

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001046.D
 Acq On : 24 Dec 2019 14:32
 Operator : SY/MD
 Sample : K6413-03
 Misc : 8.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB3

Quant Time: Dec 25 03:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

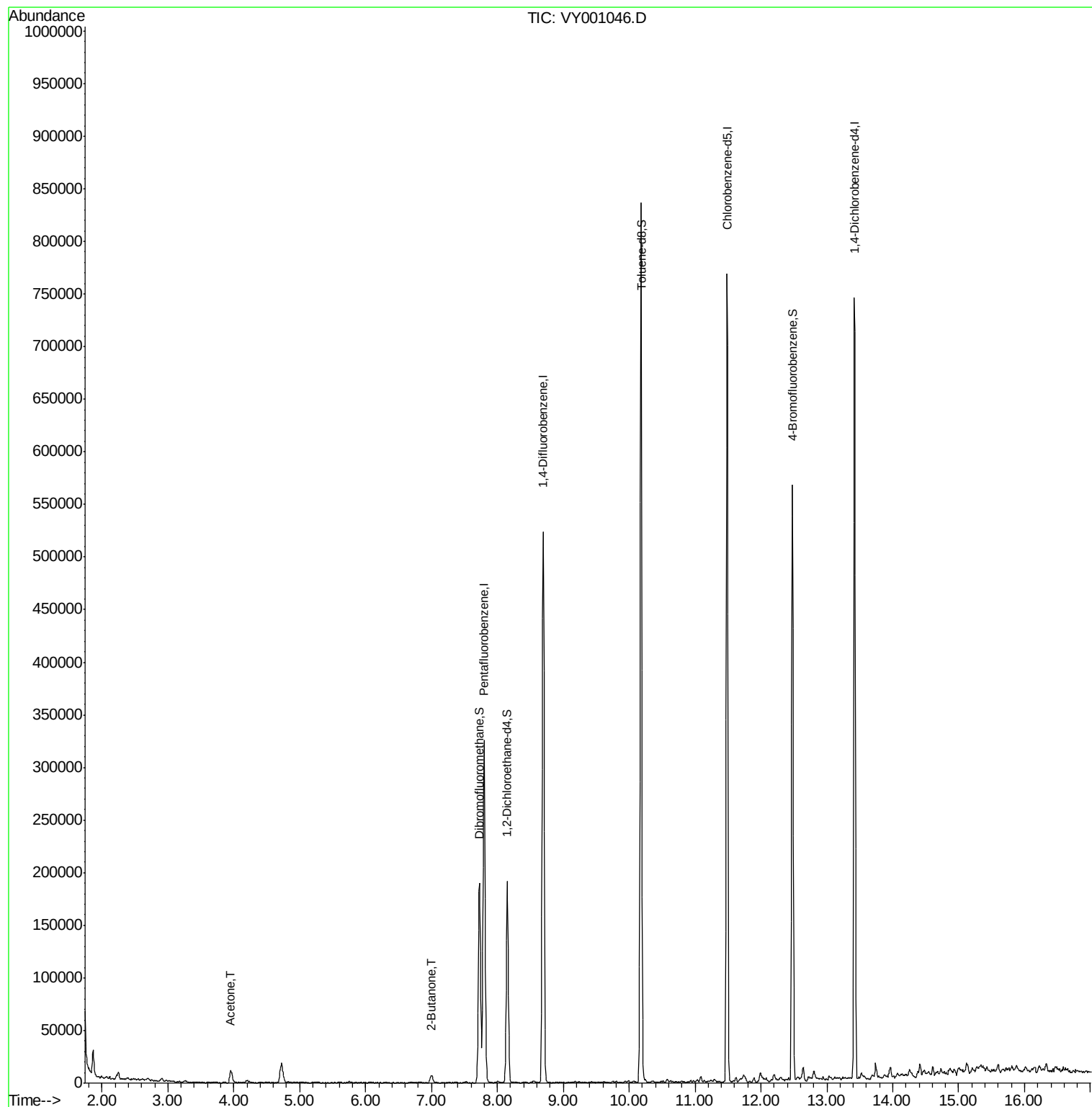
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	248607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	470384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137625	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
35) Dibromofluoromethane	7.73	113	137208	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.18	98	555706	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.48	95	180066	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
16) Acetone	3.95	43	19043	33.712	ug/l	98
25) 2-Butanone	7.00	43	5525	5.568	ug/l #	82

