

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001697.D
 Acq On : 19 Feb 2020 13:31
 Operator : SY/MD
 Sample : L1362-01
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-021820

Quant Time: Feb 20 05:57:02 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

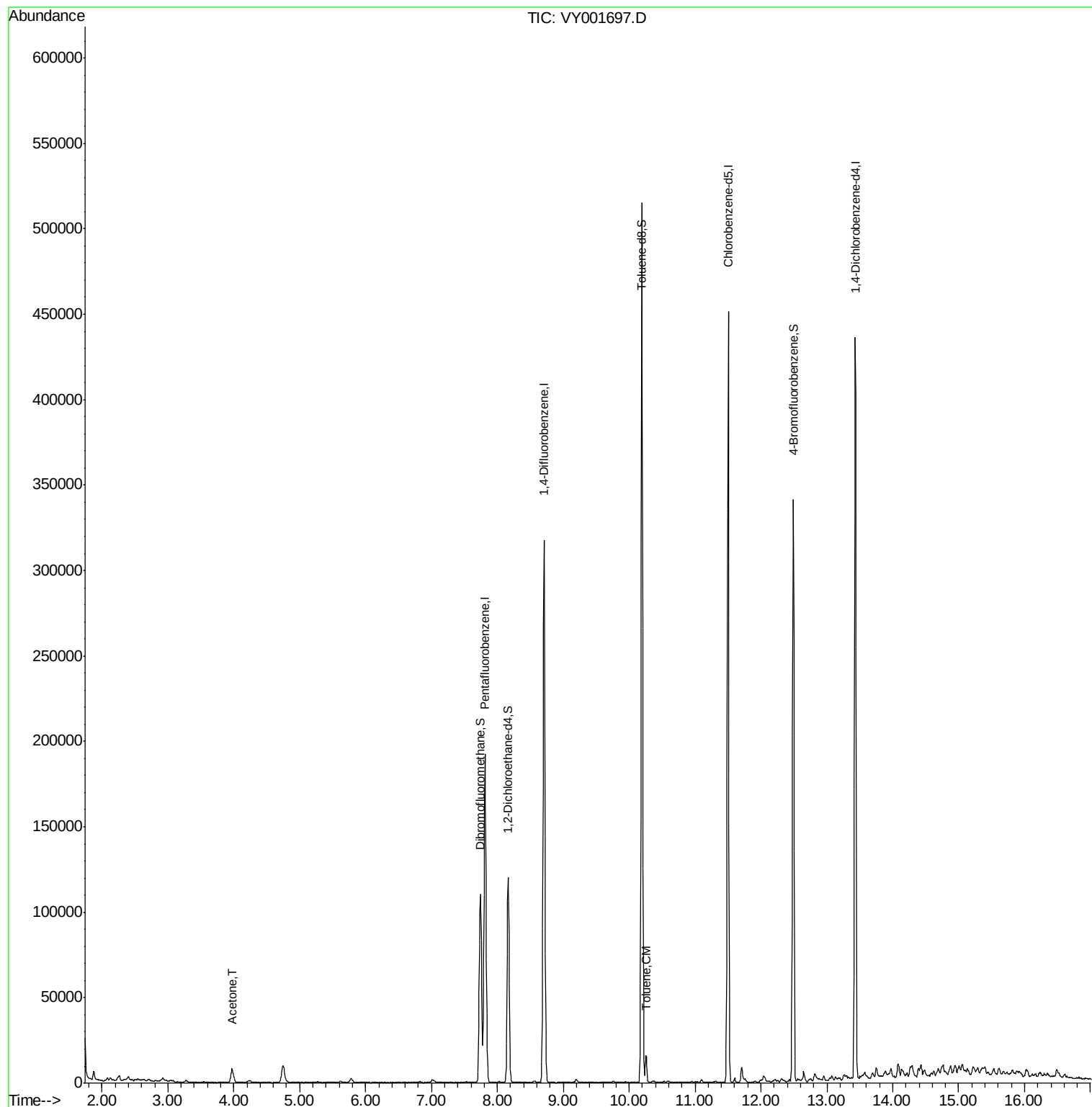
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	146019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	272189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	244467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87245	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
35) Dibromofluoromethane	7.74	113	78509	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.19	98	328104	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.49	95	108835	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
16) Acetone	3.97	43	14254	26.228	ug/l #	85
52) Toluene	10.25	92	6283	1.317	ug/l	98

