

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000582.D
 Acq On : 07 Nov 2019 15:49
 Operator : SY/MD
 Sample : K5723-13
 Misc : 6.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-B

Quant Time: Nov 08 04:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

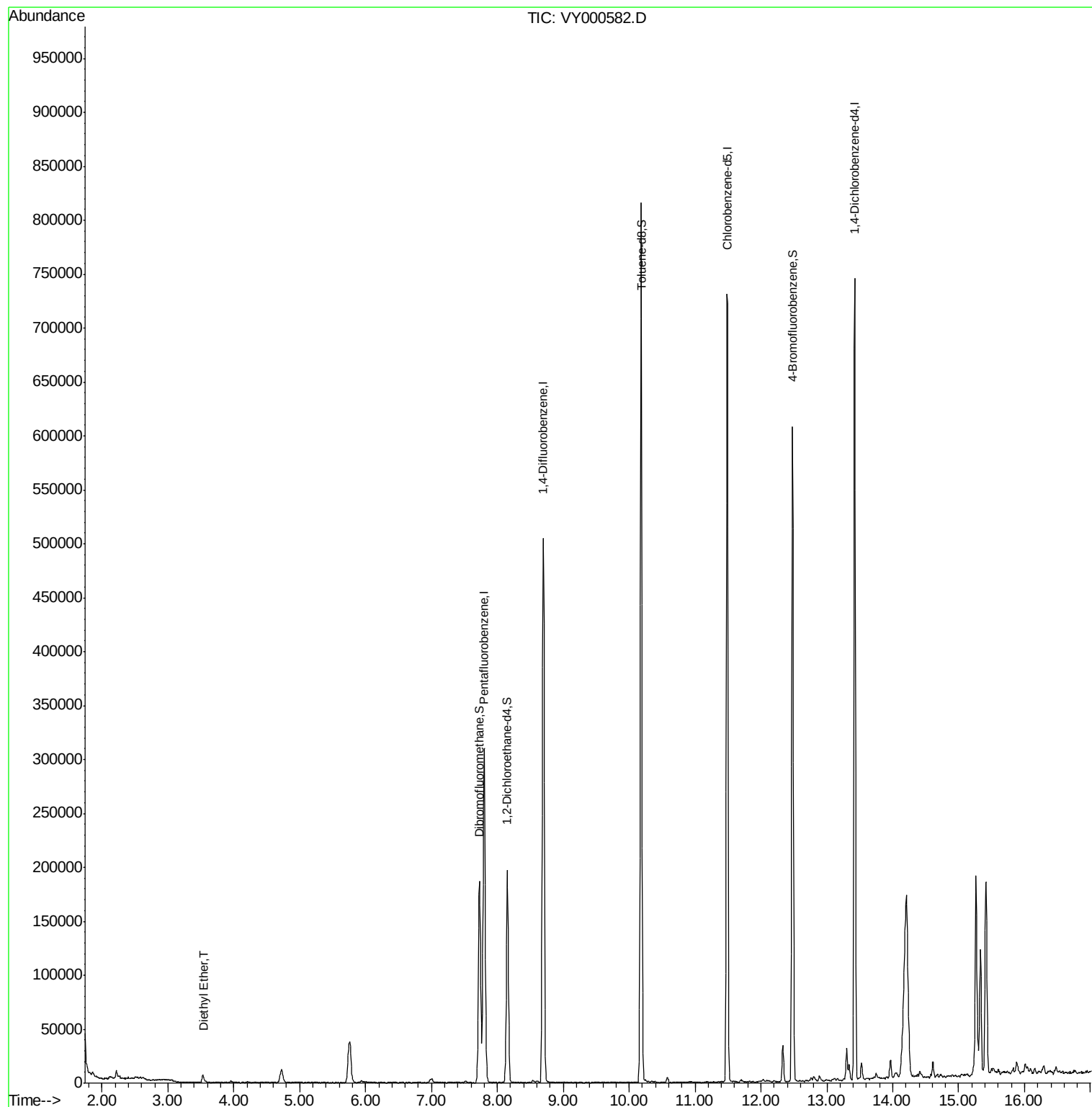
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	237088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	437746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	394965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148536	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
35) Dibromofluoromethane	7.73	113	129285	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.18	98	507422	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.48	95	179441	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
8) Diethyl Ether	3.54	74	4251	2.967	ug/l	Qvalue 97

