

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000602.D
 Acq On : 08 Nov 2019 00:15
 Operator : SY/MD
 Sample : K5722-06
 Misc : 6.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-B

Quant Time: Nov 08 10:04:44 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

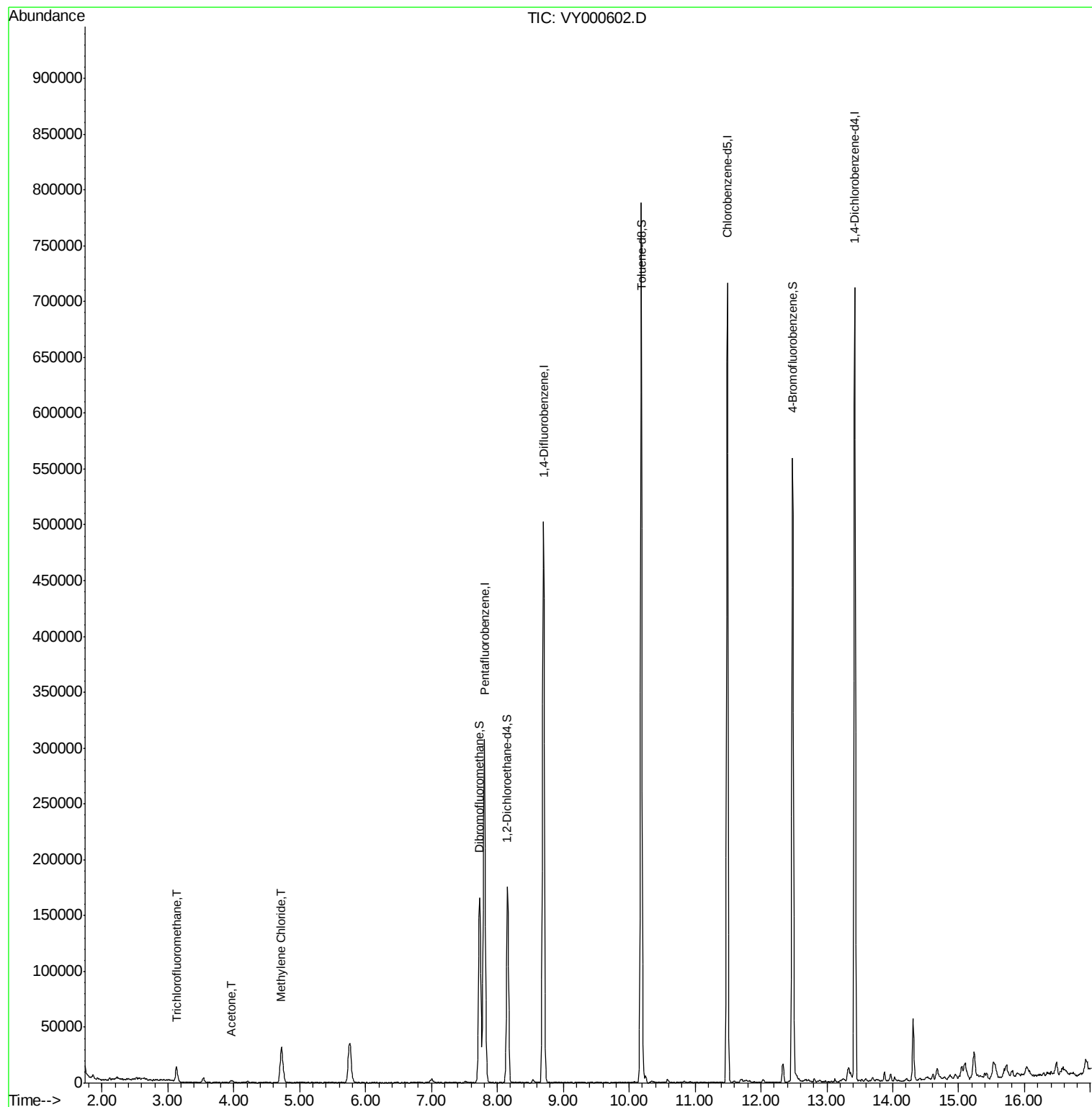
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	418314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	140184	57.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.60%	
35) Dibromofluoromethane	7.74	113	116980	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.18	98	485141	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.48	95	165771	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	12299	3.086	ug/l	92
16) Acetone	3.96	43	3684	5.511	ug/l	92
20) Methylene Chloride	4.72	84	22894	7.993	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

