

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001333.D
 Acq On : 22 Jan 2020 16:08
 Operator : SY/MD
 Sample : L1216-03
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-2.5-3.0

Quant Time: Jan 23 02:54:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

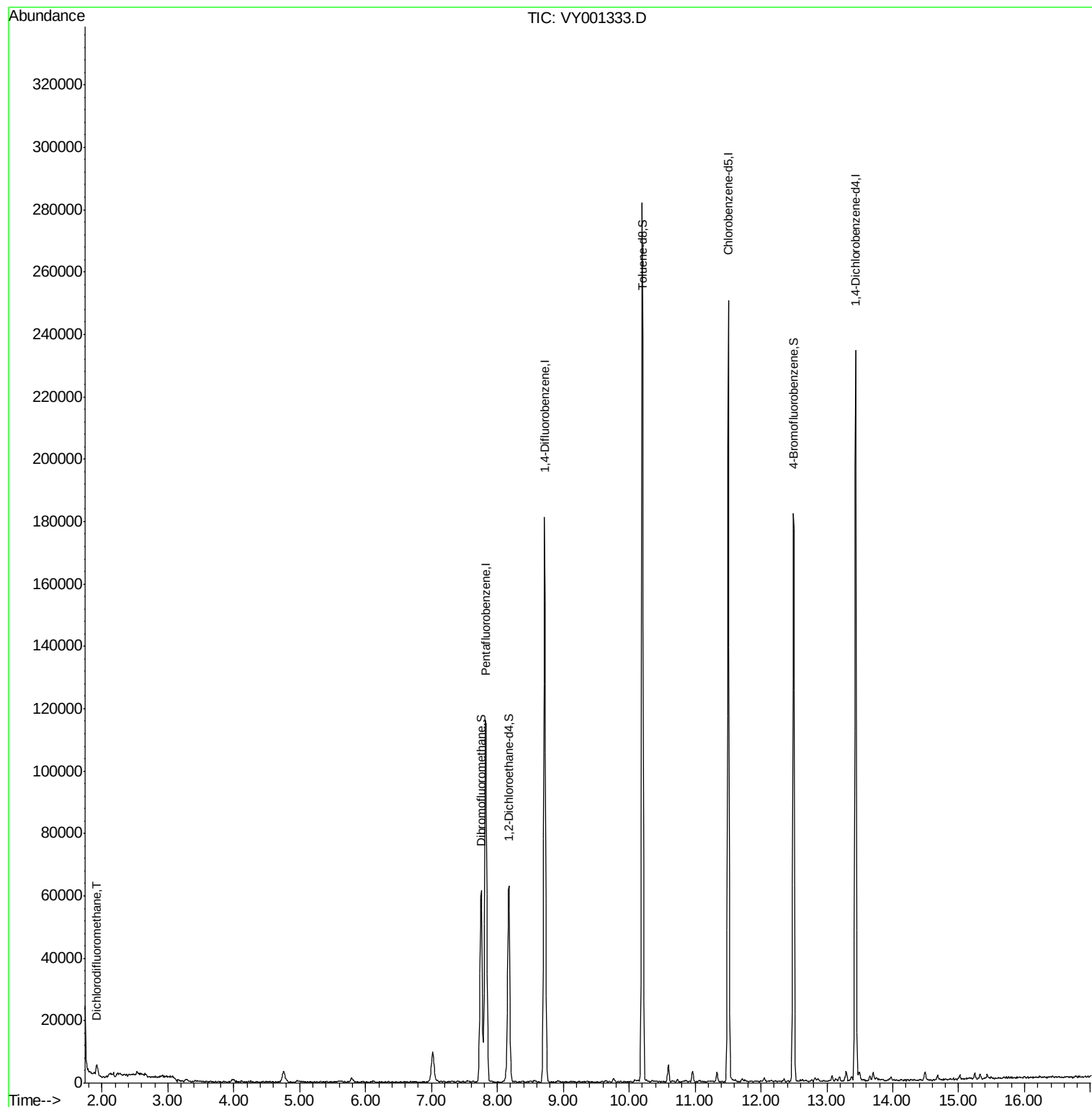
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	90474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	157466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	133609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	56909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	46079	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	7.75	113	44671	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.20	98	183328	51.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.49	95	59693	41.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.50%	
Target Compounds						
2) Dichlorodifluoromethane	1.92	85	2724	3.818	ug/l	Qvalue 89

