

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001815.D
 Acq On : 02 Mar 2020 13:13
 Operator : SY/MD
 Sample : L1743-05
 Misc : 7.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-9

Quant Time: Mar 12 11:50:11 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	150424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	106682	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91252	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
35) Dibromofluoromethane	7.74	113	83500	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.19	98	348839	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	12.49	95	112361	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	

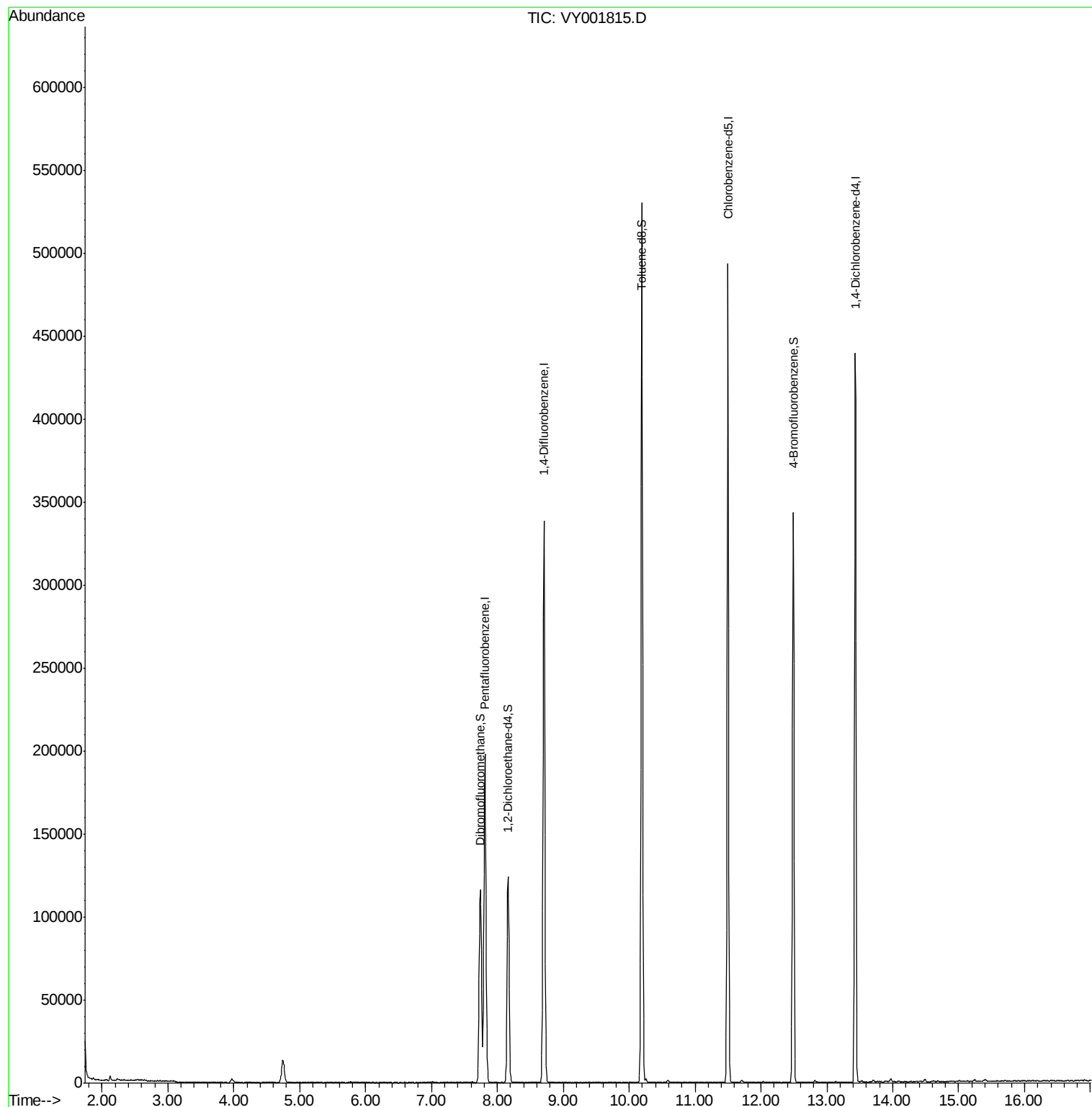
Target Compounds	Qvalue

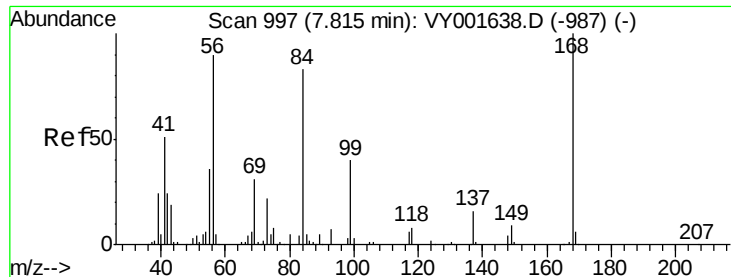
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

Instrument :

MSVOA_Y

ClientSampled :

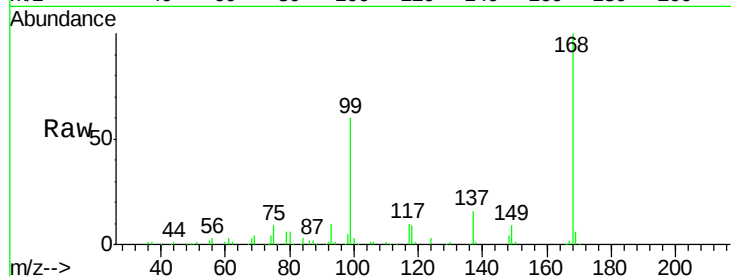
G-9

Tot Ion:168 Resp: 150424

Ion Ratio Lower Upper

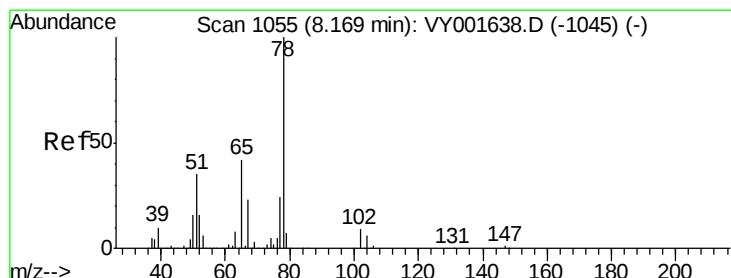
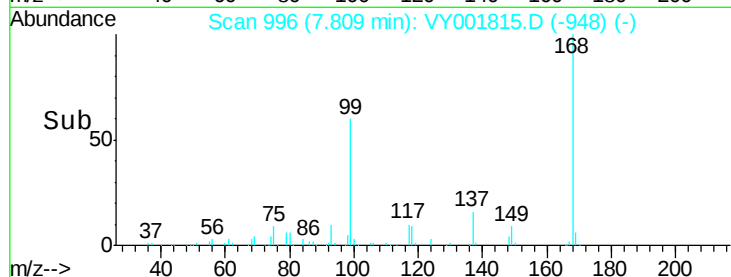
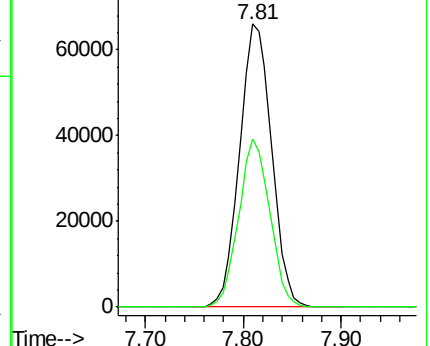
168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001815.D (-1006) (-)

Ion 98.90 (98.60 to 99.60): VY001815.D (-1006) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.397 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001815.D