Instrument :

MSVOA_Y

ClientSampleId :

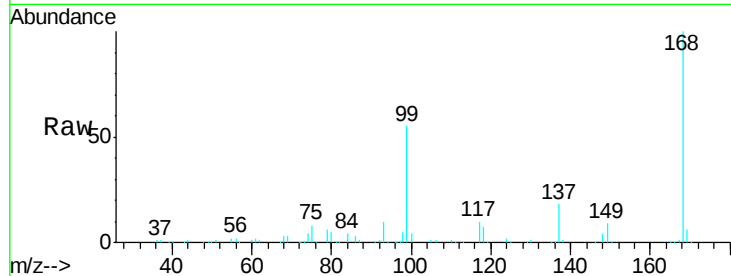
5-B

Tgt Ion:168 Resp: 234357

Ion Ratio Lower Upper

168 100

99 55.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

120000

100000

80000

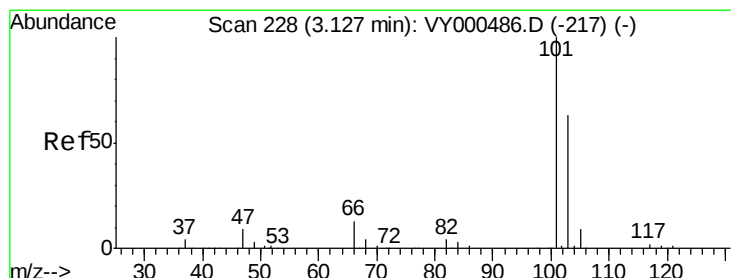
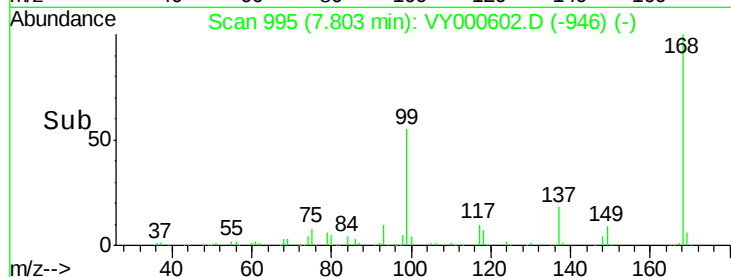
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 3.086 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000602.D