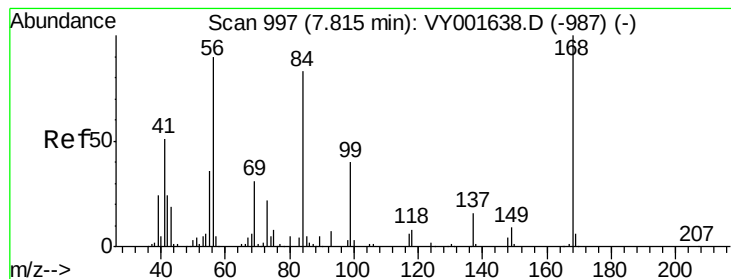
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001697.D

Acq: 19 Feb 2020 13:31

Instrument :

MSVOA_Y

ClientSampleId :

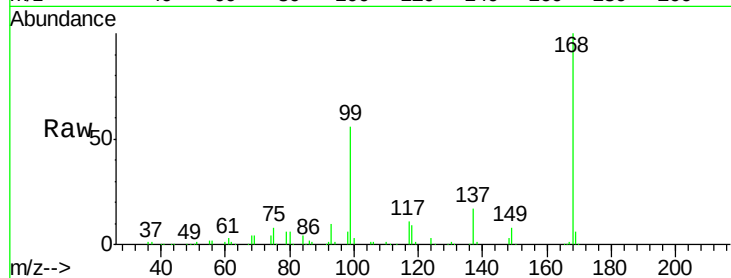
BU-03-021820

Tot Ion:168 Resp: 146019

Ion Ratio Lower Upper

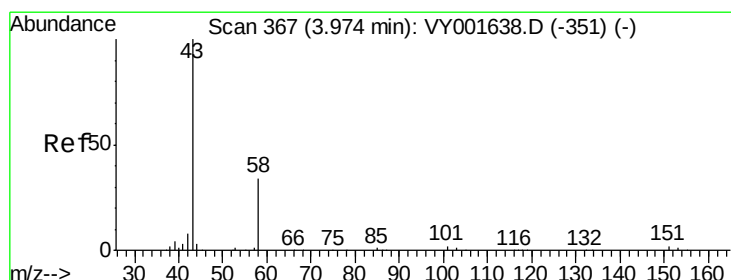
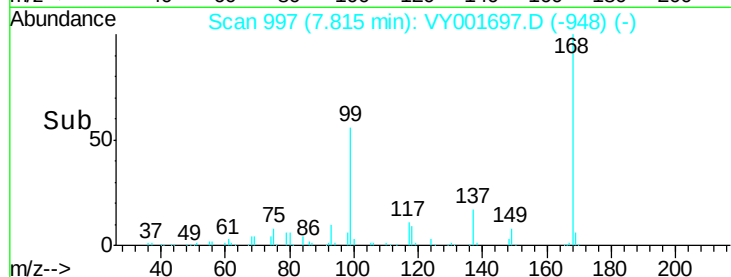
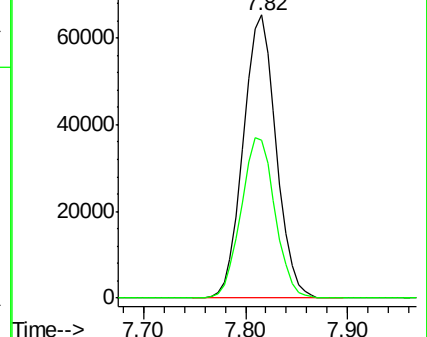
168 100

99 55.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001697.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001697.D (-948) (-)



