

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000697.D
 Acq On : 15 Nov 2019 13:45
 Operator : SY/MD
 Sample : K5861-05
 Misc : 6.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

Quant Time: Nov 16 03:01:47 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

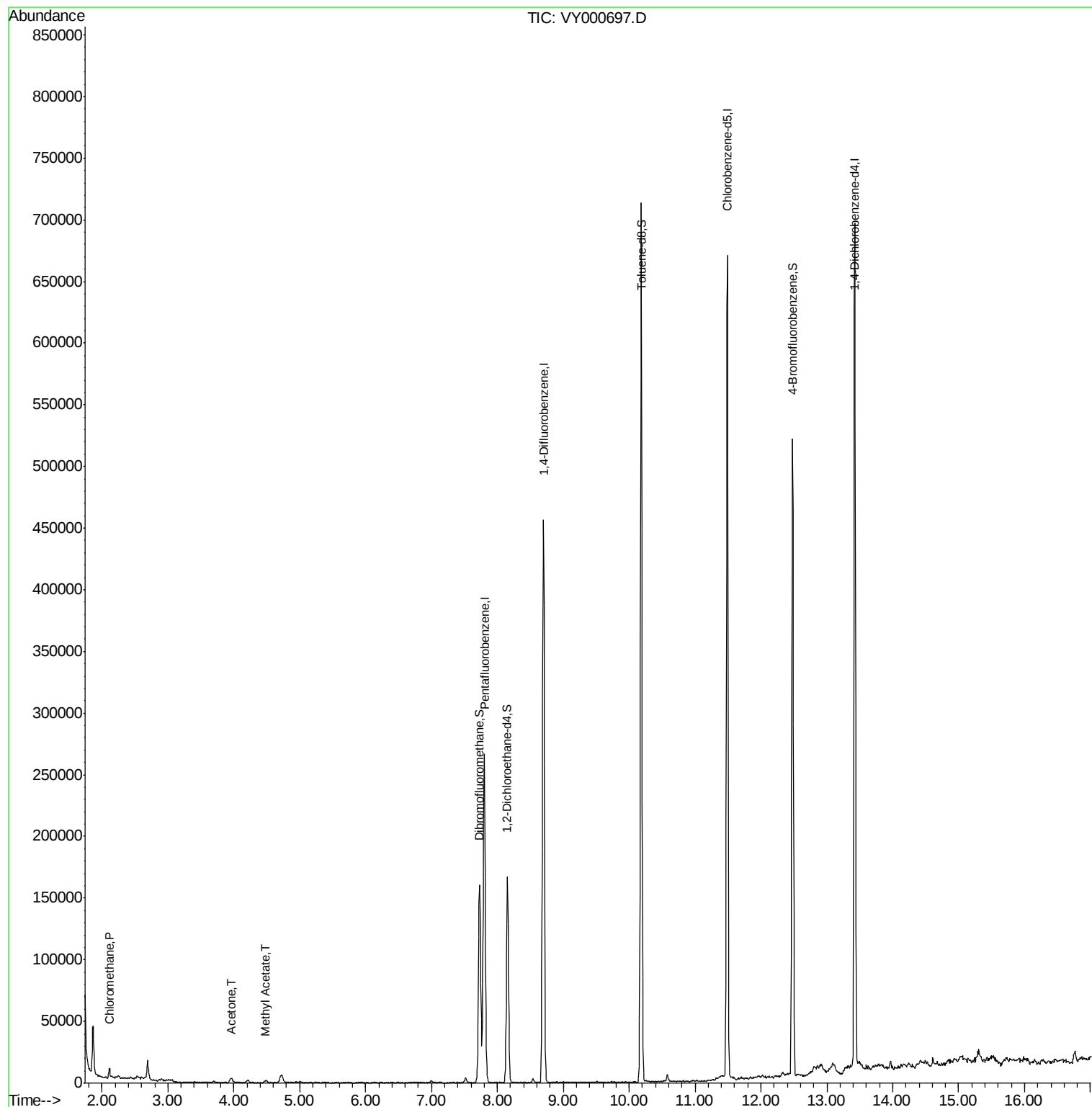
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	376302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	344656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127014	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.30%	
35) Dibromofluoromethane	7.74	113	111182	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.18	98	444777	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.48	95	156450	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
Target Compounds						
3) Chloromethane	2.11	50	6885	2.530	ug/l	90
16) Acetone	3.96	43	7287	12.729	ug/l	95
18) Methyl Acetate	4.49	43	3637	2.043	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
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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: VY000697.D

