

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000611.D
 Acq On : 08 Nov 2019 12:59
 Operator : SY/MD
 Sample : K5722-10
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6-C

Quant Time: Nov 11 05:51:57 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

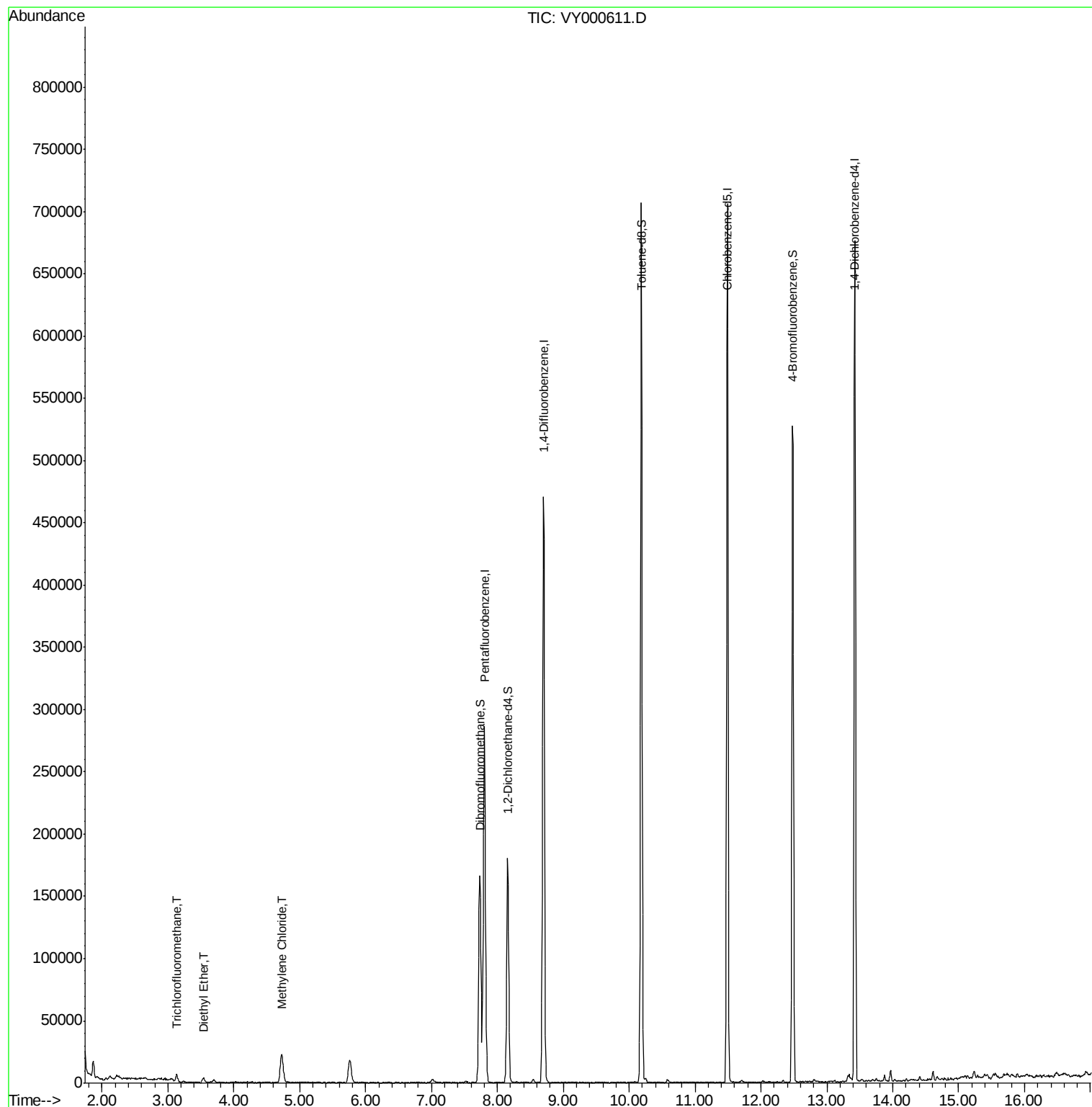
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	393774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	361667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	136591	59.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.58%	
35) Dibromofluoromethane	7.73	113	116954	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.19	98	463275	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.48	95	160172	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	5595	1.490	ug/l	95
8) Diethyl Ether	3.55	74	2313	1.734	ug/l	98
20) Methylene Chloride	4.73	84	17014	6.307	ug/l #	96

