

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000603.D
 Acq On : 08 Nov 2019 00:37
 Operator : SY/MD
 Sample : K5722-07
 Misc : 7.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-C

Quant Time: Nov 08 10:06:12 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

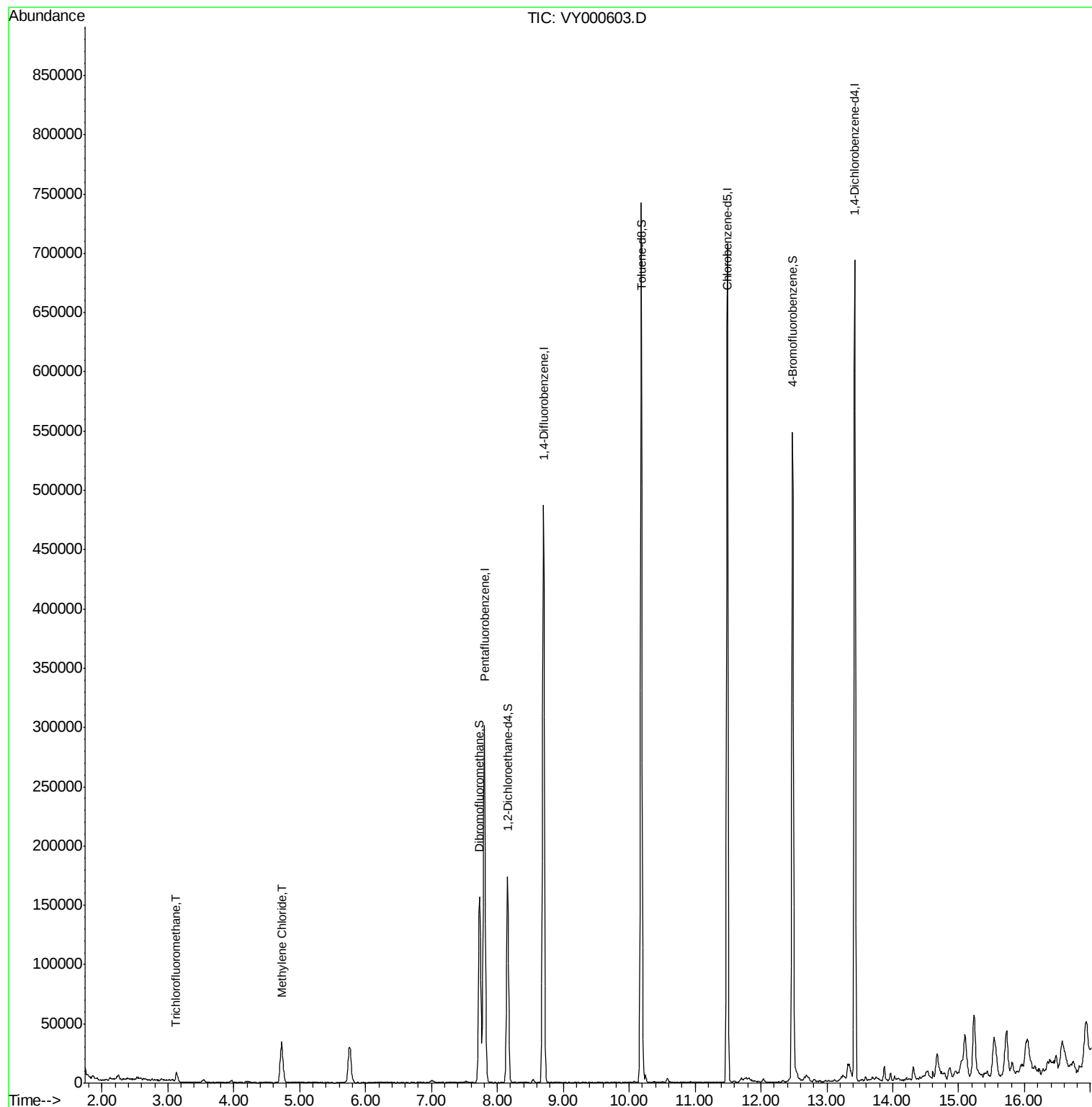
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	227565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	362045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	134384	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.12%	
35) Dibromofluoromethane	7.73	113	109648	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
50) Toluene-d8	10.18	98	472785	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	162247	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	7574	1.957	ug/l	91
20) Methylene Chloride	4.72	84	23452	8.432	ug/l	89