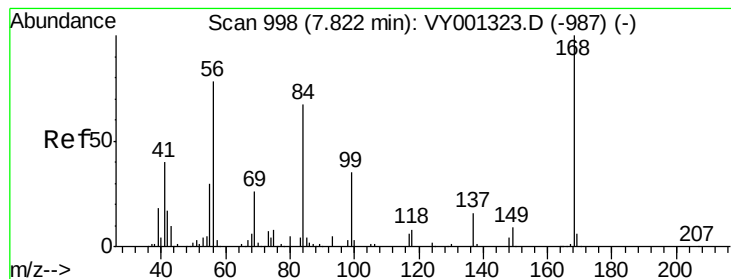
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

ClientSampled :

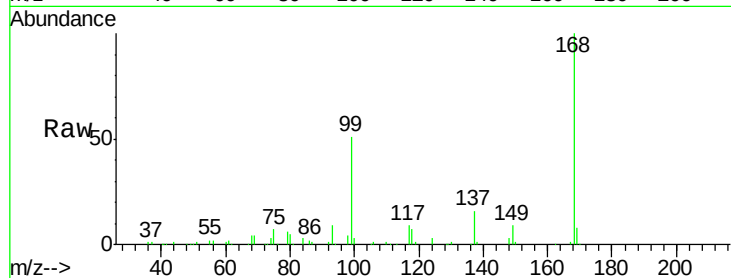
SB-02-2.5-3.0

Tot Ion:168 Resp: 90474

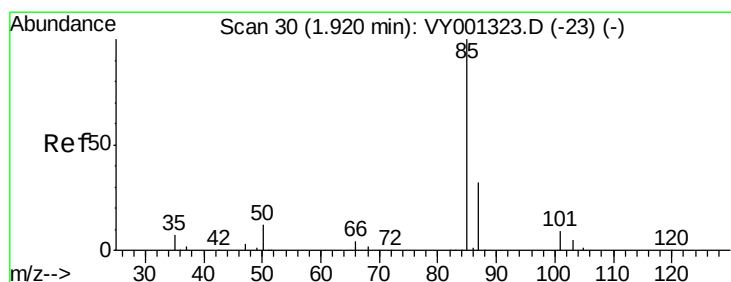
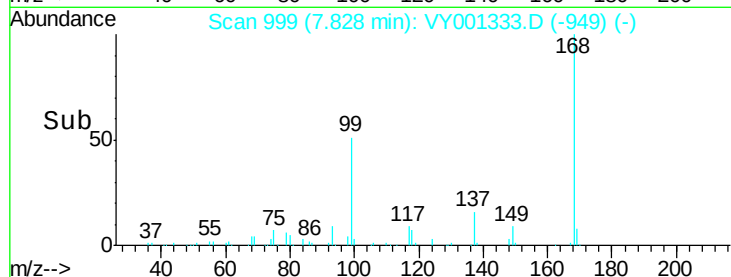
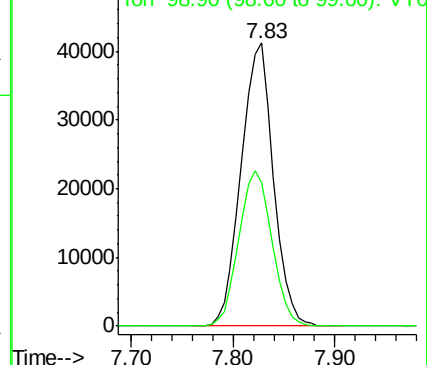
Ion Ratio Lower Upper