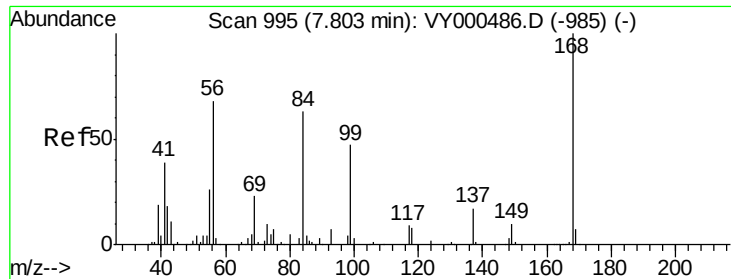
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000582.D

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MSVOA_Y

ClientSampleId :

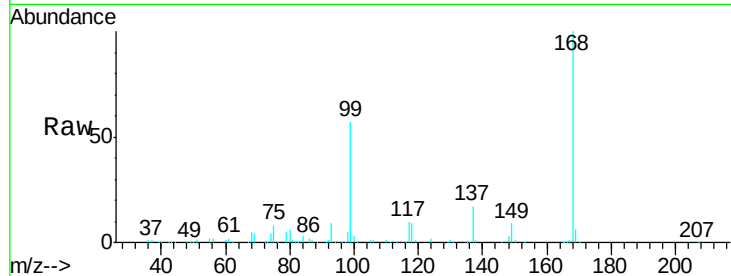
10-B

Tgt Ion: 168 Resp: 237088

Ion Ratio Lower Upper

168 100

99 57.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

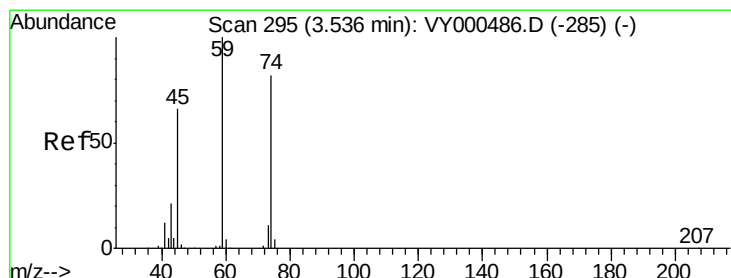
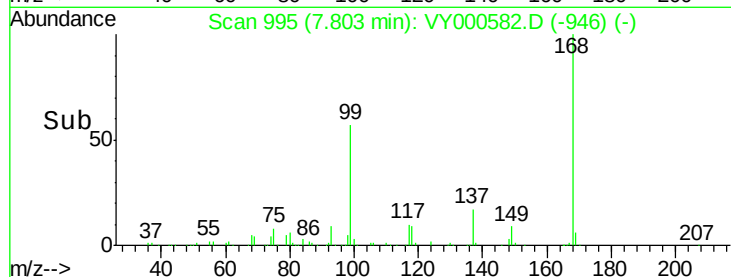
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.967 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VY000582.D

