

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000772.D
 Acq On : 21 Nov 2019 16:48
 Operator : SY/MD
 Sample : K5948-02
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1-6-12

Quant Time: Nov 22 04:43:31 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

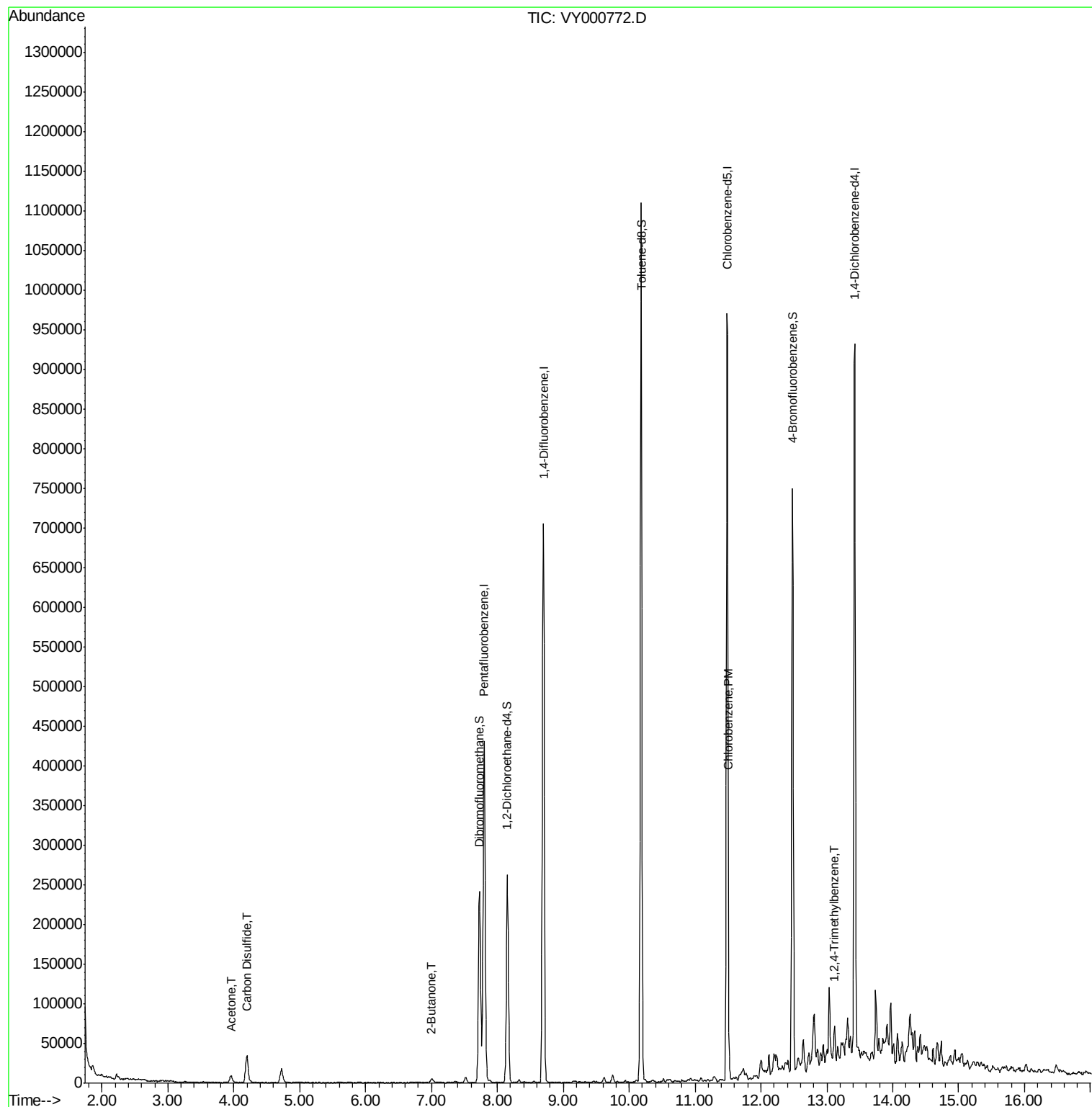
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	608521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	529189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	188262	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	7.73	113	173847	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.18	98	718025	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.48	95	236579	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	3.96	43	14555	15.478	ug/l	98
17) Carbon Disulfide	4.20	76	68853	6.629	ug/l	100
25) 2-Butanone	7.00	43	5160	3.438	ug/l	94
65) Chlorobenzene	11.51	112	15920	1.484	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.12	105	23863	1.682	ug/l	91

