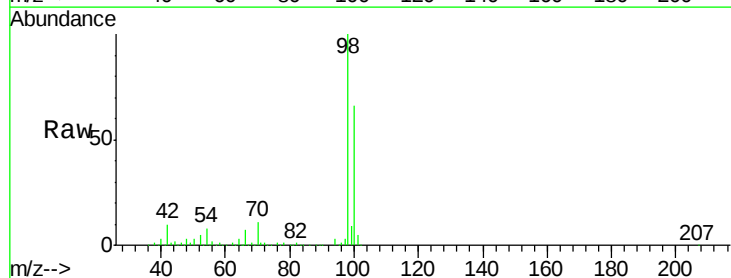
Acq: 09 Apr 2020 11:59

Tgt Ion: 98 Resp: 239714

Ion Ratio Lower Upper

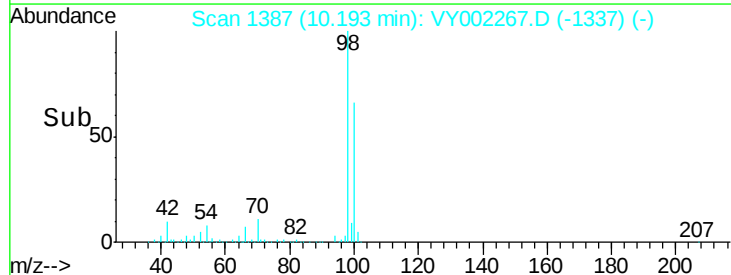
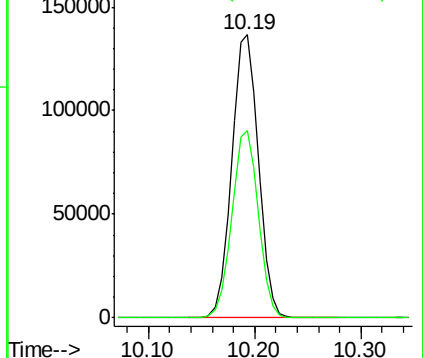
98 100

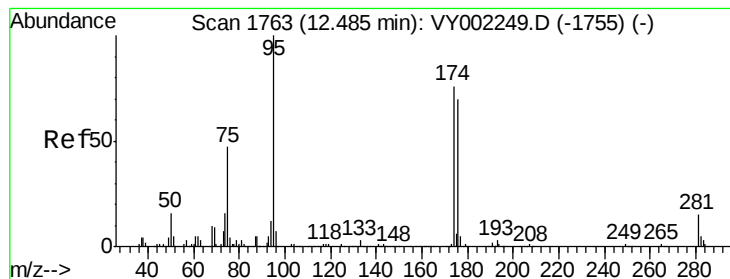
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 43.110 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002267.D

Acq: 09 Apr 2020 11:59

Instrument :

MSVOA_Y

ClientSampleId :

JC-02-04082020-A

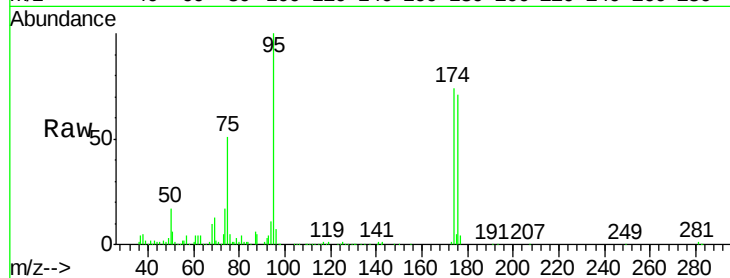
Tot Ion: 95 Resp: 72639

Ion Ratio Lower Upper

95 100

174 70.9 0.0 150.6

176 68.7 0.0 141.4



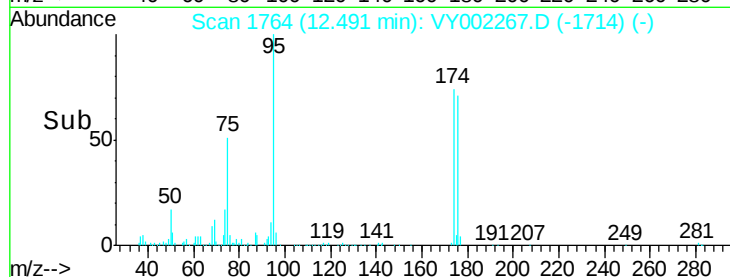
Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

