

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001813.D
 Acq On : 02 Mar 2020 12:28
 Operator : SY/MD
 Sample : L1743-01
 Misc : 6.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-7

Quant Time: Mar 12 11:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

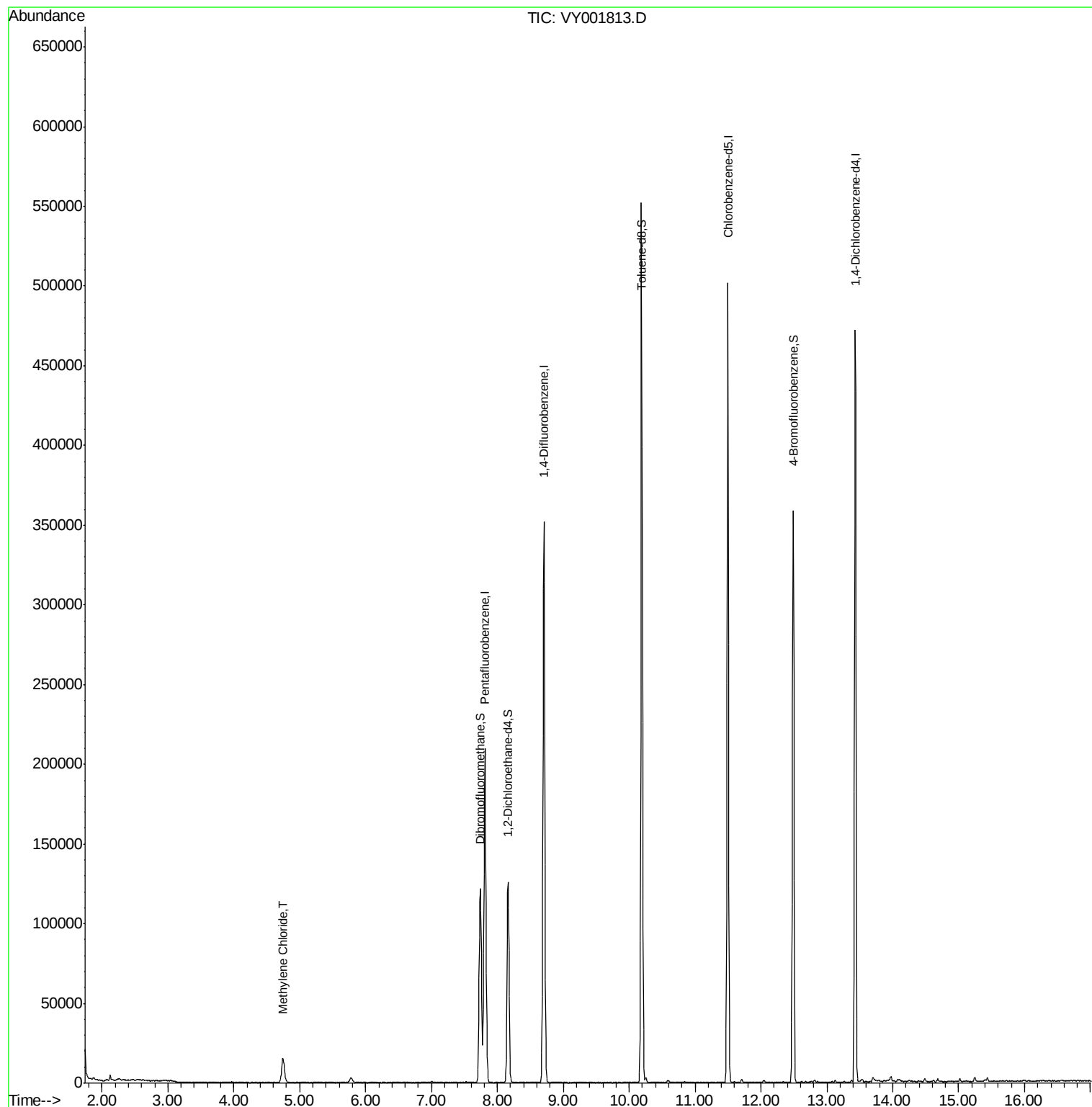
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	156938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	297496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91106	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
35) Dibromofluoromethane	7.74	113	85811	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.19	98	360155	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.49	95	120443	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
20) Methylene Chloride	4.75	84	11204	5.400	ug/l	Qvalue 94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampled :

