

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003416.D
 Acq On : 03 Aug 2020 14:51
 Operator : SY/MD
 Sample : L3521-03
 Misc : 8.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-AB

Quant Time: Aug 04 02:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

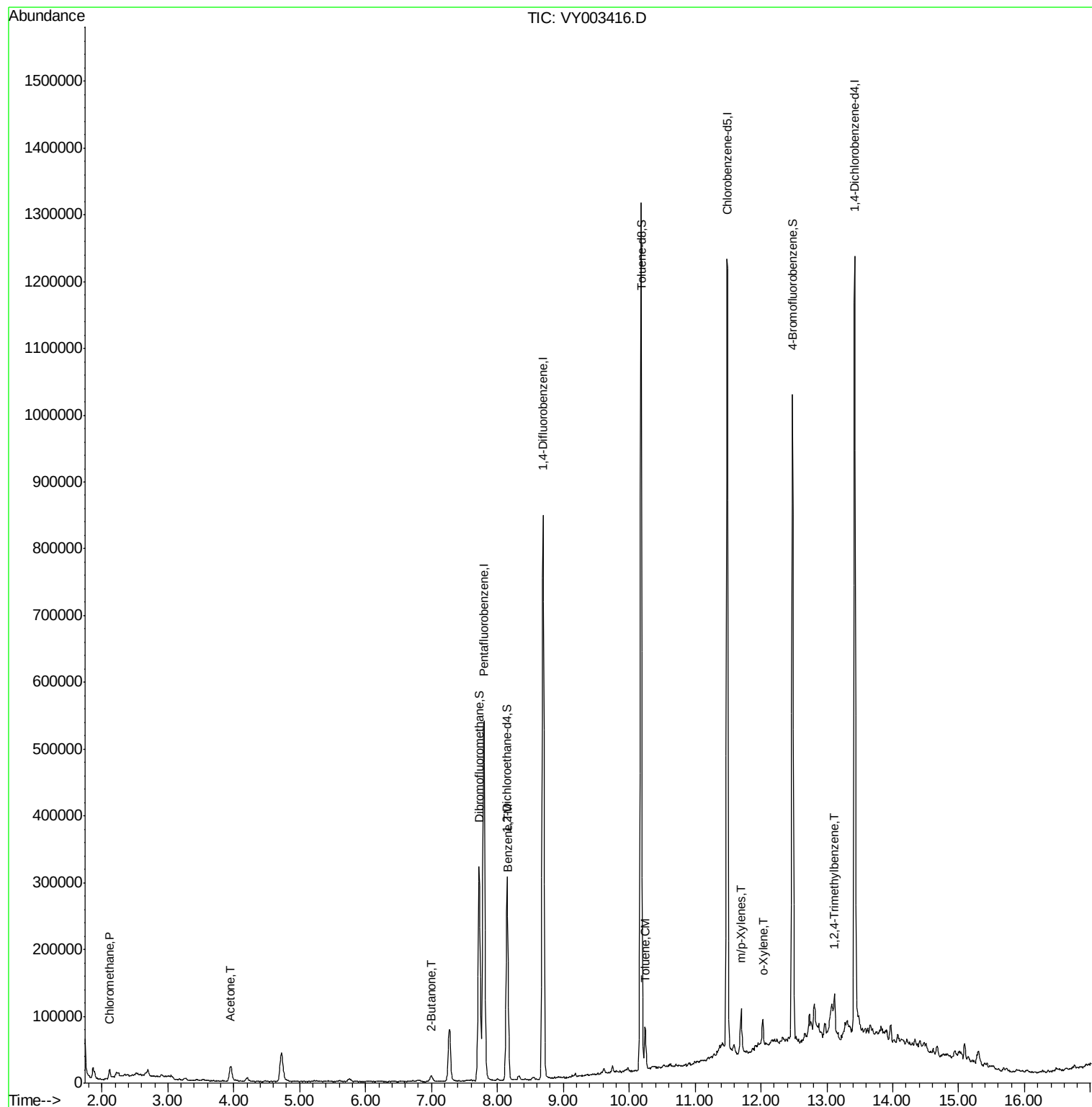
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	453532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	706539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	658285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	226457	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.72	113	224489	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
50) Toluene-d8	10.18	98	872936	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.48	95	283424	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
Target Compounds						
3) Chloromethane	2.12	50	11357	2.233	ug/l	95
16) Acetone	3.96	43	40176	37.708	ug/l	98
25) 2-Butanone	6.99	43	13017	8.017	ug/l	95
40) Benzene	8.16	78	21551	1.162	ug/l	94
52) Toluene	10.24	92	24451	2.102	ug/l	99
68) m/p-Xylenes	11.69	106	22447	2.556	ug/l	99
69) o-Xylene	12.02	106	10597	1.289	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	23360	1.400	ug/l	99

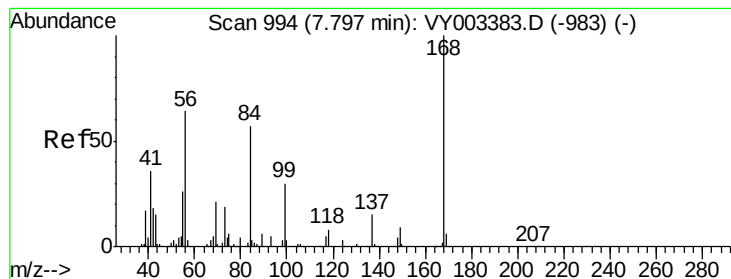
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 04 02:27:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003416.D