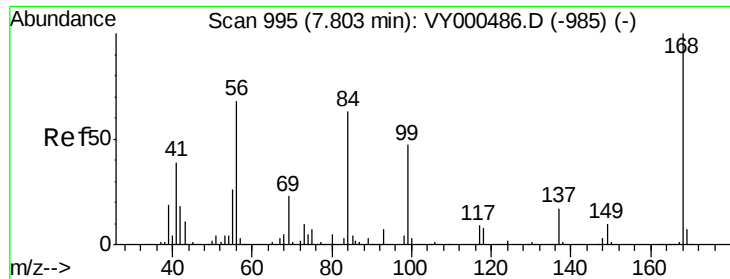
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000603.D

Acq: 08 Nov 2019 00:37

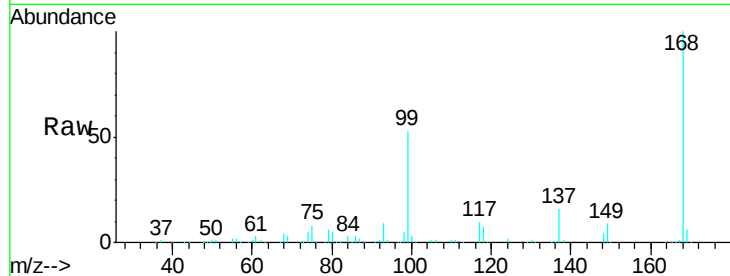
Instrument :
MSVOA_Y
ClientSampled :
5-C

Tgt Ion:168 Resp: 227565

Ion Ratio Lower Upper

168 100

99 53.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

120000

100000

80000

60000

40000

20000

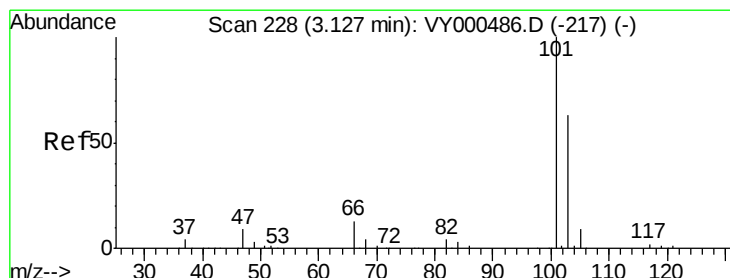
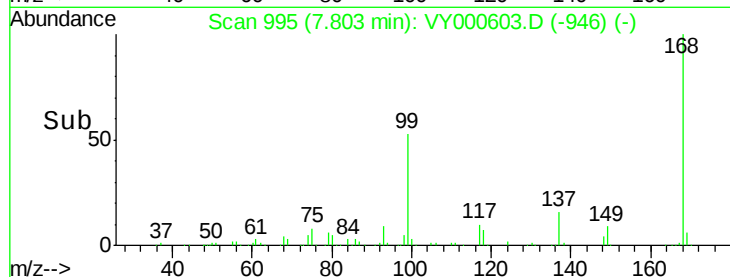
0