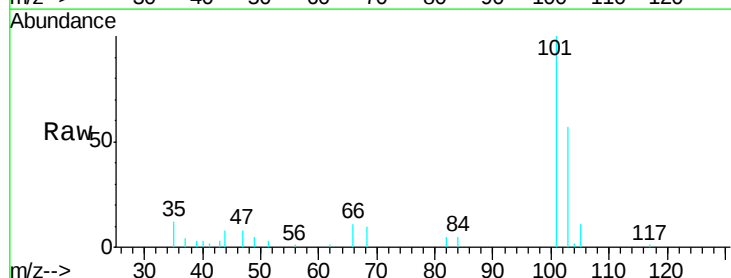
Acq: 08 Nov 2019 00:15

Tgt Ion:101 Resp: 12299

Ion Ratio Lower Upper

101 100

103 56.8 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

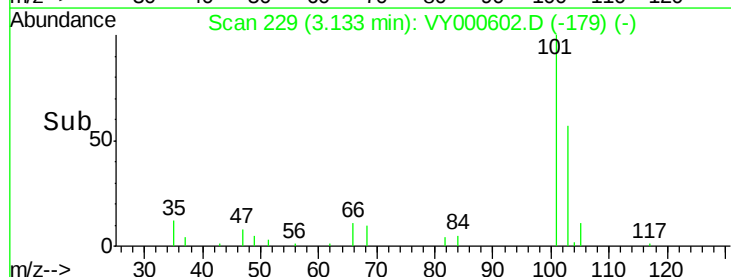
6000

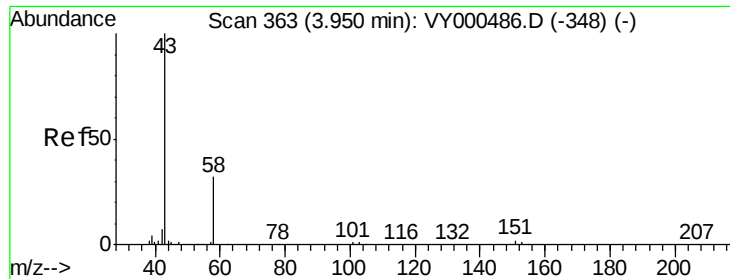
4000

2000

0

Time-->





#16

Acetone

Concen: 5.511 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

Instrument :

MSVOA_Y

ClientSampleId :

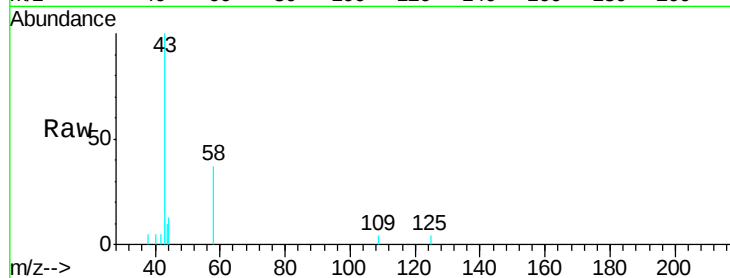
5-B

Tgt Ion: 43 Resp: 3684

Ion Ratio Lower Upper

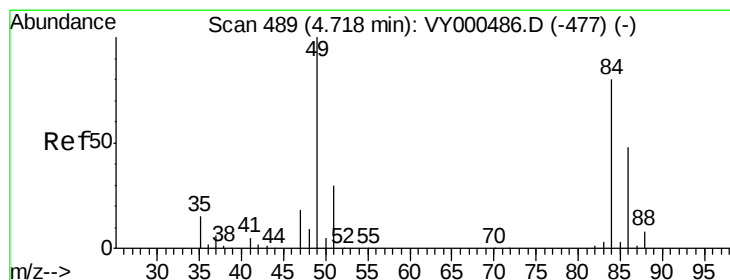
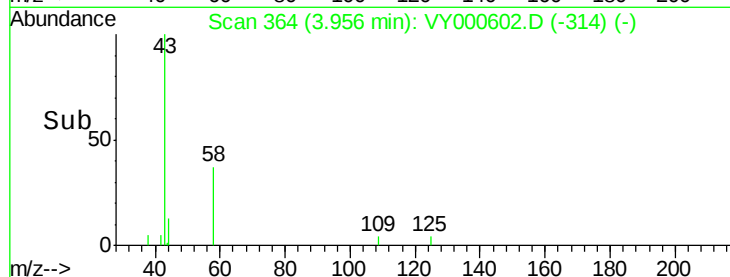
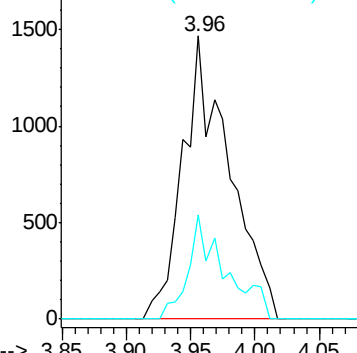
43 100

58 36.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 7.993 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.00 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