(#) = 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: VY000611.D

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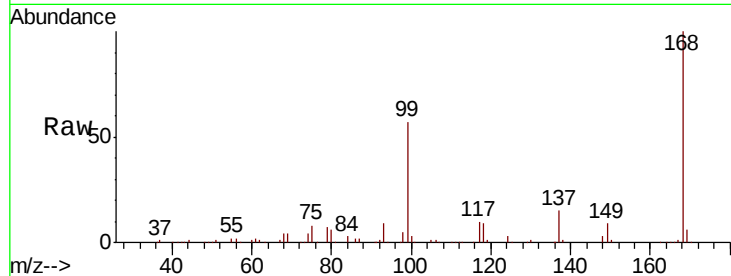
Instrument :
MSVOA_Y
ClientSampled :
6-C

Tot Ion:168 Resp: 220743

Ion Ratio Lower Upper

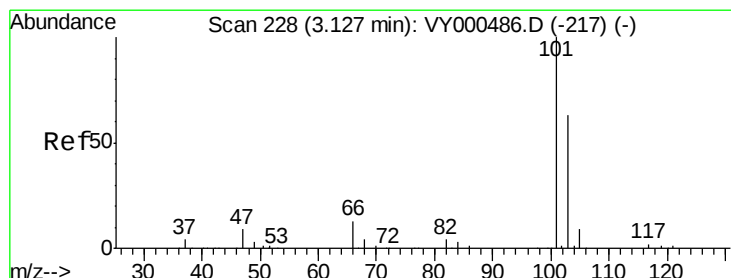
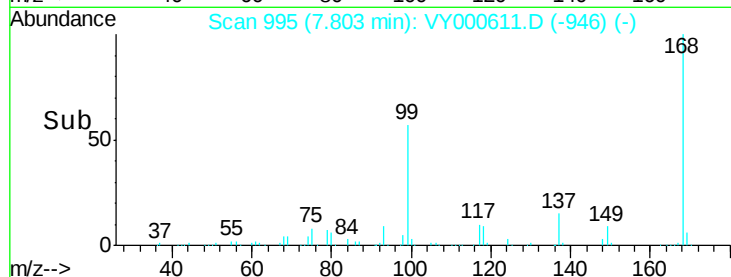
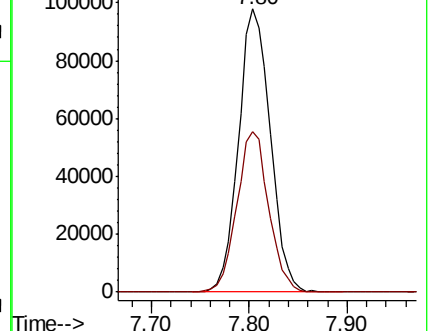
168 100