Acq: 15 Nov 2019 13:45

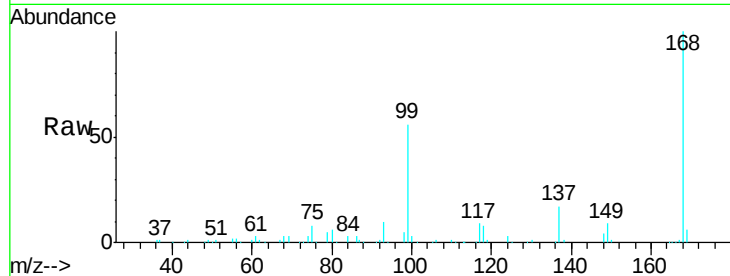
Instrument :
MSVOA_Y
ClientSampled :
EP-5

Tgt Ion:168 Resp: 200706

Ion Ratio Lower Upper

168 100

99 56.4 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

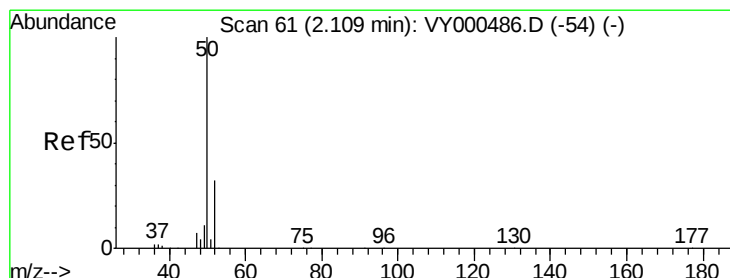
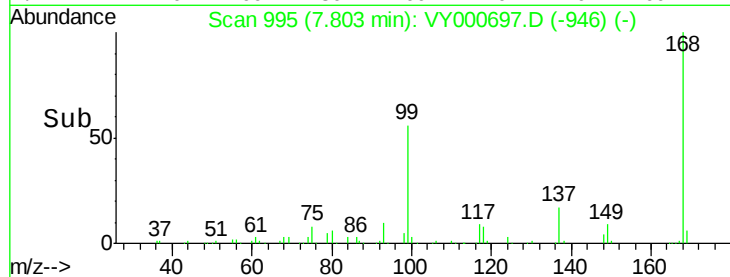
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.530 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000697.D

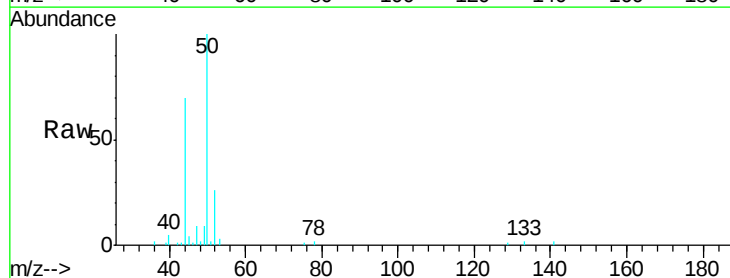
Acq: 15 Nov 2019 13:45

Tgt Ion: 50 Resp: 6885

Ion Ratio Lower Upper

50 100

52 25.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)

Ion 51.90 (51.60 to 52.60): VY000486.D (-54) (-)