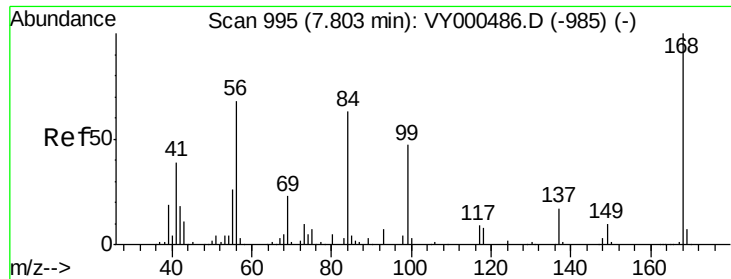
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000772.D

Acq: 21 Nov 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

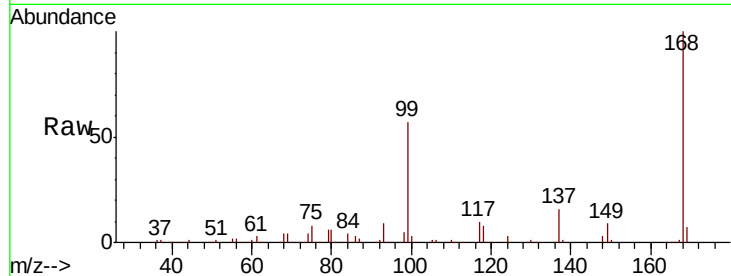
B-1-6-12

Tot Ion:168 Resp: 329705

Ion Ratio Lower Upper

168 100

99 57.0 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

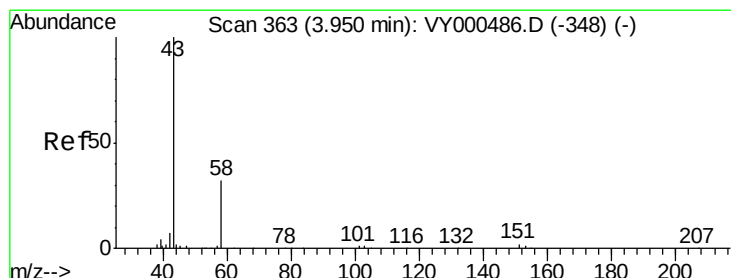
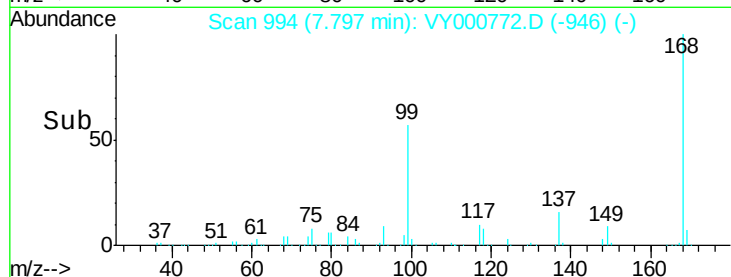
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.478 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000772.D

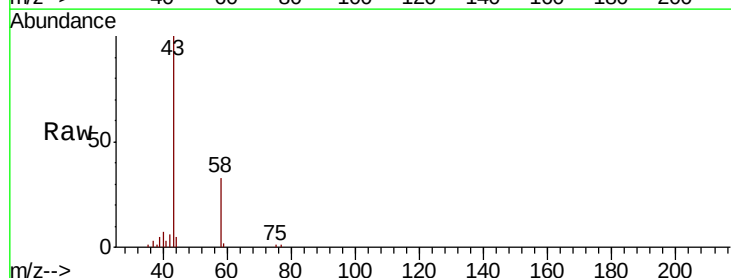
Acq: 21 Nov 2019 16:48

Tgt Ion: 43 Resp: 14555

Ion Ratio Lower Upper

43 100

58 33.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)

3.96

6000

5000

4000

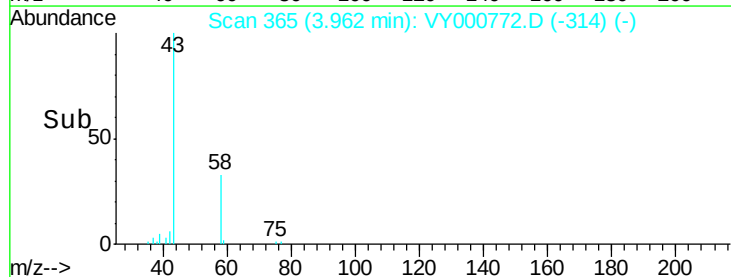
3000

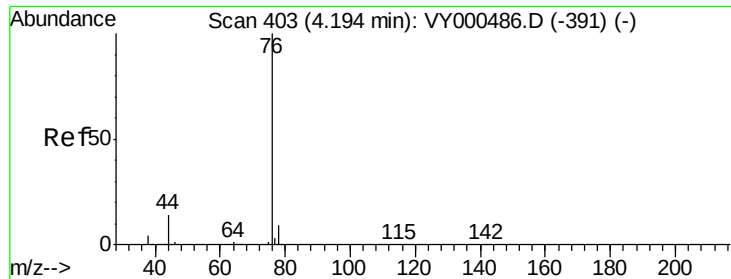
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 6.629 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000772.D