99 56.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#7

Trichlorofluoromethane

Concen: 1.490 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000611.D

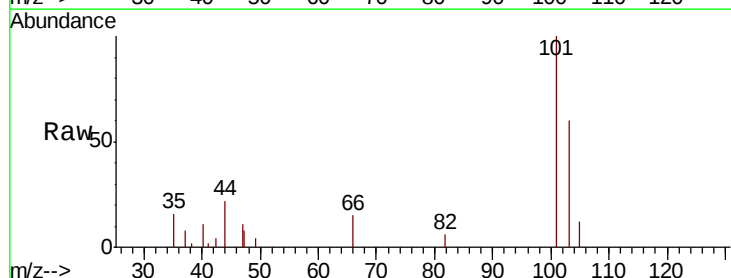
Acq: 08 Nov 2019 12:59

Tgt Ion:101 Resp: 5595

Ion Ratio Lower Upper

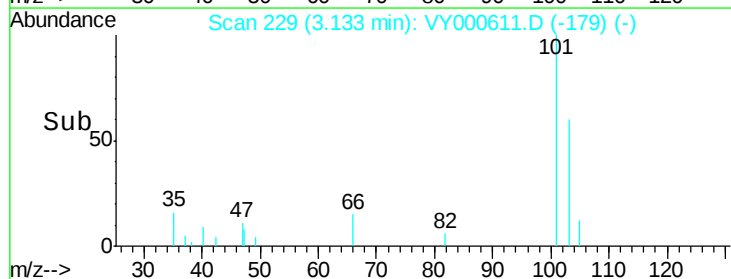
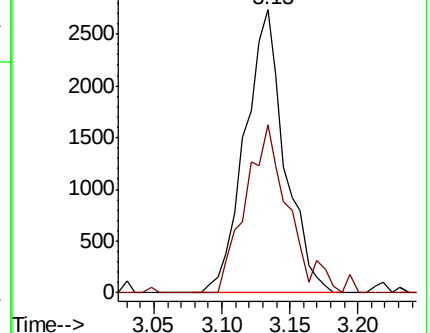
101 100

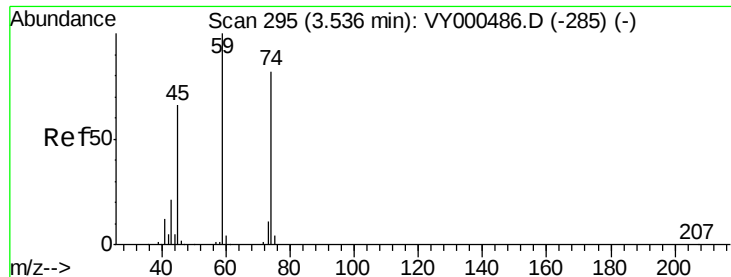
103 59.6 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.734 ug/l

RT: 3.55 min Scan# 297

Delta R.T. 0.01 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

Instrument :

MSVOA_Y

ClientSampled :

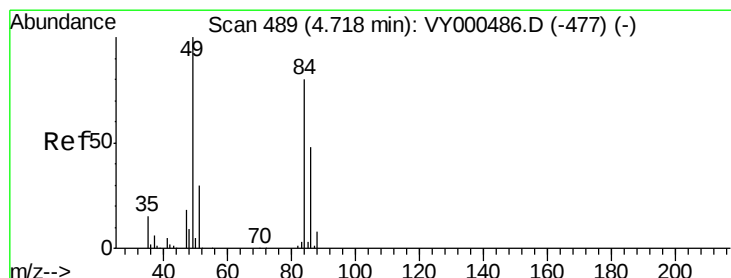
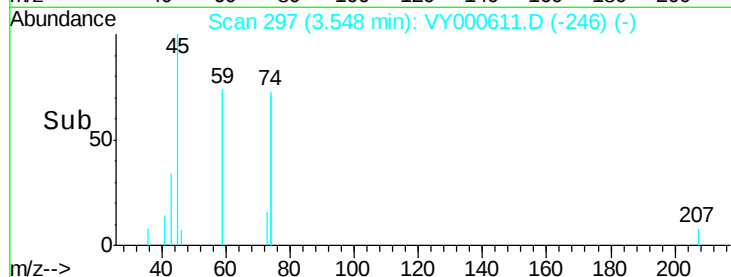
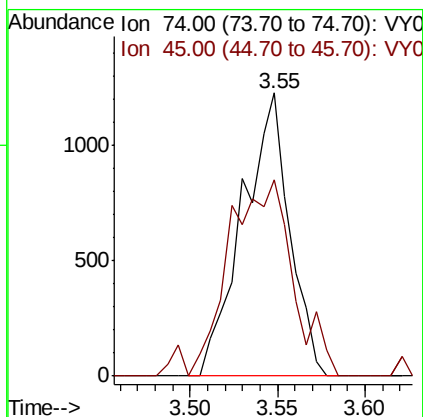
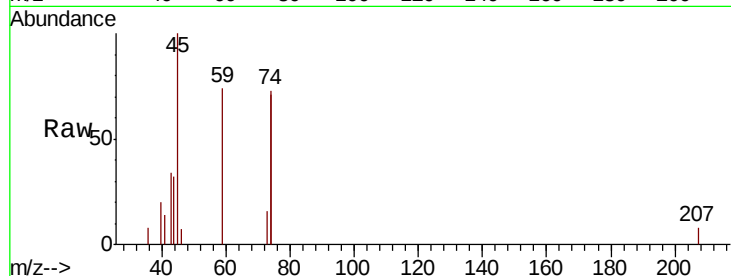
6-C