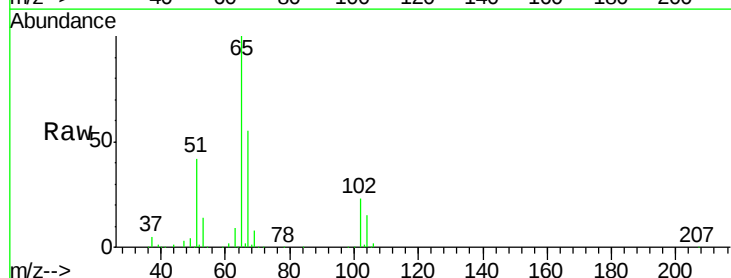
Acq: 02 Mar 2020 13:13

Tgt Ion: 65 Resp: 91252

Ion Ratio Lower Upper

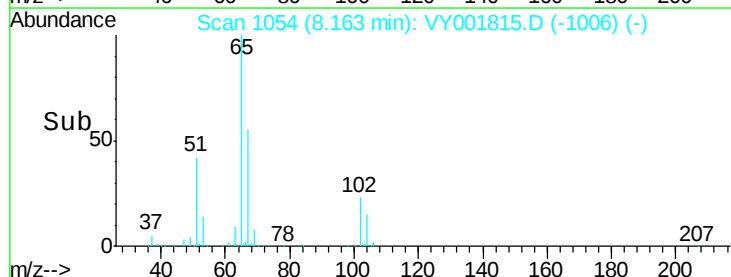
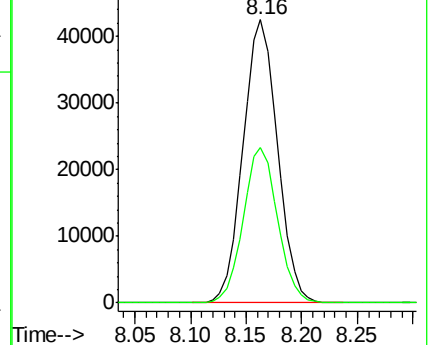
65 100

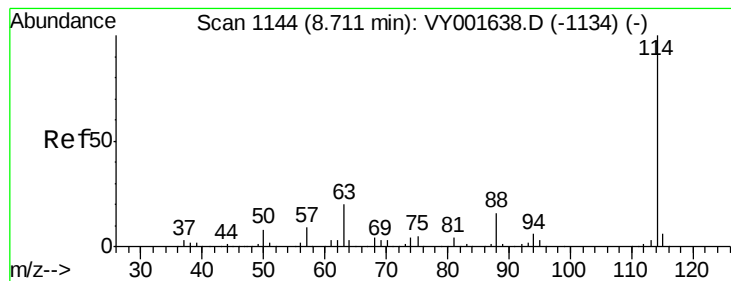
67 54.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001815.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001815.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

Instrument :

MSVOA_Y

ClientSampleId :