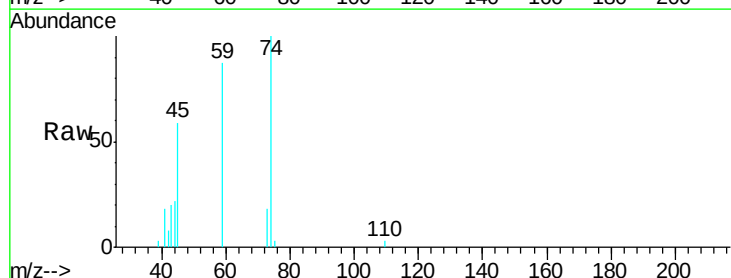
Acq: 07 Nov 2019 15:49

Tgt Ion: 74 Resp: 4251

Ion Ratio Lower Upper

74 100

45 93.4 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

3.54

2000

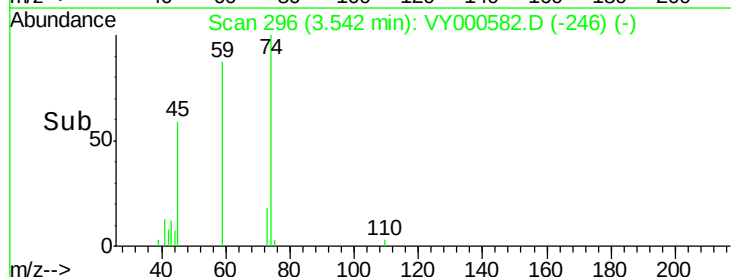
1500

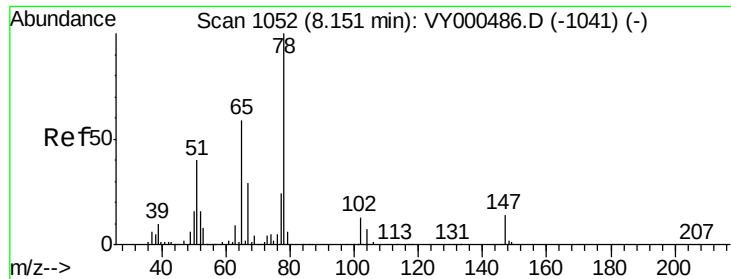
1000

500

0

Time-->

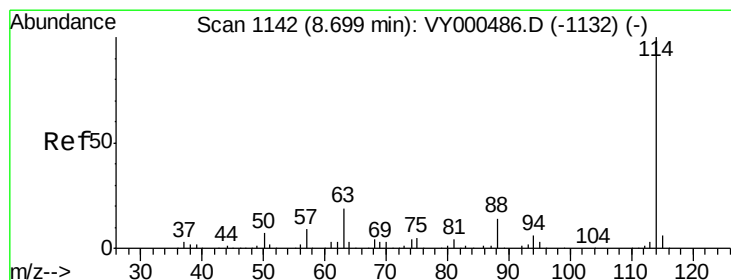
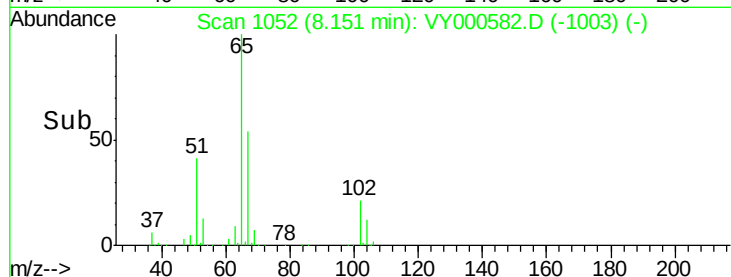
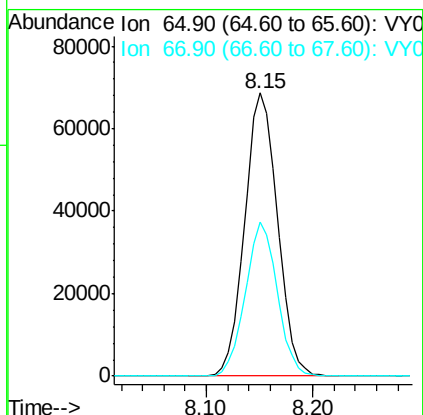
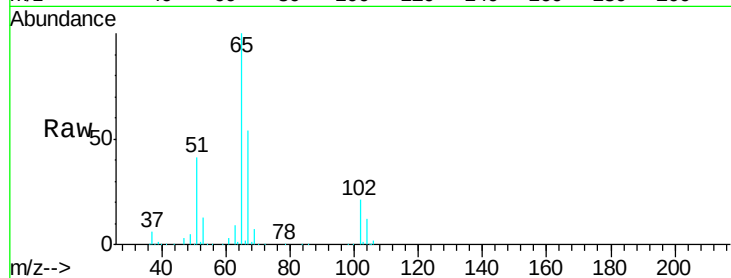