Acq: 21 Nov 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

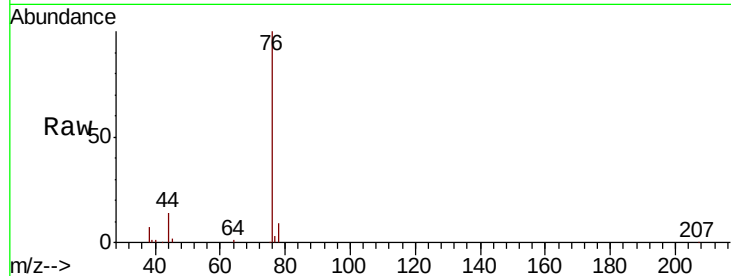
B-1-6-12

Tot Ion: 76 Resp: 68853

Ion Ratio Lower Upper

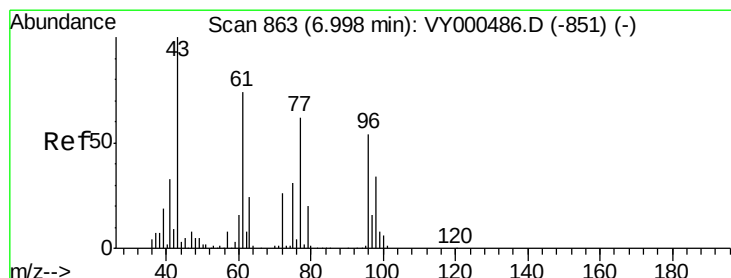
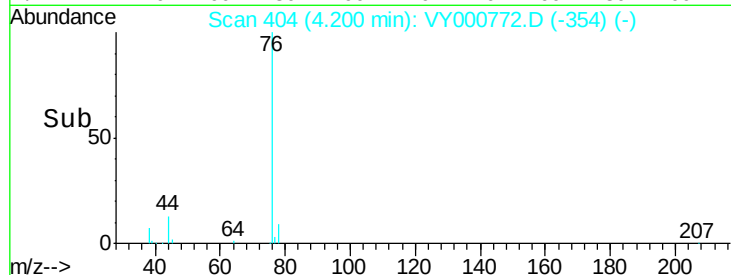
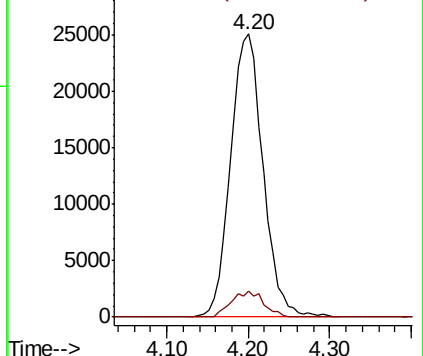
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 3.438 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000772.D

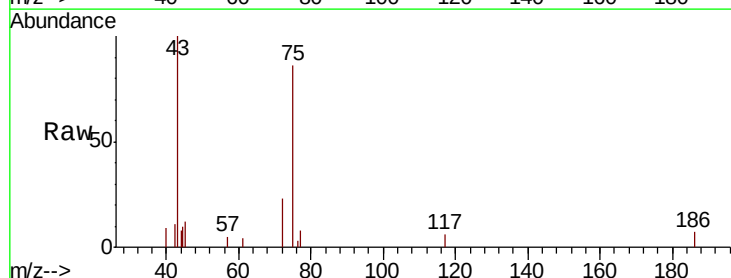
Acq: 21 Nov 2019 16:48

Tgt Ion: 43 Resp: 5160

Ion Ratio Lower Upper

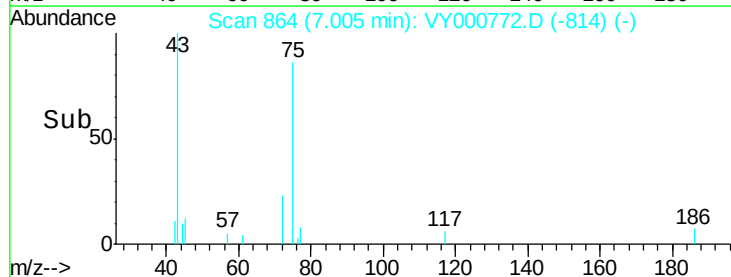
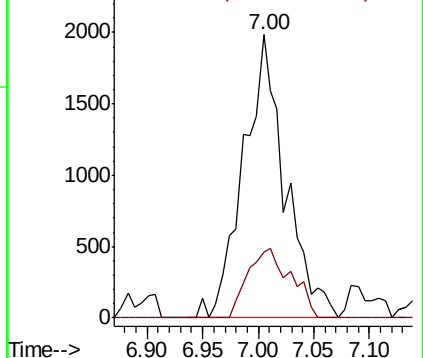
43 100