Tgt Ion: 84 Resp: 22894

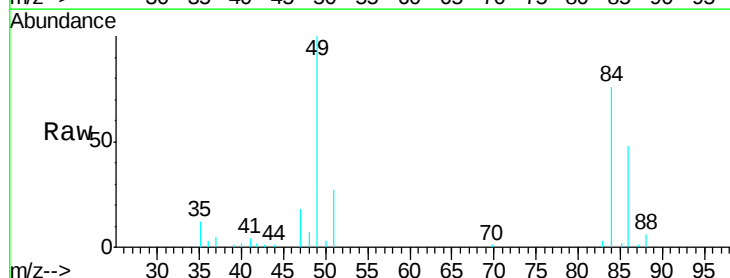
Ion Ratio Lower Upper

84 100

49 130.7 100.2 150.4

51 35.4 29.6 44.4

86 63.7 48.3 72.5

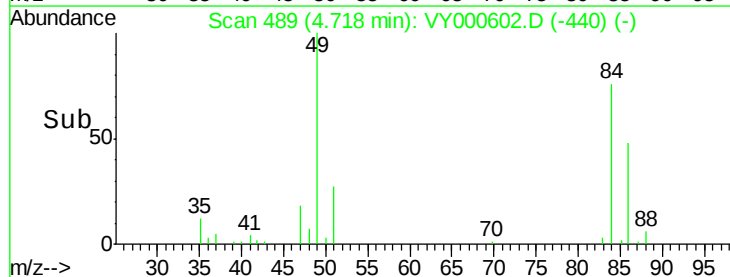
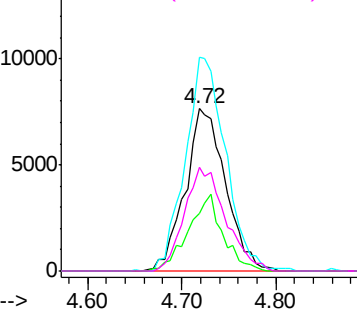


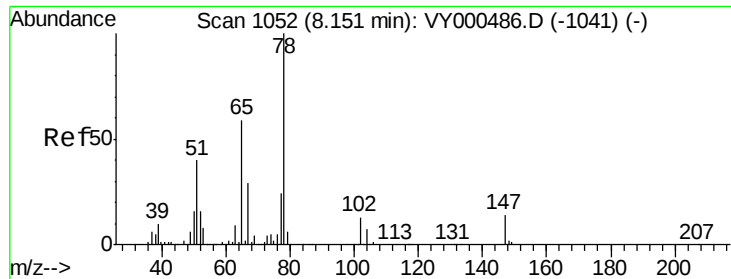
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 57.801 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

Instrument :

MSVOA_Y

ClientSampleId :