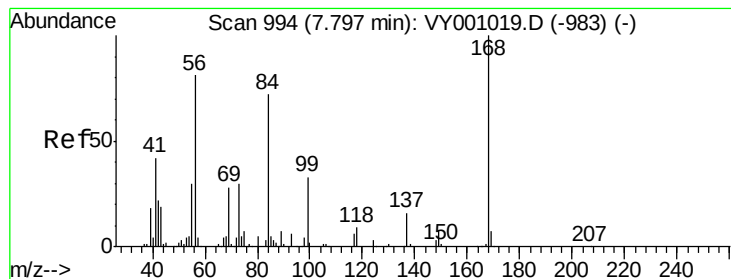
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001046.D

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Instrument :

MSVOA_Y

ClientSampleId :

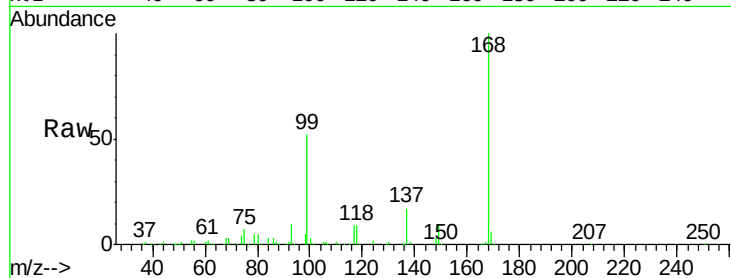
K005-AA-SB3

Tot Ion:168 Resp: 248607

Ion Ratio Lower Upper

168 100

99 51.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

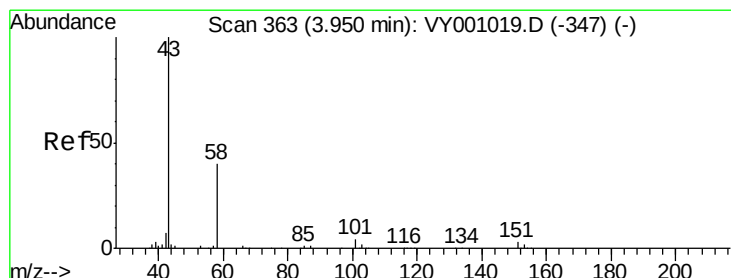
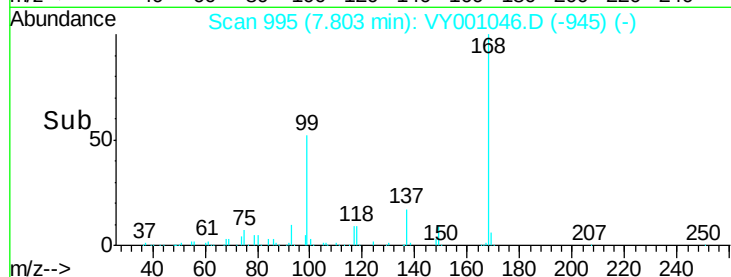
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.712 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001046.D