2.11

5000

4000

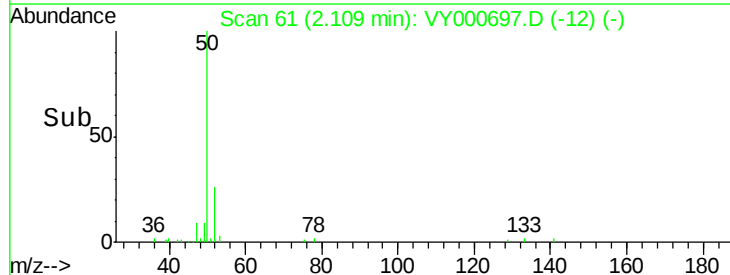
3000

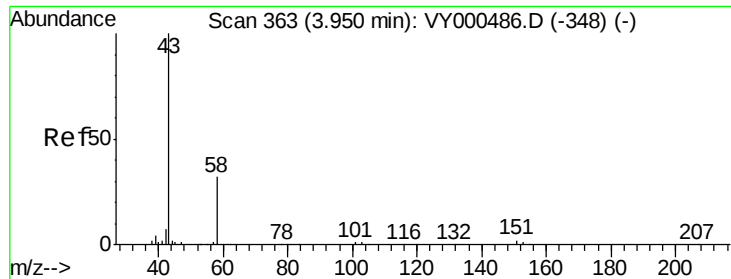
2000

1000

0

Time-->





#16

Acetone

Concen: 12.729 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000697.D

Acq: 15 Nov 2019 13:45

Instrument :

MSVOA_Y

ClientSampleId :

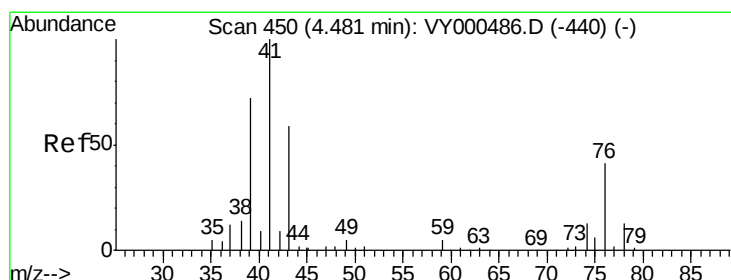
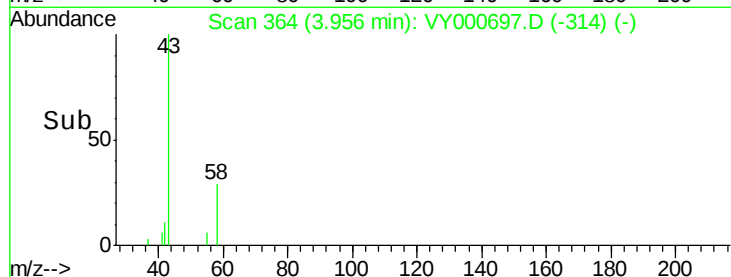
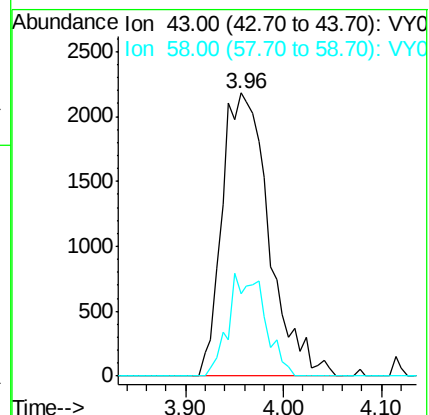
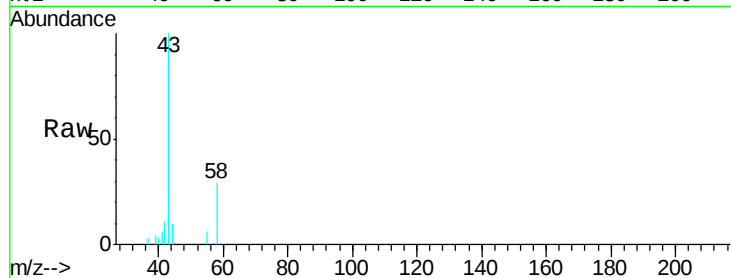
EP-5