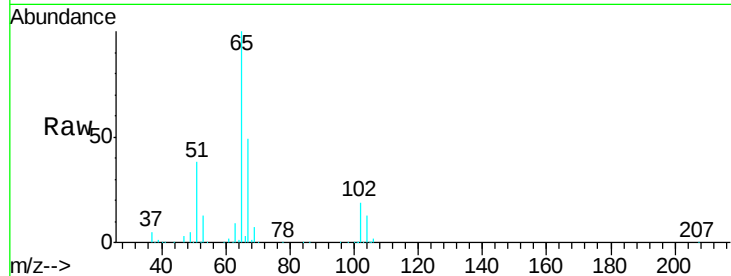
5-B

Tgt Ion: 65 Resp: 140184

Ion Ratio Lower Upper

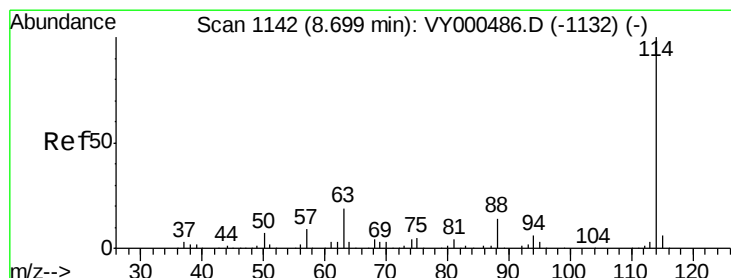
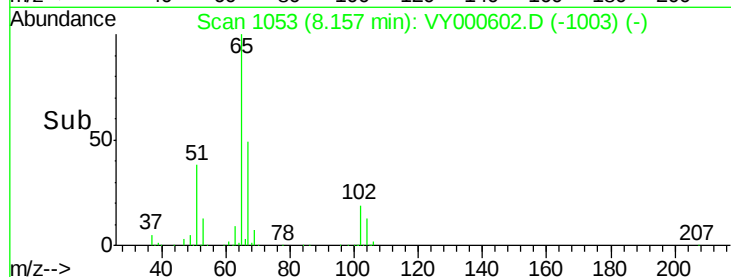
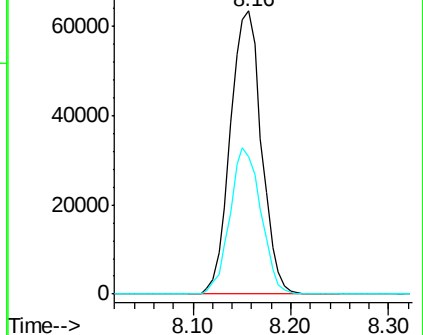
65 100

67 51.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

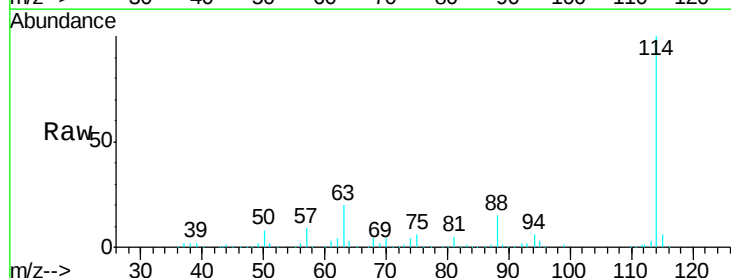
Tgt Ion: 114 Resp: 418314

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

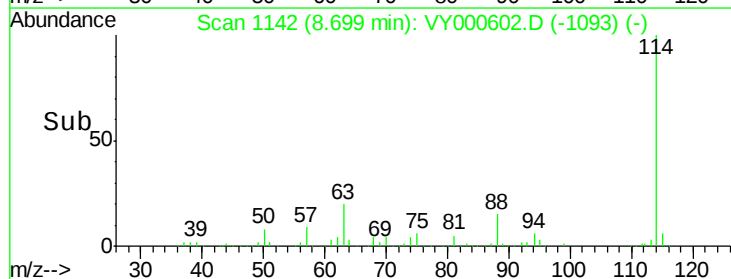
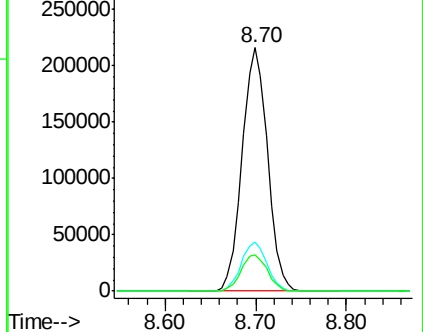
88 15.0 0.0 28.6

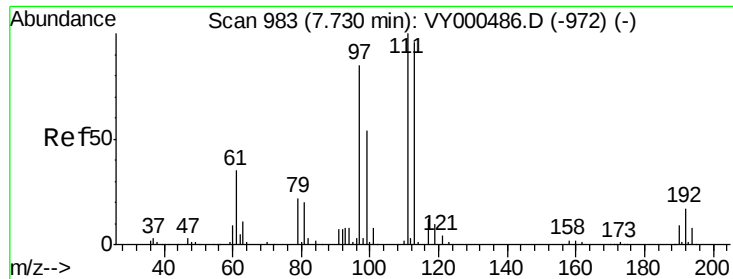


Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY000486.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY000486.D (-1132) (-)





