

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 04:43:38 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	136591	59.79	ug/l	0.00
Spiked Amount			Recovery	=	119.58%	
35) Dibromofluoromethane	7.73	113	116954	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.19	98	463275	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.48	95	160172	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

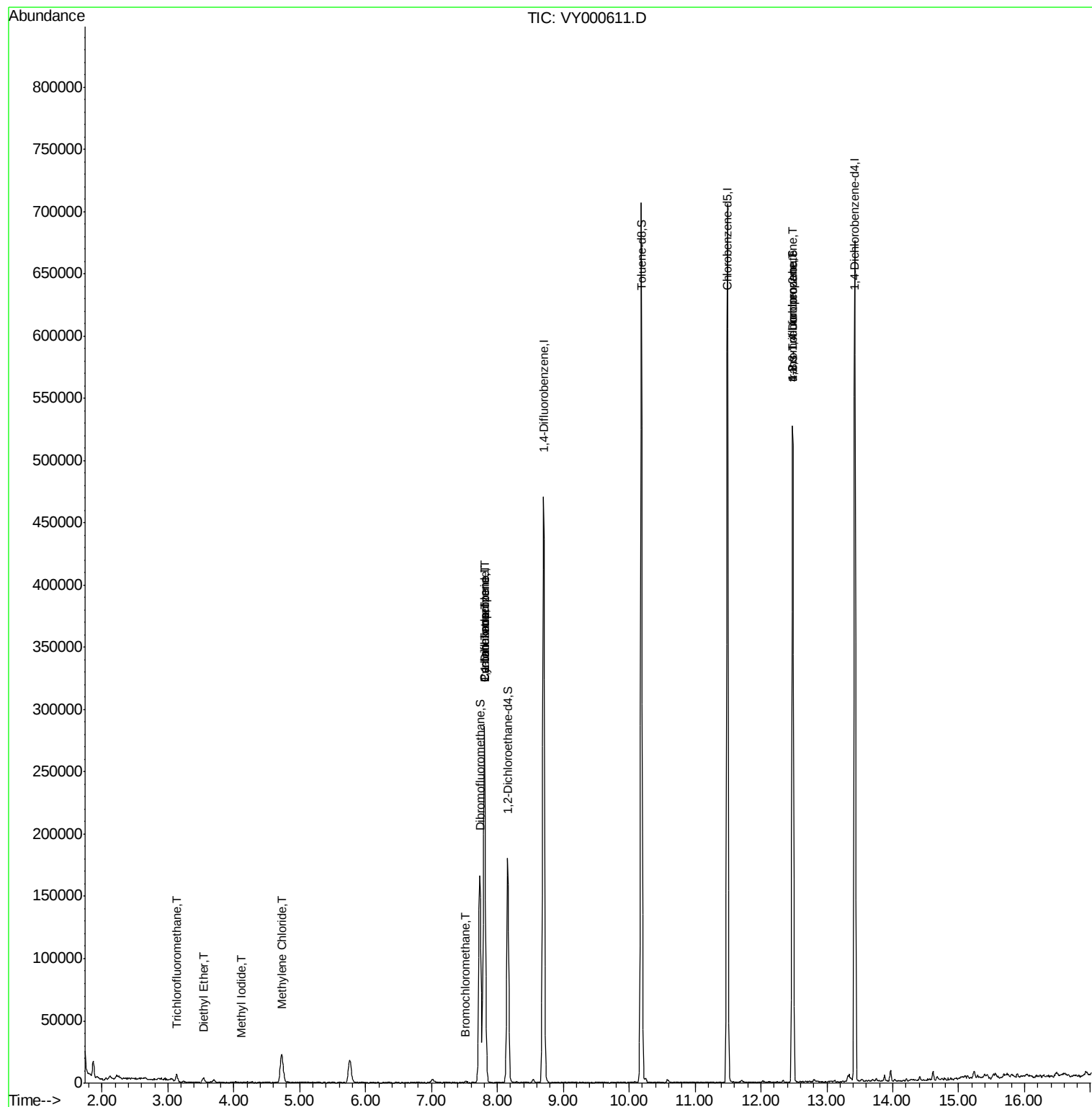
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	3.13	101	5595	1.490	ug/l	95
8) Diethyl Ether	3.55	74	2313	1.734	ug/l	98
10) Methyl Iodide	4.12	142	321	3.300	ug/l #	41
20) Methylene Chloride	4.73	84	17014	6.307	ug/l #	96
28) Bromochloromethane	7.52	49	102	4.141	ug/l #	14
31) Cyclohexane	7.80	56	5278	1.194	ug/l #	41
36) 1,1-Dichloropropene	7.80	75	16797	4.512	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22733	6.347	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	86102	46.549	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86102	104.368	ug/l #	13

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

Data Path : Z:\V0ASRV\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
ClientSampled :
6-C

Quant Time: Nov 11 04:43:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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: VY000611.D

Acq: 08 Nov 2019 12:59

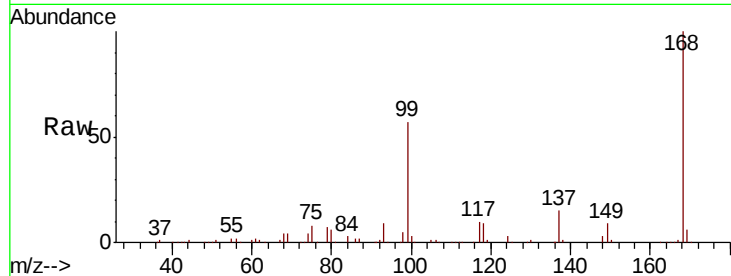
Instrument :
MSVOA_Y
ClientSampled :
6-C