Tgt Ion: 43 Resp: 7287

Ion Ratio Lower Upper

43 100

58 29.4 25.8 38.6



#18

Methyl Acetate

Concen: 2.043 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000697.D

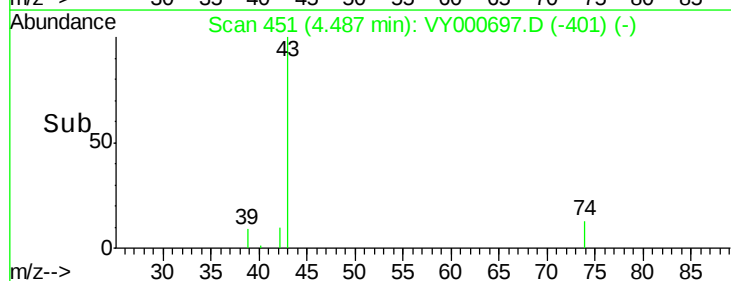
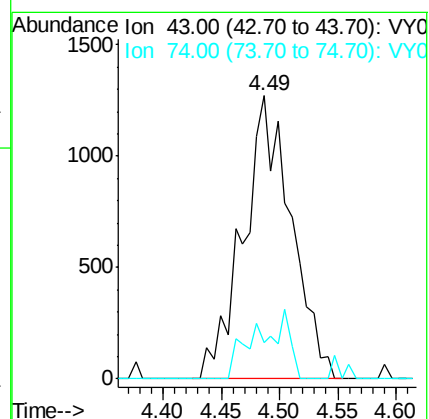
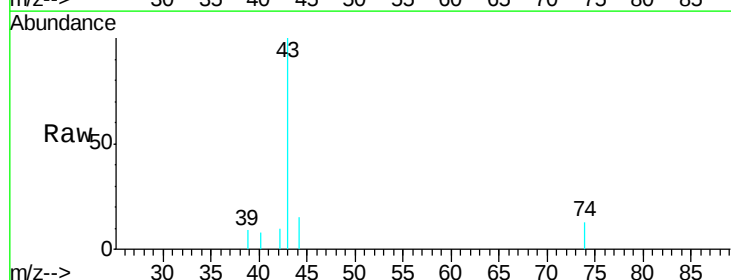
Acq: 15 Nov 2019 13:45