168 100

99 50.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001333.D (-949) (-)



#2

Dichlorodifluoromethane

Concen: 3.818 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001333.D

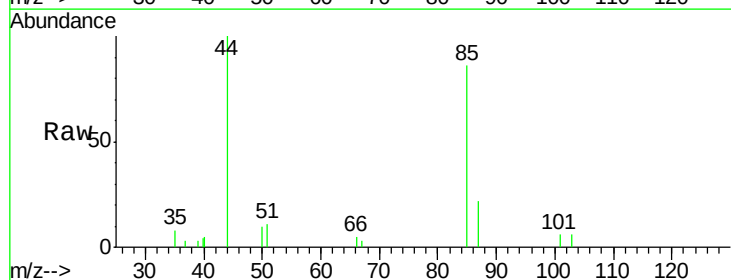
Acq: 22 Jan 2020 16:08

Tgt Ion: 85 Resp: 2724

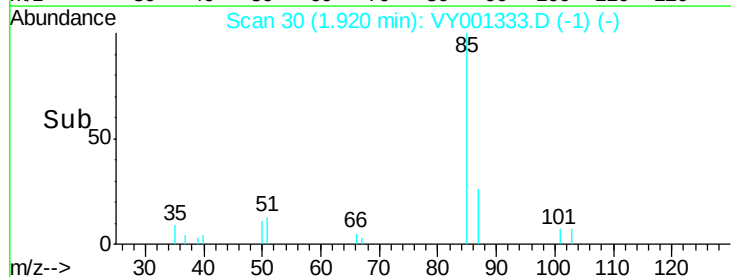
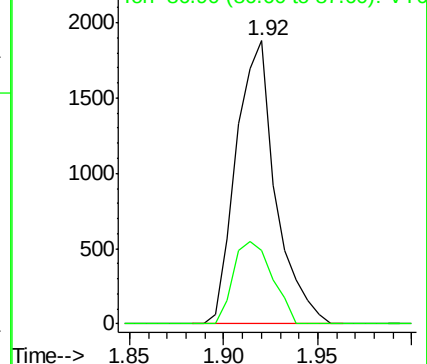
Ion Ratio Lower Upper

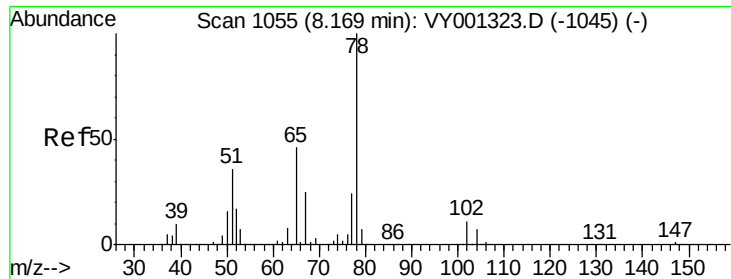
85 100

87 26.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001333.D (-1) (-)