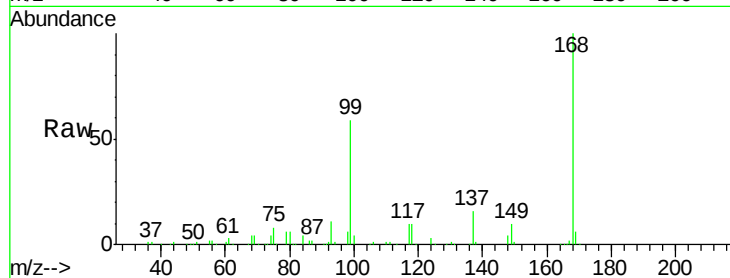
G-7

Tot Ion:168 Resp: 156938

Ion Ratio Lower Upper

168 100

99 59.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

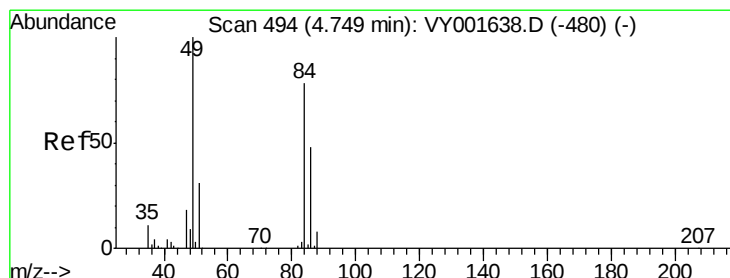
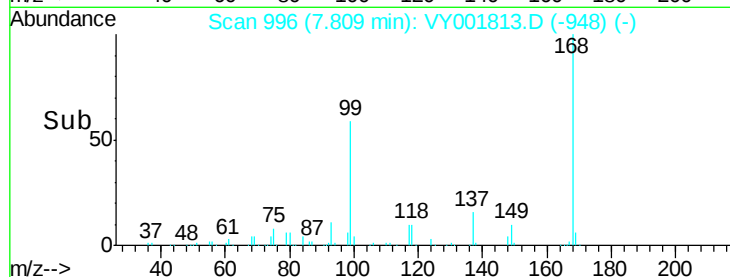
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.400 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.00 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Tgt Ion: 84 Resp: 11204