#35

Dibromofluoromethane

Concen: 47.635 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

Instrument :

MSVOA_Y

ClientSampleId :

5-B

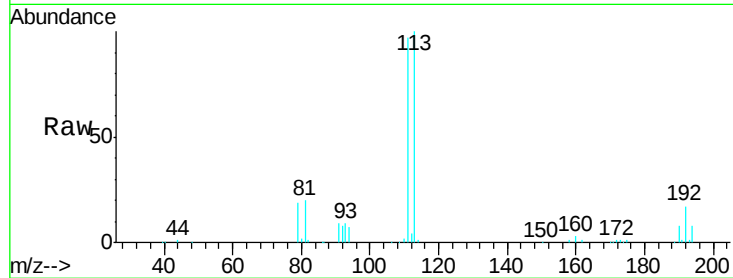
Tgt Ion:113 Resp: 116980

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

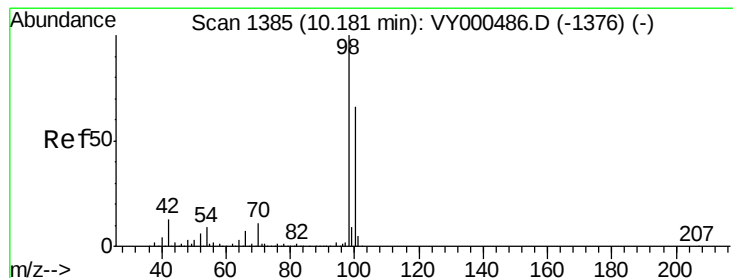
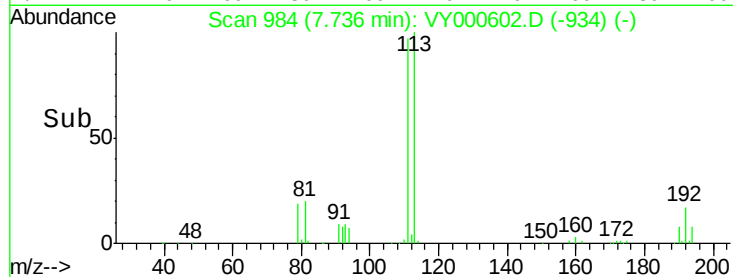
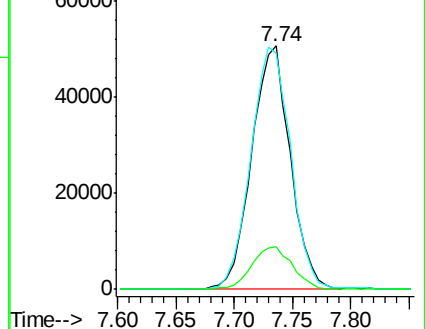
192 18.5 15.0 22.4



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: 52.063 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000602.D