7.70

7.80

7.90

Time-->



#7

Trichlorofluoromethane

Concen: 1.957 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY000603.D

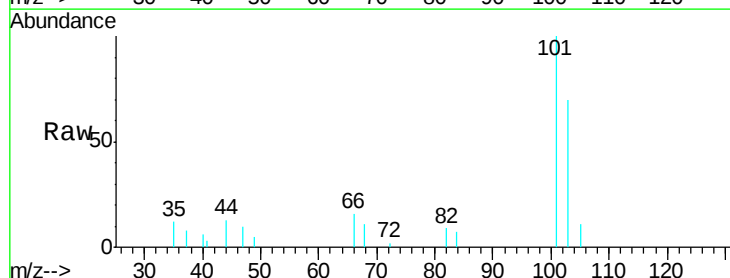
Acq: 08 Nov 2019 00:37

Tgt Ion:101 Resp: 7574

Ion Ratio Lower Upper

101 100

103 70.4 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

4000

3000

2000

1000

0

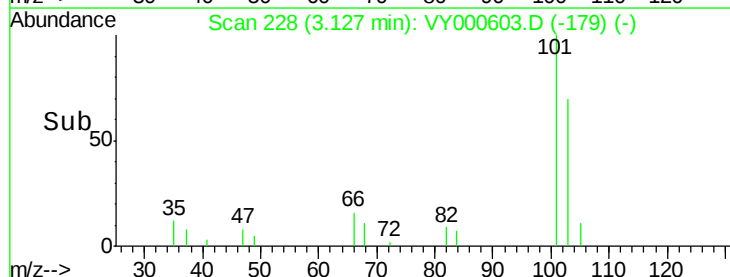
3.05

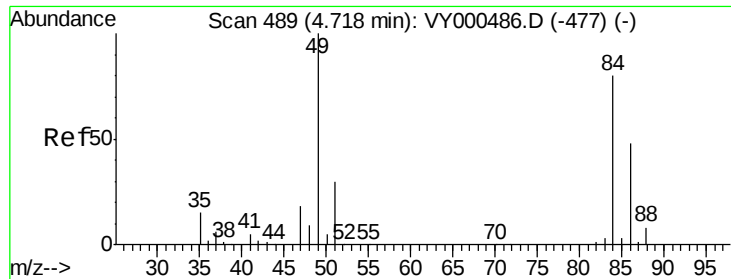
3.10

3.15

3.20

Time-->

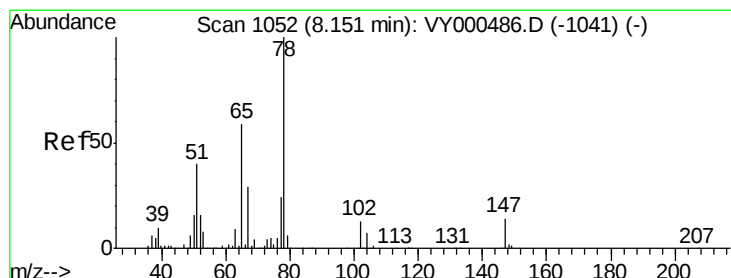
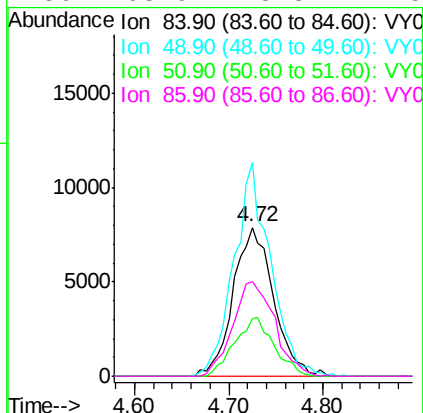
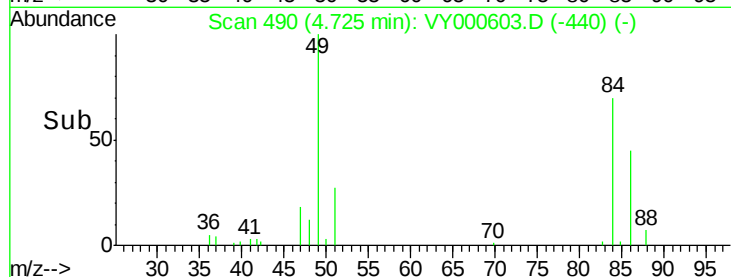
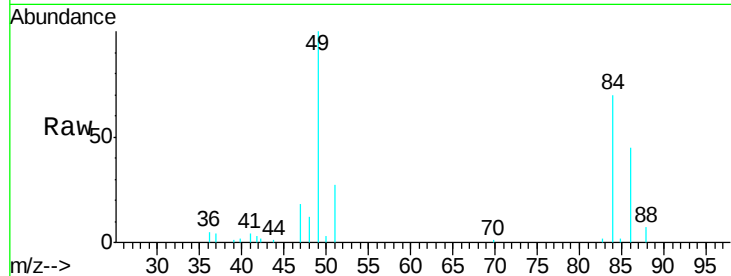




#20
Methylene Chloride
Concen: 8.432 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000603.D
Acq: 08 Nov 2019 00:37