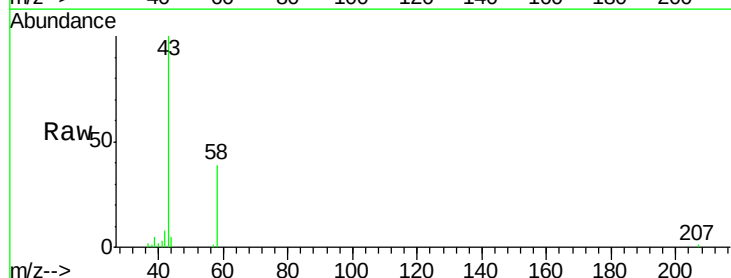
Acq: 24 Dec 2019 14:32

Tgt Ion: 43 Resp: 19043

Ion Ratio Lower Upper

43 100

58 39.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.95

8000

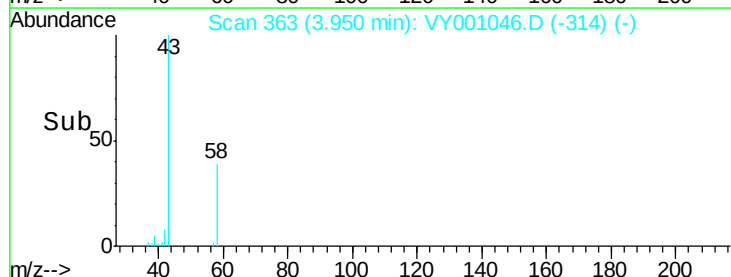
6000

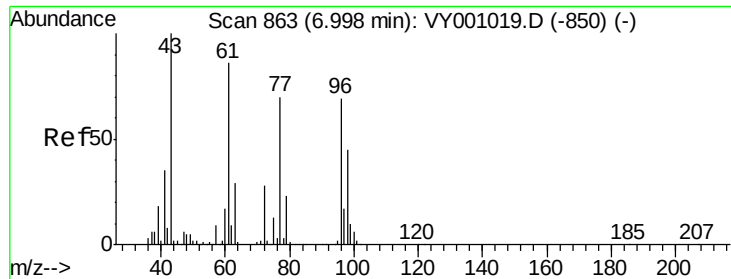
4000

2000

0

Time-->





#25

2-Butanone

Concen: 5.568 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

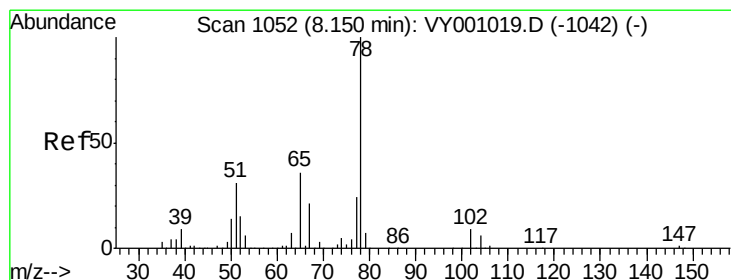
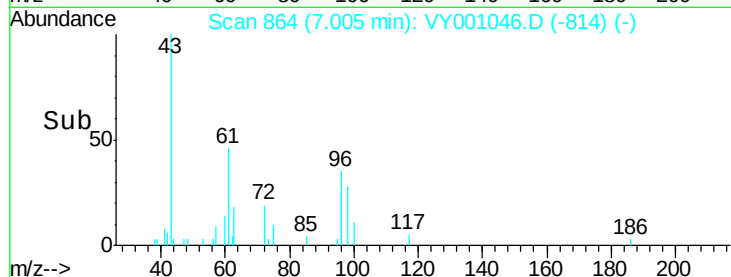
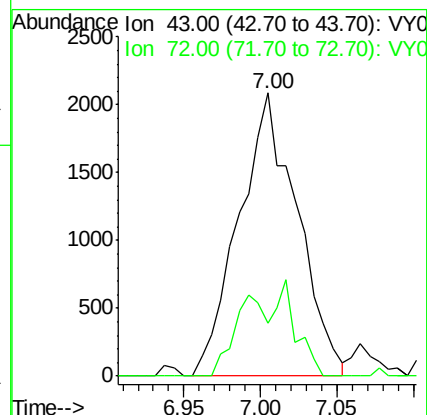
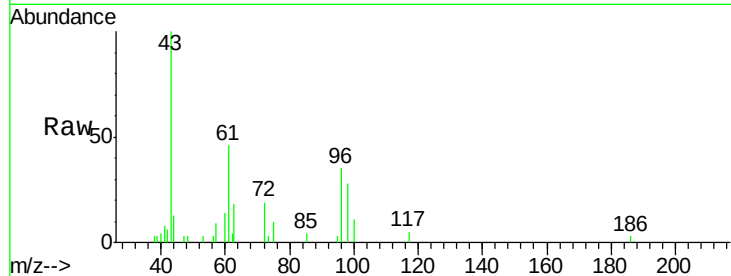
K005-AA-SB3

Tot Ion: 43 Resp: 5525

Ion Ratio Lower Upper

43 100

72 18.5 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 56.129 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001046.D