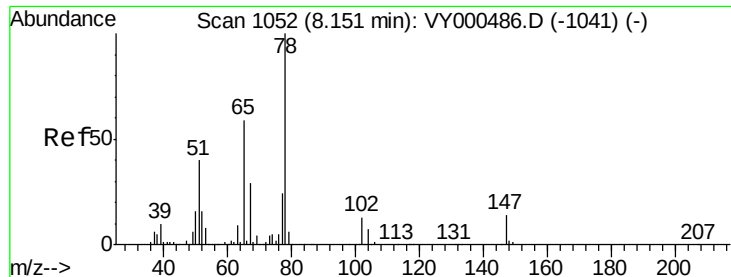
72 23.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

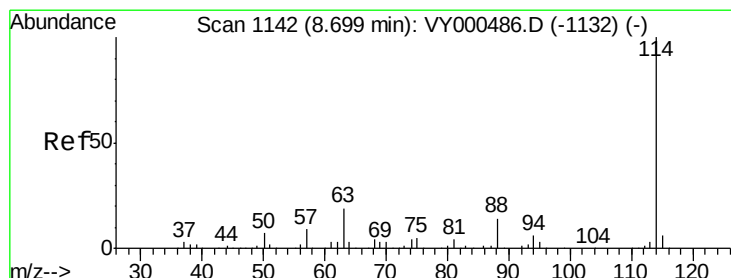
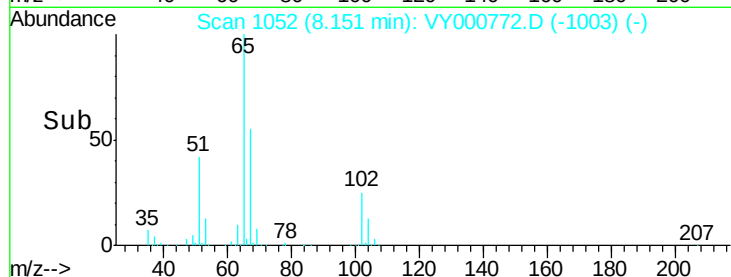
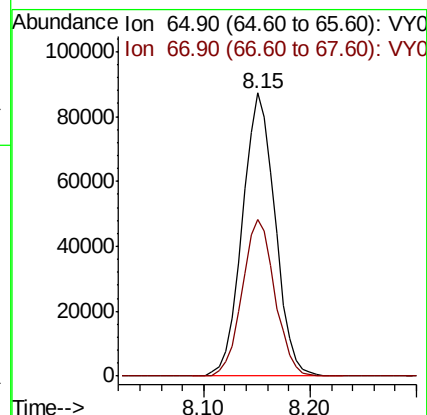
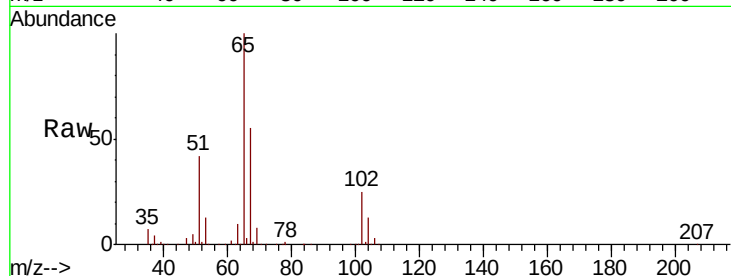




#33
 1,2-Dichloroethane-d4
 Concen: 55.176 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000772.D
 Acq: 21 Nov 2019 16:48