Tot Ion: 74 Resp: 2313

Ion Ratio Lower Upper

74 100

45 93.1 45.5 136.4



#20

Methylene Chloride

Concen: 6.307 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

Tgt Ion: 84 Resp: 17014

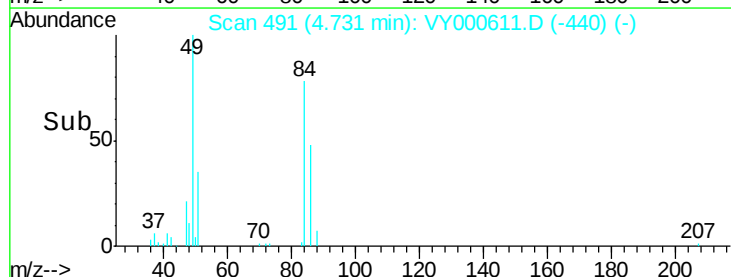
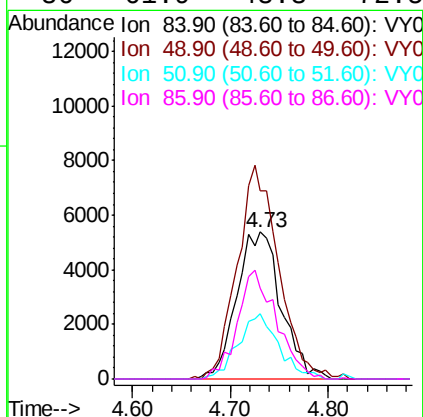
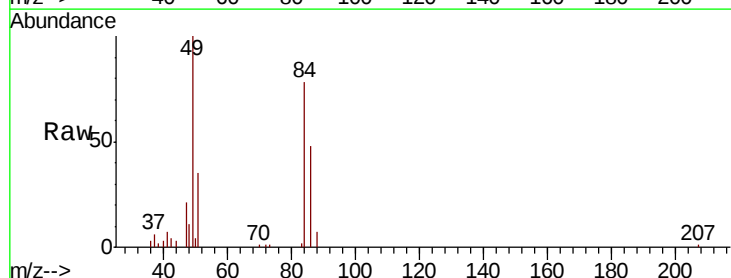
Ion Ratio Lower Upper

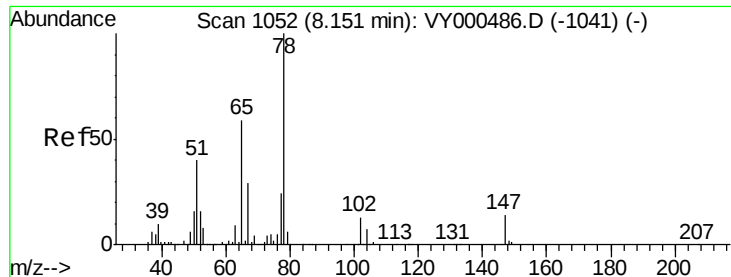
84 100

49 128.3 100.2 150.4

51 44.5 29.6 44.4#

86 61.9 48.3 72.5





#33

1,2-Dichloroethane-d4

Concen: 59.793 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

Instrument :

MSVOA_Y

ClientSampleId :