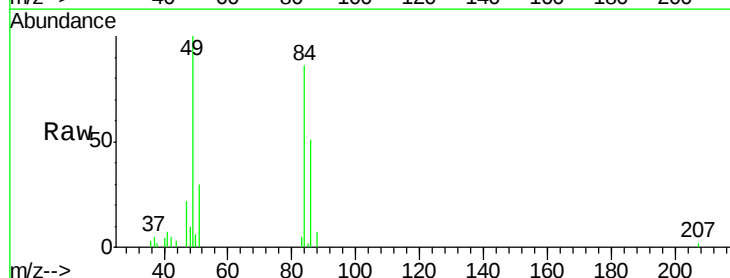
Ion Ratio Lower Upper

84 100

49 116.6 99.2 148.8

51 34.7 31.5 47.3

86 59.6 51.0 76.6



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

4.75

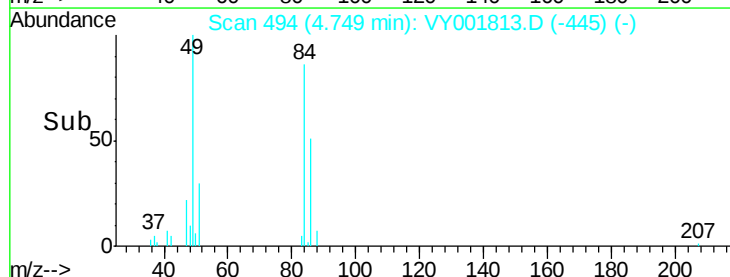
6000

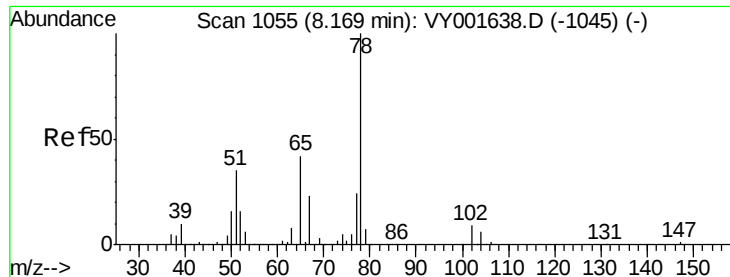
4000

2000

0

Time-->

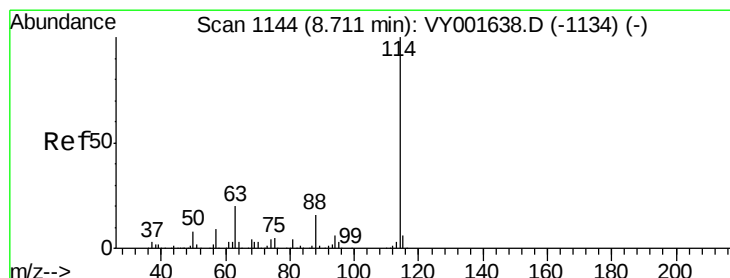
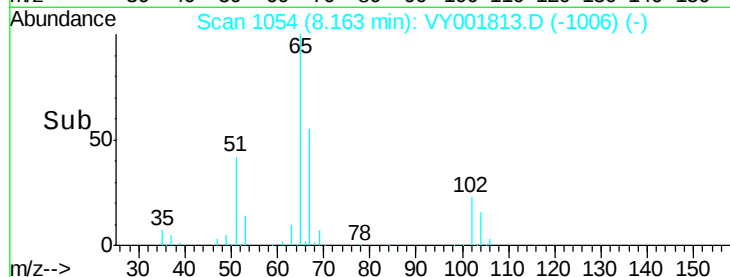
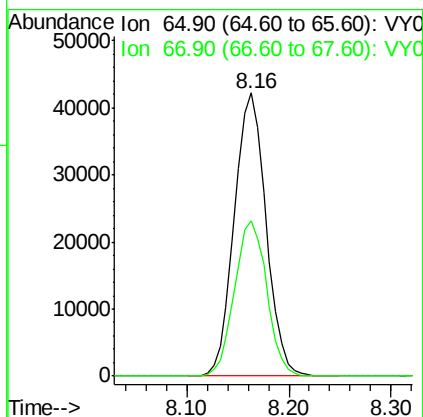
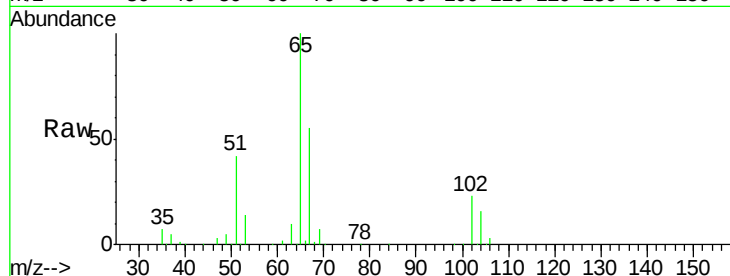




#33
 1,2-Dichloroethane-d4
 Concen: 53.970 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

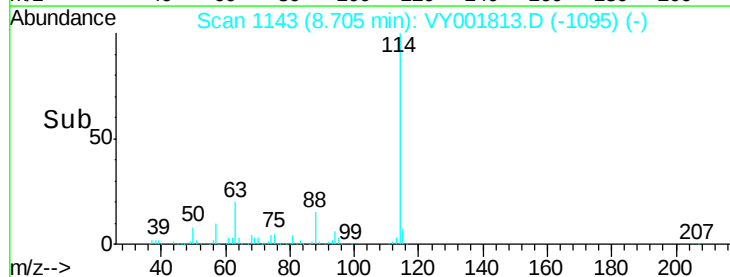
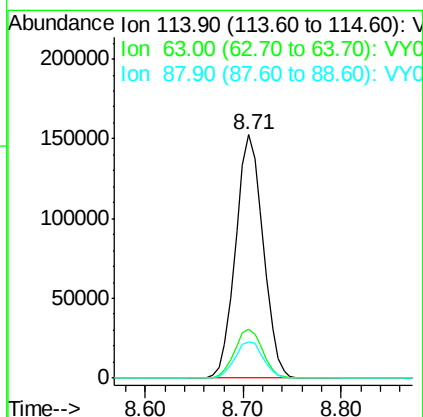
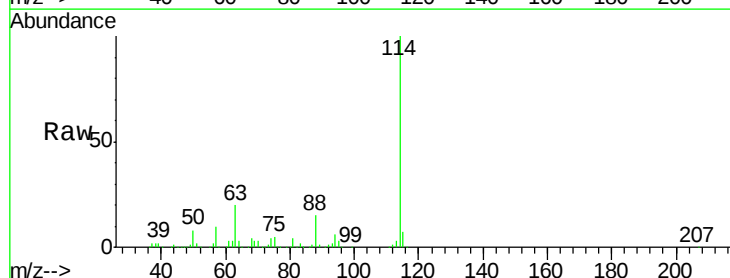
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-7