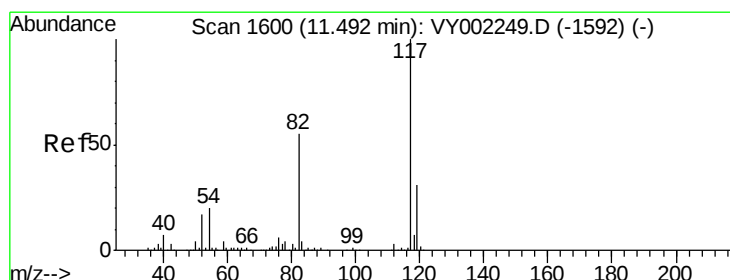
Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.49

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002267.D

Acq: 09 Apr 2020 11:59

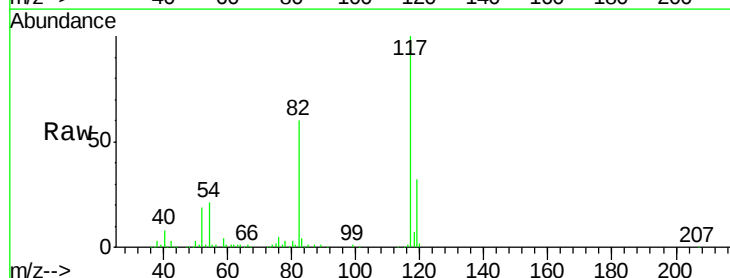
Tgt Ion: 117 Resp: 169283

Ion Ratio Lower Upper

117 100

82 60.1 44.2 66.4

119 32.0 25.1 37.7



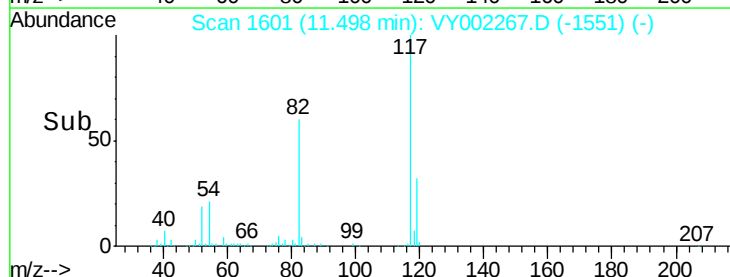
Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

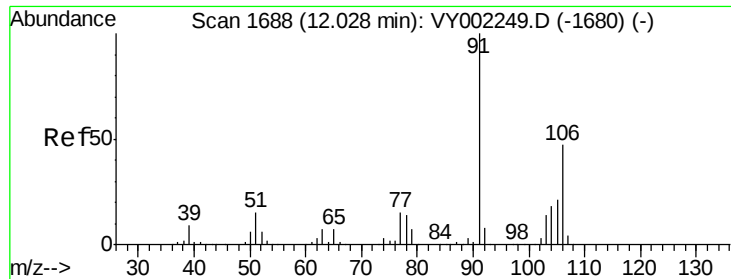
Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