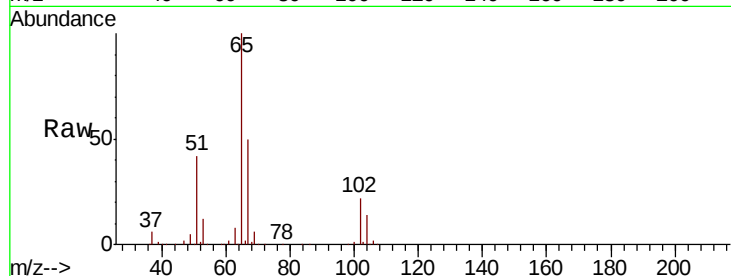
6-C

Tot Ion: 65 Resp: 136591

Ion Ratio Lower Upper

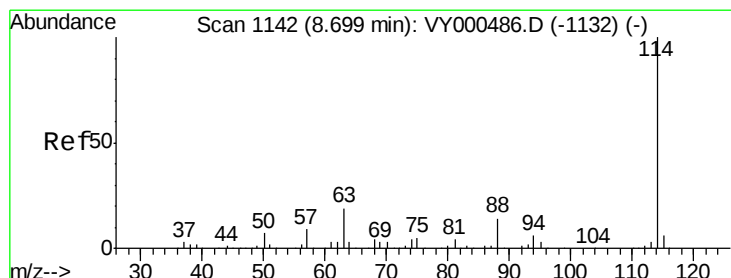
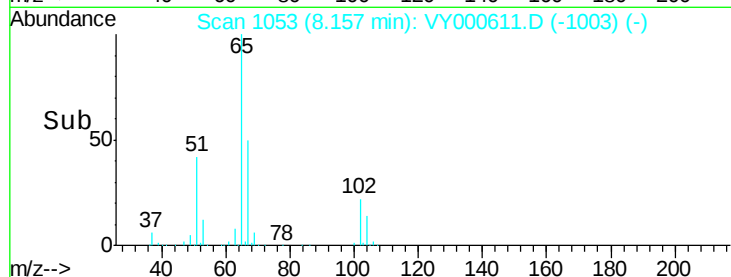
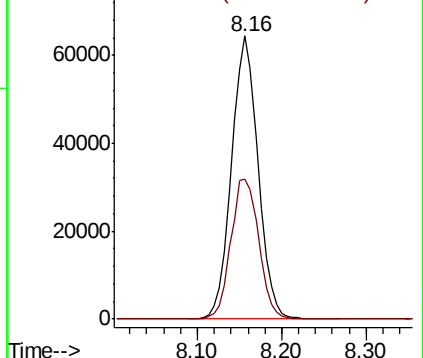
65 100

67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

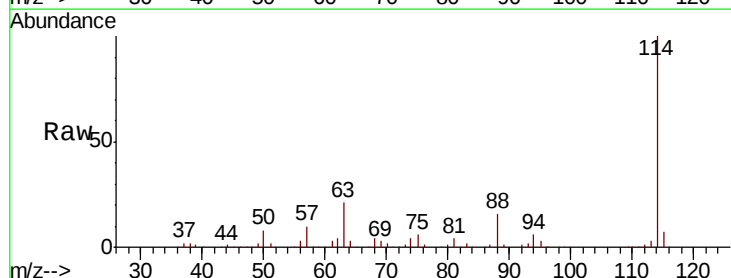
Tgt Ion: 114 Resp: 393774

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

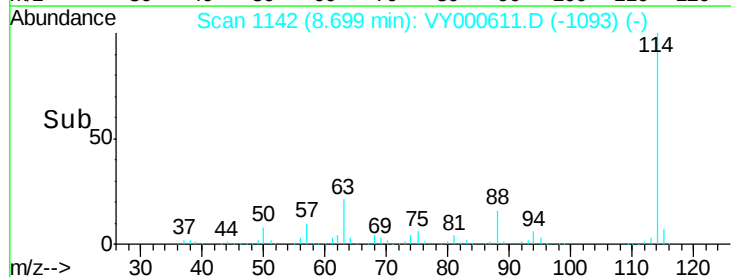
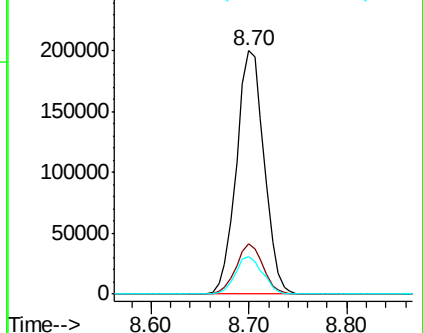
88 15.5 0.0 28.6