#33
 1,2-Dichloroethane-d4
 Concen: 60.539 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000582.D
 Acq: 07 Nov 2019 15:49

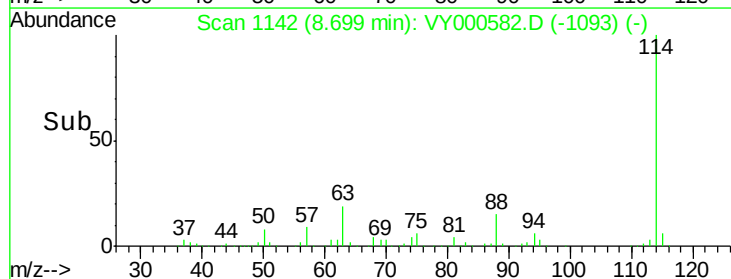
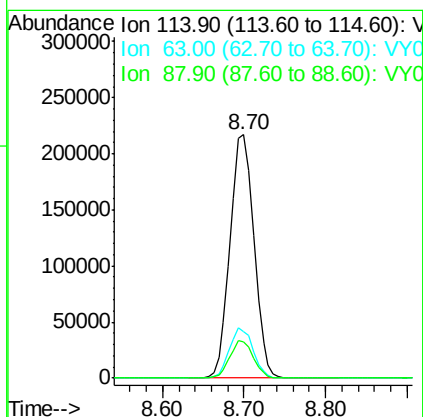
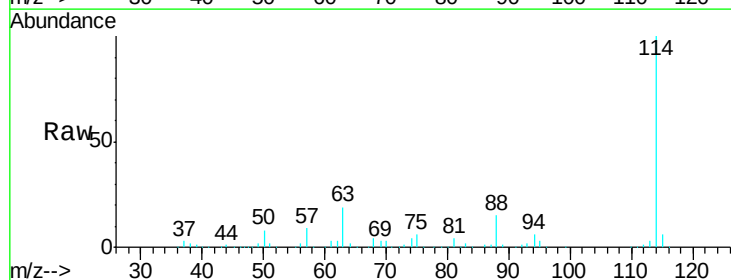
Instrument :
 MSVOA_Y
 ClientSampleId :
 10-B

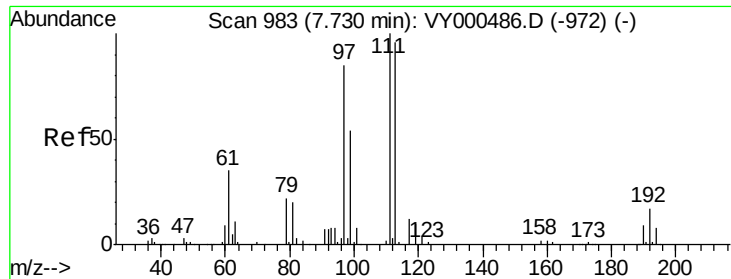
Tgt Ion: 65 Resp: 148536
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000582.D
 Acq: 07 Nov 2019 15:49

Tgt Ion: 114 Resp: 437746
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 15.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.308 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000582.D