Acq: 03 Aug 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

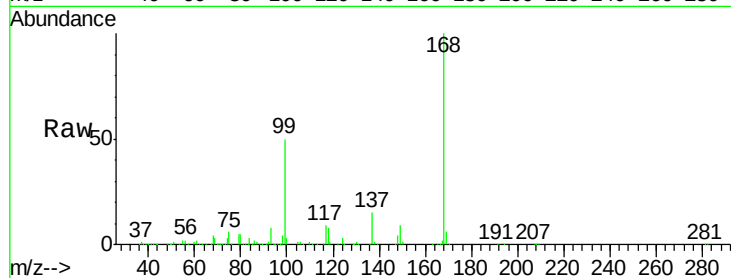
COMP-AB

Tot Ion:168 Resp: 453532

Ion Ratio Lower Upper

168 100

99 50.0 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

150000

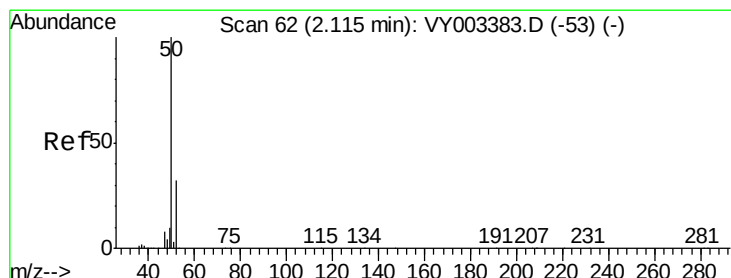
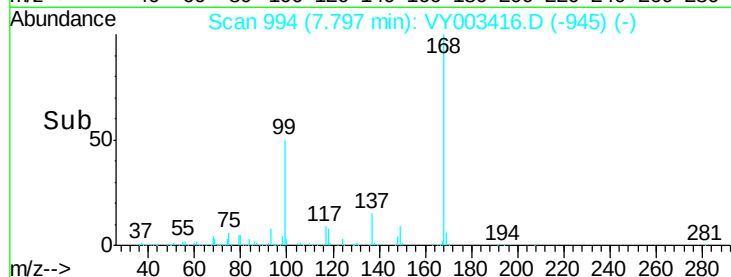
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#3

Chloromethane

Concen: 2.233 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003416.D

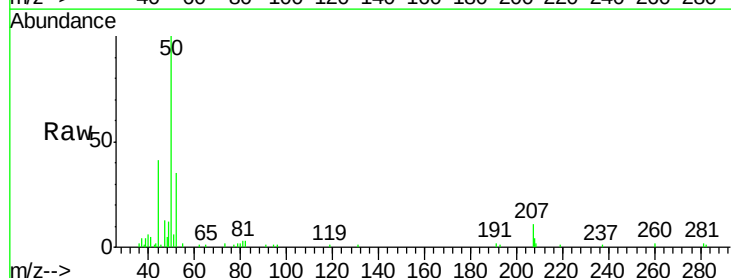
Acq: 03 Aug 2020 14:51

Tgt Ion: 50 Resp: 11357

Ion Ratio Lower Upper

50 100

52 35.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.12

8000

6000

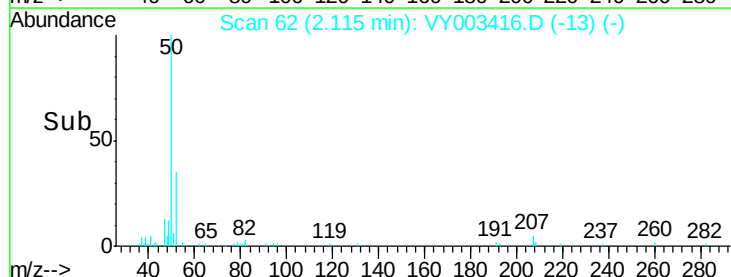
4000

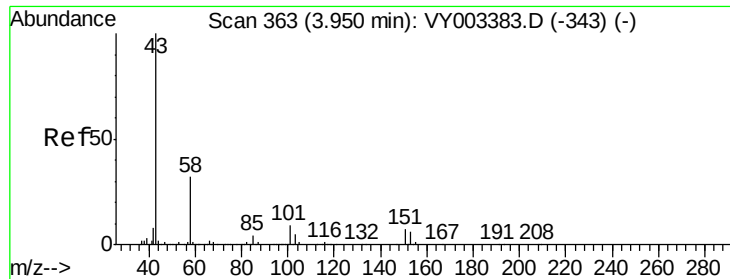
2000

0

2.05 2.10 2.15 2.20

Time-->

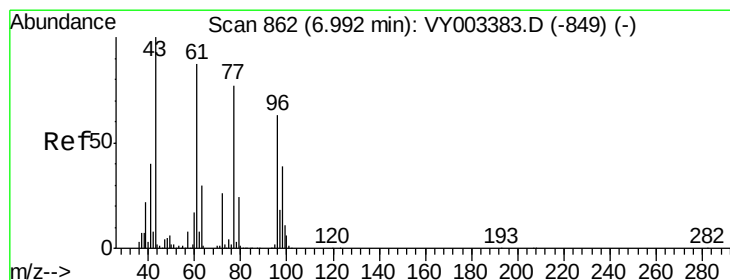
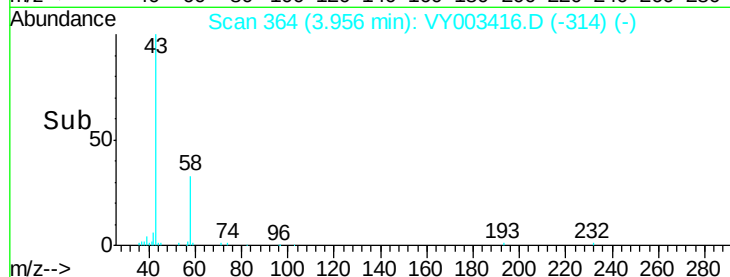
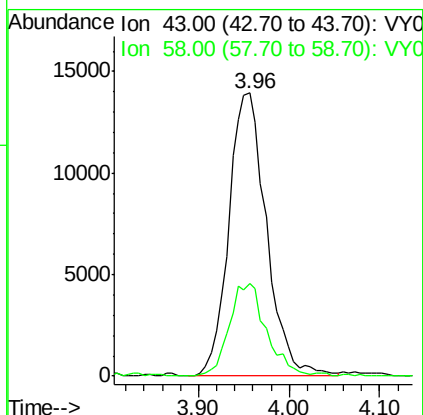
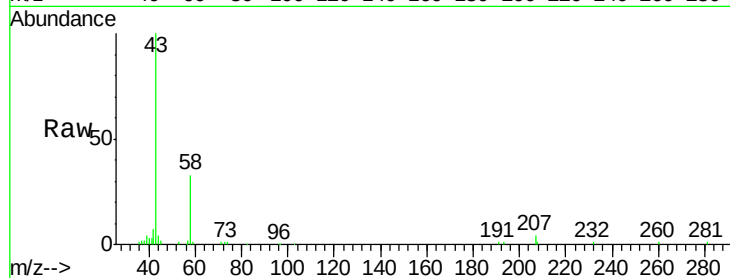