Tot Ion:168 Resp: 220743

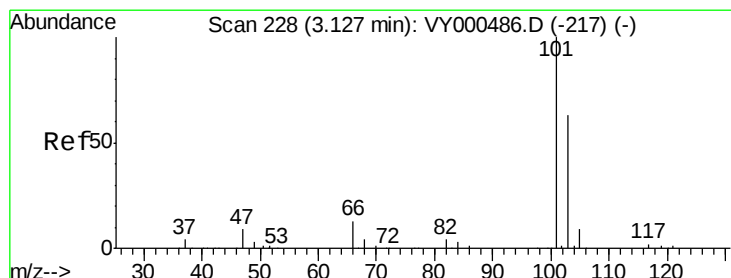
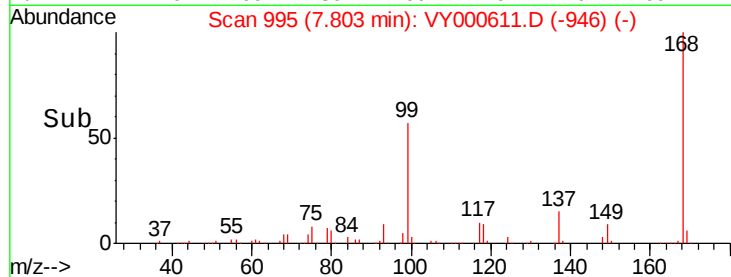
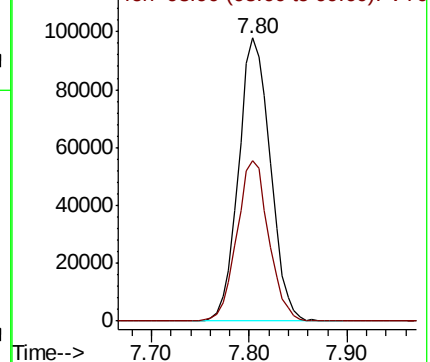
Ion Ratio Lower Upper

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

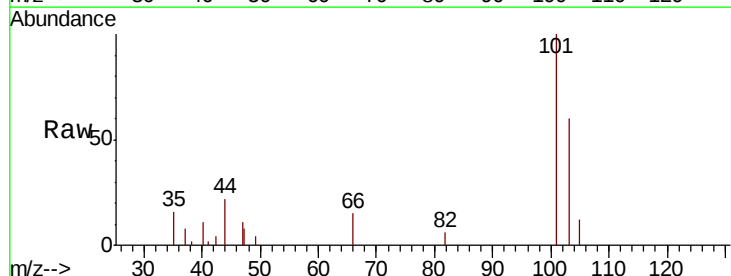
Acq: 08 Nov 2019 12:59

Tgt Ion:101 Resp: 5595

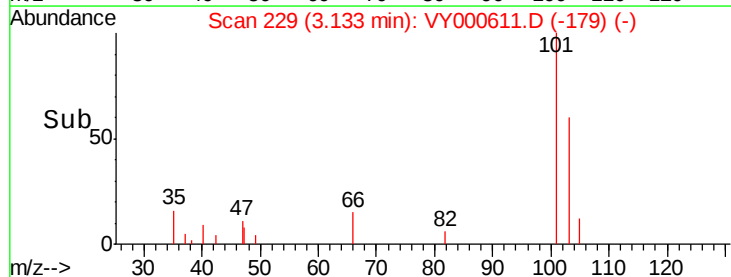
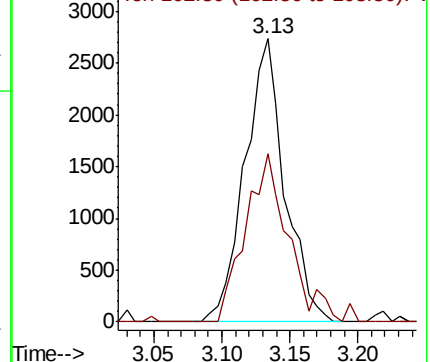
Ion Ratio Lower Upper

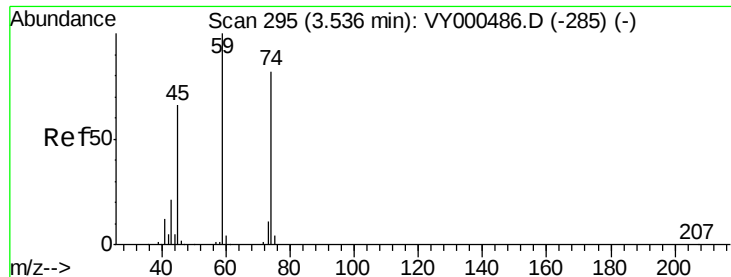
101 100

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

ClientSampleId :

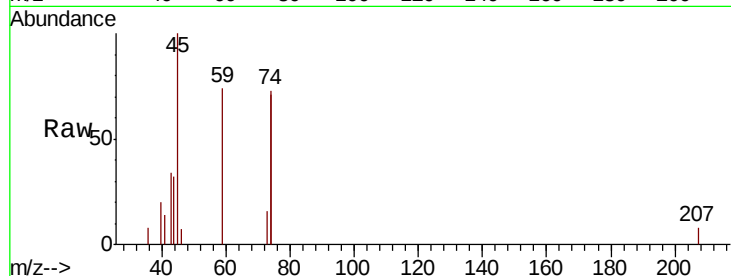
6-C

Tot Ion: 74 Resp: 2313

Ion Ratio Lower Upper

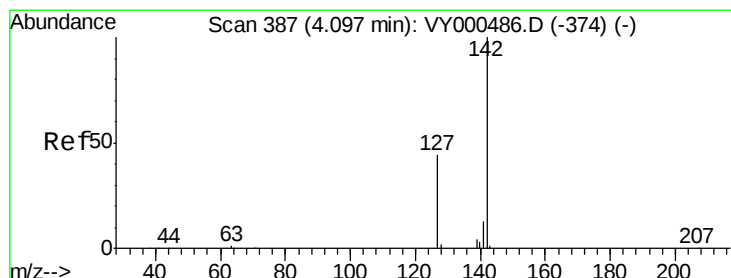
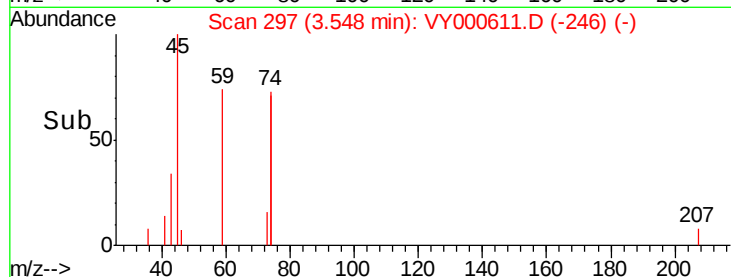
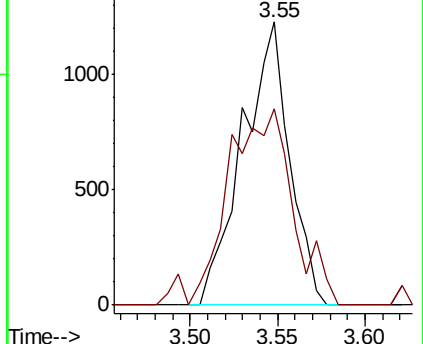
74 100

45 93.1 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#10

Methyl Iodide

Concen: 3.300 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.03 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