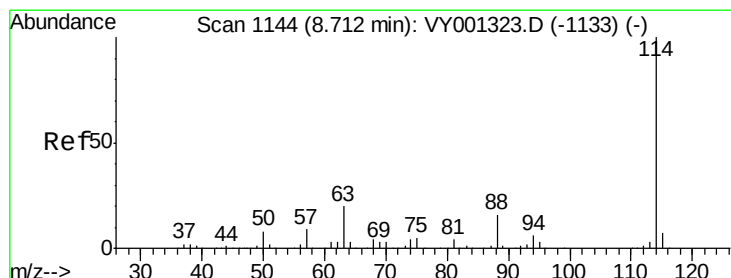
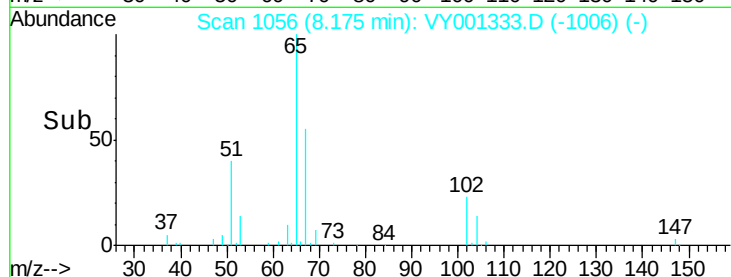
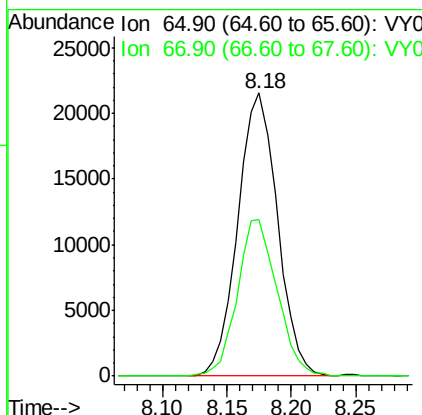
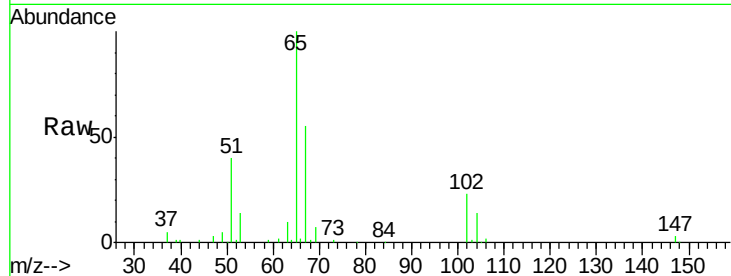




#33
 1,2-Dichloroethane-d4
 Concen: 46.805 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

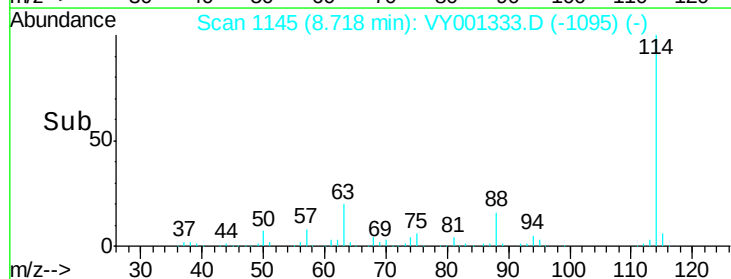
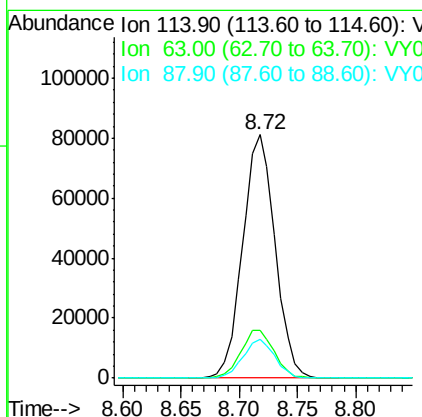
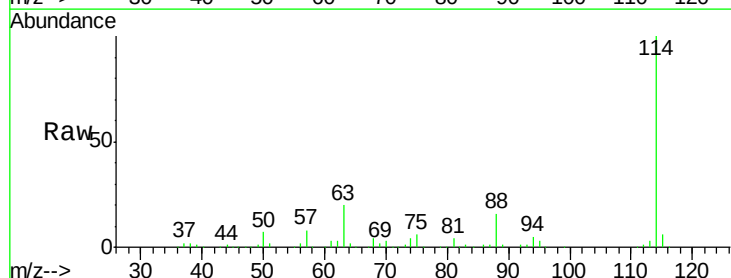
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-2.5-3.0