#16
Acetone
Concen: 37.708 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

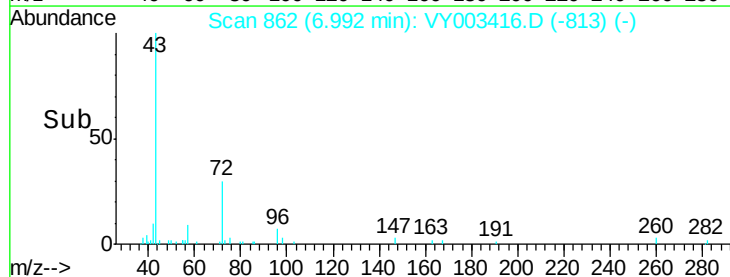
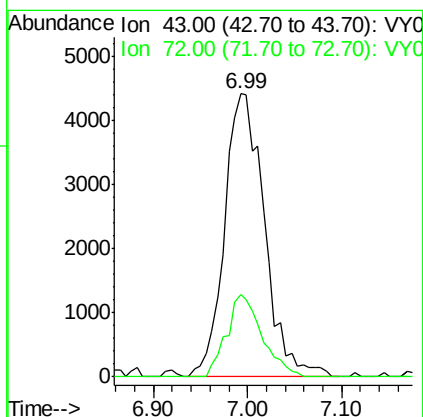
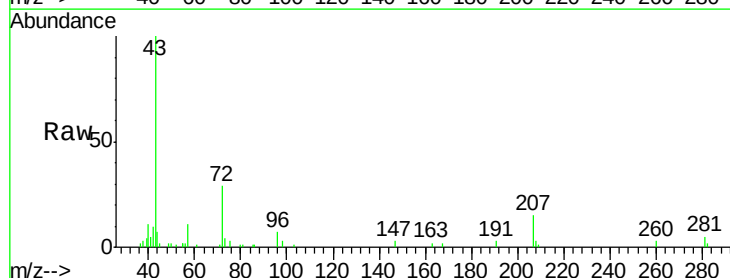
Instrument :
MSVOA_Y
ClientSampleId :
COMP-AB

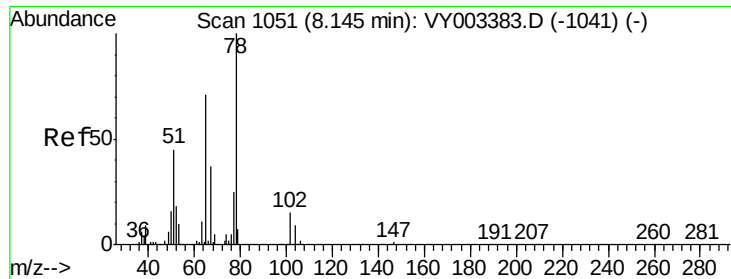
Tot Ion: 43 Resp: 40176
Ion Ratio Lower Upper
43 100
58 32.7 25.4 38.2



#25
2-Butanone
Concen: 8.017 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

Tgt Ion: 43 Resp: 13017
Ion Ratio Lower Upper
43 100
72 29.1 21.1 31.7

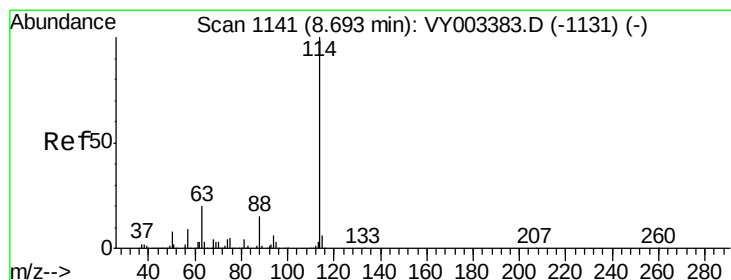
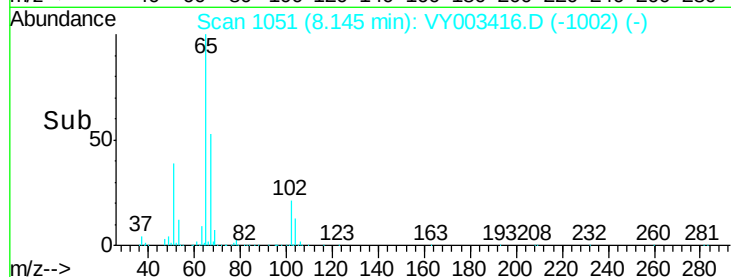
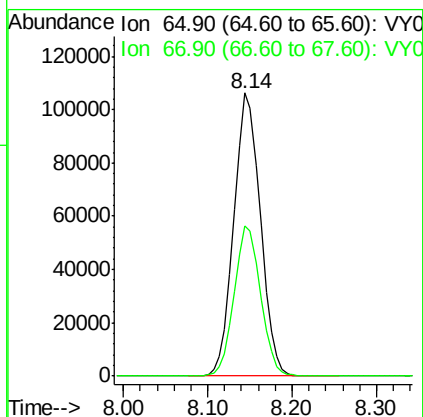
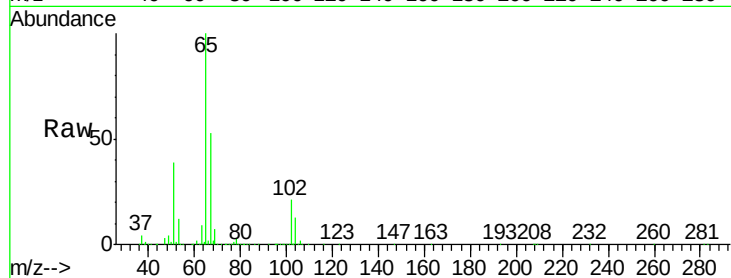