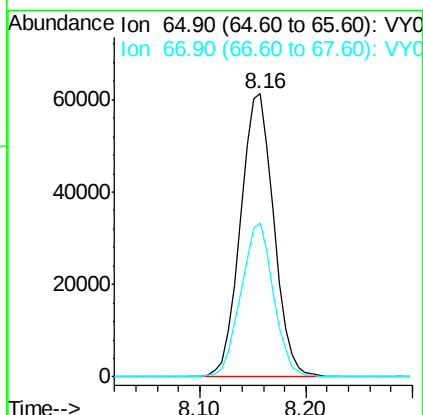
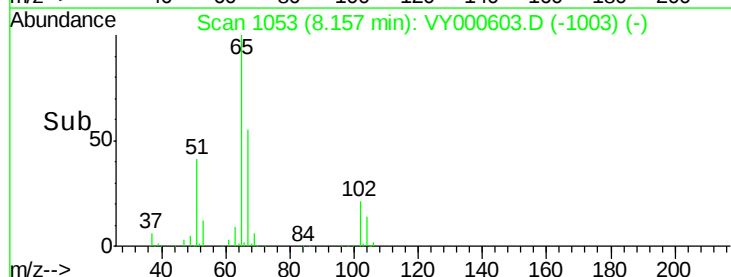
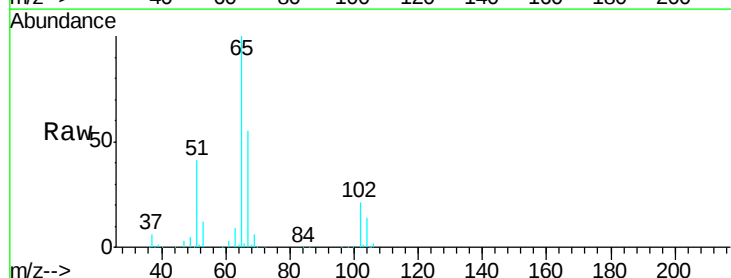
Instrument :
MSVOA_Y
ClientSampled :
5-C

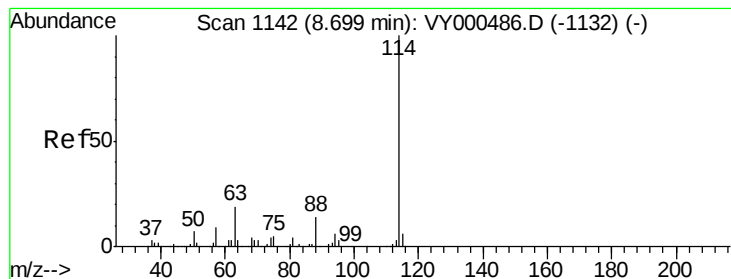
Tgt Ion: 84 Resp: 23452
Ion Ratio Lower Upper
84 100
49 143.4 100.2 150.4
51 38.8 29.6 44.4
86 63.9 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 57.063 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000603.D
Acq: 08 Nov 2019 00:37

Tgt Ion: 65 Resp: 134384
Ion Ratio Lower Upper
65 100
67 53.4 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: VY000603.D

Acq: 08 Nov 2019 00:37

Instrument :

MSVOA_Y

ClientSampled :