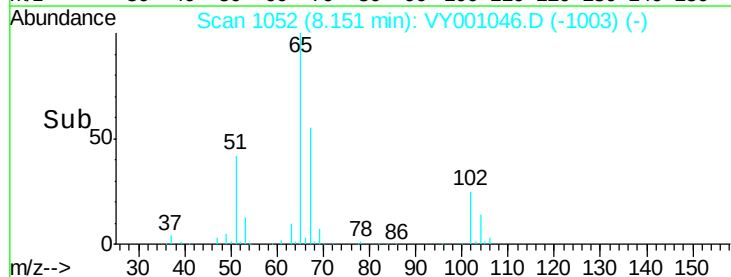
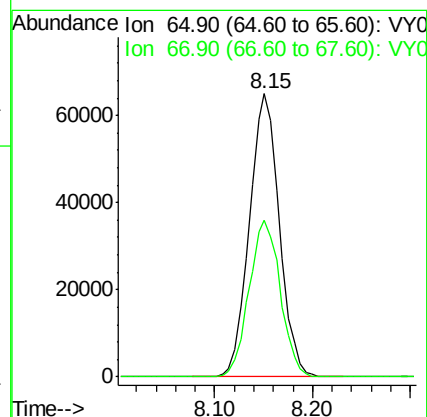
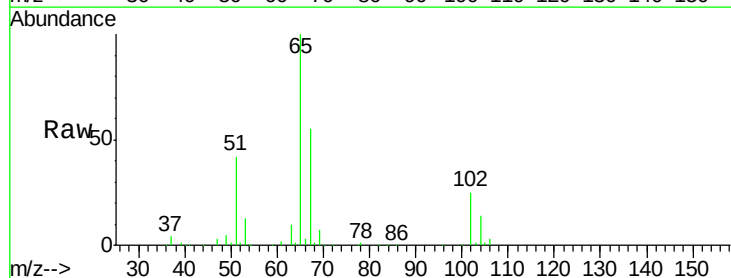
Acq: 24 Dec 2019 14:32