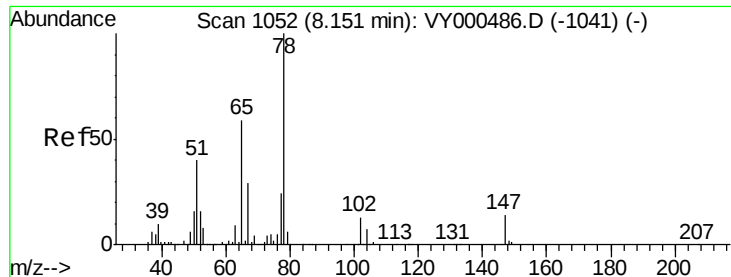
Tgt Ion: 43 Resp: 3637

Ion Ratio Lower Upper

43 100

74 8.9 19.2 28.8#

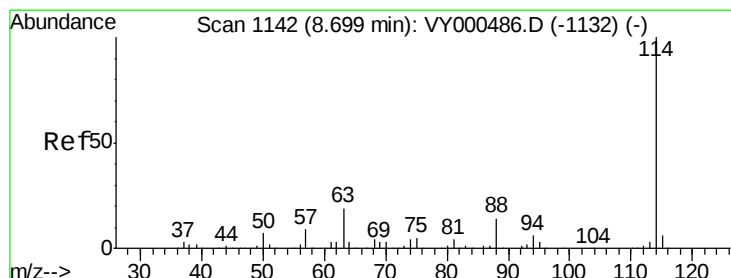
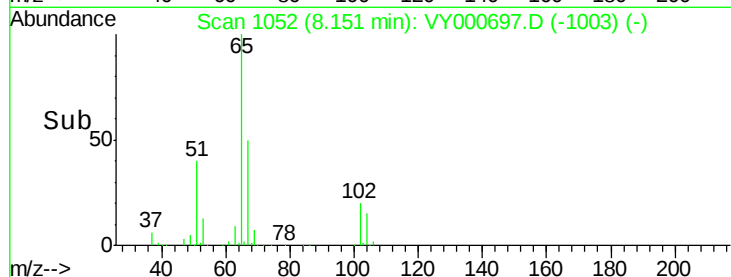
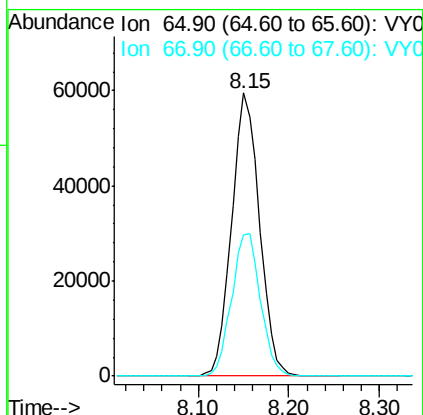
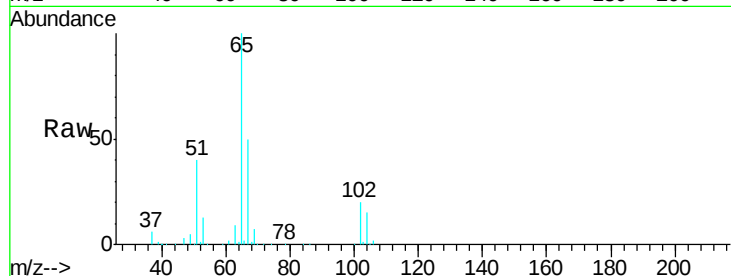




#33
 1,2-Dichloroethane-d4
 Concen: 61.151 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000697.D
 Acq: 15 Nov 2019 13:45

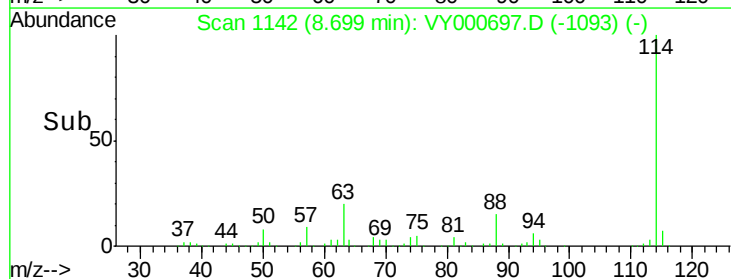
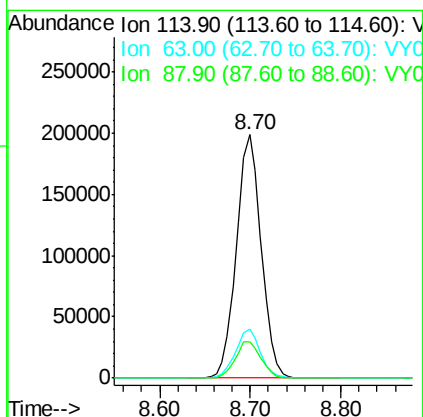
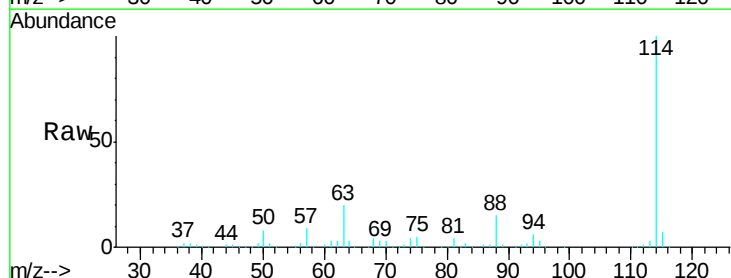
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

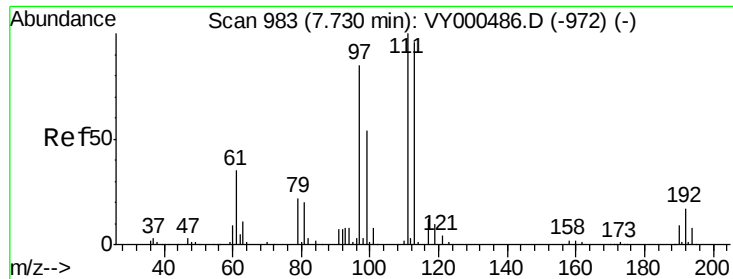
Tgt Ion: 65 Resp: 127014
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000697.D
 Acq: 15 Nov 2019 13:45