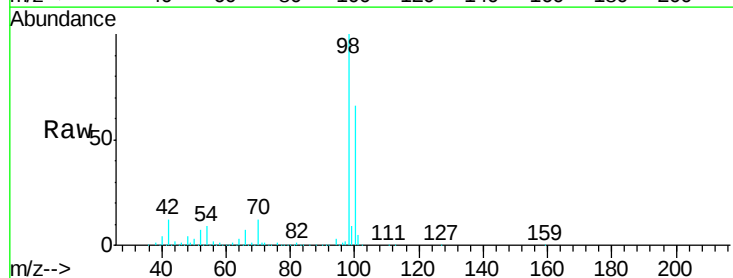
Acq: 08 Nov 2019 00:15

Tgt Ion: 98 Resp: 485141

Ion Ratio Lower Upper

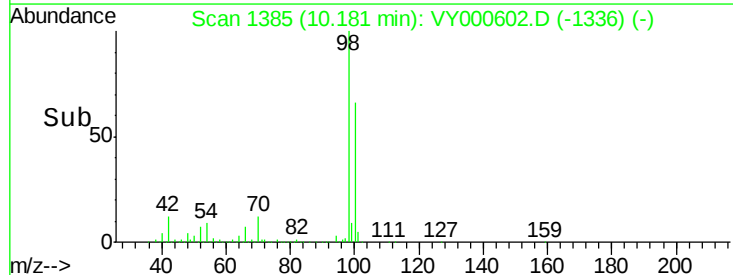
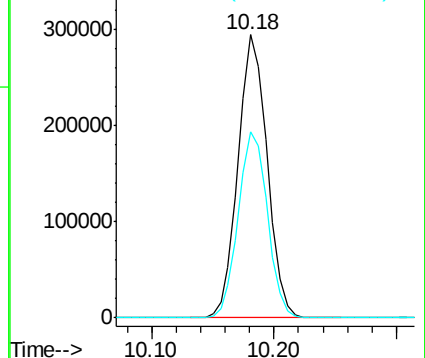
98 100

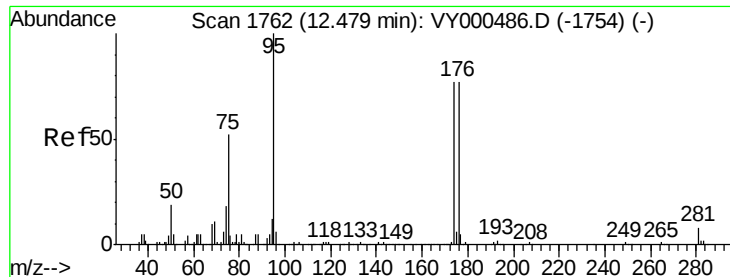
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.730 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000602.D

Acq: 08 Nov 2019 00:15

Instrument :

MSVOA_Y

ClientSampled :

5-B

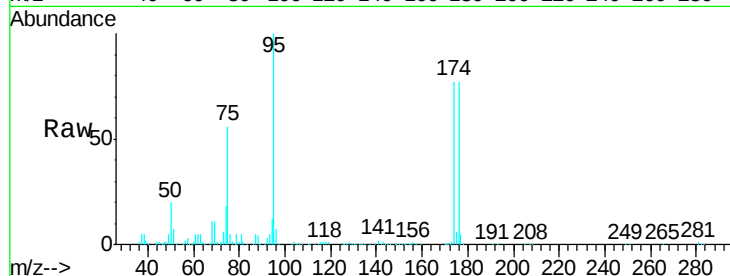
Tgt Ion: 95 Resp: 165771

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.6

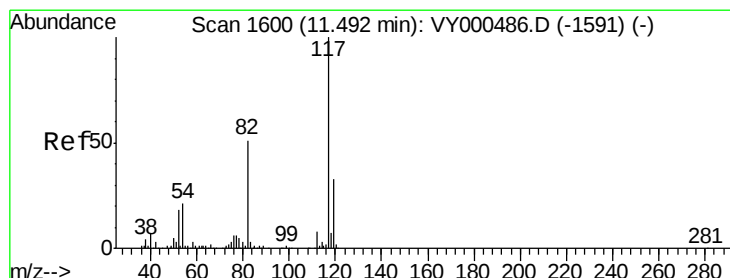
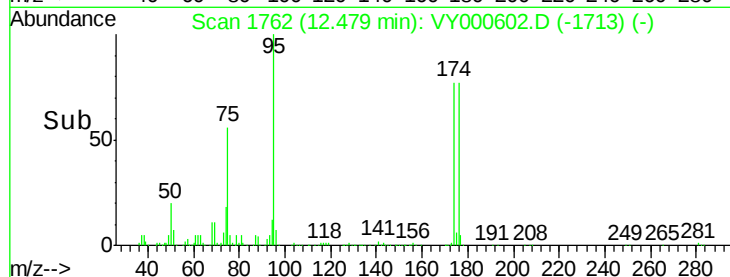
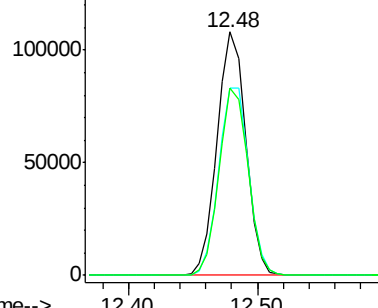
176 77.7 0.0 157.8