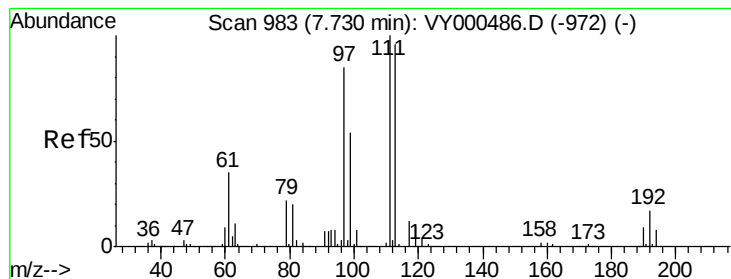


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.592 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

Instrument :

MSVOA_Y

ClientSampleId :

6-C

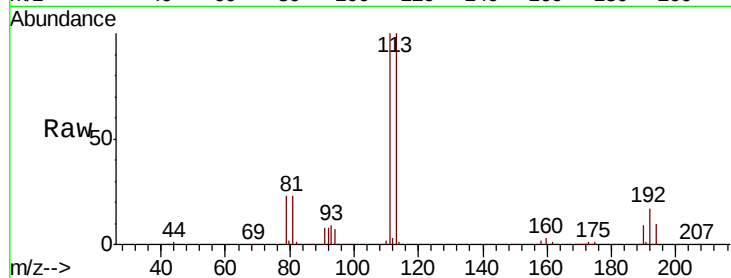
Tot Ion:113 Resp: 116954

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

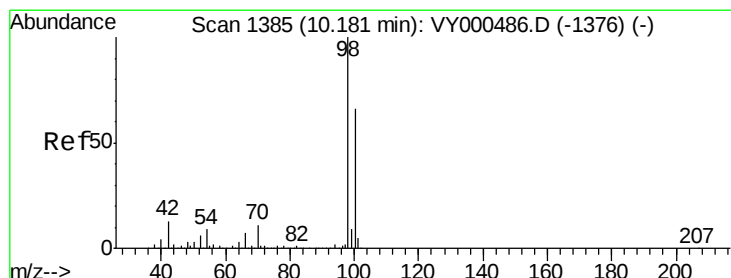
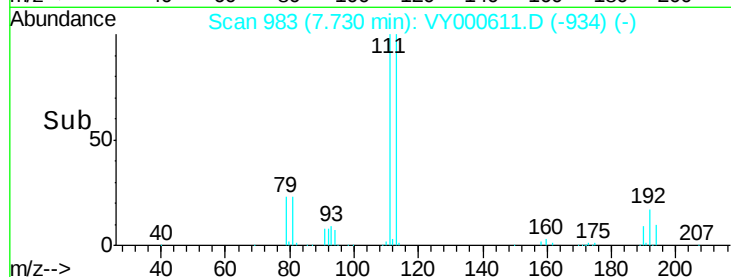
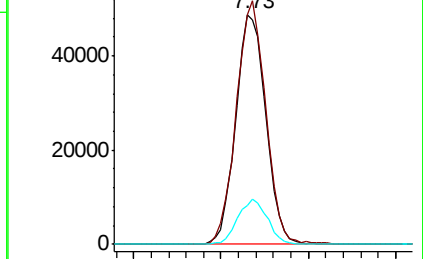
192 19.3 15.0 22.4



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: 52.815 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000611.D