#16

Acetone

Concen: 26.228 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001697.D

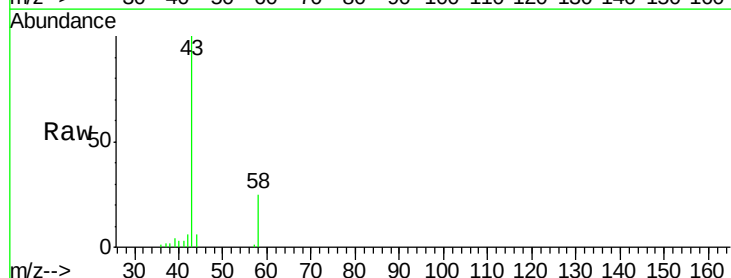
Acq: 19 Feb 2020 13:31

Tgt Ion: 43 Resp: 14254

Ion Ratio Lower Upper

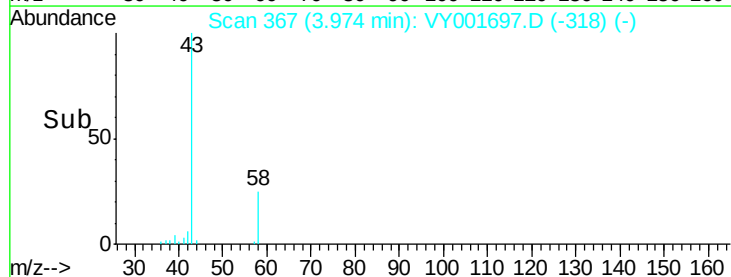
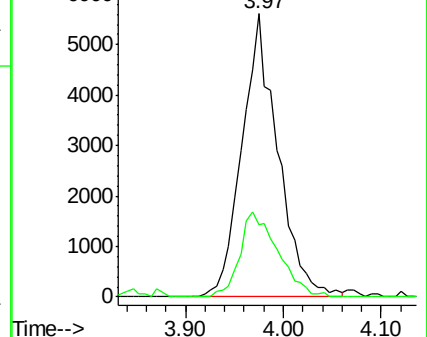
43 100

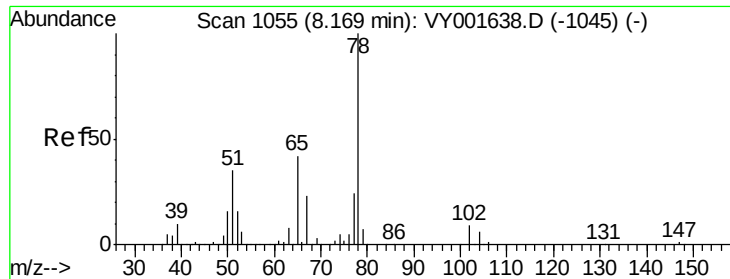
58 25.5 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001697.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001697.D (-318) (-)

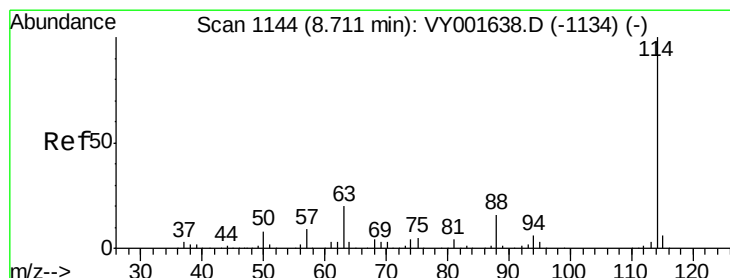
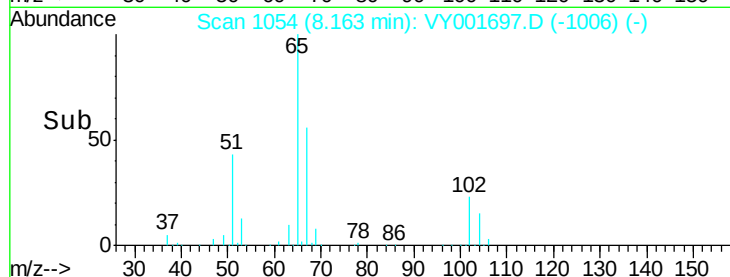
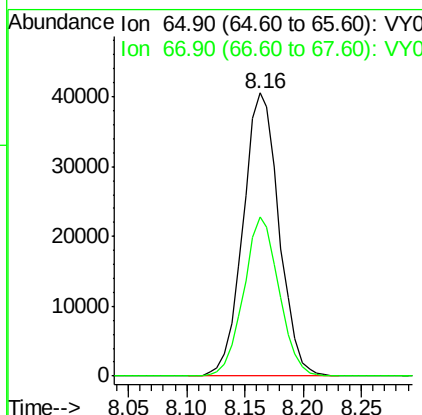
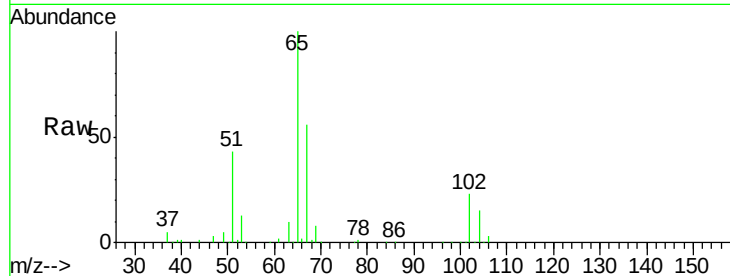