Tgt Ion: 114 Resp: 376302
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 14.7 0.0 28.6

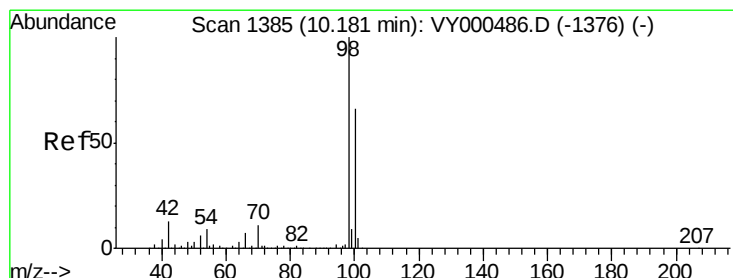
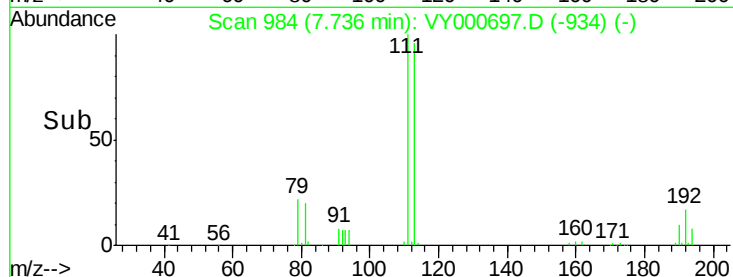
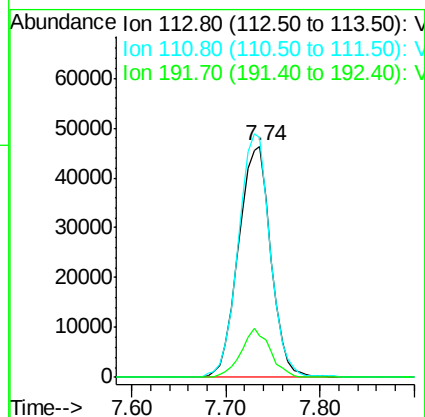
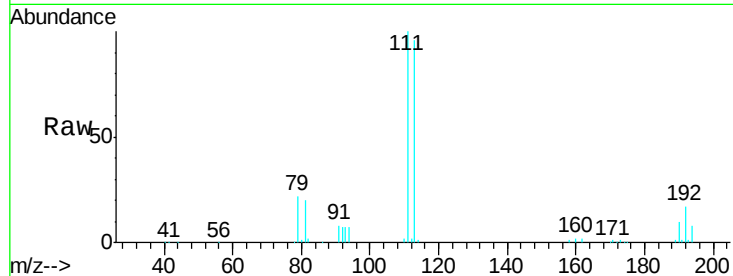




#35
 Dibromofluoromethane
 Concen: 50.328 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000697.D
 Acq: 15 Nov 2019 13:45

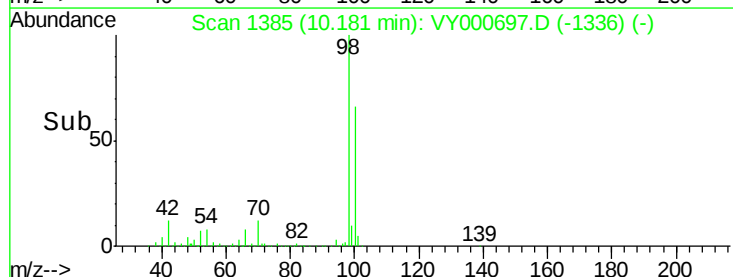
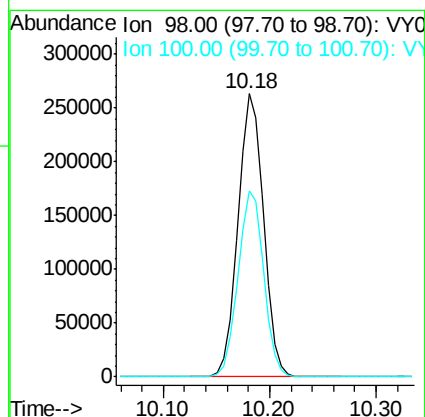
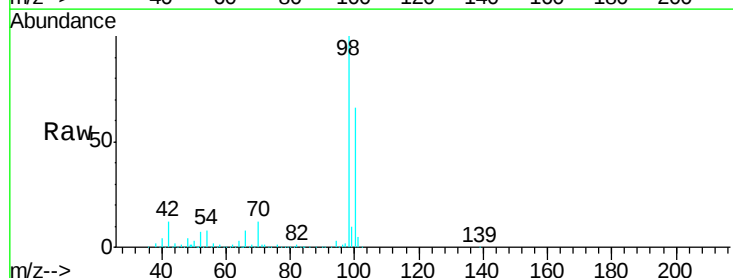
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