11.50

Time-->



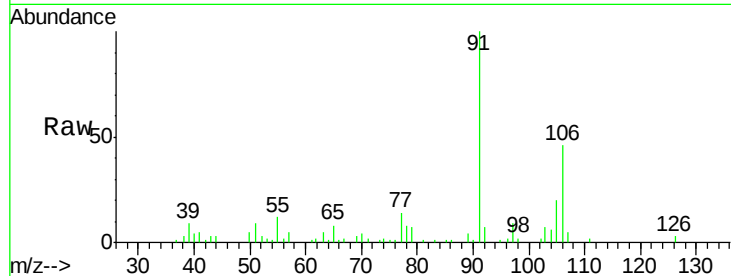
Time-->



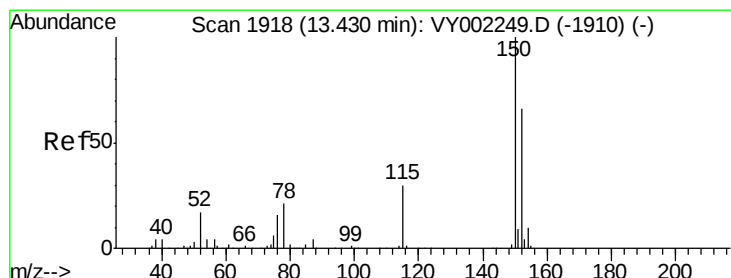
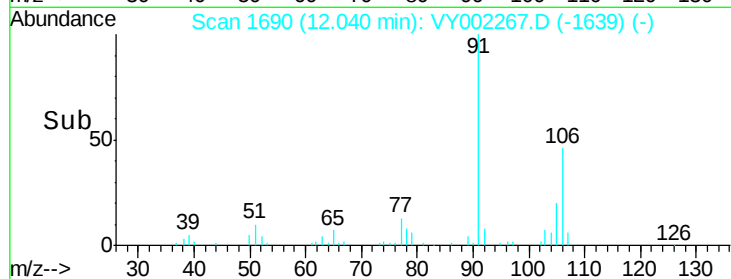
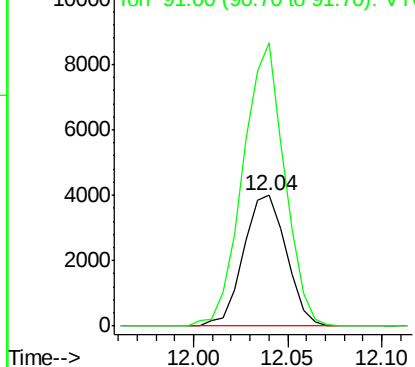
#69
o-Xylene
Concen: 2.779 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tot Ion:106 Resp: 6295
Ion Ratio Lower Upper
106 100
91 210.3 105.8 317.3

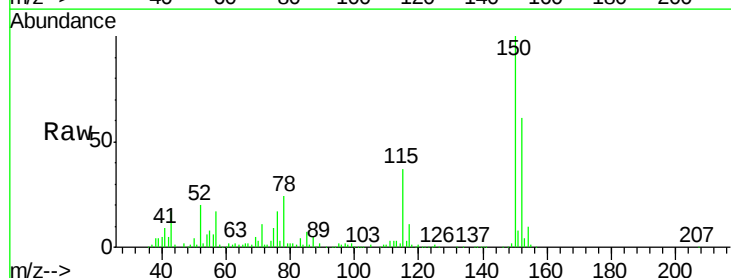


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

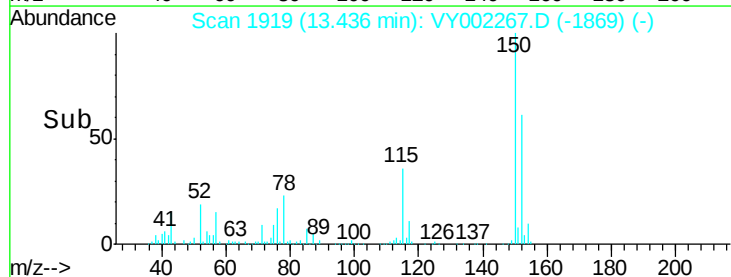
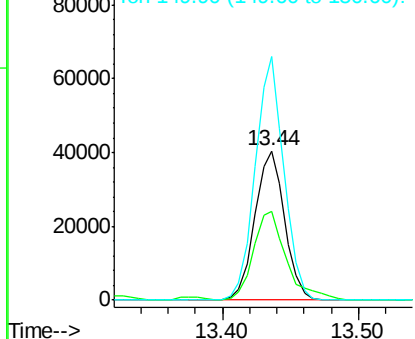


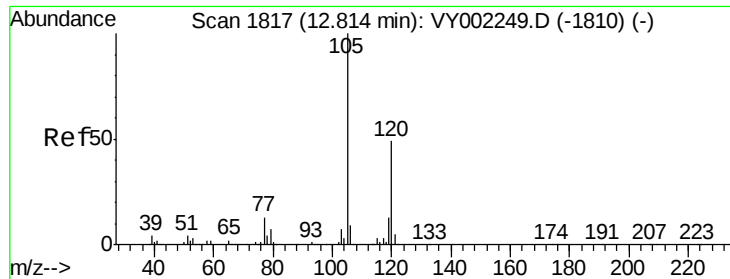
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion:152 Resp: 62158
Ion Ratio Lower Upper
152 100
115 65.7 30.7 92.1
150 156.5 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