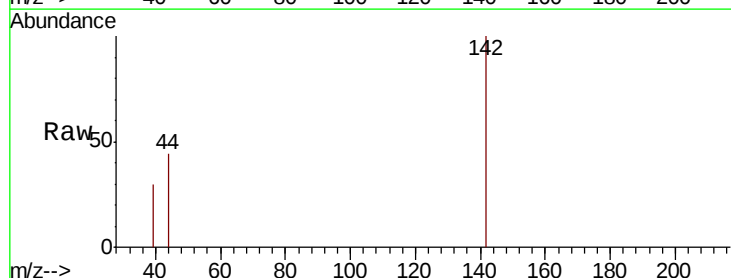
Tgt Ion: 142 Resp: 321

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

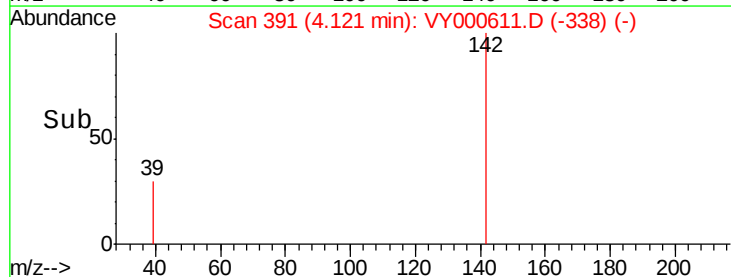
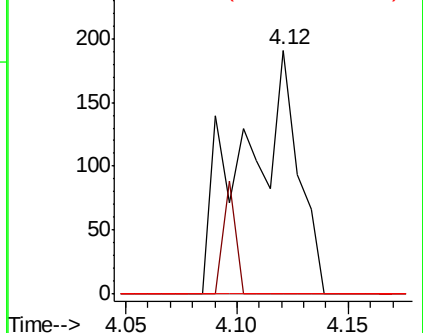
141 0.0 10.9 16.3#

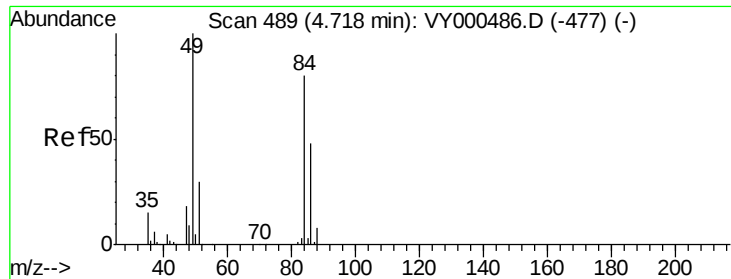


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

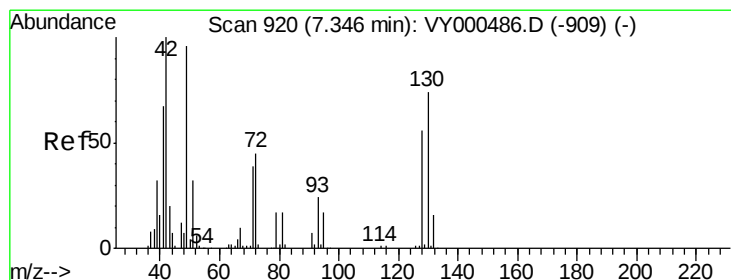
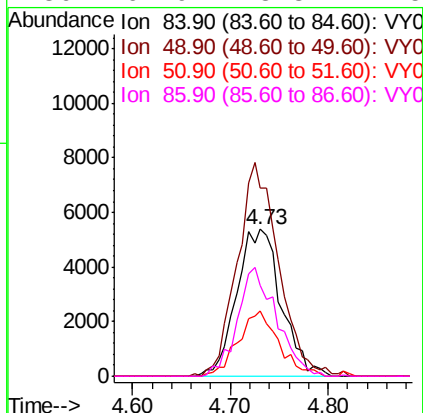
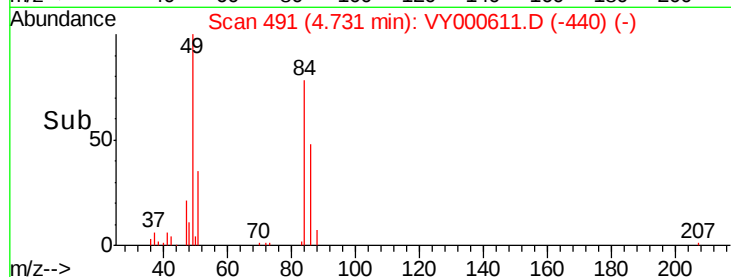
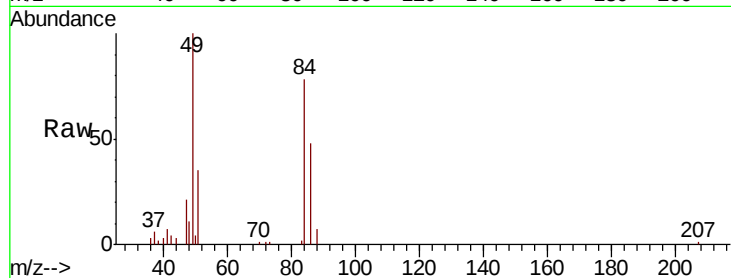




#20
Methvlene Chloride
Concen: 6.307 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000611.D
Acq: 08 Nov 2019 12:59

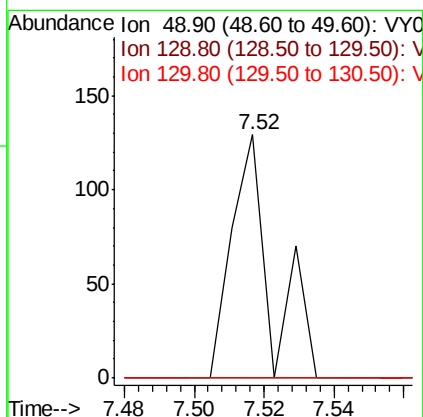
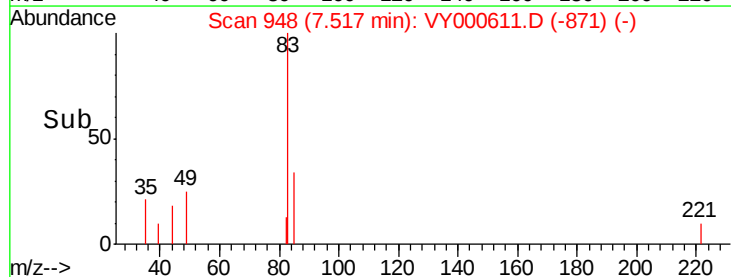
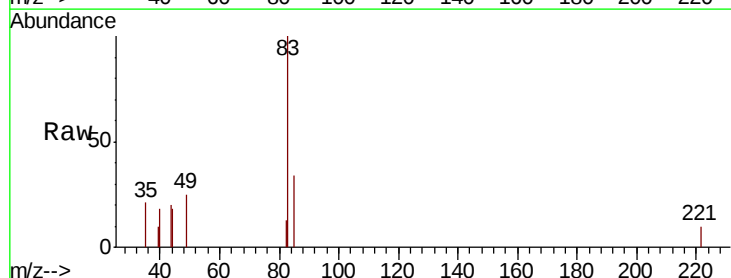
Instrument :
MSVOA_Y
ClientSampleId :
6-C