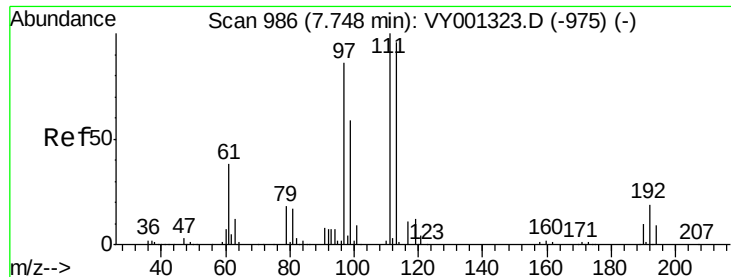
Tot Ion: 65 Resp: 46079
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

Tgt Ion: 114 Resp: 157466
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.335 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-2.5-3.0

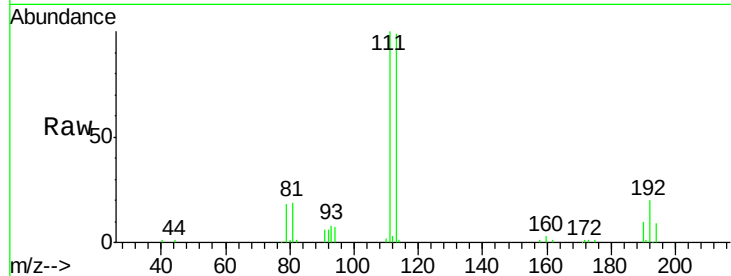
Tot Ion:113 Resp: 44671

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

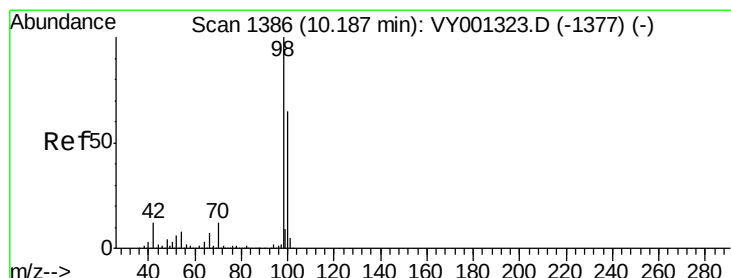
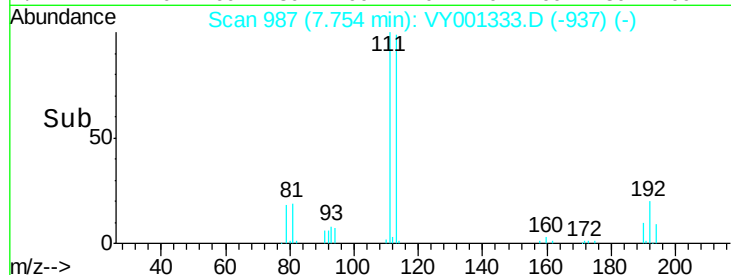
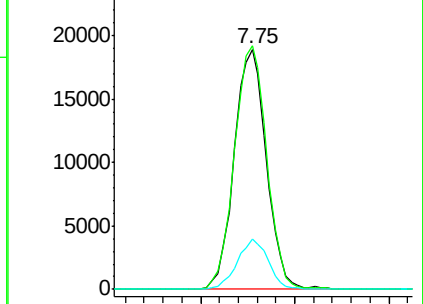
192 20.0 15.5 23.3



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: 51.057 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001333.D