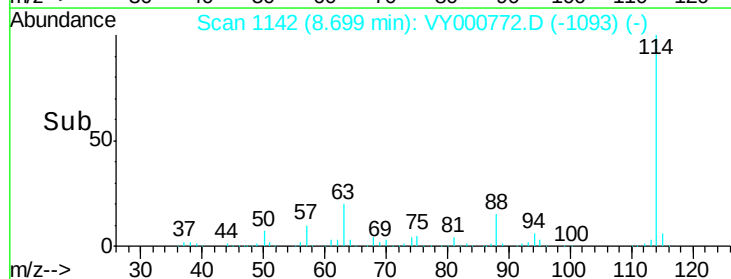
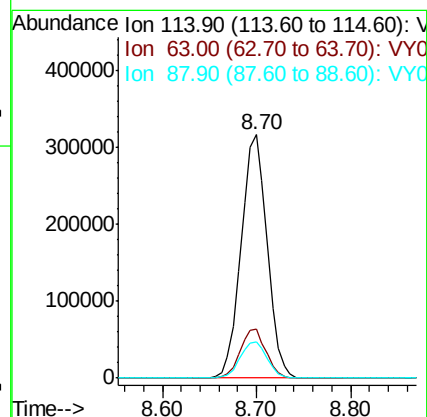
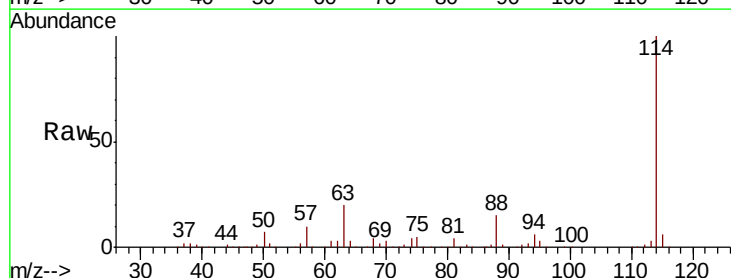
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1-6-12

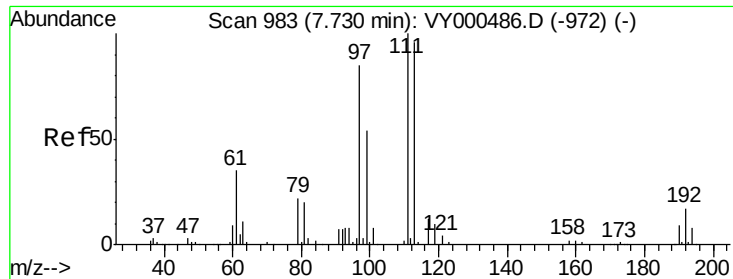
Tot Ion: 65 Resp: 188262
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000772.D
 Acq: 21 Nov 2019 16:48

Tgt Ion: 114 Resp: 608521
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.1 0.0 28.6

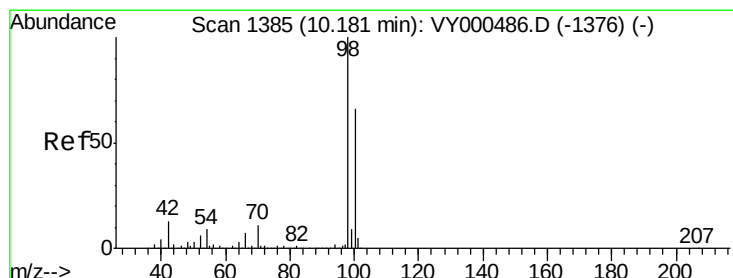
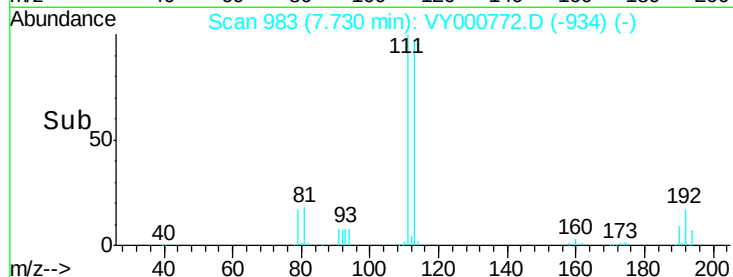
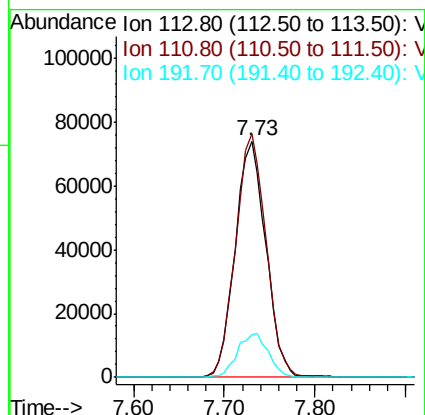
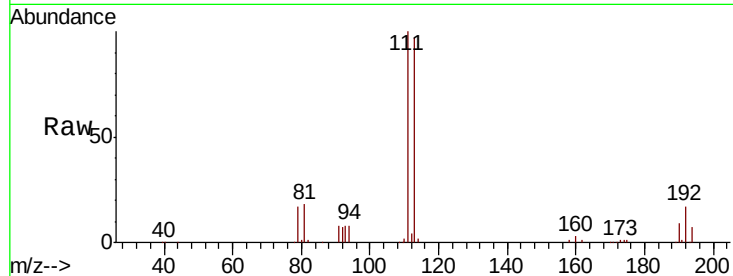