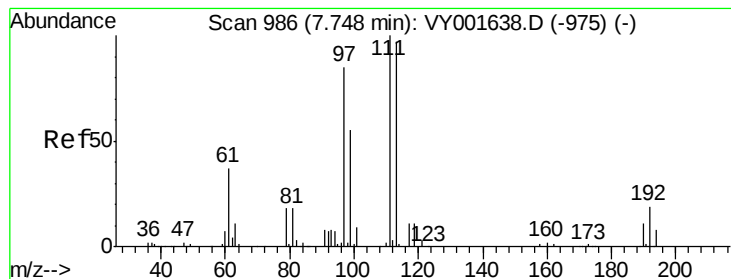
Tot Ion: 65 Resp: 91106
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001813.D
 Acq: 02 Mar 2020 12:28

Tgt Ion: 114 Resp: 297496
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.361 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampled :

G-7

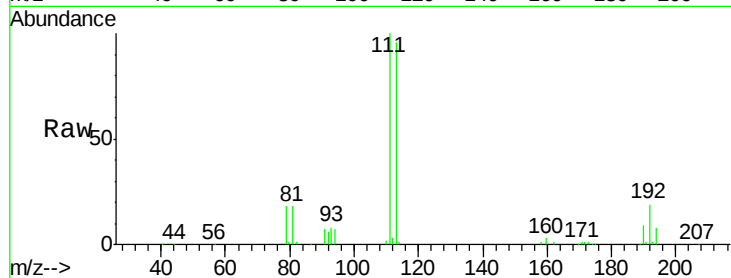
Tot Ion:113 Resp: 85811

Ion Ratio Lower Upper

113 100

111 105.6 81.9 122.9

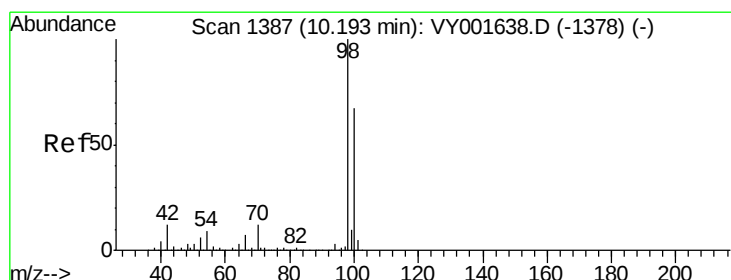
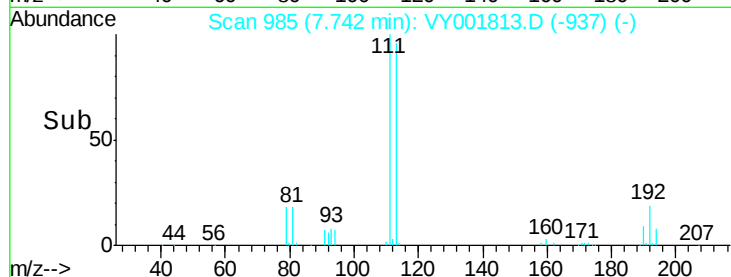
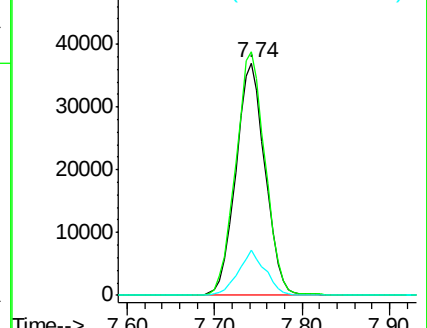
192 18.0 14.3 21.5



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: 53.952 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001813.D