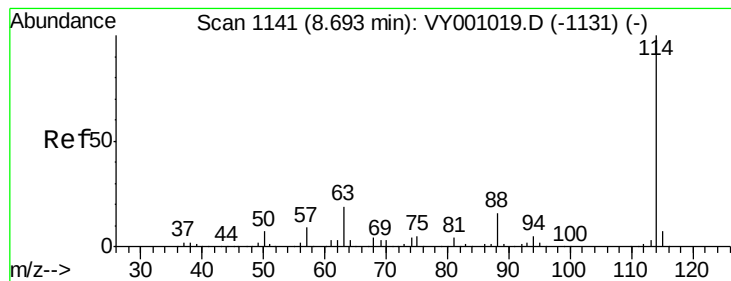
Tgt Ion: 65 Resp: 137625

Ion Ratio Lower Upper

65 100

67 57.7 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB3

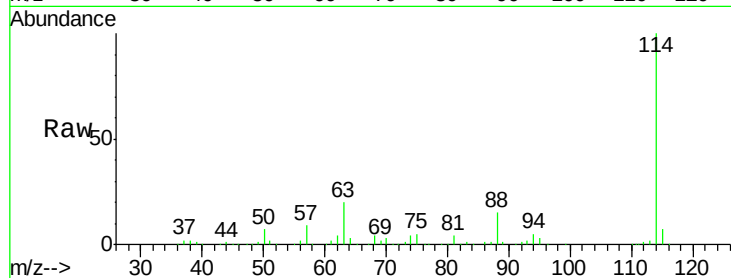
Tot Ion:114 Resp: 470384

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.0

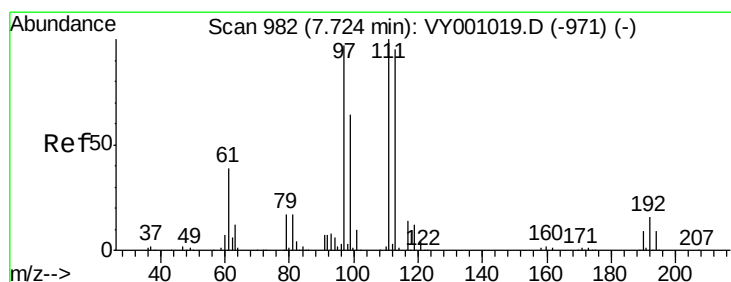
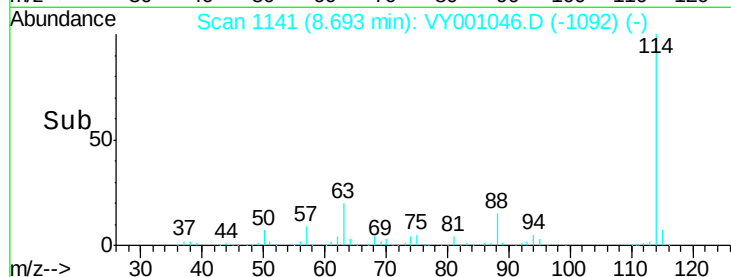
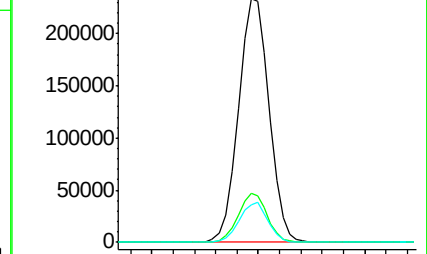
88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.536 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

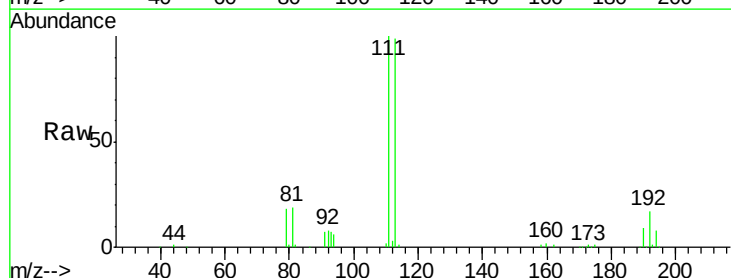
Tgt Ion:113 Resp: 137208

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

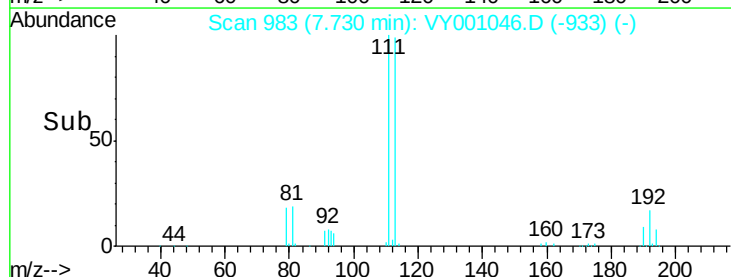
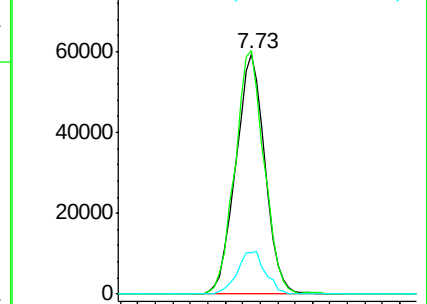
192 17.3 14.6 21.8

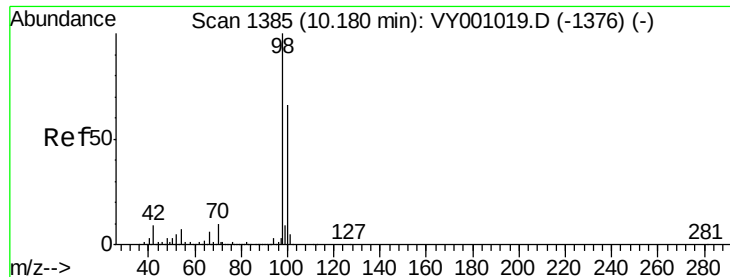


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.337 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