G-9

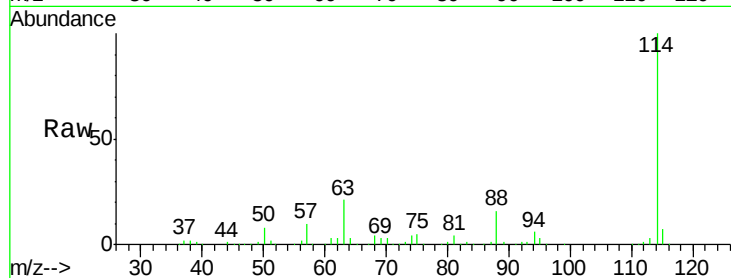
Tot Ion:114 Resp: 289342

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

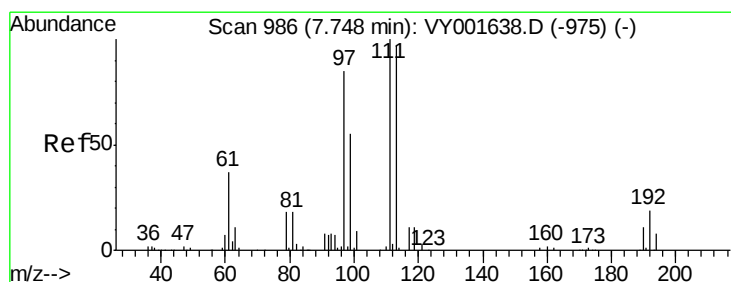
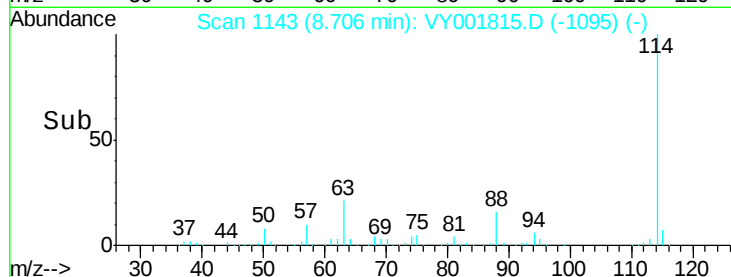
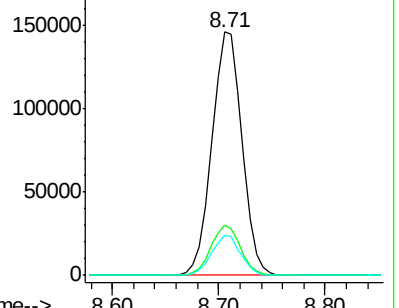
88 16.2 0.0 32.8



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: 50.385 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

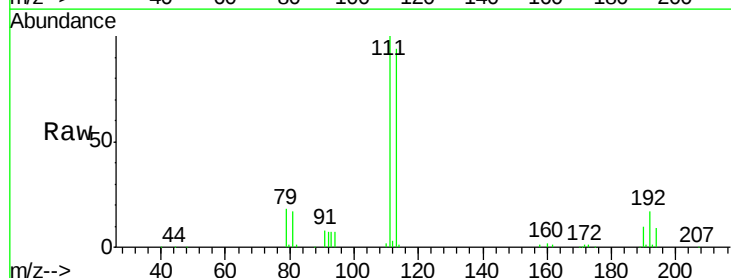
Tgt Ion:113 Resp: 83500

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

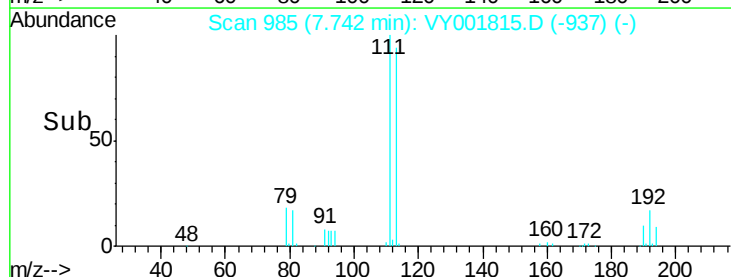
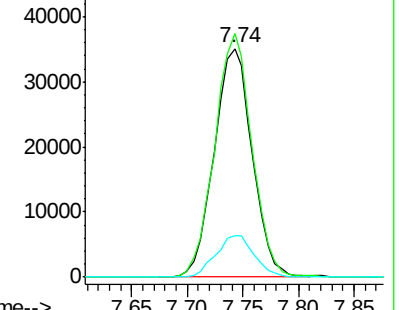
192 18.4 14.3 21.5

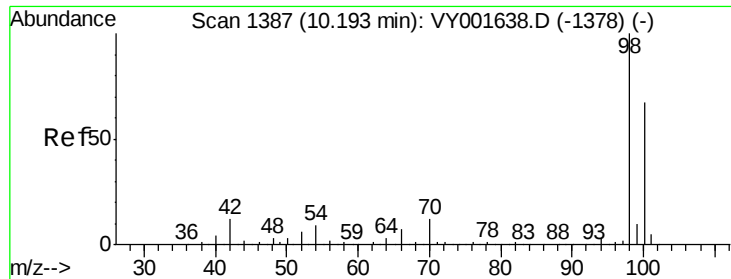


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.730 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

Instrument :

MSVOA_Y

ClientSampled :