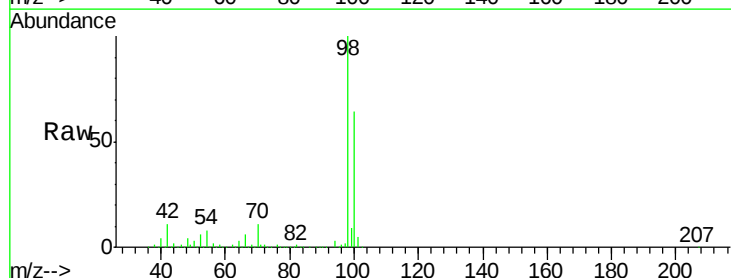
Acq: 02 Mar 2020 12:28

Tgt Ion: 98 Resp: 360155

Ion Ratio Lower Upper

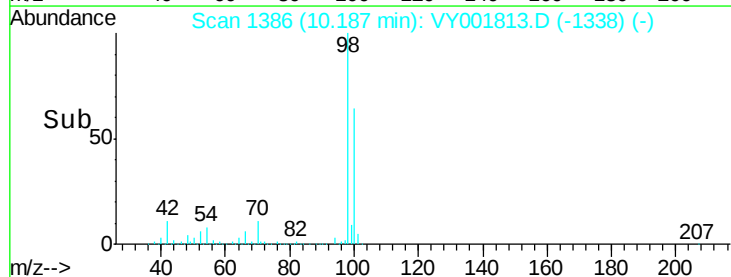
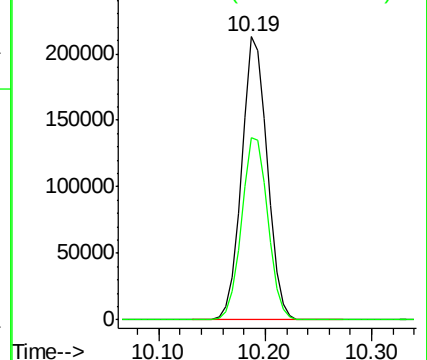
98 100

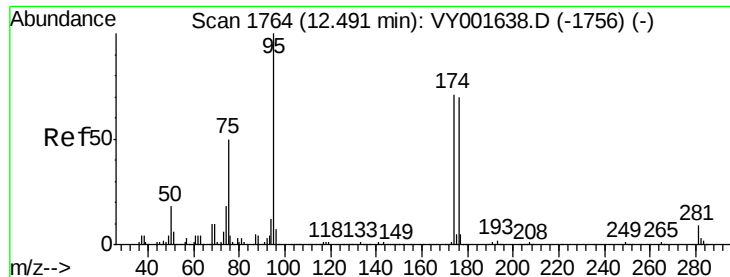
100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

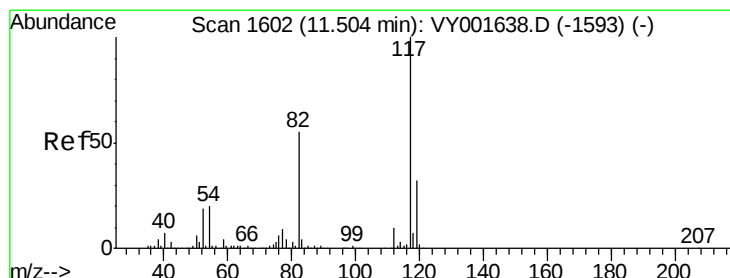
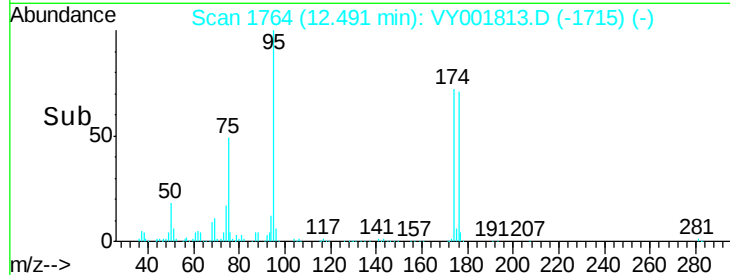
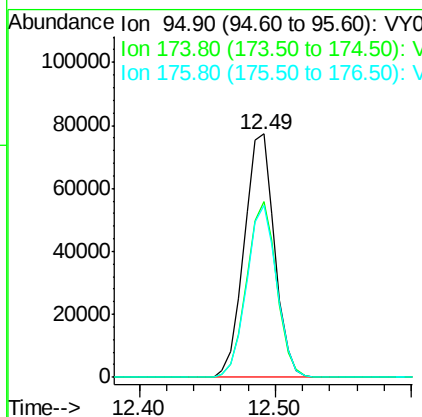
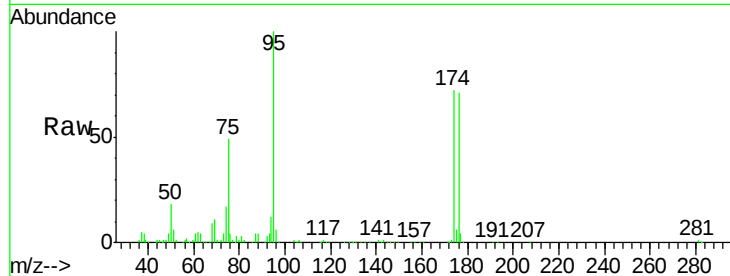