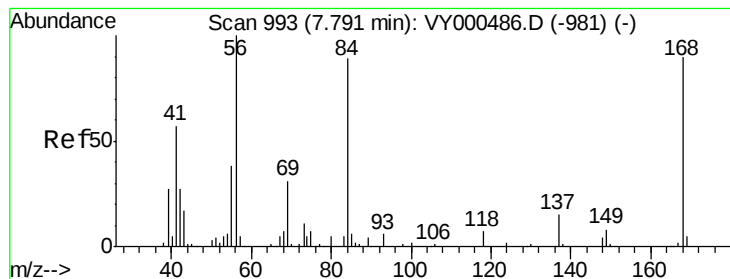
Tot Ion: 84 Resp: 17014
Ion Ratio Lower Upper
84 100
49 128.3 100.2 150.4
51 44.5 29.6 44.4#
86 61.9 48.3 72.5



#28
Bromochloromethane
Concen: 4.141 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.17 min
Lab File: VY000611.D
Acq: 08 Nov 2019 12:59

Tgt Ion: 49 Resp: 102
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#





#31

Cyclohexane

Concen: 1.194 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

Instrument :

MSVOA_Y

ClientSampleId :

6-C

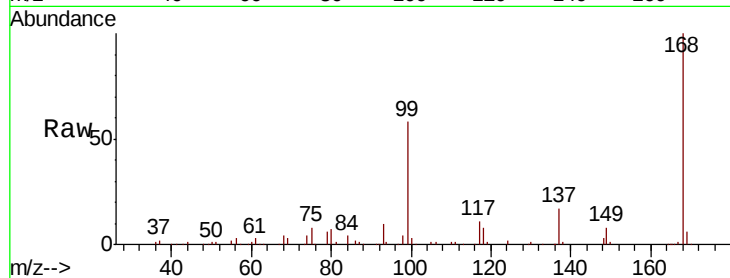
Tot Ion: 56 Resp: 5278

Ion Ratio Lower Upper

56 100

69 103.6 25.0 37.6#

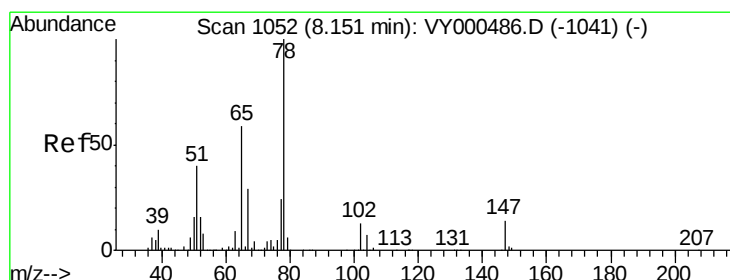
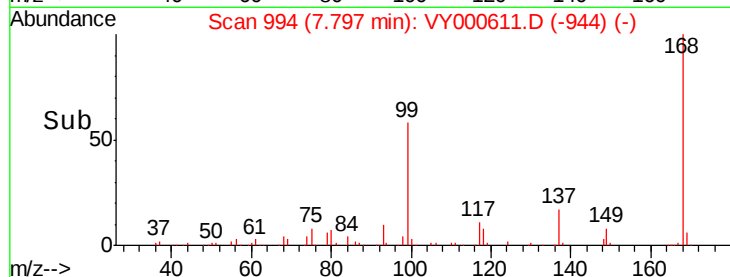
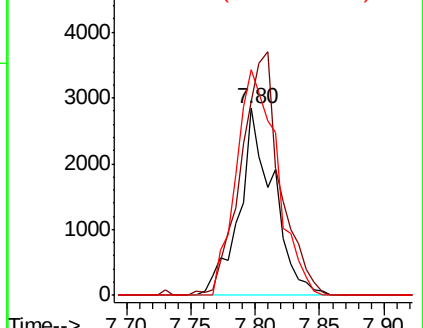
84 120.8 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#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

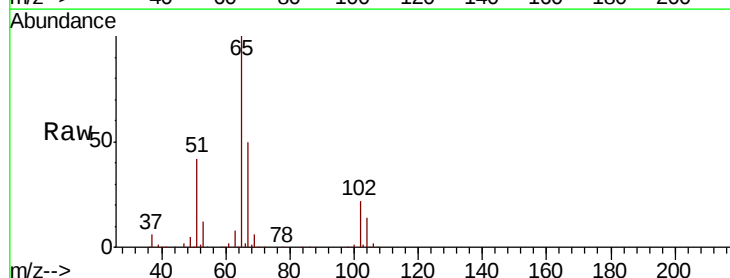
Acq: 08 Nov 2019 12:59

Tgt Ion: 65 Resp: 136591

Ion Ratio Lower Upper

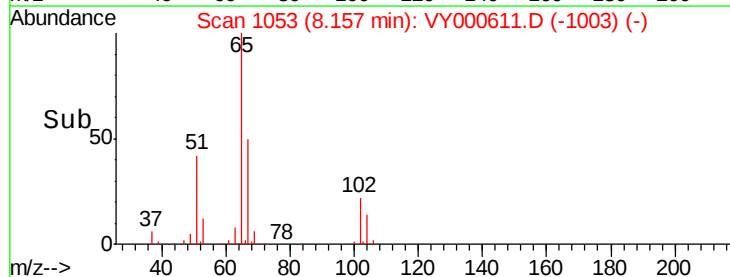
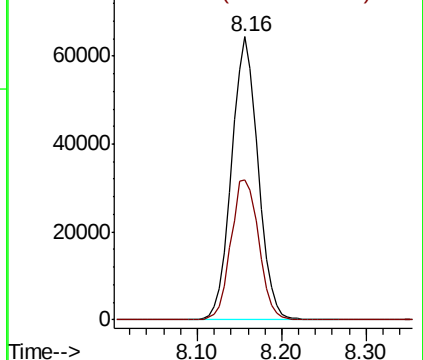
65 100