#35
 Dibromofluoromethane
 Concen: 48.664 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000772.D
 Acq: 21 Nov 2019 16:48

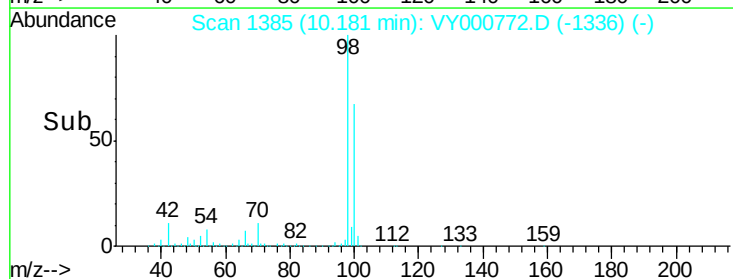
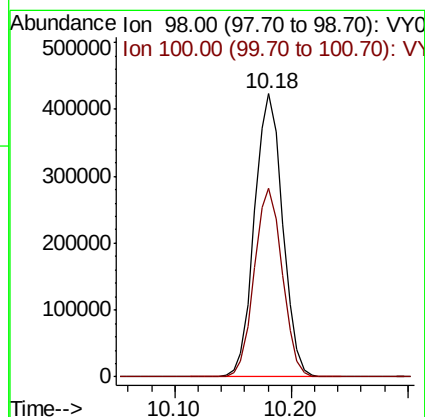
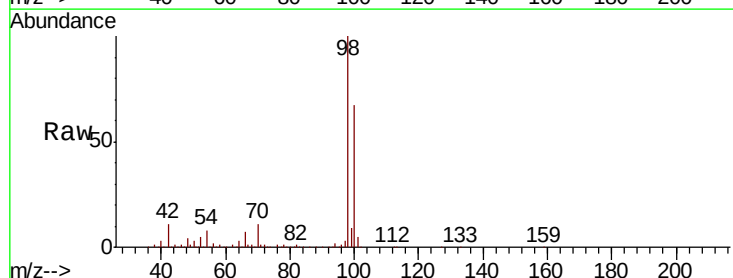
Instrument :
 MSVOA_Y
 ClientSampled :
 B-1-6-12

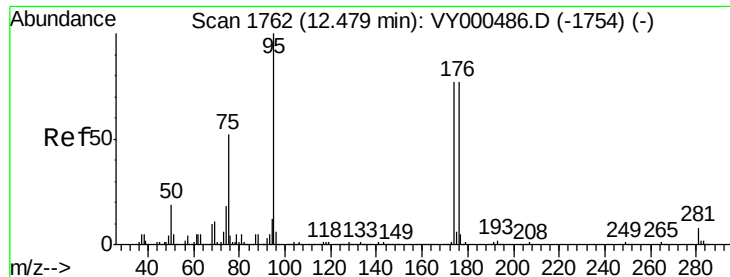
Tot Ion:113 Resp: 173847
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 18.6 15.0 22.4



#50
 Toluene-d8
 Concen: 52.970 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000772.D
 Acq: 21 Nov 2019 16:48

Tgt Ion: 98 Resp: 718025
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 45.845 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000772.D

Acq: 21 Nov 2019 16:48

Instrument :

MSVOA_Y

ClientSampled :