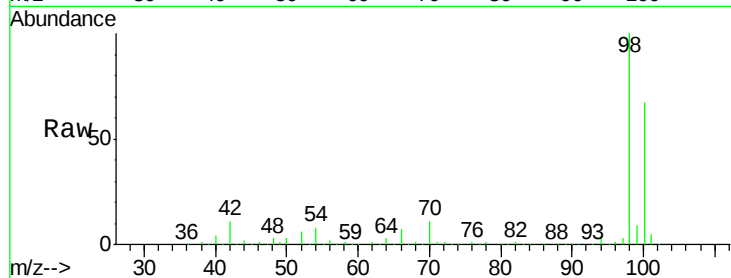
G-9

Tot Ion: 98 Resp: 348839

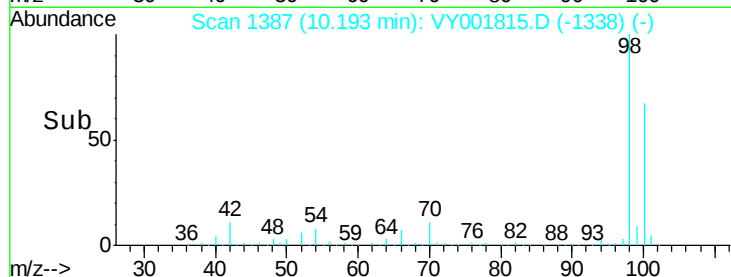
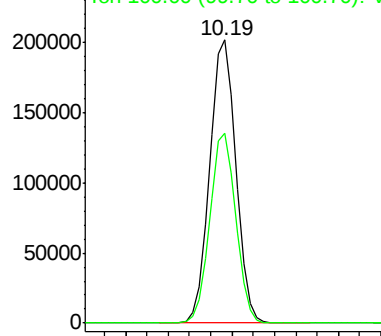
Ion Ratio Lower Upper

98 100

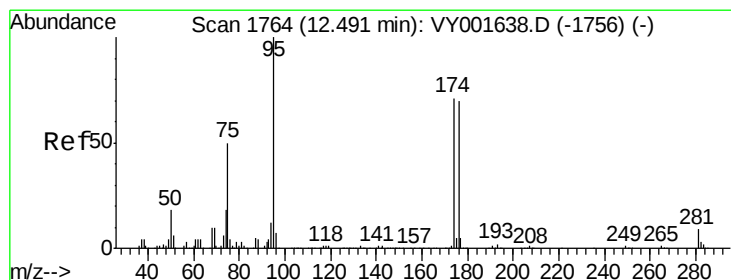
100 66.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 44.547 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001815.D

Acq: 02 Mar 2020 13:13

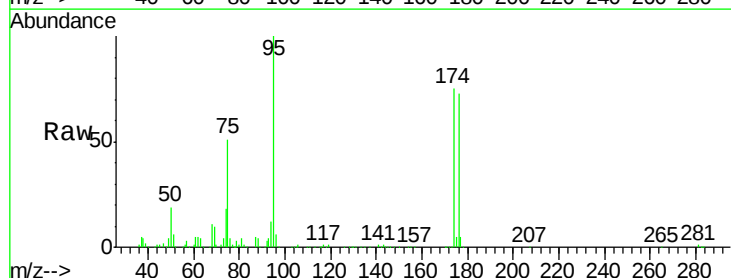
Tgt Ion: 95 Resp: 112361

Ion Ratio Lower Upper

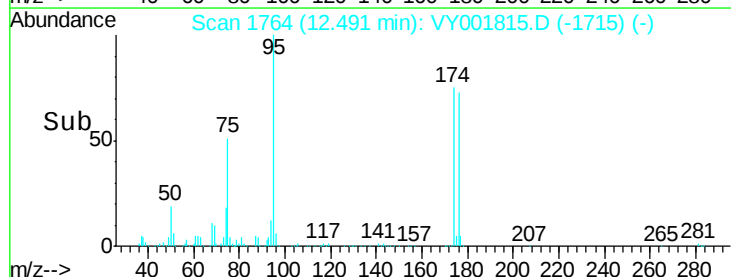
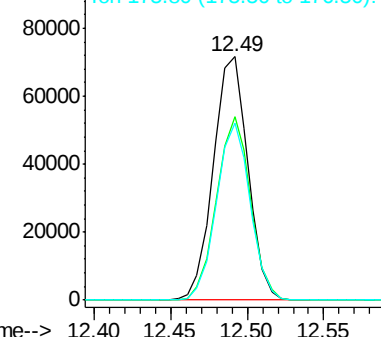
95 100