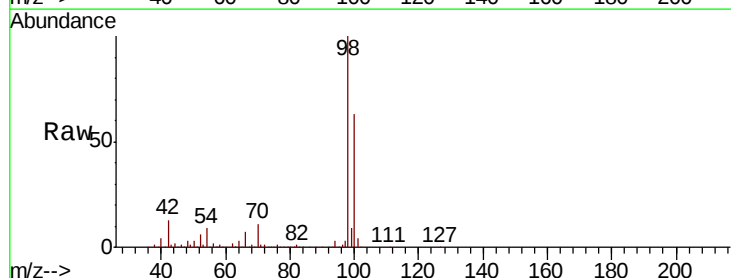
Acq: 08 Nov 2019 12:59

Tgt Ion: 98 Resp: 463275

Ion Ratio Lower Upper

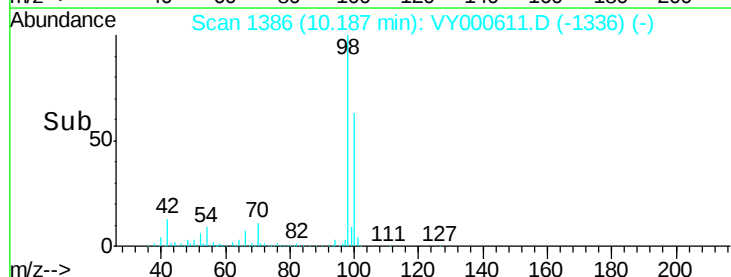
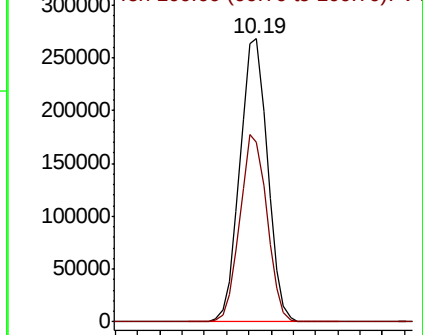
98 100

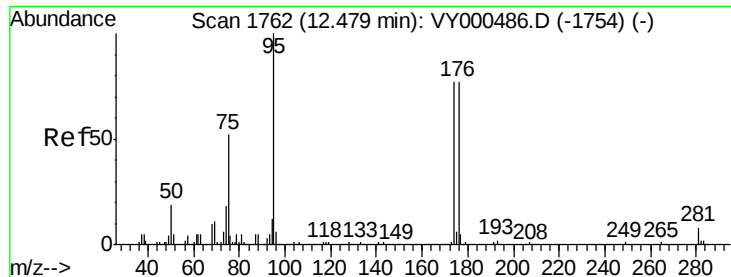
100 64.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

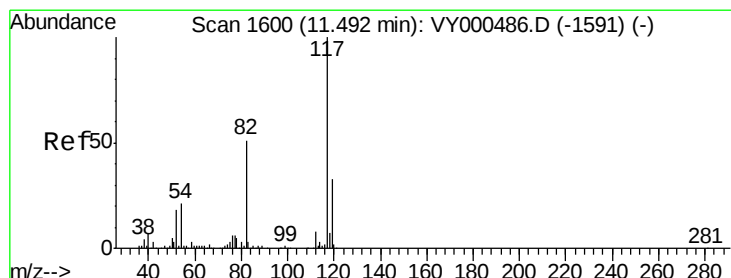
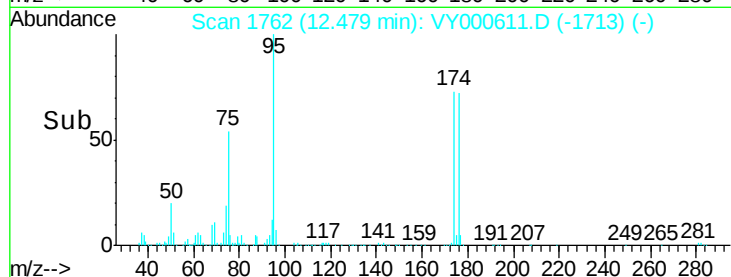
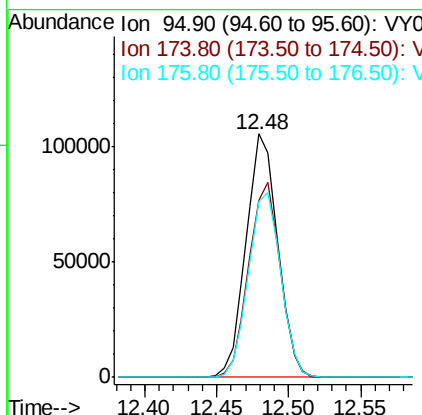
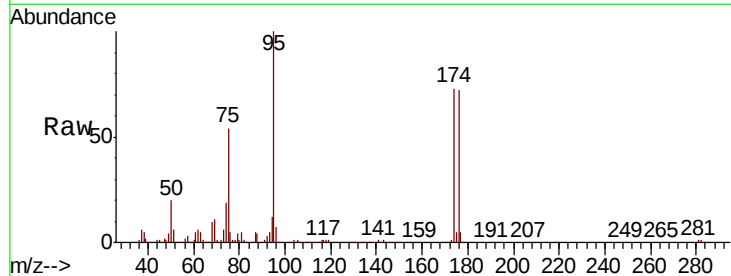