B-1-6-12

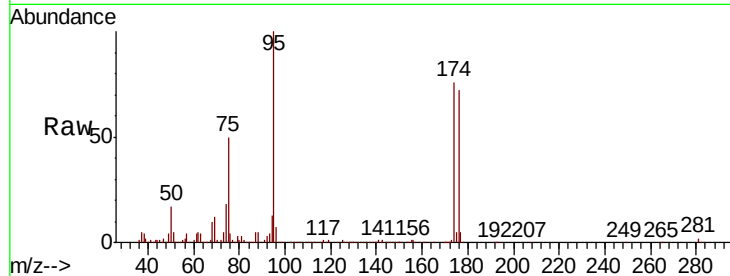
Tot Ion: 95 Resp: 236579

Ion Ratio Lower Upper

95 100

174 76.3 0.0 161.6

176 72.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

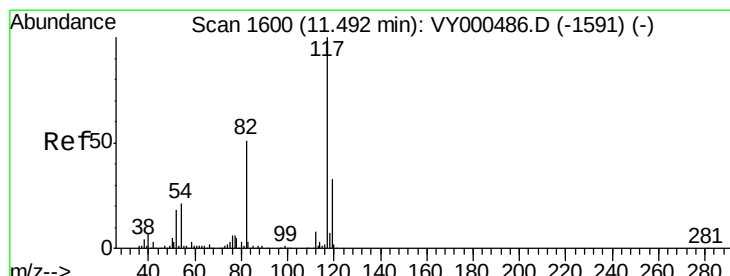
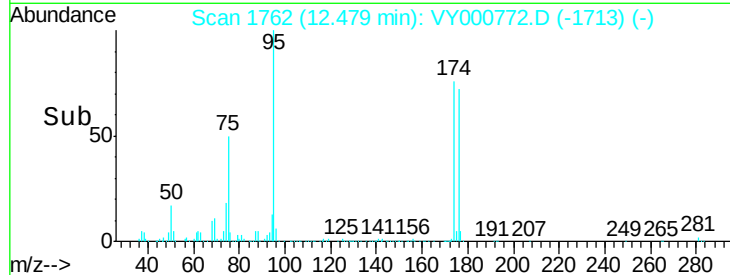
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

12.45 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY000772.D

Acq: 21 Nov 2019 16:48

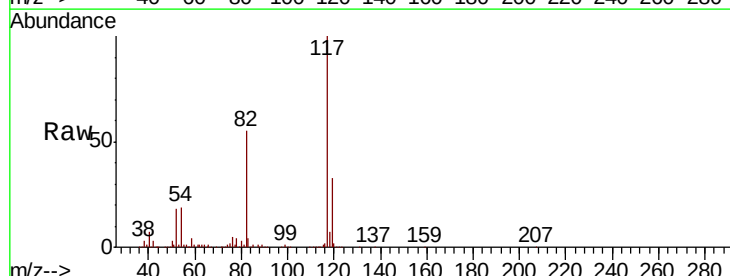
Tgt Ion: 117 Resp: 529189

Ion Ratio Lower Upper

117 100

82 54.8 40.8 61.2

119 32.9 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VY0

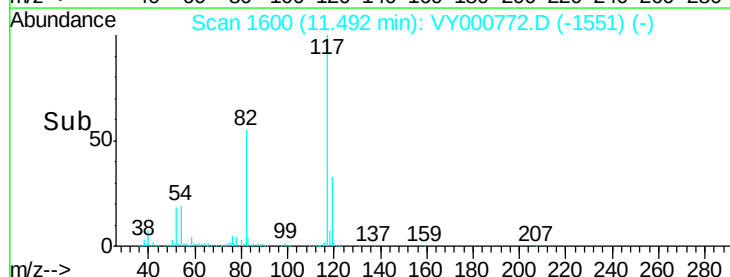
Ion 82.00 (81.70 to 82.70): VY0

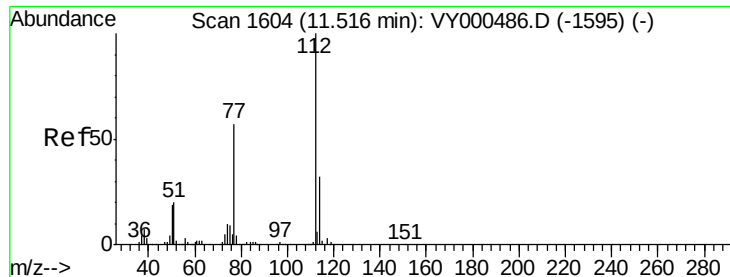
Ion 118.90 (118.60 to 119.60): VY0

11.49

11.40 11.50

Time-->

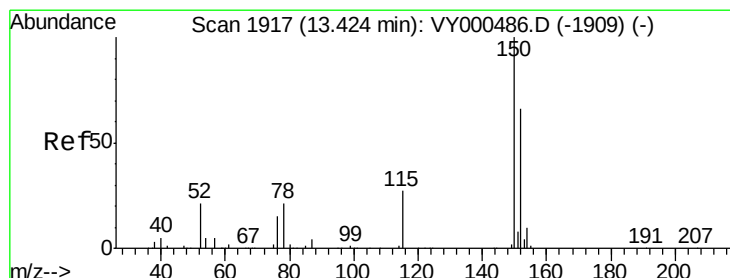
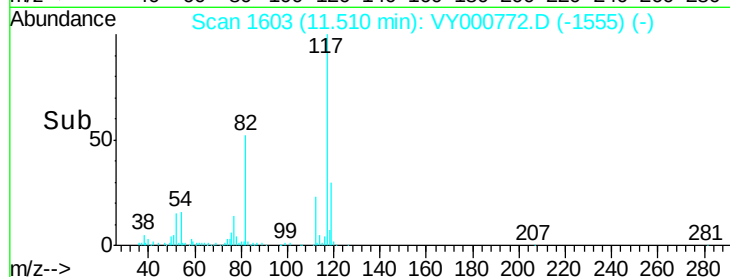
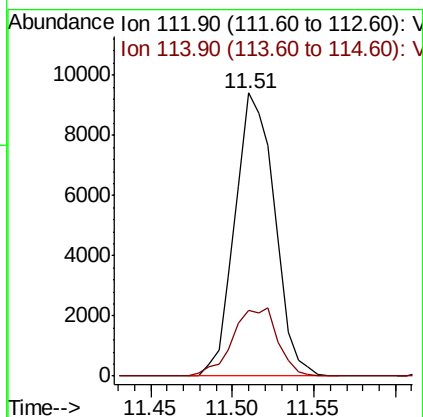
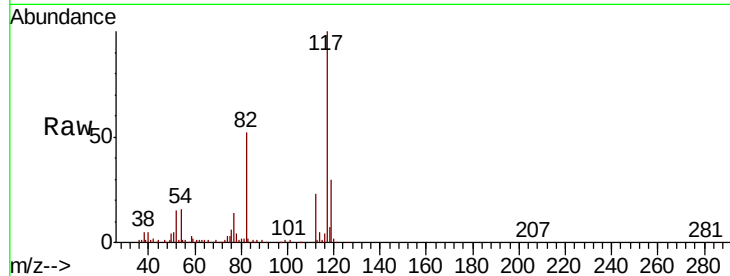