5-C

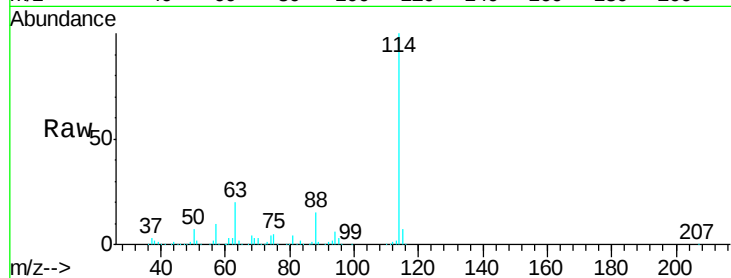
Tgt Ion:114 Resp: 409827

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

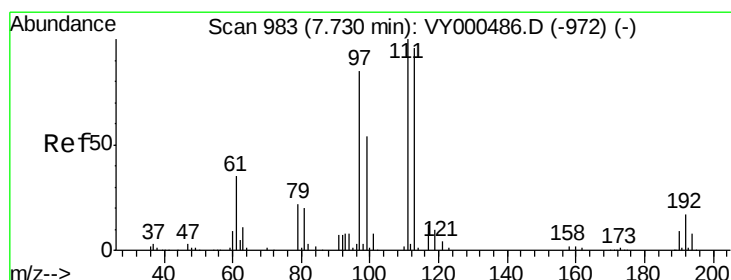
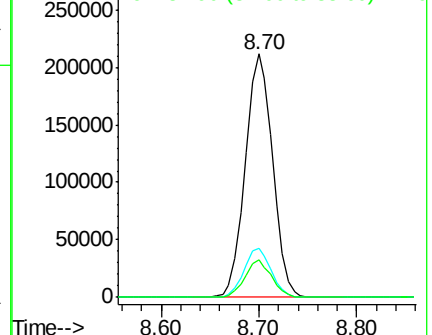
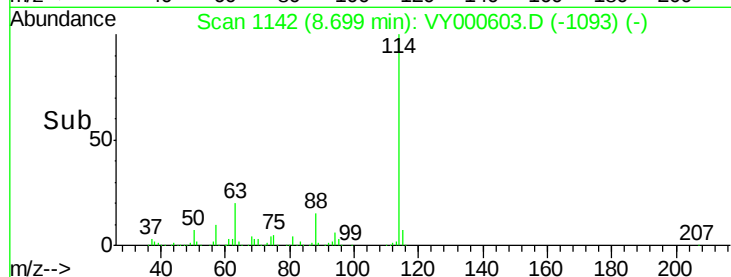
88 15.4 0.0 28.6



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: 45.574 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000603.D

Acq: 08 Nov 2019 00:37

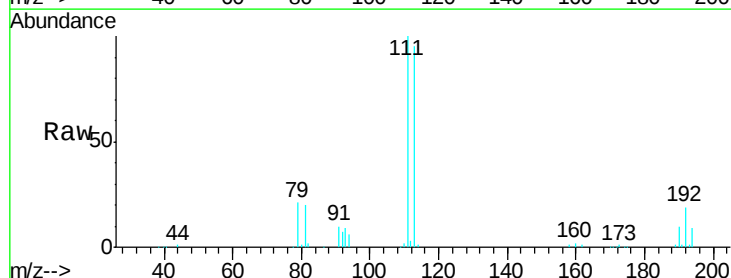
Tgt Ion:113 Resp: 109648

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

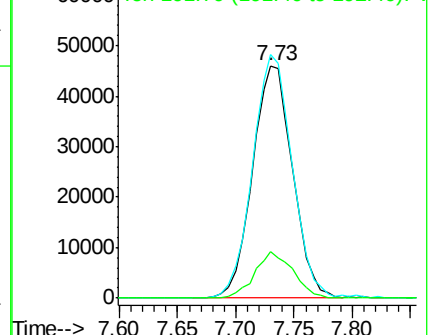
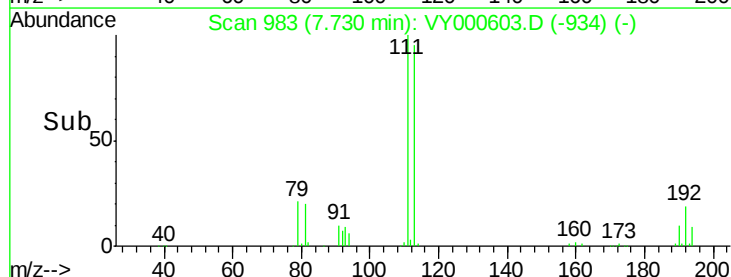
192 19.0 15.0 22.4

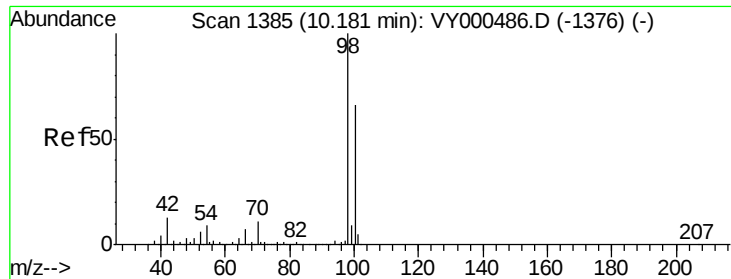


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.788 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000603.D