#33
 1,2-Dichloroethane-d4
 Concen: 55.547 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001697.D
 Acq: 19 Feb 2020 13:31

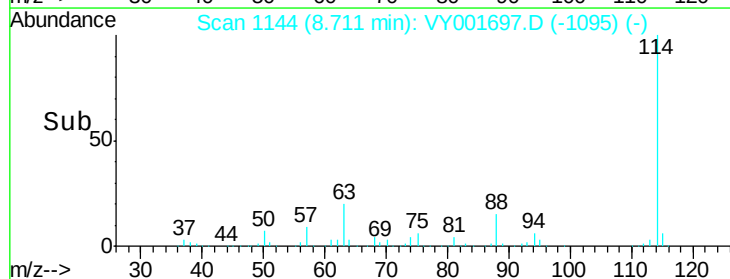
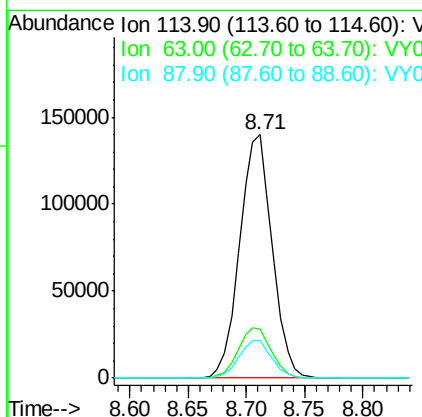
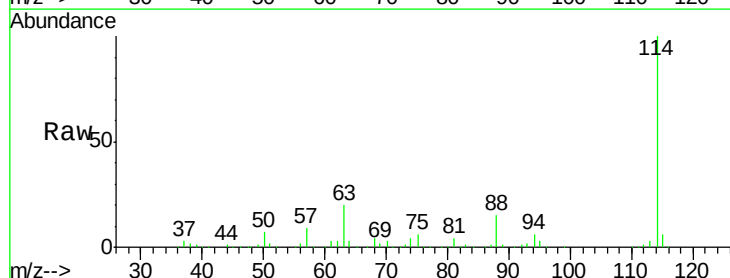
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-021820

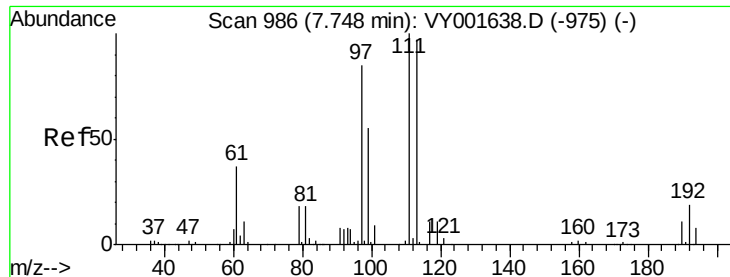
Tot Ion: 65 Resp: 87245
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001697.D
 Acq: 19 Feb 2020 13:31

Tgt Ion: 114 Resp: 272189
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.359 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001697.D