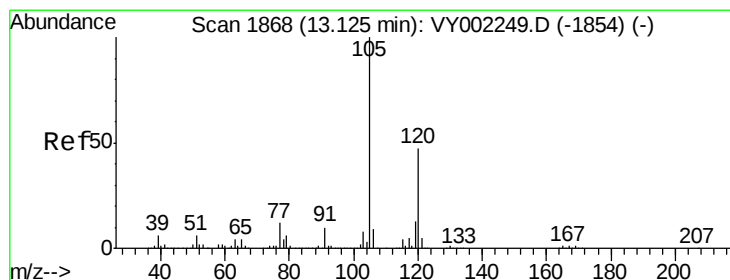
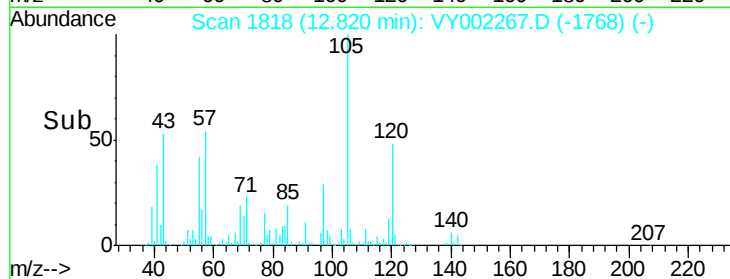
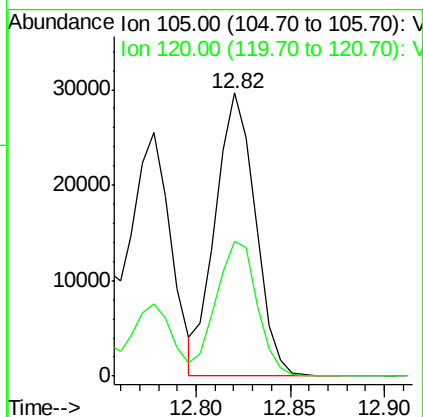
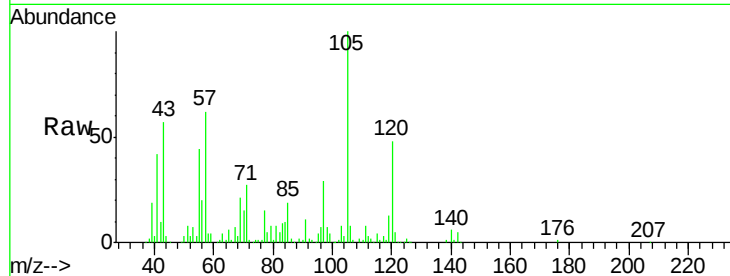




#80
 1,3,5-Trimethylbenzene
 Concen: 10.818 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY002267.D
 Acq: 09 Apr 2020 11:59

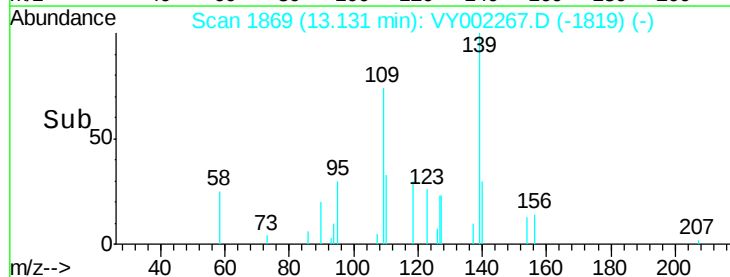
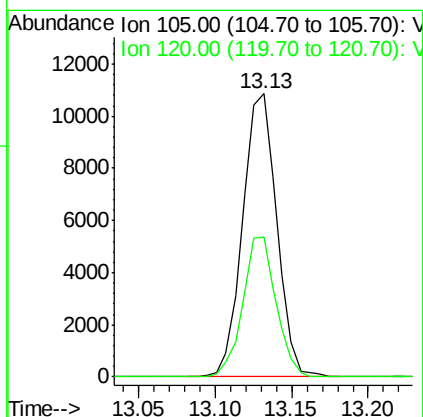
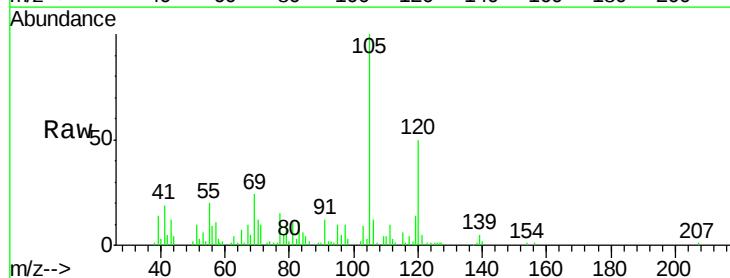
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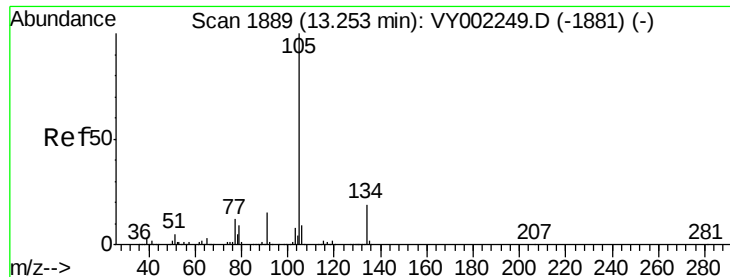
Tot Ion:105 Resp: 43689
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.172 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002267.D
 Acq: 09 Apr 2020 11:59