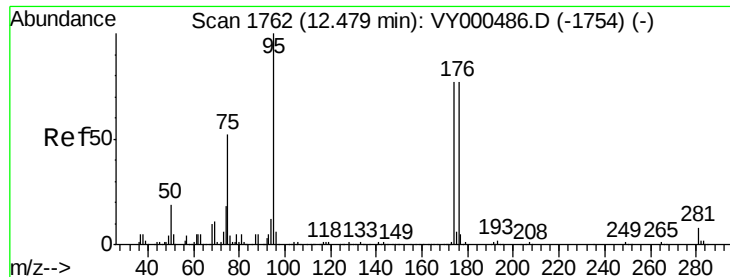
Tgt Ion:113 Resp: 111182
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 19.3 15.0 22.4



#50
 Toluene-d8
 Concen: 53.060 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000697.D
 Acq: 15 Nov 2019 13:45

Tgt Ion: 98 Resp: 444777
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 49.026 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000697.D

Acq: 15 Nov 2019 13:45

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

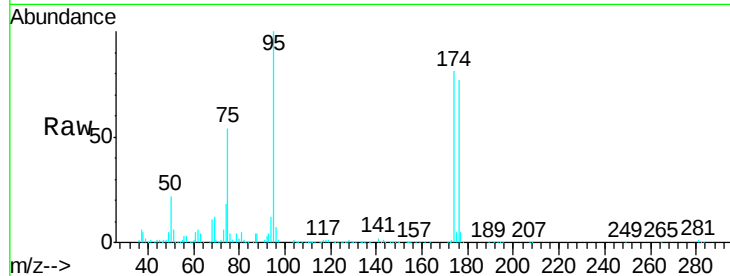
Tgt Ion: 95 Resp: 156450

Ion Ratio Lower Upper

95 100

174 79.4 0.0 161.6

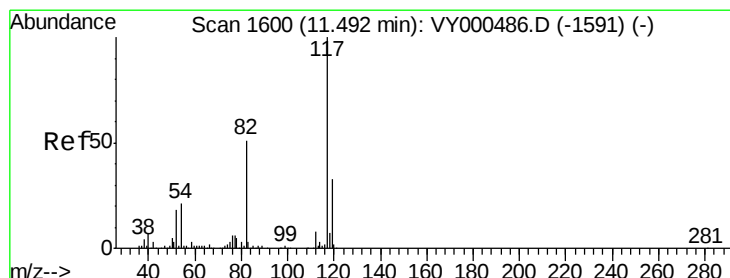
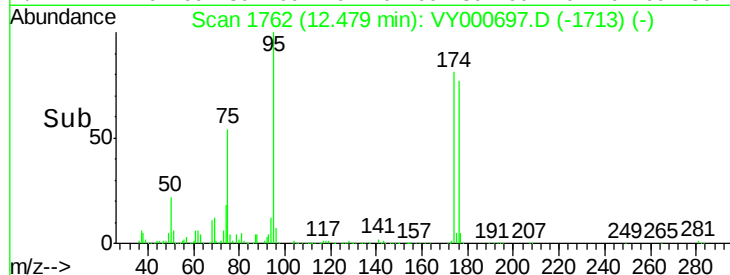
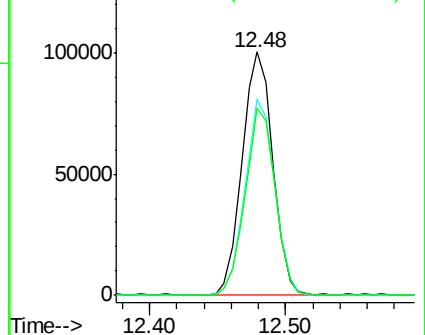
176 76.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000486.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000486.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000697.D