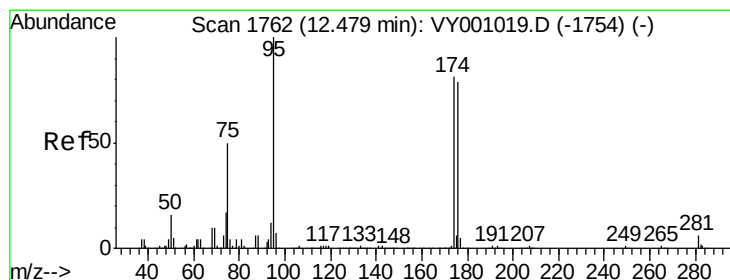
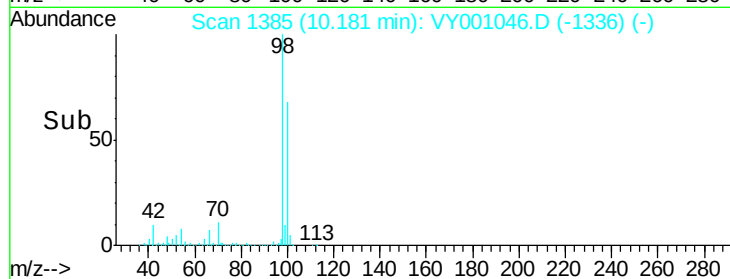
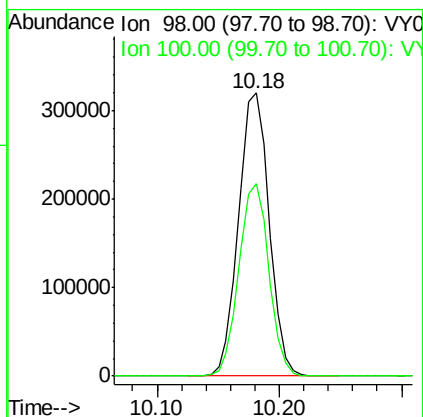
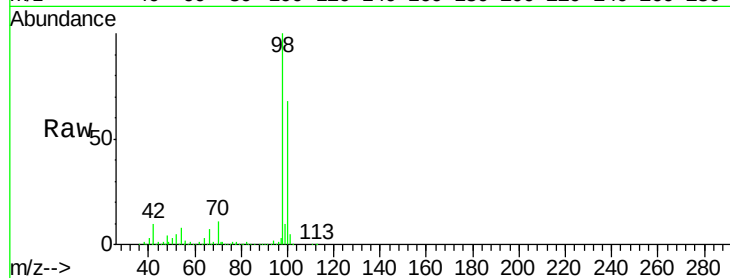
K005-AA-SB3

Tot Ion: 98 Resp: 555706

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 45.498 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

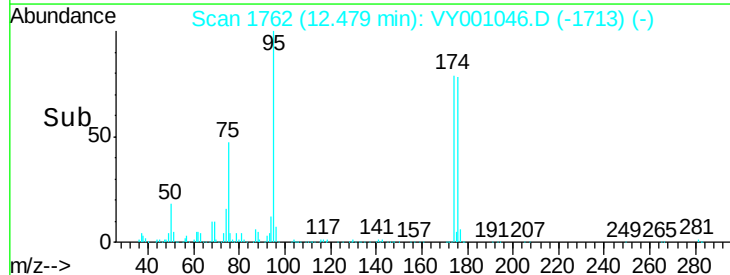
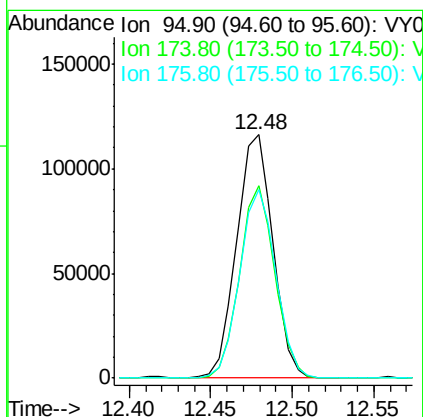
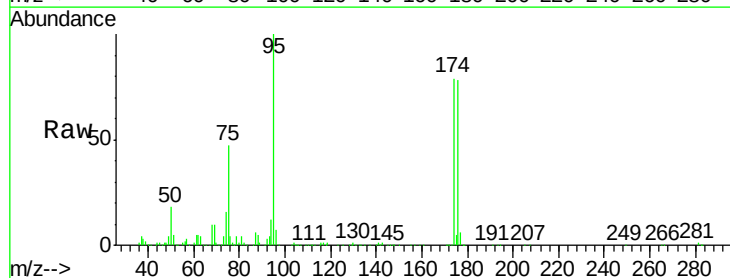
Tgt Ion: 95 Resp: 180066