Acq: 07 Nov 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

10-B

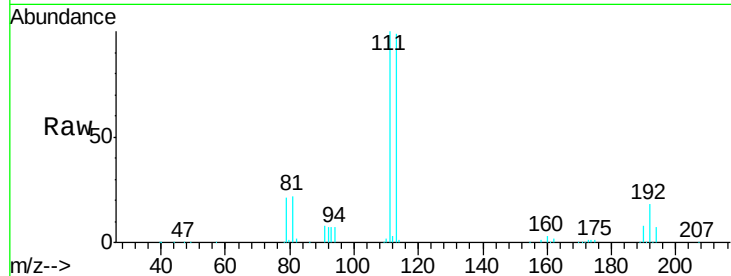
Tgt Ion:113 Resp: 129285

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

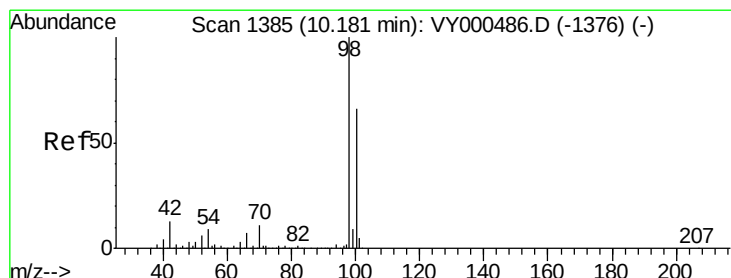
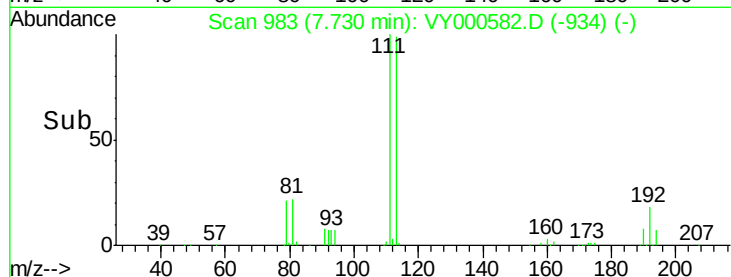
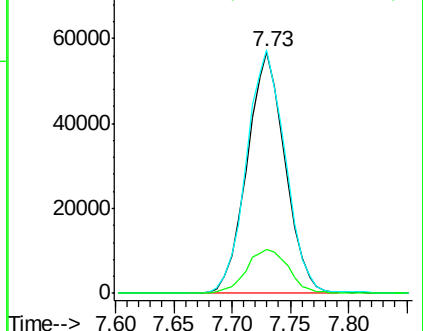
192 20.0 15.0 22.4



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: 52.037 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000582.D

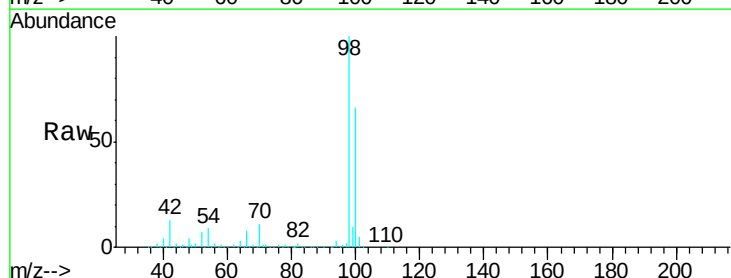
Acq: 07 Nov 2019 15:49

Tgt Ion: 98 Resp: 507422

Ion Ratio Lower Upper

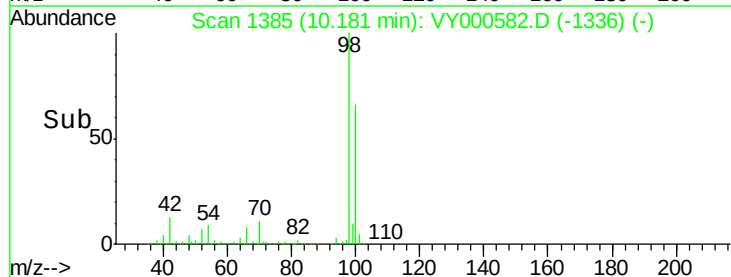
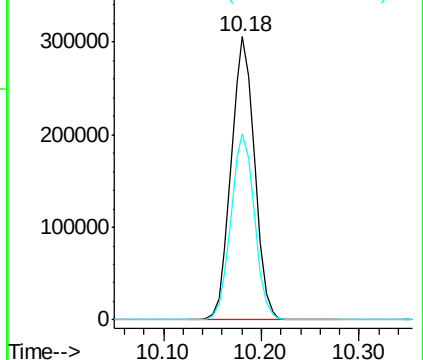
98 100