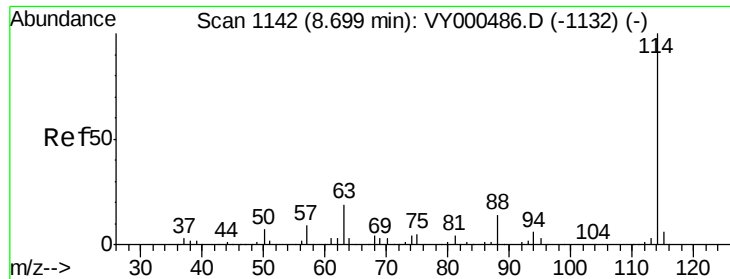
67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

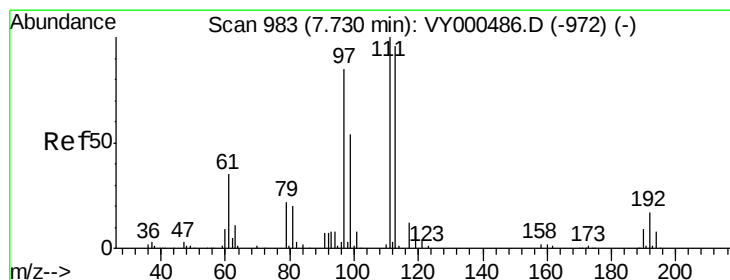
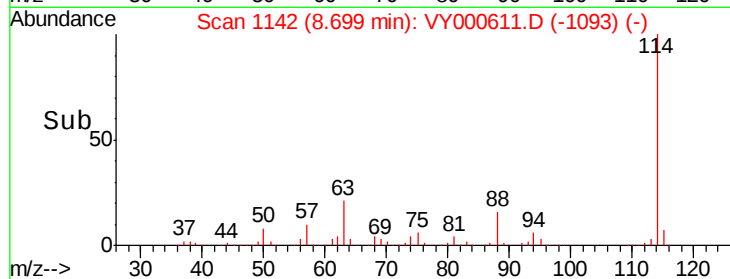
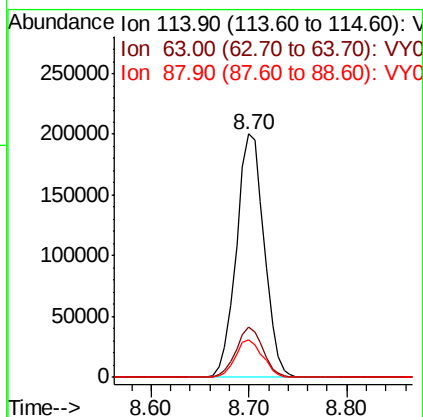
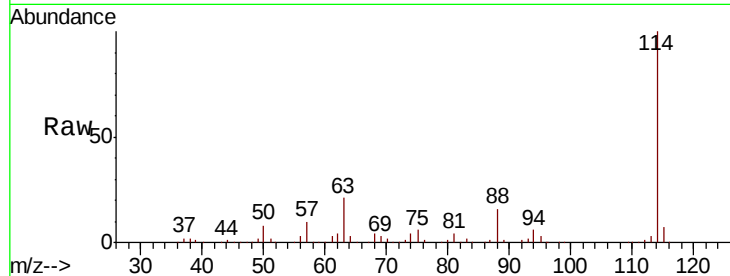




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000611.D
 Acq: 08 Nov 2019 12:59

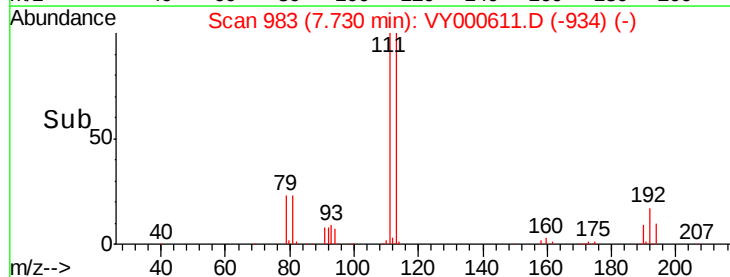
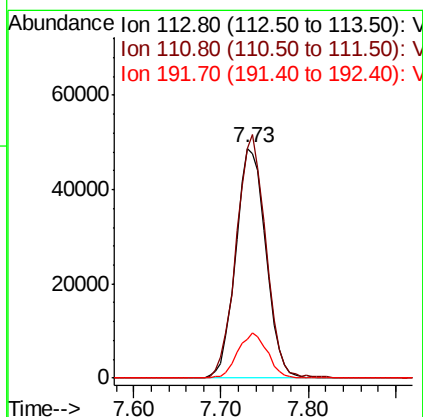
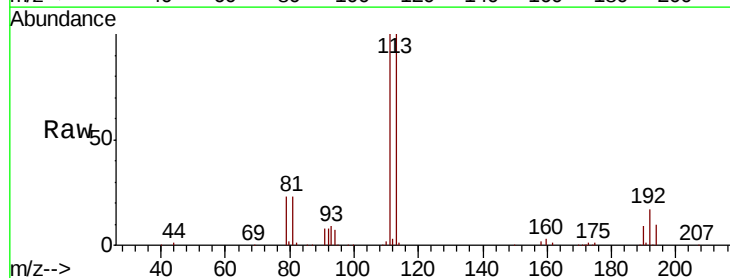
Instrument :
 MSVOA_Y
 ClientSampled :
 6-C

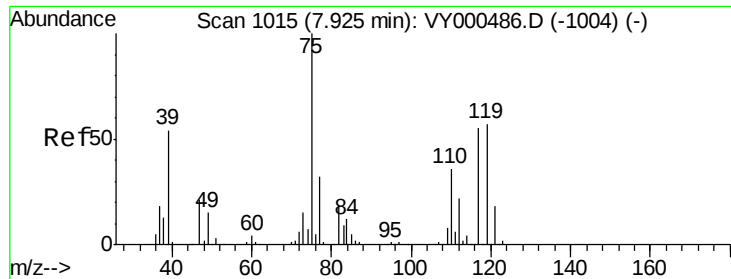
Tot Ion:114 Resp: 393774
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 15.5 0.0 28.6



#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

Tgt Ion:113 Resp: 116954
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 19.3 15.0 22.4