Tgt Ion:105 Resp: 16823
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.1 69.2

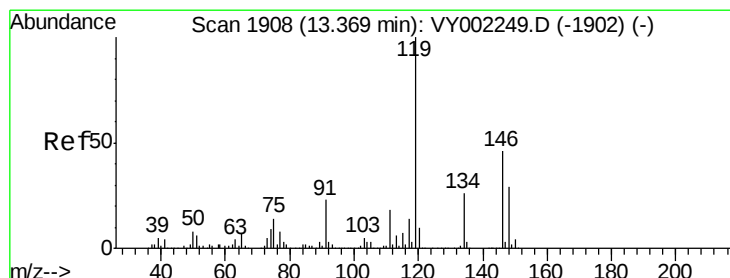
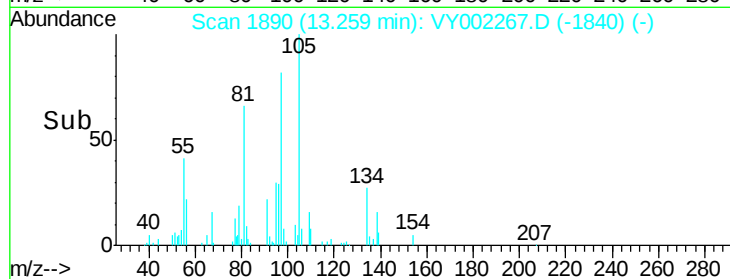
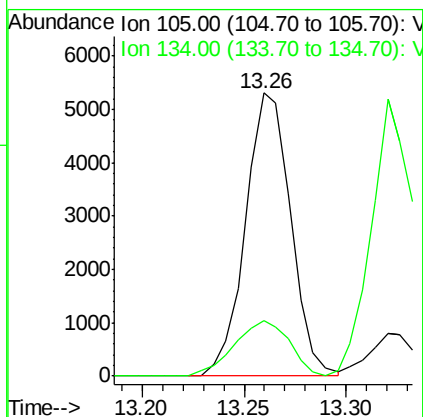
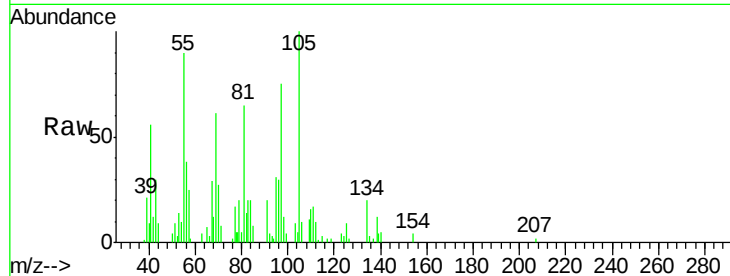




#85
 sec-Butylbenzene
 Concen: 1.625 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002267.D
 Acq: 09 Apr 2020 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-04082020-A

Tot Ion:105 Resp: 8191
 Ion Ratio Lower Upper
 105 100
 134 23.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 4.095 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002267.D
 Acq: 09 Apr 2020 11:59

Tgt Ion:119 Resp: 17759
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 21.5 11.5 34.4