Acq: 08 Nov 2019 00:37

Instrument :

MSVOA_Y

ClientSampleId :

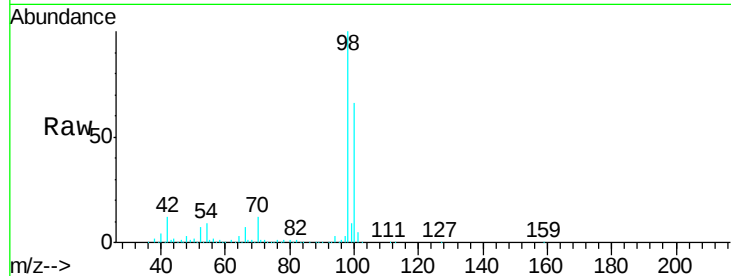
5-C

Tgt Ion: 98 Resp: 472785

Ion Ratio Lower Upper

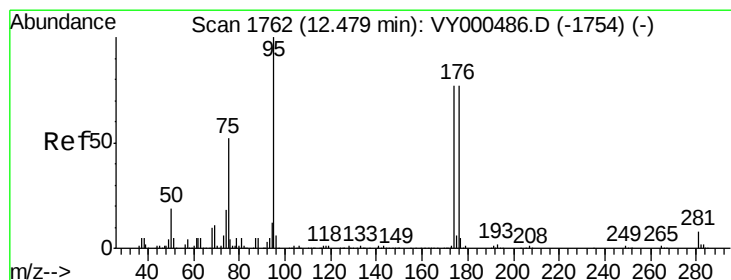
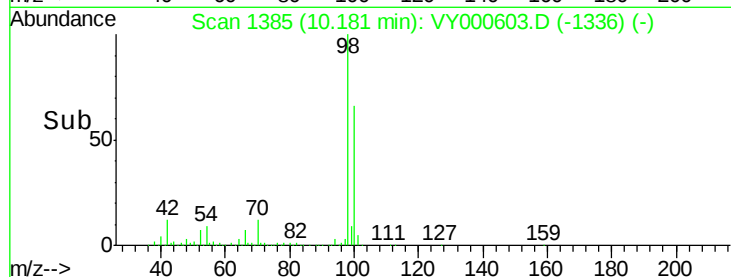
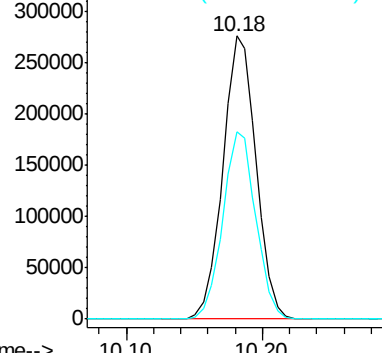
98 100

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: 46.683 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000603.D

Acq: 08 Nov 2019 00:37

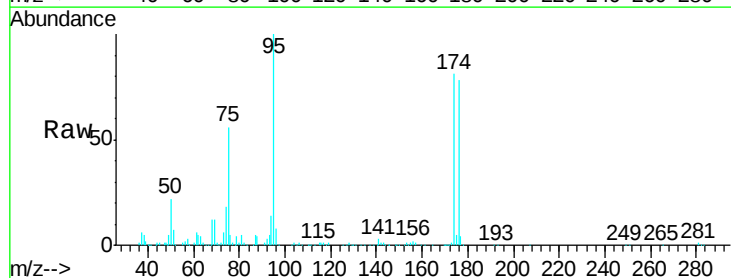
Tgt Ion: 95 Resp: 162247

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.6

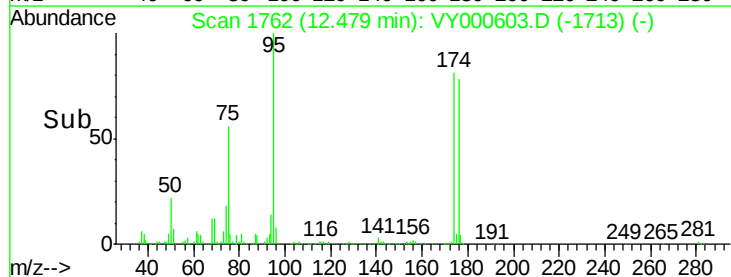
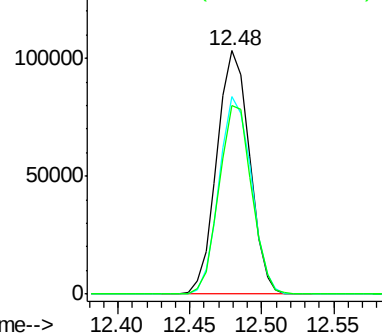
176 77.2 0.0 157.8