Acq: 19 Feb 2020 13:31

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-021820

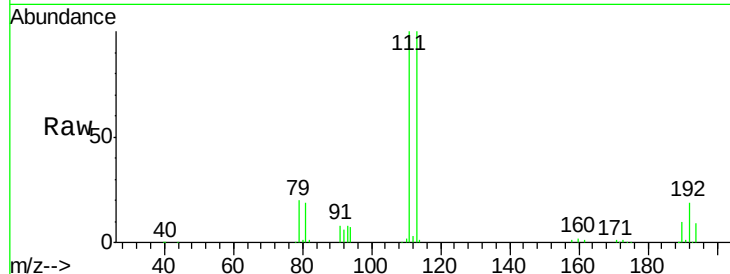
Tot Ion:113 Resp: 78509

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

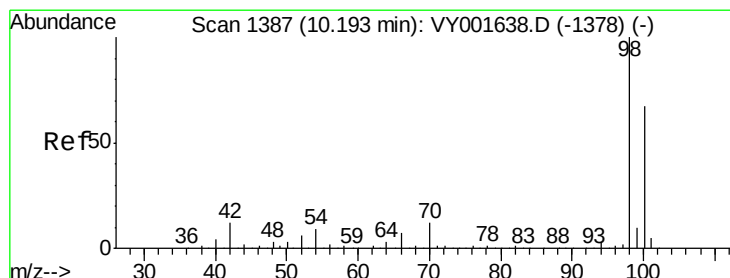
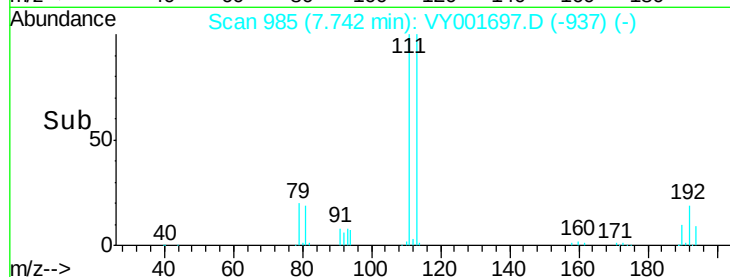
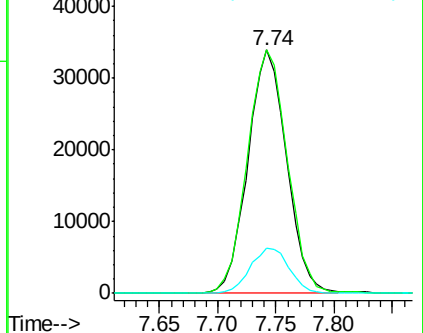
192 18.9 14.3 21.5



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: 53.721 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001697.D

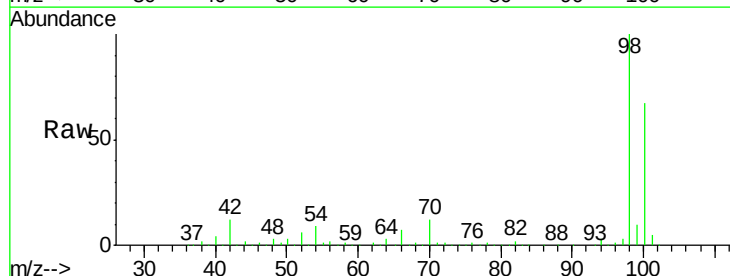
Acq: 19 Feb 2020 13:31

Tgt Ion: 98 Resp: 328104

Ion Ratio Lower Upper

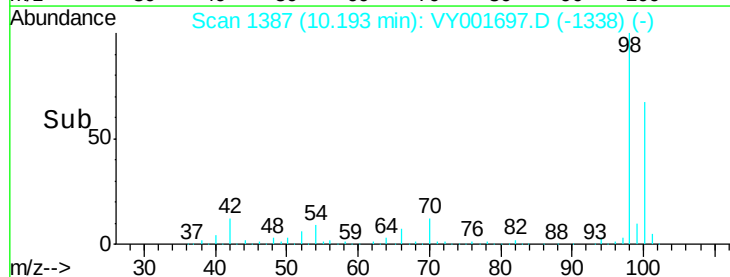
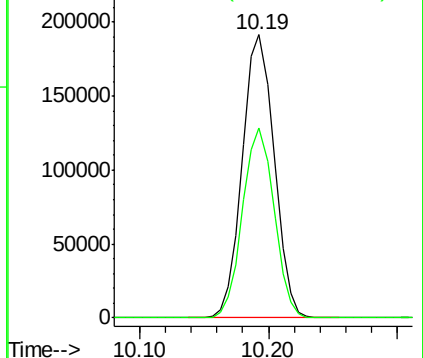
98 100

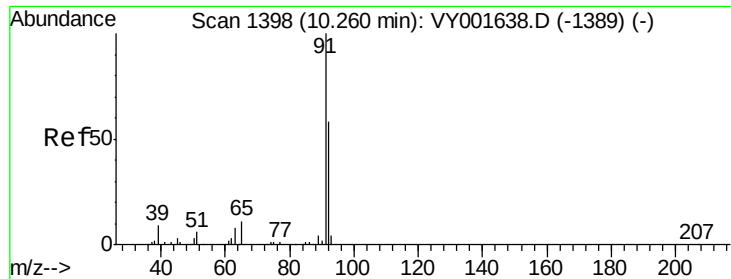
100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.317 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001697.D