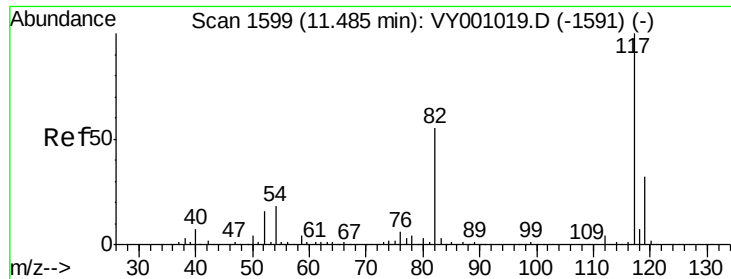
Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.4

176 77.5 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB3

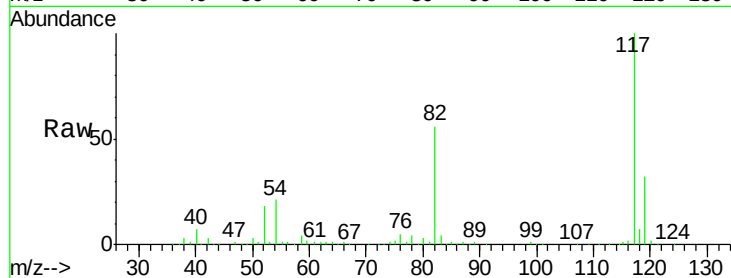
Tot Ion:117 Resp: 417086

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

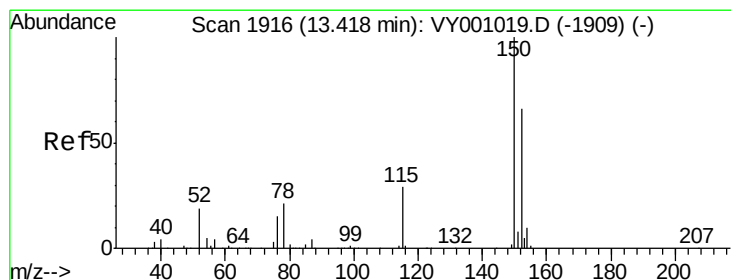
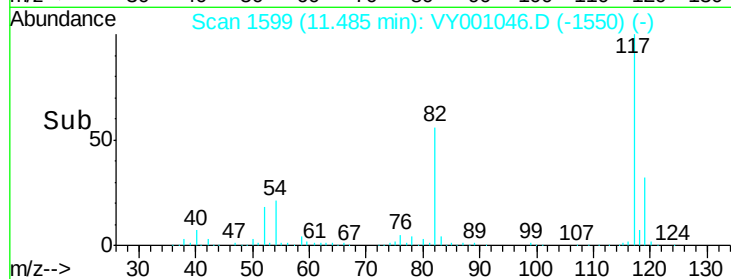
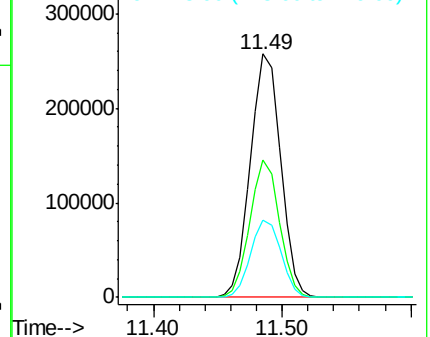
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001046.D

Acq: 24 Dec 2019 14:32

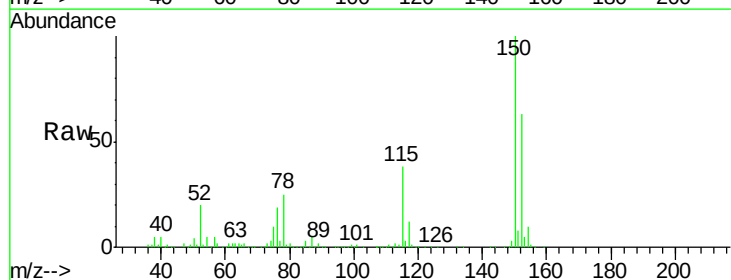
Tgt Ion:152 Resp: 186448

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.3

150 155.6 0.0 352.6



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