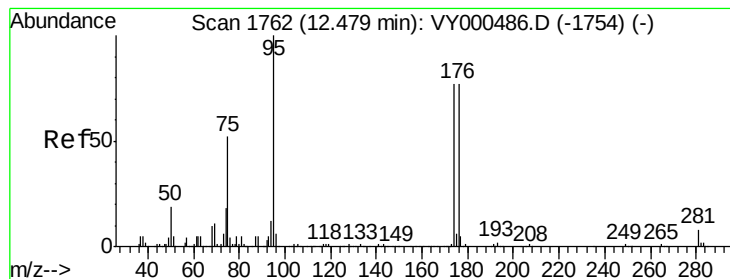
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.338 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000582.D

Acq: 07 Nov 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

10-B

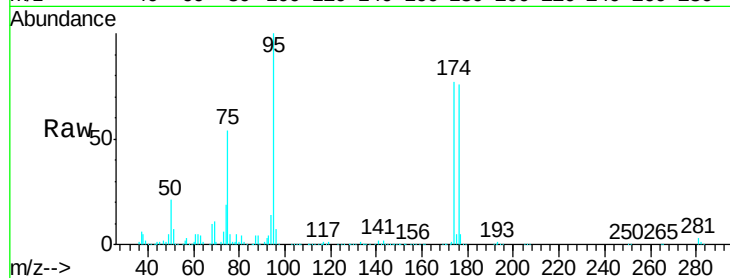
Tgt Ion: 95 Resp: 179441

Ion Ratio Lower Upper

95 100

174 77.4 0.0 161.6

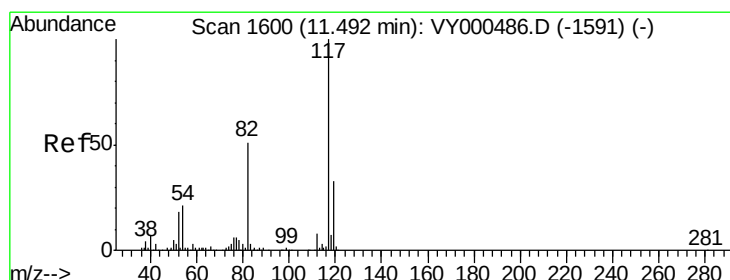
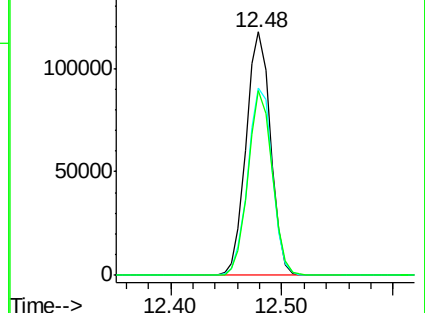
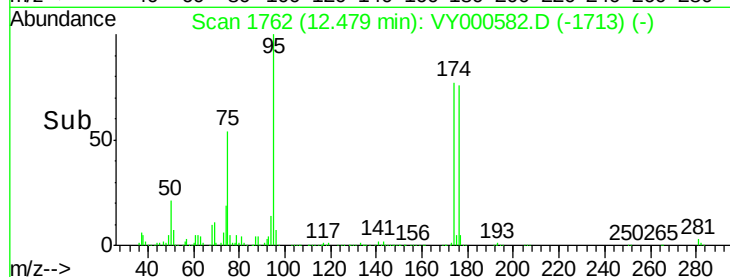
176 75.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000582.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000582.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000582.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000582.D