#33
 1,2-Dichloroethane-d4
 Concen: 52.515 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003416.D
 Acq: 03 Aug 2020 14:51

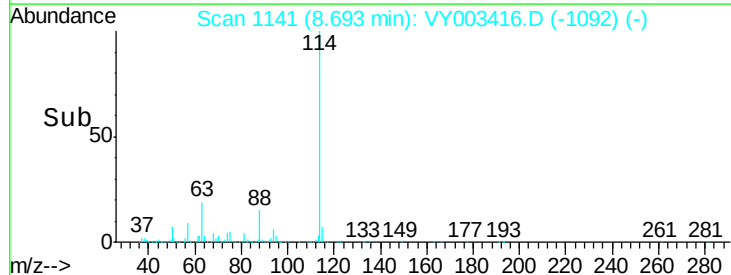
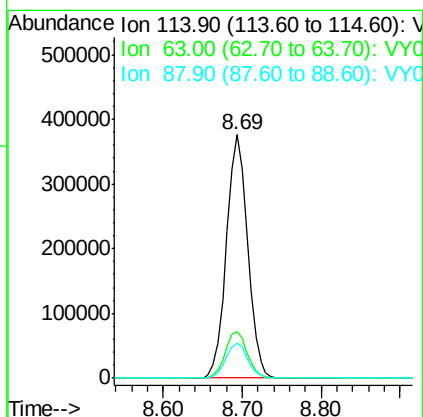
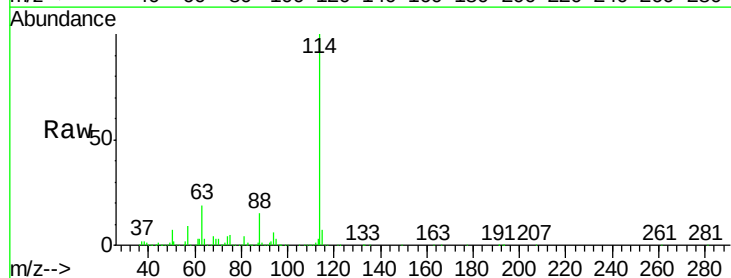
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-AB

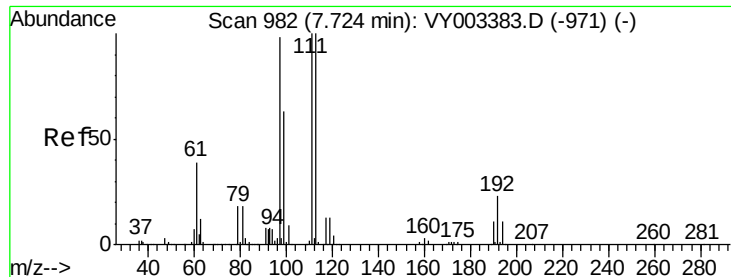
Tot Ion: 65 Resp: 226457
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003416.D
 Acq: 03 Aug 2020 14:51

Tgt Ion: 114 Resp: 706539
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.6
 88 14.5 0.0 29.2

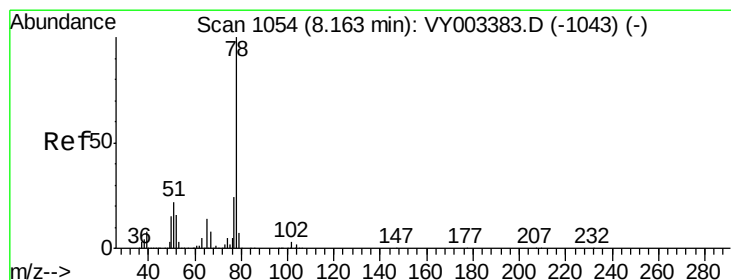
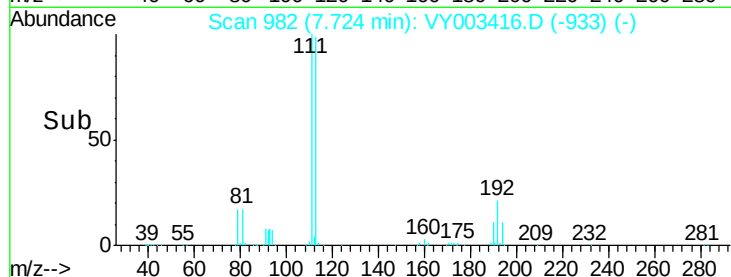
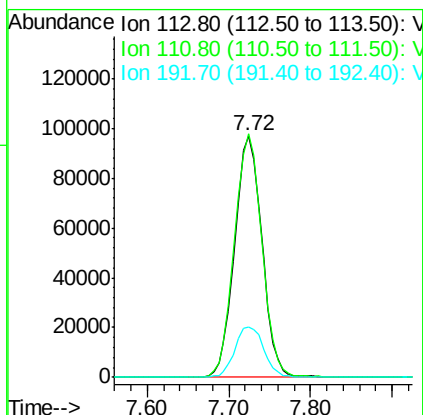
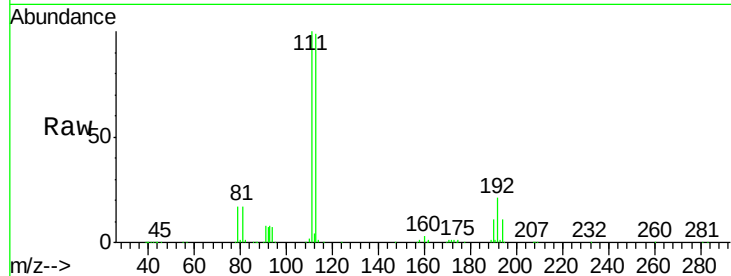