Acq: 19 Feb 2020 13:31

Instrument :

MSVOA_Y

ClientSampleId :

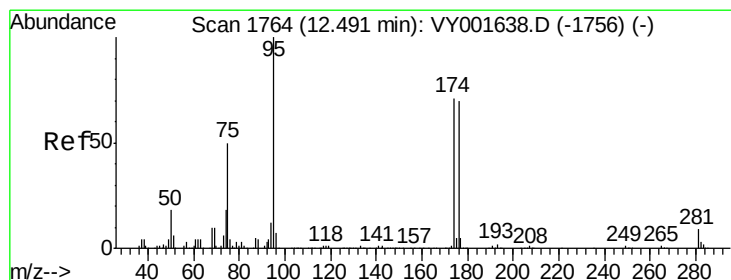
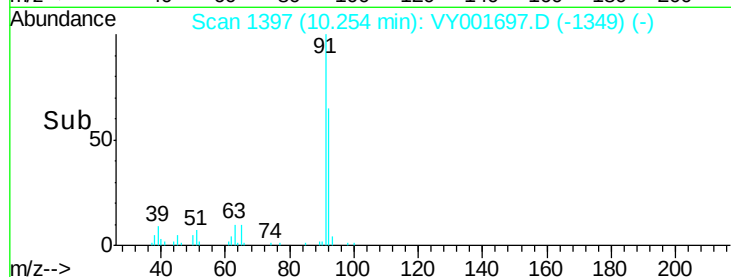
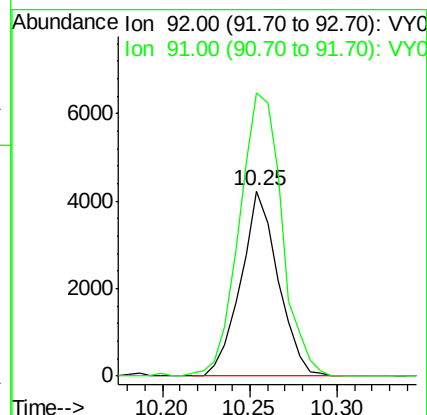
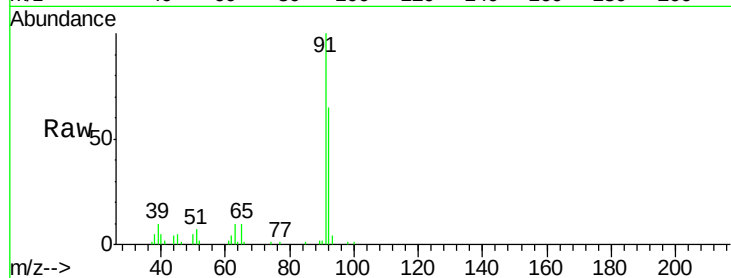
BU-03-021820

Tot Ion: 92 Resp: 6283

Ion Ratio Lower Upper

92 100

91 174.1 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 45.869 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001697.D

Acq: 19 Feb 2020 13:31

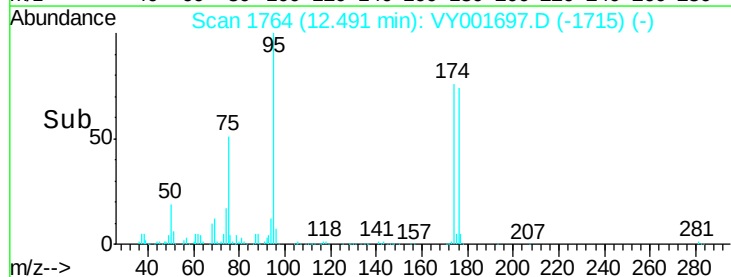
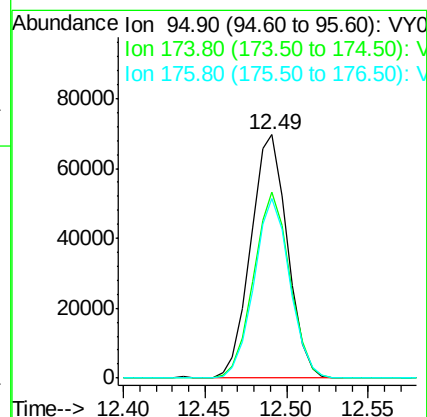
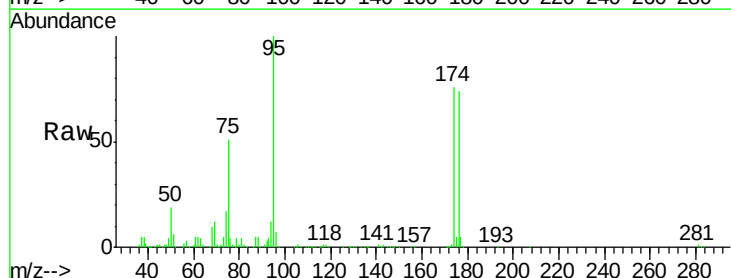
Tgt Ion: 95 Resp: 108835