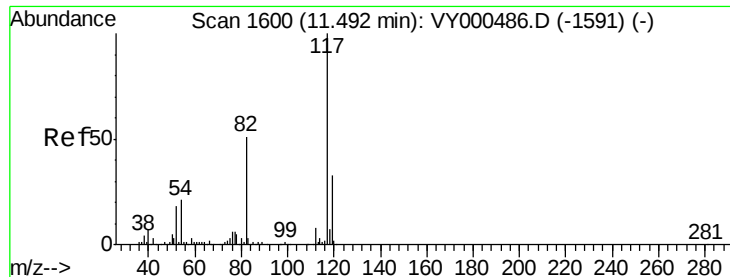


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

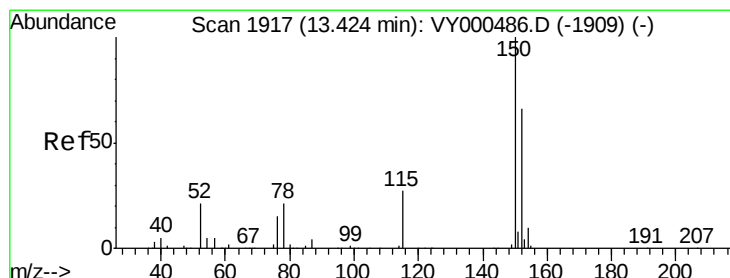
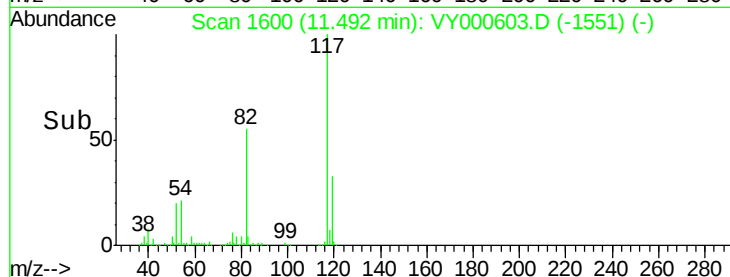
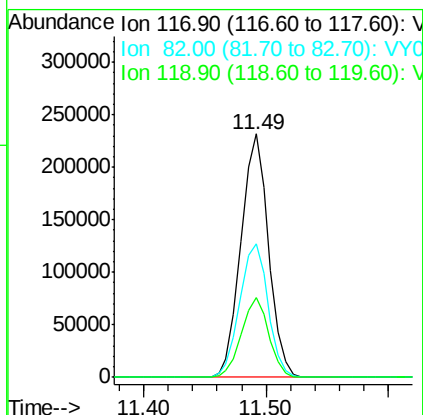
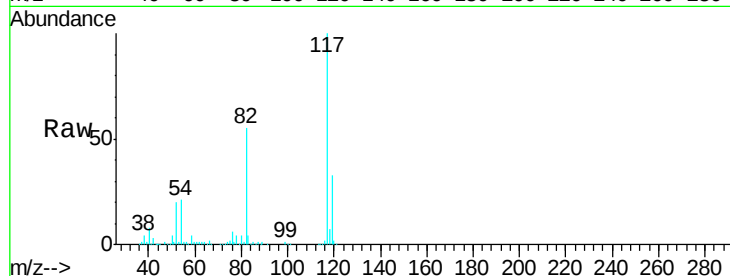




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000603.D
Acq: 08 Nov 2019 00:37

Instrument :
MSVOA_Y
ClientSampled :
5-C

Tgt Ion:117 Resp: 362045
Ion Ratio Lower Upper
117 100
82 54.7 40.8 61.2
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000603.D
Acq: 08 Nov 2019 00:37

Tgt Ion:152 Resp: 163888
Ion Ratio Lower Upper
152 100
115 61.4 29.1 87.4
150 158.0 0.0 348.8