#62
4-Bromofluorobenzene
Concen: 47.965 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000611.D
Acq: 08 Nov 2019 12:59

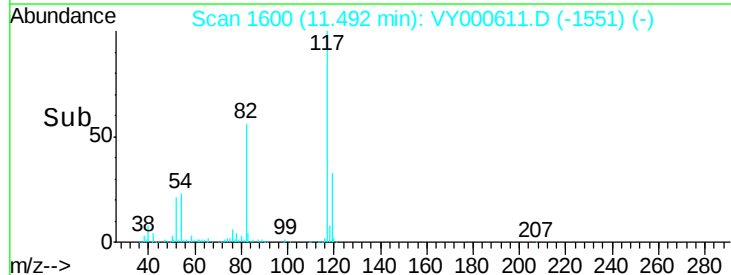
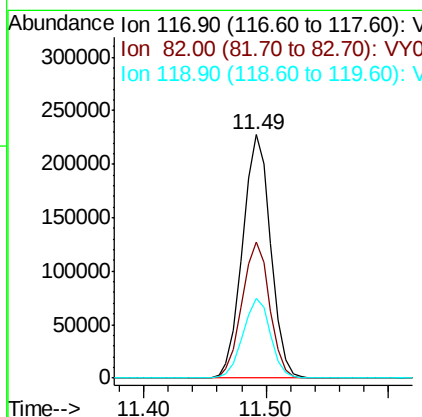
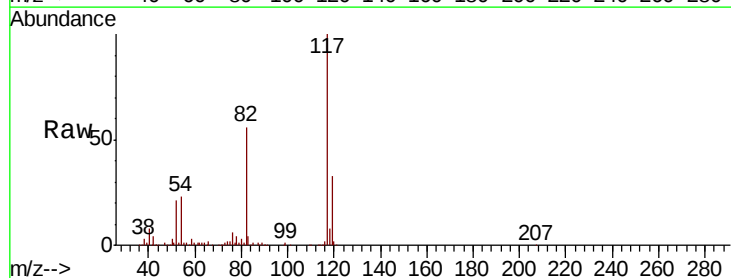
Instrument :
MSVOA_Y
ClientSampled :
6-C

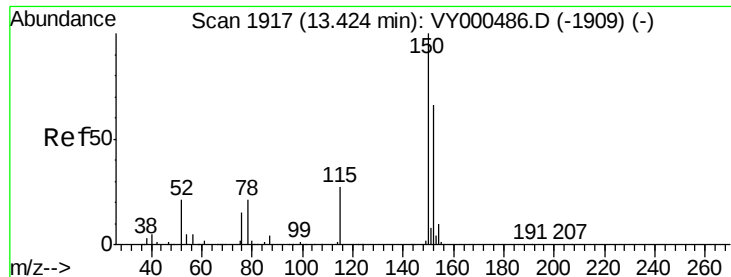
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.6
176	77.4	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000611.D
Acq: 08 Nov 2019 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	40.8	61.2
119	32.6	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: VY000611.D
 Acq: 08 Nov 2019 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 6-C

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.1	87.4
150	156.2	0.0	348.8