#62
4-Bromofluorobenzene
Concen: 46.443 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

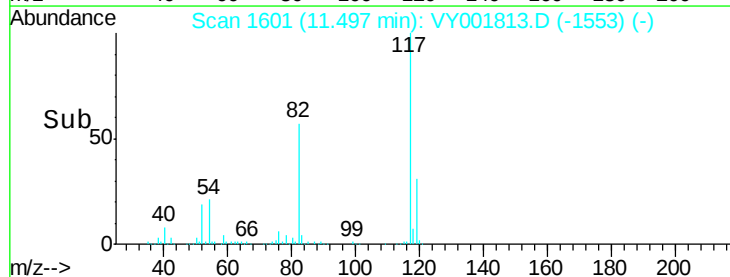
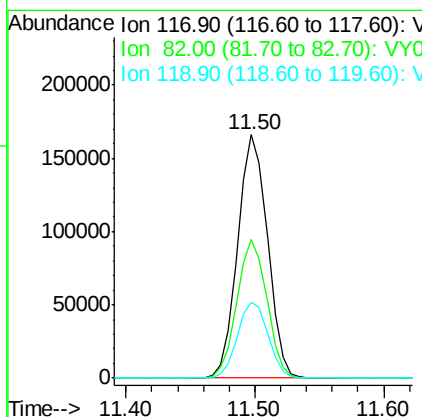
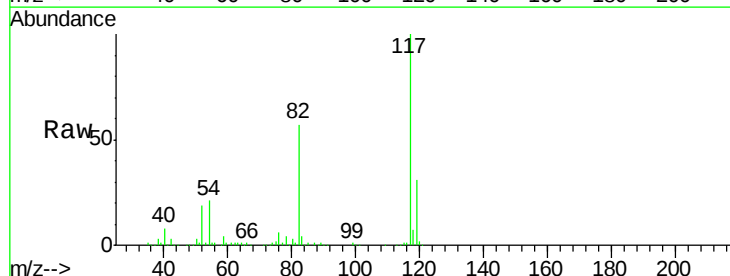
Instrument :
MSVOA_Y
ClientSampled :
G-7

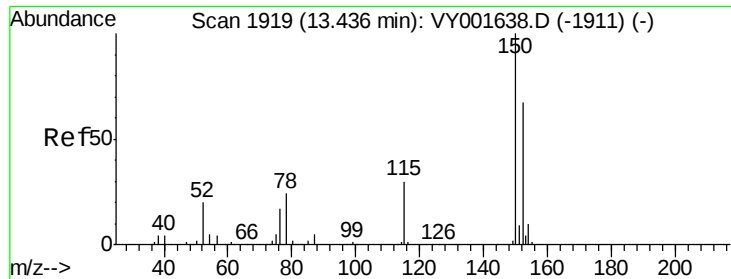
Tot Ion: 95 Resp: 120443
Ion Ratio Lower Upper
95 100
174 71.2 0.0 138.4
176 70.1 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001813.D
Acq: 02 Mar 2020 12:28

Tgt Ion: 117 Resp: 266741
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001813.D

Acq: 02 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

G-7

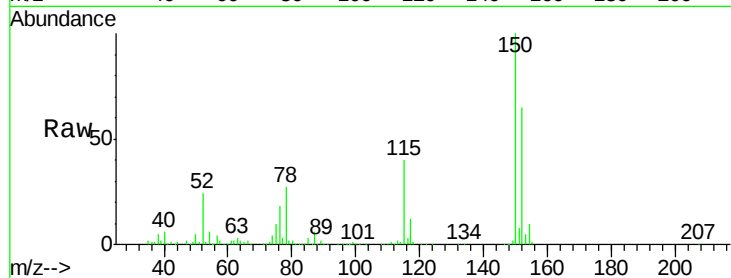
Tot Ion:152 Resp: 115121

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.2

150 156.2 0.0 407.2



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