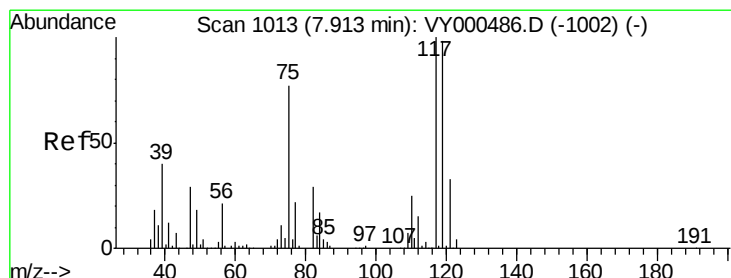
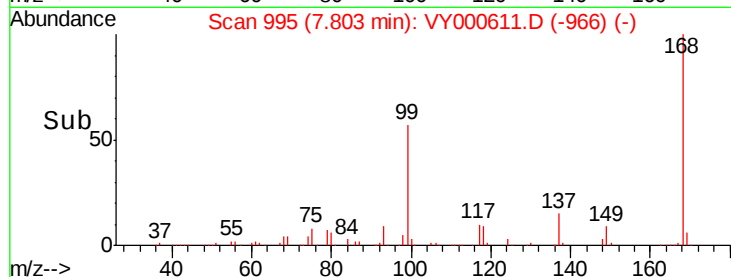
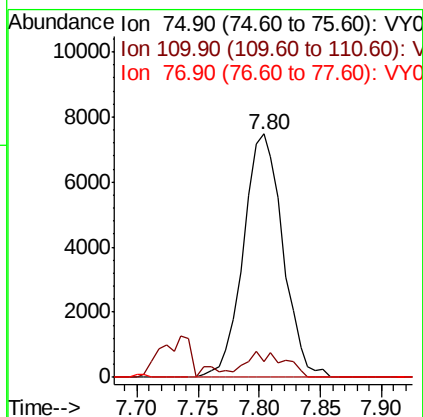
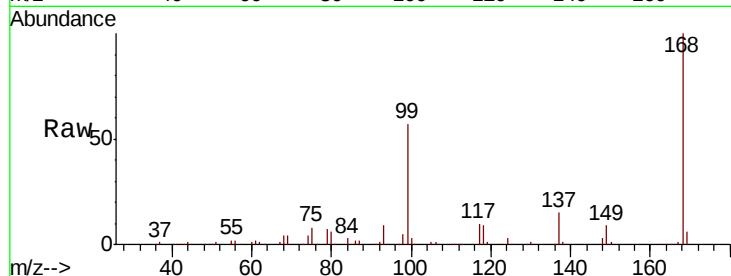




#36
 1,1-Dichloropropene
 Concen: 4.512 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000611.D
 Acq: 08 Nov 2019 12:59

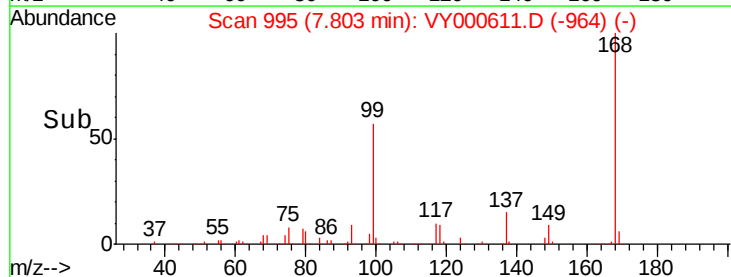
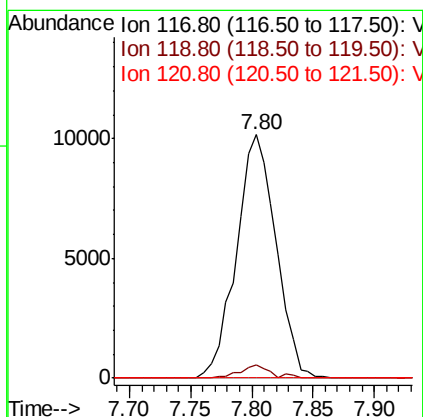
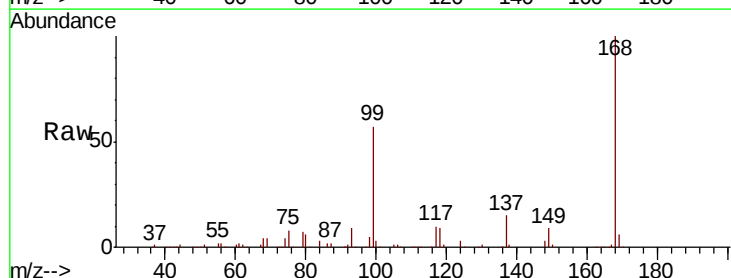
Instrument :
 MSVOA_Y
 ClientSampleId :
 6-C

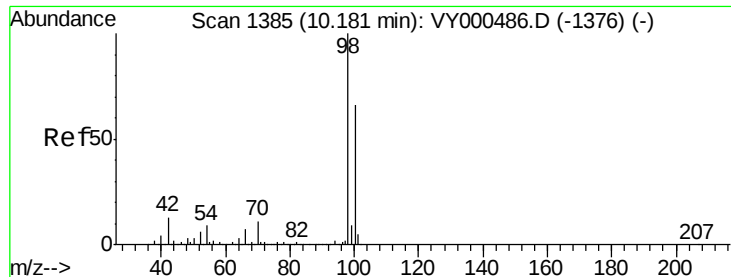
Tot Ion	75	Resp	16797
Ion Ratio	100	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.347 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000611.D
 Acq: 08 Nov 2019 12:59

Tgt Ion	117	Resp	22733
Ion Ratio	100	Lower	Upper
117	100		
119	5.2	78.0	117.0#
121	0.0	26.6	40.0#





#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

Instrument :

MSVOA_Y

ClientSampleId :