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: VY000602.D

Acq: 08 Nov 2019 00:15

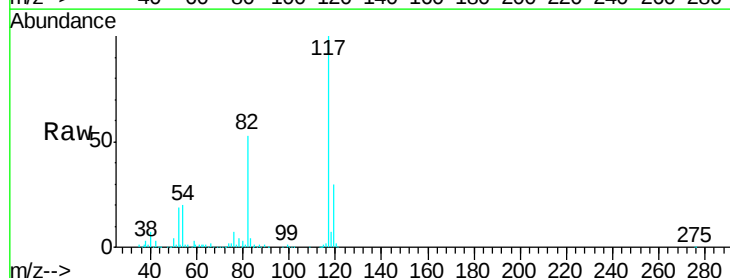
Tgt Ion: 117 Resp: 375722

Ion Ratio Lower Upper

117 100

82 53.4 40.8 61.2

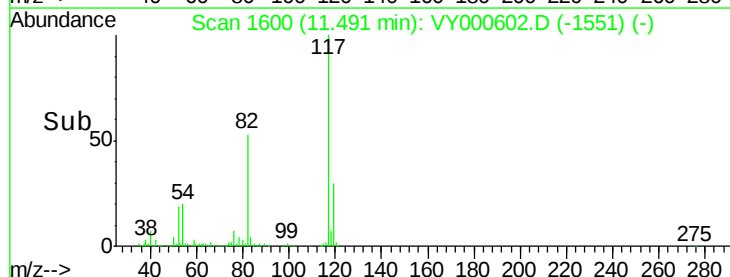
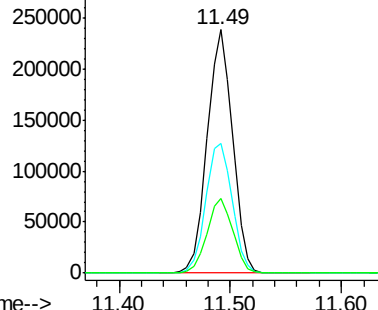
119 30.4 26.2 39.2

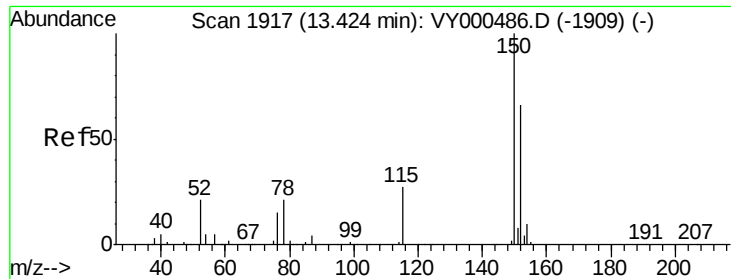


Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

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: VY000602.D

Acq: 08 Nov 2019 00:15

Instrument :

MSVOA_Y

ClientSampleId :

5-B

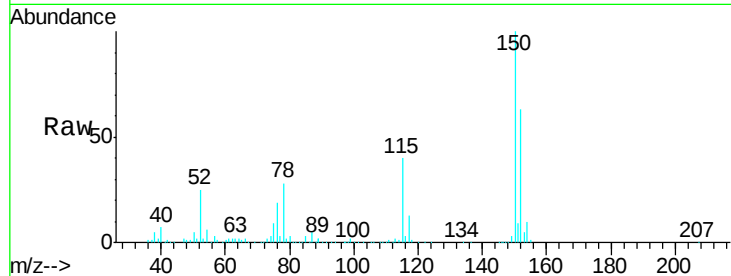
Tgt Ion:152 Resp: 164231

Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.4

150 158.7 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