#65
Chlorobenzene
Concen: 1.484 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

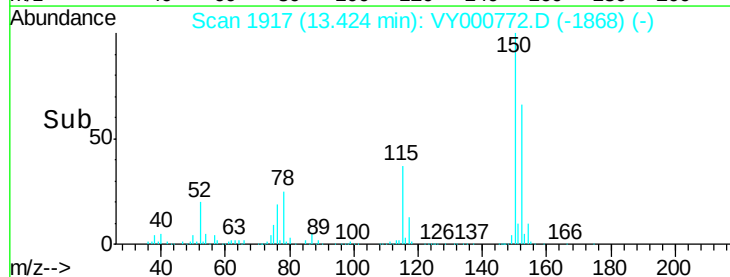
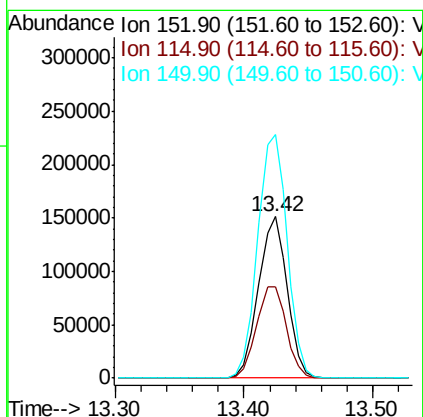
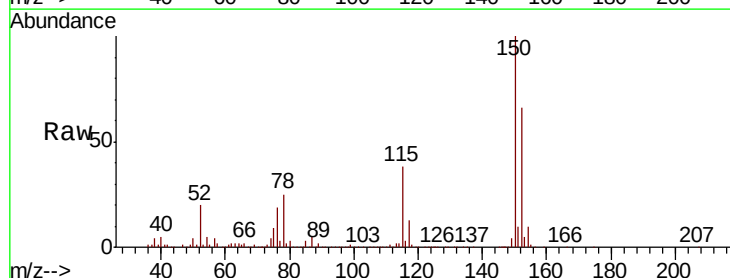
Instrument :
MSVOA_Y
ClientSampled :
B-1-6-12

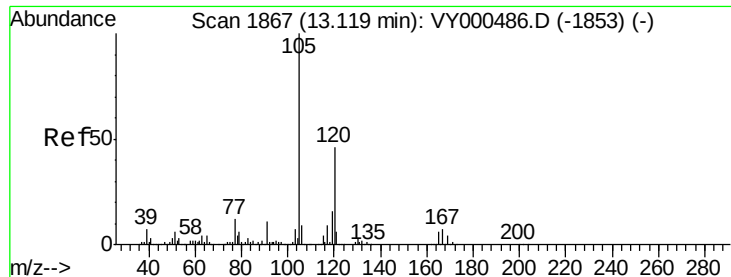
Tot Ion:112 Resp: 15920
Ion Ratio Lower Upper
112 100
114 23.1 25.3 37.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000772.D
Acq: 21 Nov 2019 16:48

Tgt Ion:152 Resp: 231499
Ion Ratio Lower Upper
152 100
115 59.4 29.1 87.4
150 155.5 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 1.682 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000772.D

Acq: 21 Nov 2019 16:48

Instrument :

MSVOA_Y

ClientSampleId :

B-1-6-12

Tot Ion:105 Resp: 23863

Ion Ratio Lower Upper

105 100

120 40.9 23.3 69.9