#35
 Dibromofluoromethane
 Concen: 53.938 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003416.D
 Acq: 03 Aug 2020 14:51

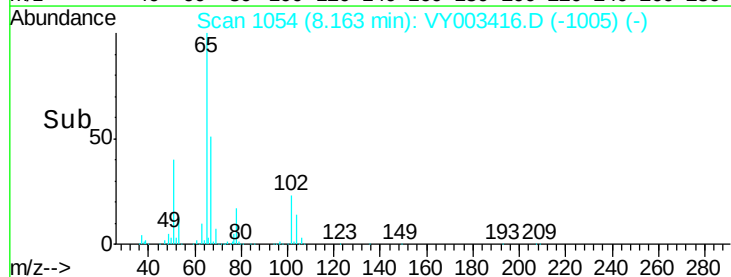
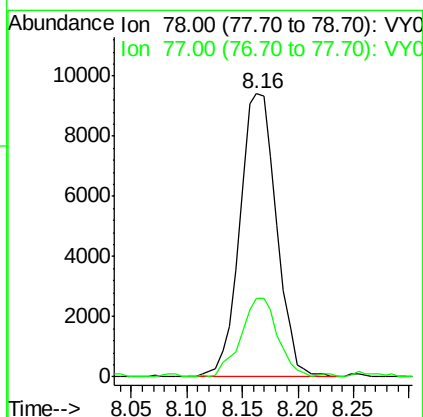
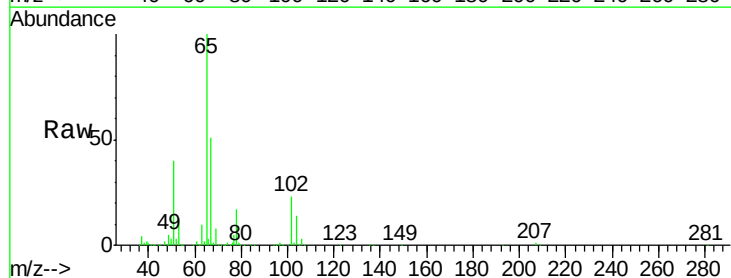
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-AB

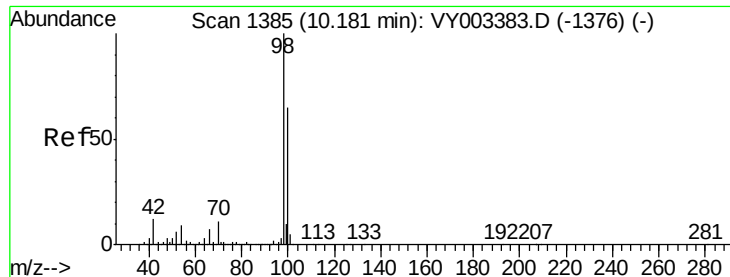
Tot Ion:113 Resp: 224489
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.4
 192 22.3 18.8 28.2



#40
 Benzene
 Concen: 1.162 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY003416.D
 Acq: 03 Aug 2020 14:51

Tgt Ion: 78 Resp: 21551
 Ion Ratio Lower Upper
 78 100
 77 27.6 19.5 29.3

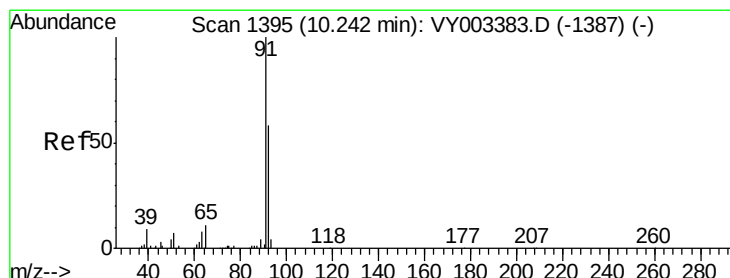
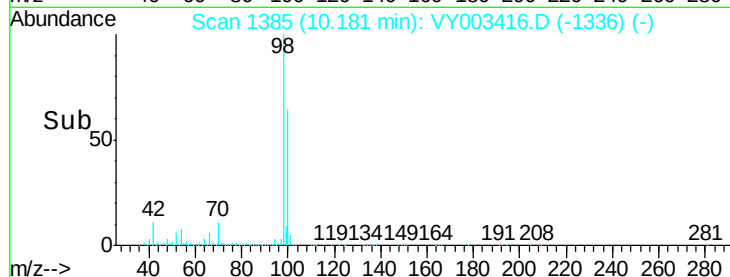
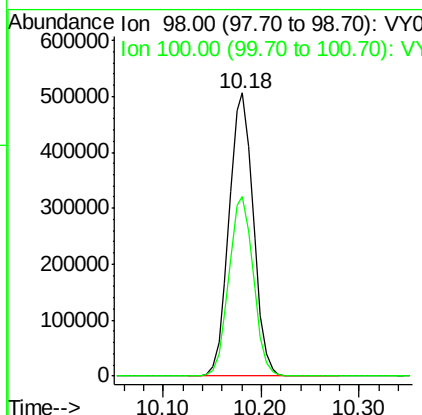
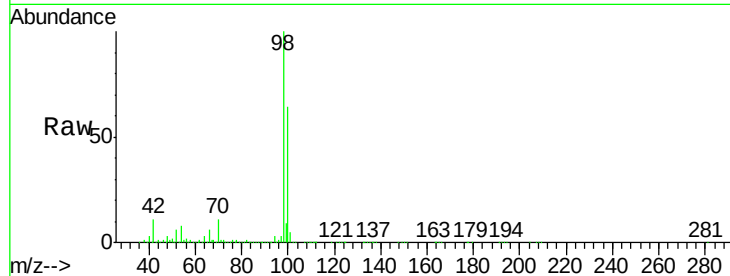