174 73.6 0.0 138.4

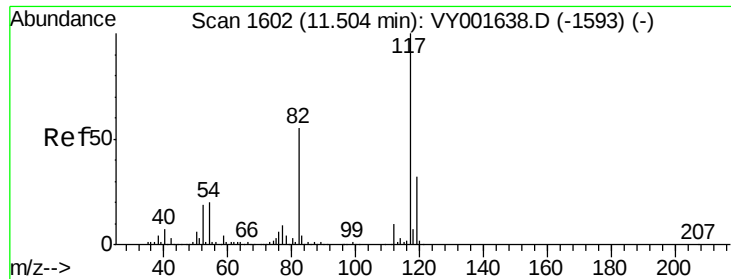
176 70.8 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)



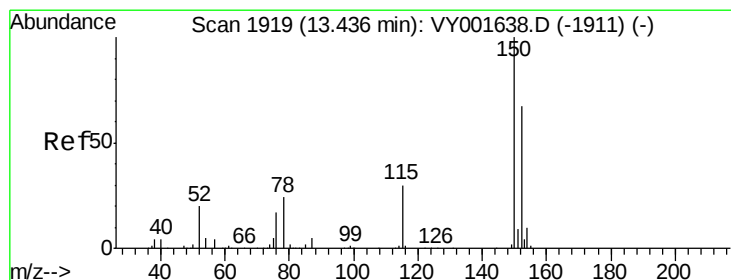
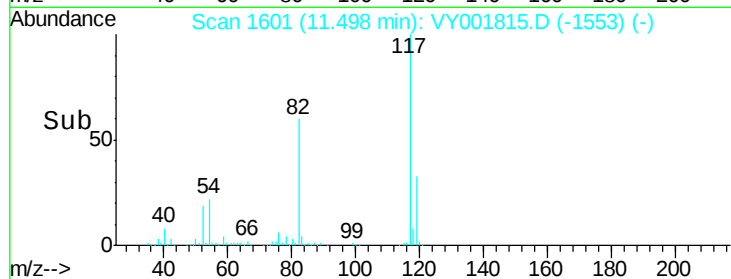
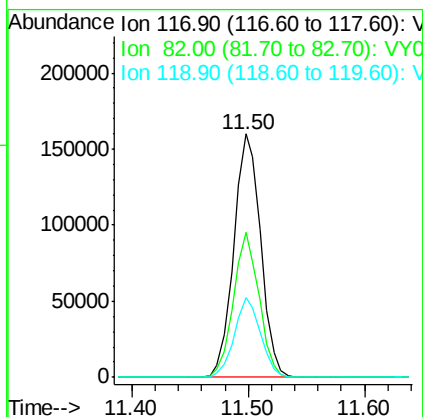
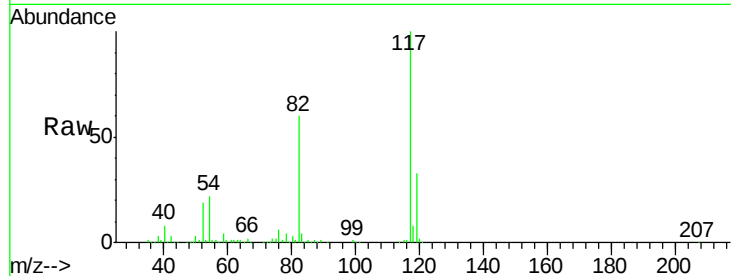
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

Instrument :
MSVOA_Y
ClientSampleId :
G-9

Tot Ion:117 Resp: 256663
Ion Ratio Lower Upper
117 100
82 59.6 45.5 68.3
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001815.D
Acq: 02 Mar 2020 13:13

Tgt Ion:152 Resp: 106682
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 158.6 0.0 407.2