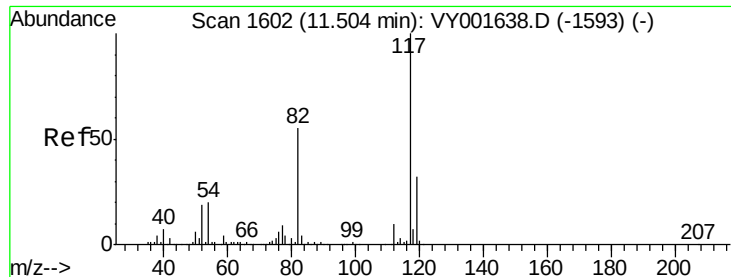
Ion Ratio Lower Upper

95 100

174 75.2 0.0 138.4

176 71.9 0.0 131.8

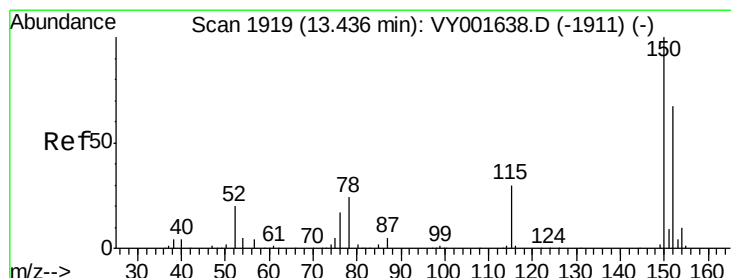
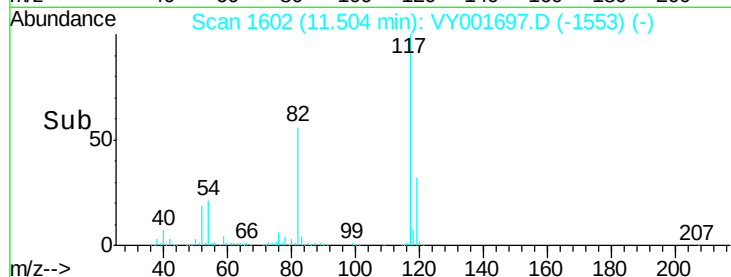
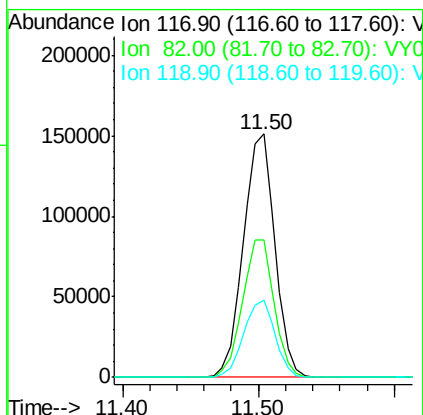
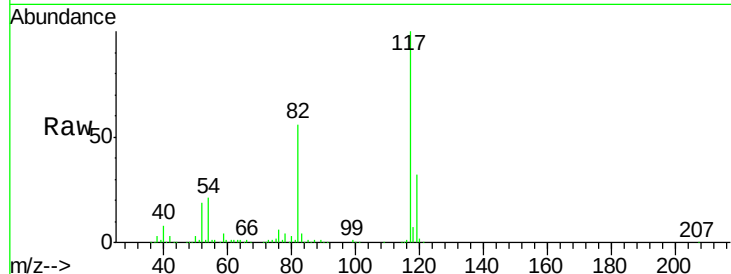




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001697.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-021820

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.5	68.3
119	32.0	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: VY001697.D
Acq: 19 Feb 2020 13:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.4	94.2
150	157.0	0.0	407.2