#50
Toluene-d8
Concen: 53.563 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

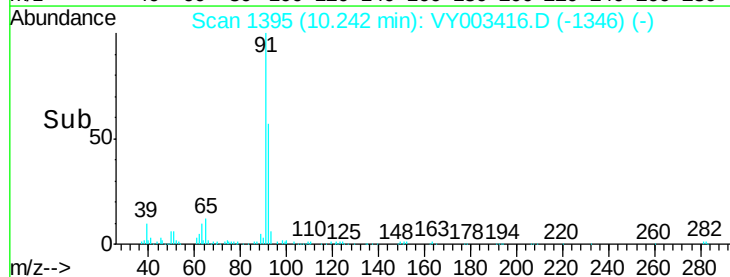
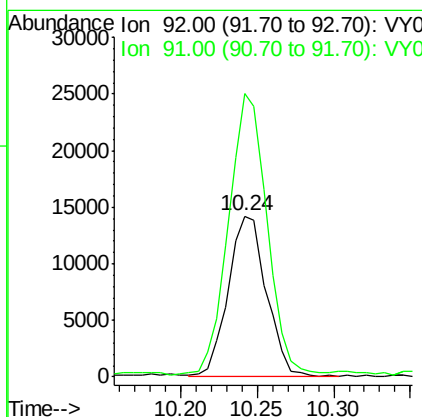
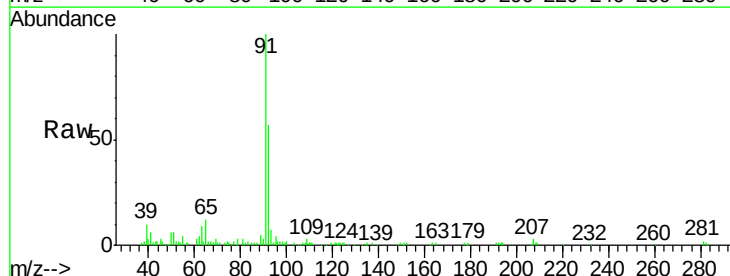
Instrument :
MSVOA_Y
ClientSampleId :
COMP-AB

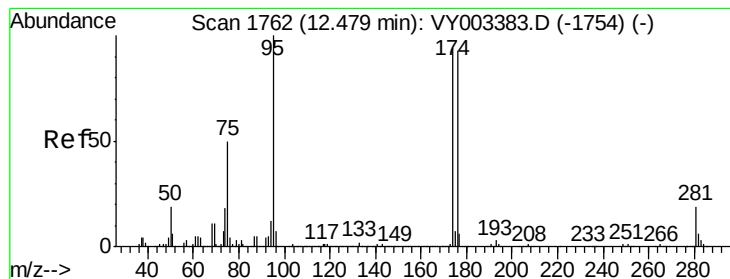
Tot Ion: 98 Resp: 872936
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#52
Toluene
Concen: 2.102 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

Tgt Ion: 92 Resp: 24451
Ion Ratio Lower Upper
92 100
91 176.1 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 50.898 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003416.D

Acq: 03 Aug 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

COMP-AB

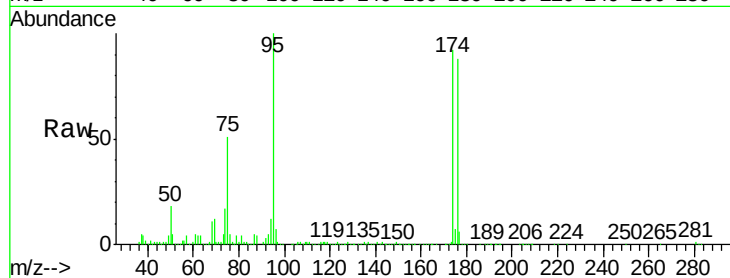
Tot Ion: 95 Resp: 283424

Ion Ratio Lower Upper

95 100

174 93.8 0.0 190.0

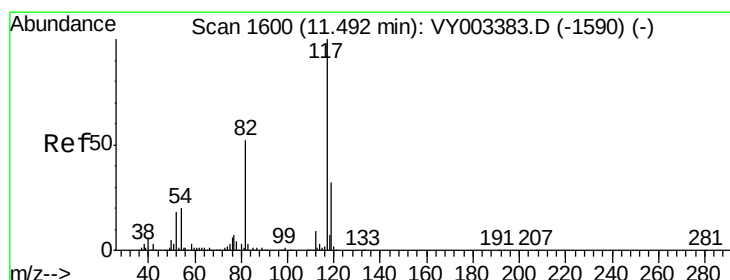
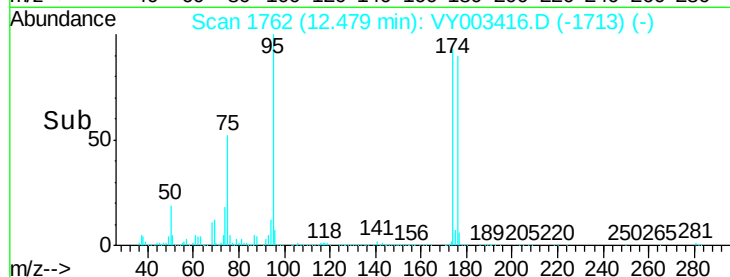
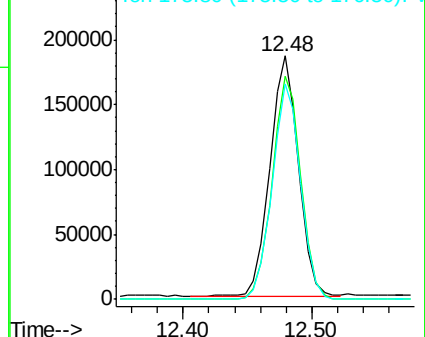
176 89.8 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003416.D