Acq: 15 Nov 2019 13:45

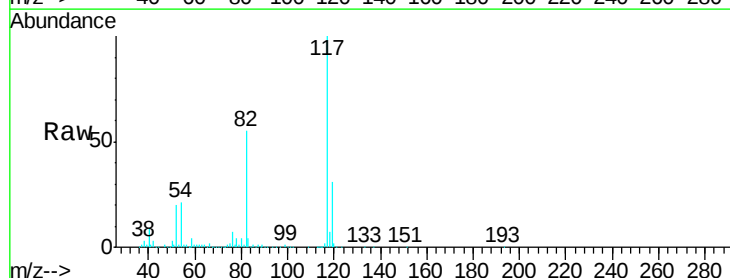
Tgt Ion: 117 Resp: 344656

Ion Ratio Lower Upper

117 100

82 55.4 40.8 61.2

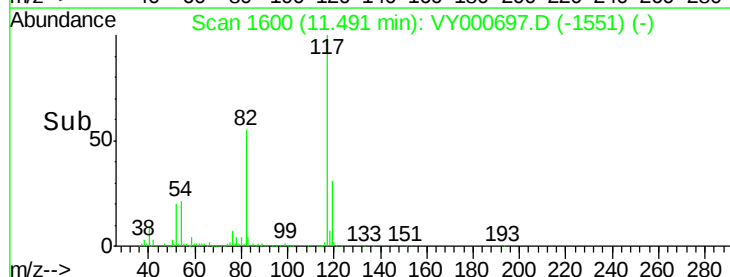
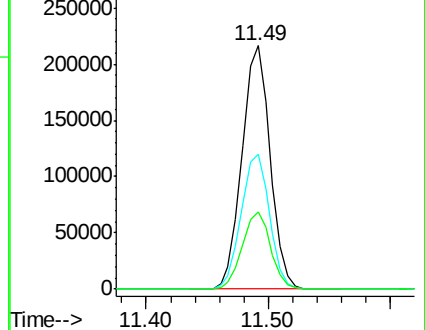
119 31.5 26.2 39.2

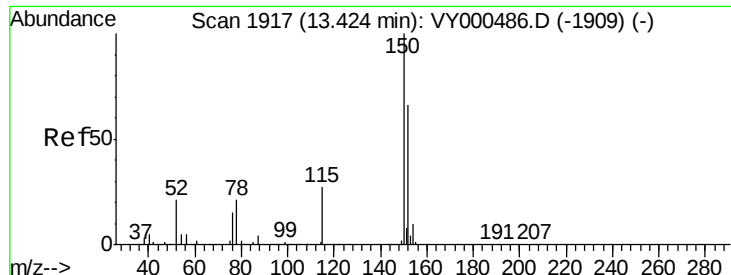


Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY000486.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000486.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000697.D

Acq: 15 Nov 2019 13:45

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

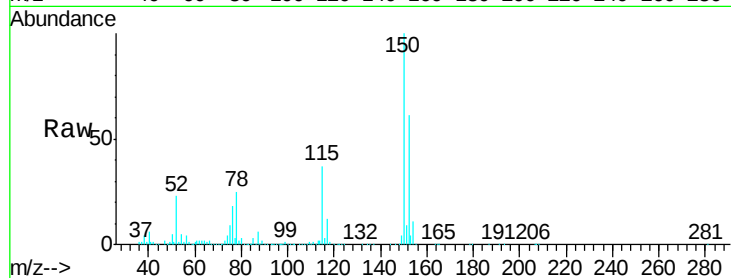
Tgt Ion:152 Resp: 162360

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.4

150 156.0 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