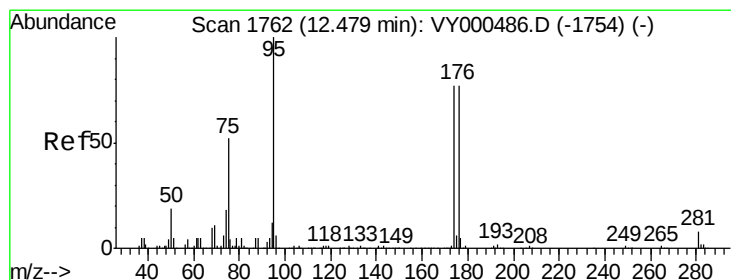
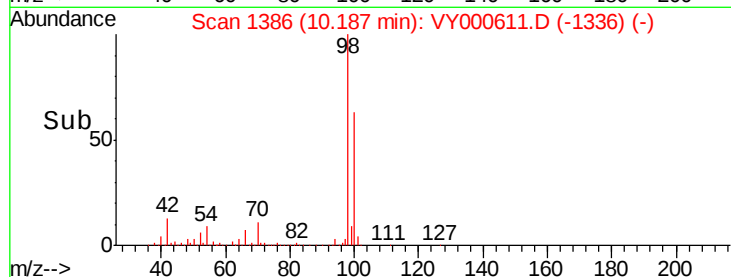
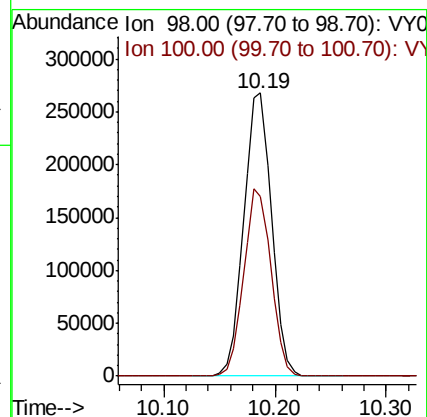
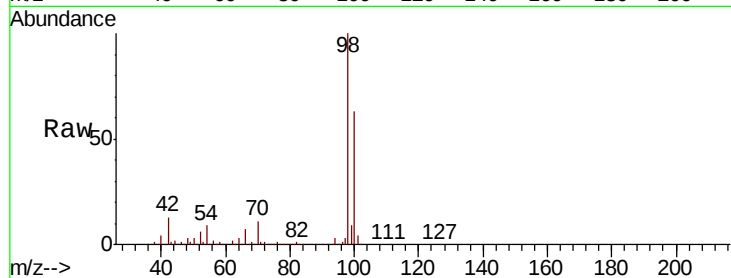
6-C

Tot Ion: 98 Resp: 463275

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3



#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

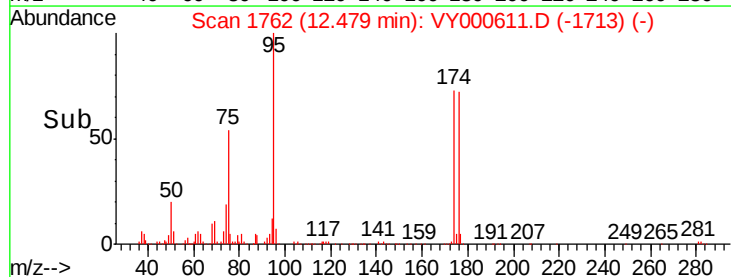
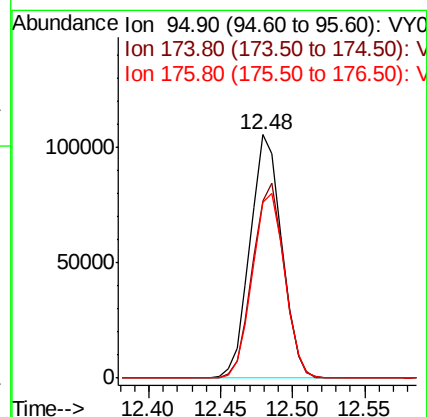
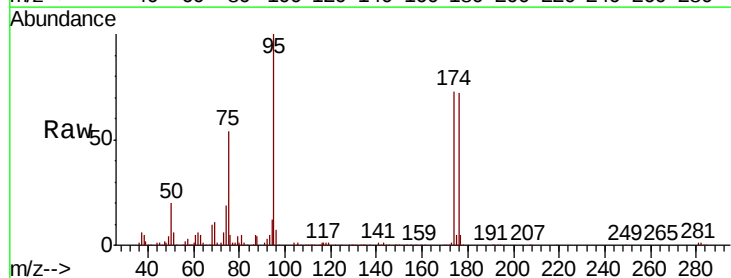
Tgt Ion: 95 Resp: 160172

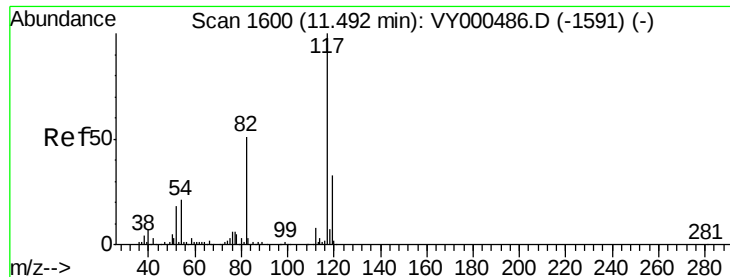
Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

176 77.4 0.0 157.8

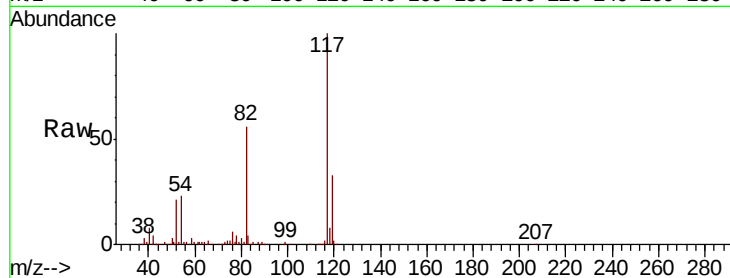




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000611.D
Acq: 08 Nov 2019 12:59

Instrument :
MSVOA_Y
ClientSampleId :
6-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	40.8	61.2
119	32.6	26.2	39.2

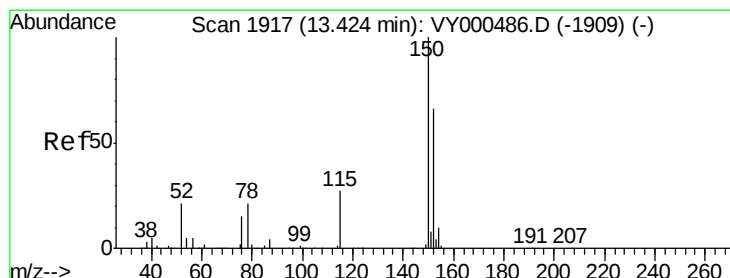
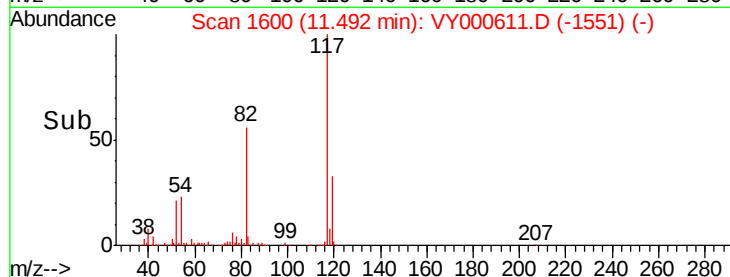
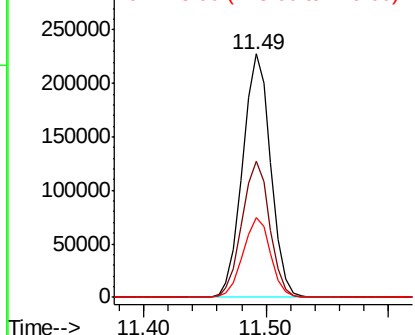