Acq: 03 Aug 2020 14:51

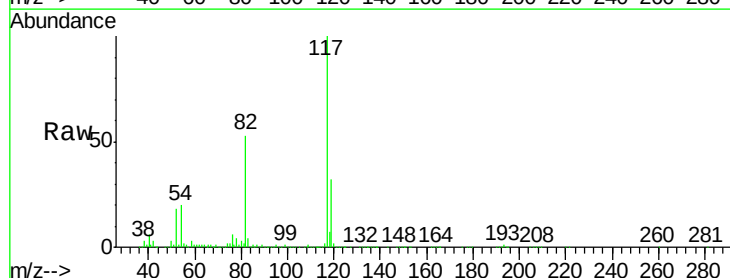
Tgt Ion: 117 Resp: 658285

Ion Ratio Lower Upper

117 100

82 52.6 41.9 62.9

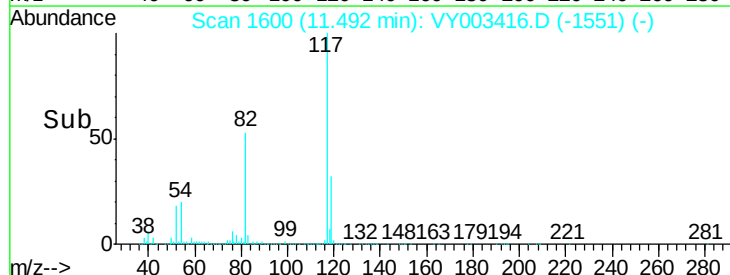
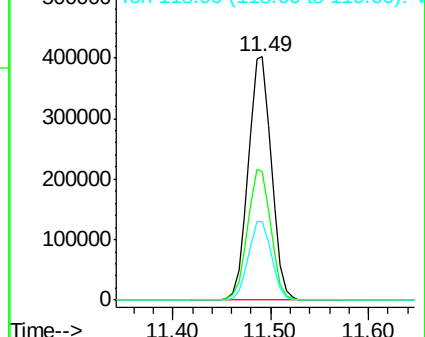
119 32.1 25.4 38.0

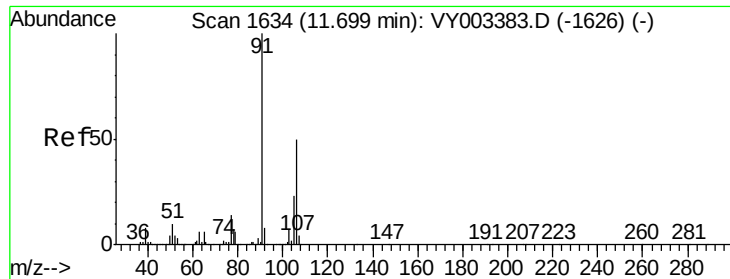


Abundance Ion 116.90 (116.60 to 117.60): VY003383.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY003383.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY003383.D (-1590) (-)

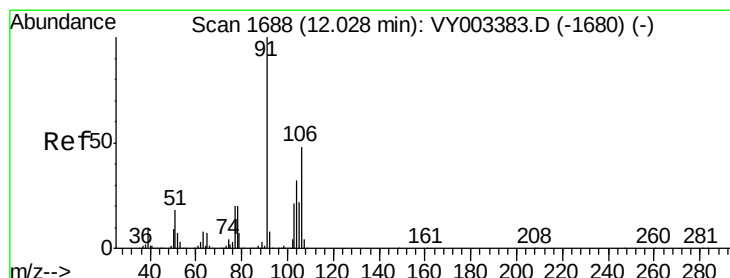
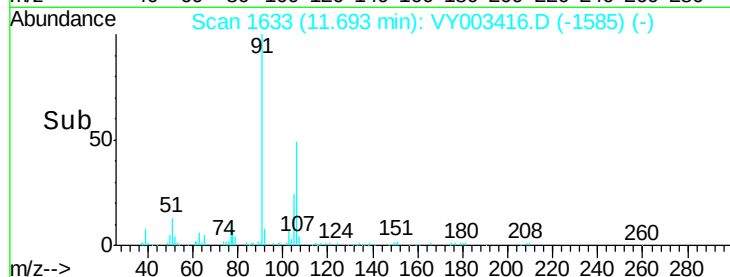
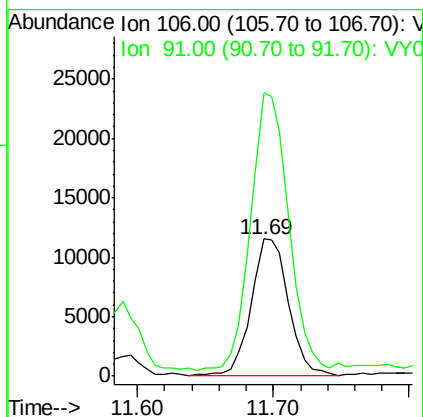
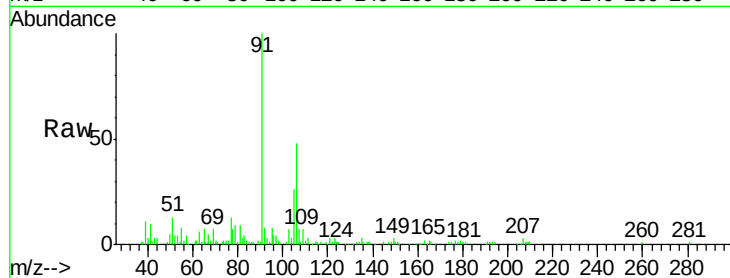




#68
m/p-Xylenes
Concen: 2.556 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