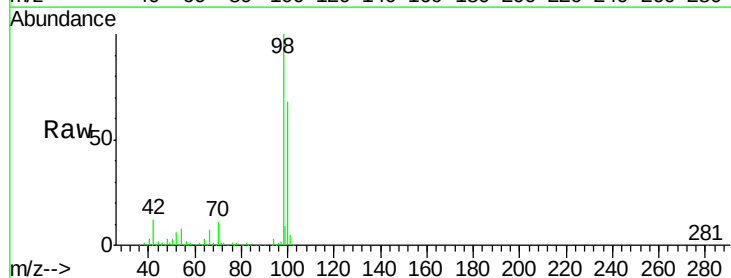
Acq: 22 Jan 2020 16:08

Tgt Ion: 98 Resp: 183328

Ion Ratio Lower Upper

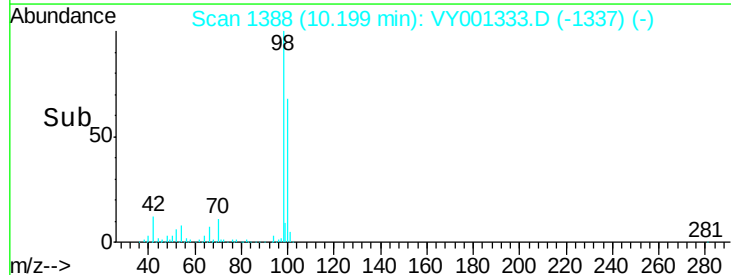
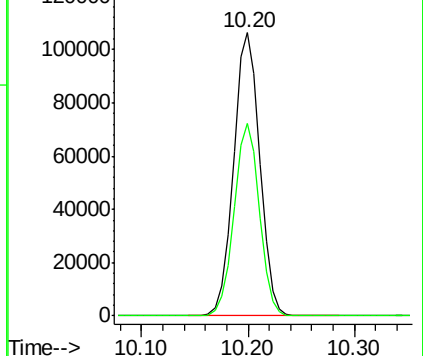
98 100

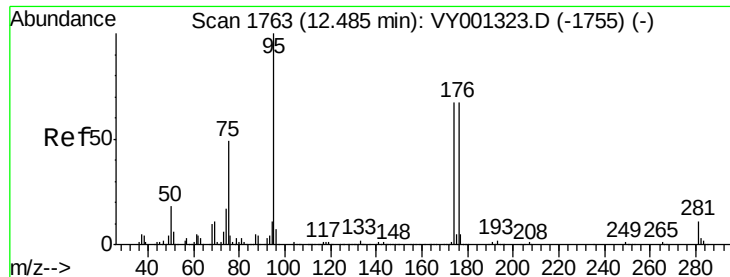
100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

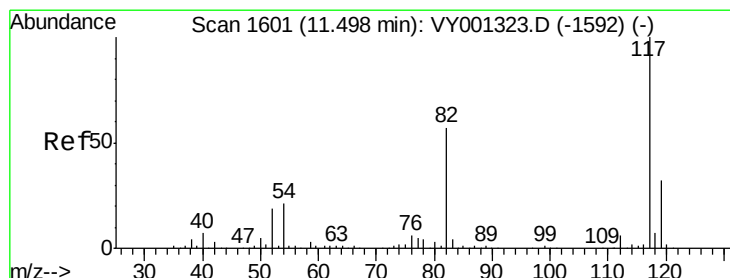
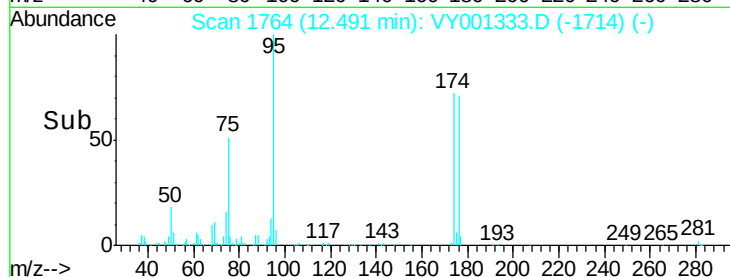
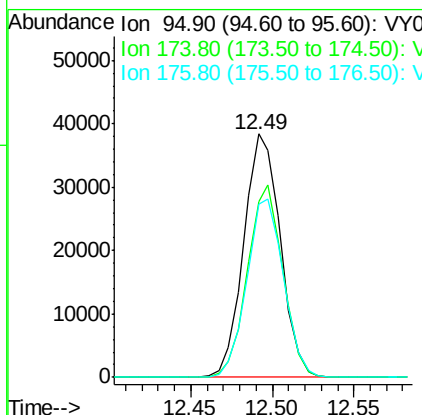
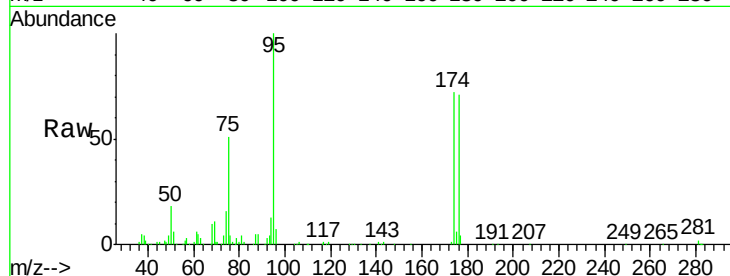