Abundance

Ion 116.90 (116.60 to 117.60): V

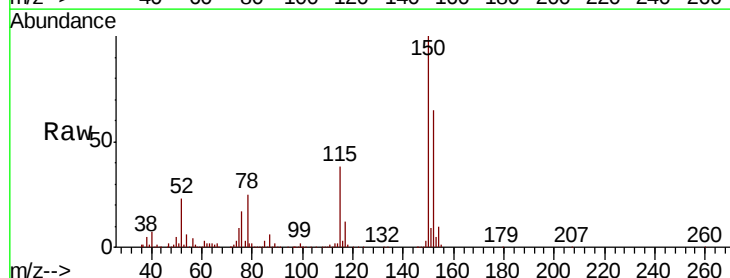
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#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

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

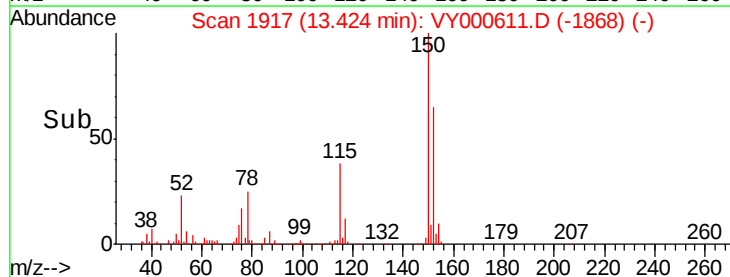
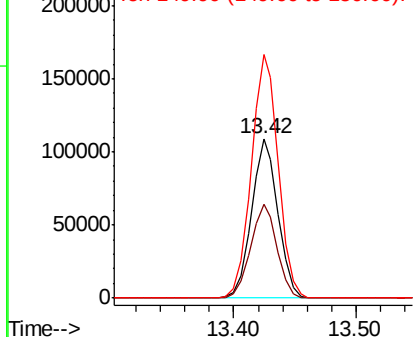


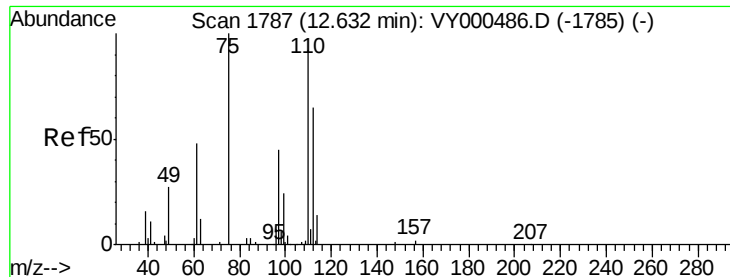
Abundance

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





#76

1,2,3-Trichloropropane

Concen: 46.549 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

Instrument :

MSVOA_Y

ClientSampleId :

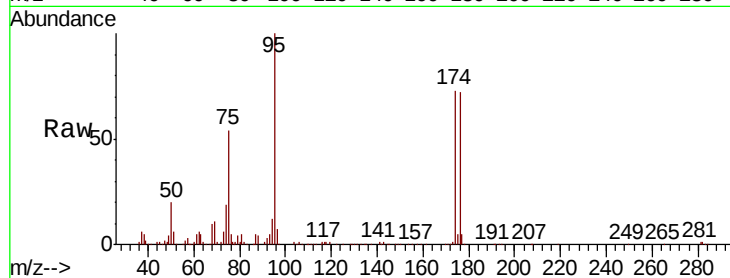
6-C

Tot Ion: 75 Resp: 86102

Ion Ratio Lower Upper

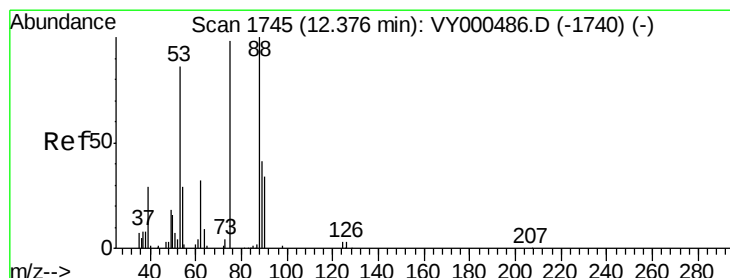
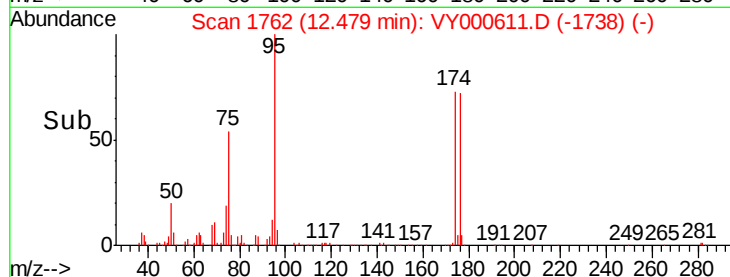
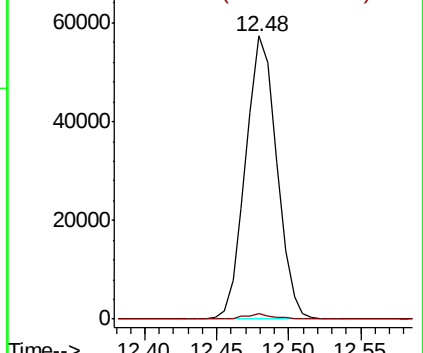
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 104.368 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000611.D

Acq: 08 Nov 2019 12:59

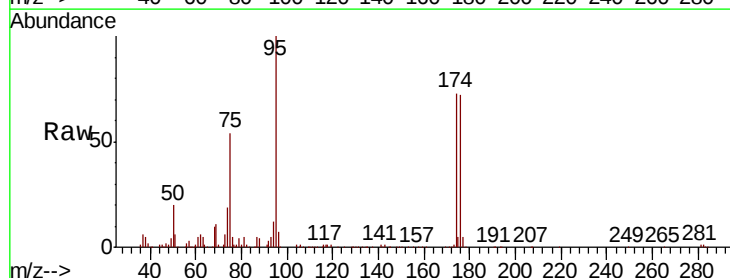
Tgt Ion: 75 Resp: 86102

Ion Ratio Lower Upper

75 100

53 0.1 73.2 109.8#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