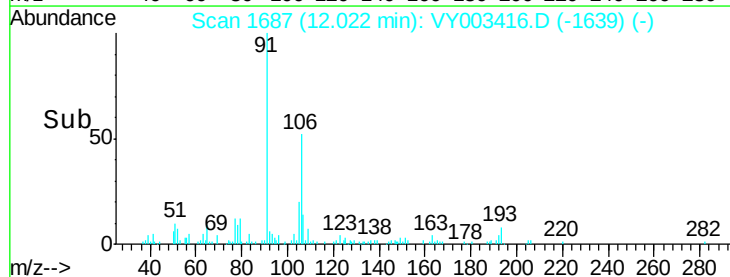
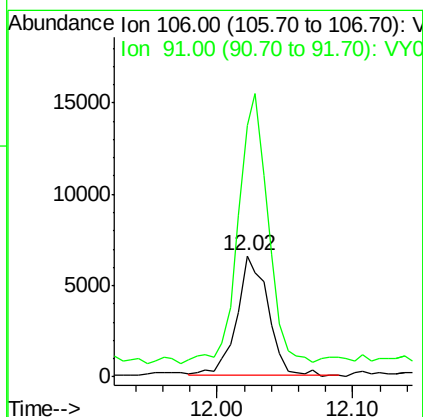
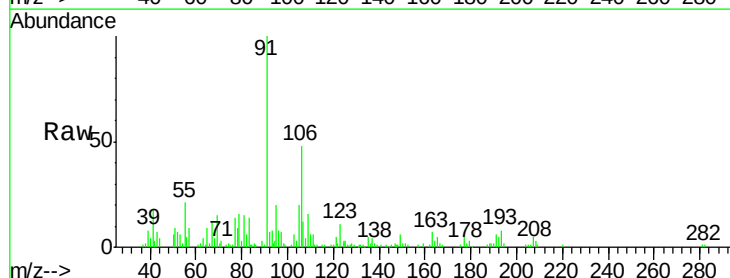
Instrument :
MSVOA_Y
ClientSampleId :
COMP-AB

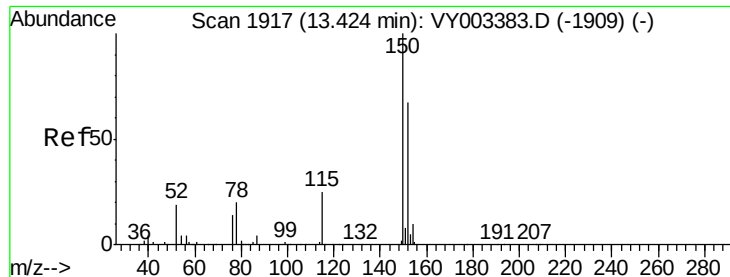
Tot Ion:106 Resp: 22447
Ion Ratio Lower Upper
106 100
91 203.4 161.0 241.6



#69
o-Xylene
Concen: 1.289 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

Tgt Ion:106 Resp: 10597
Ion Ratio Lower Upper
106 100
91 210.7 104.6 313.7



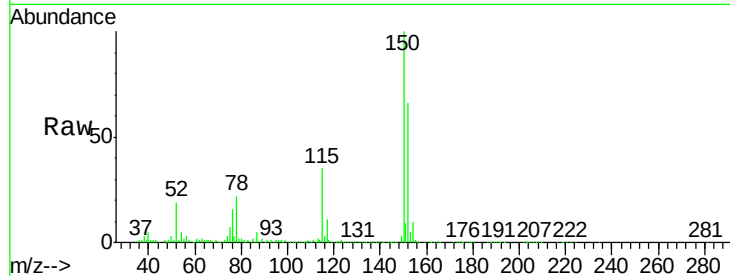


#72

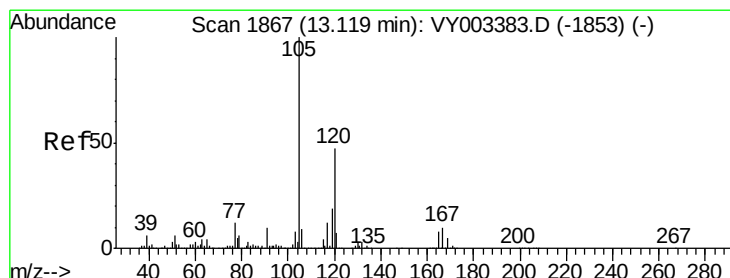
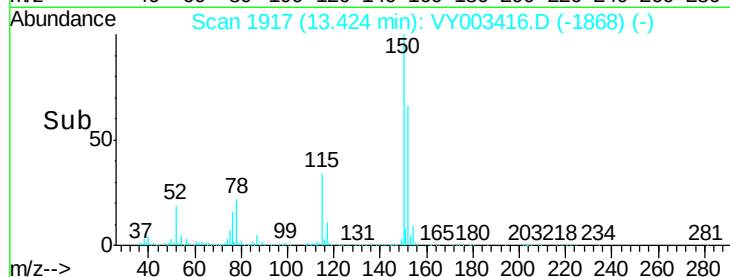
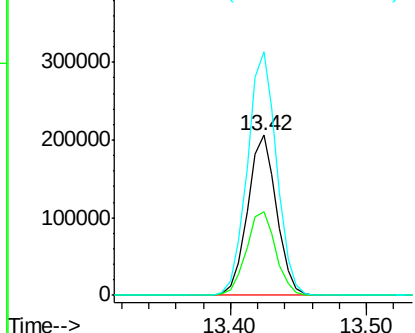
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
COMP-AB

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.2	81.5
150	153.6	0.0	346.8



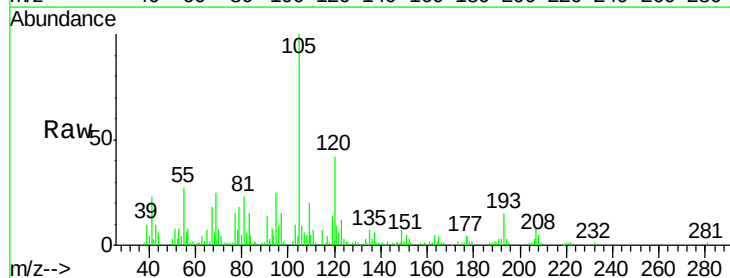
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene
Concen: 1.400 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003416.D
Acq: 03 Aug 2020 14:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.3



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