Acq: 07 Nov 2019 15:49

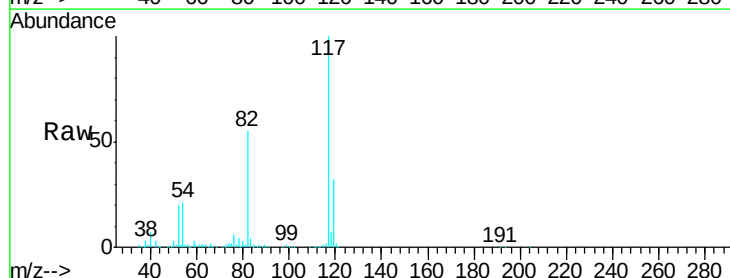
Tgt Ion: 117 Resp: 394965

Ion Ratio Lower Upper

117 100

82 55.0 40.8 61.2

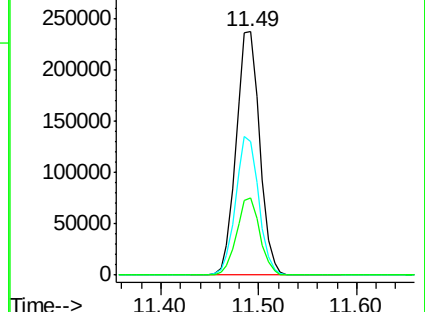
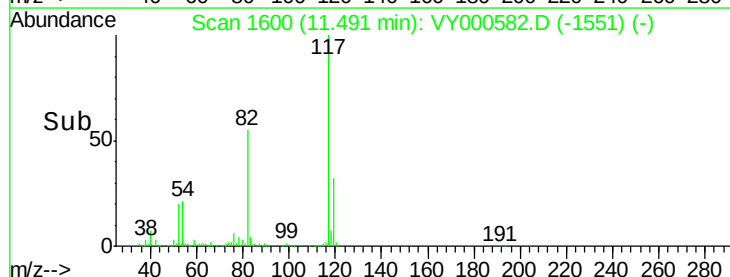
119 31.6 26.2 39.2

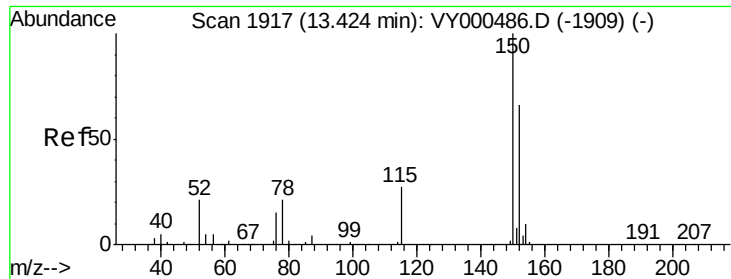


Abundance Ion 116.90 (116.60 to 117.60): VY000582.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000582.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000582.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000582.D

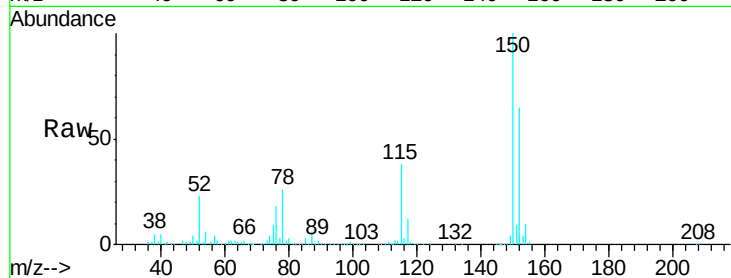
Acq: 07 Nov 2019 15:49

Instrument :

MSVOA_Y

ClientSampleId :

10-B



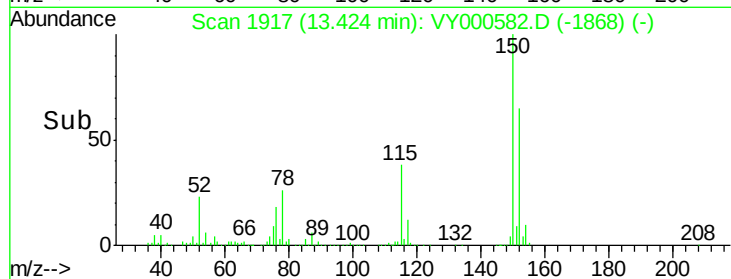
Tgt Ion:152 Resp: 175170

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.4

150 155.8 0.0 348.8



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