#62
4-Bromofluorobenzene
Concen: 41.746 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001333.D
Acq: 22 Jan 2020 16:08

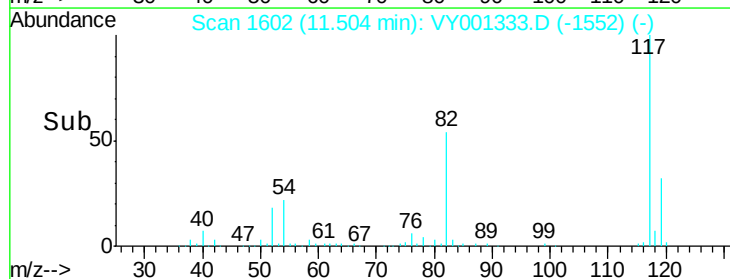
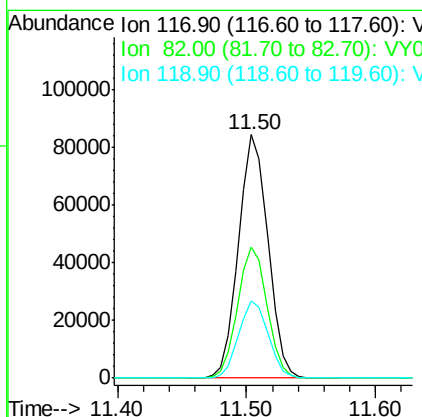
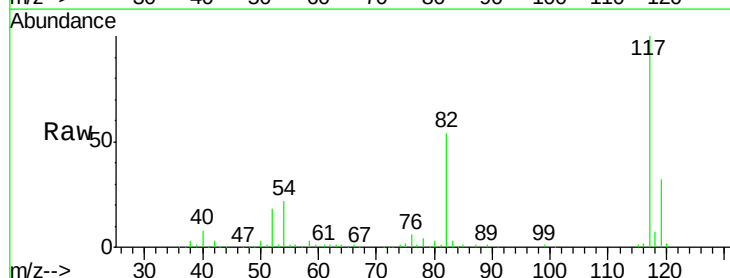
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-2.5-3.0

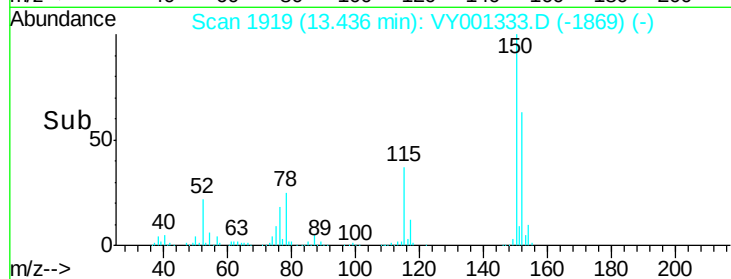
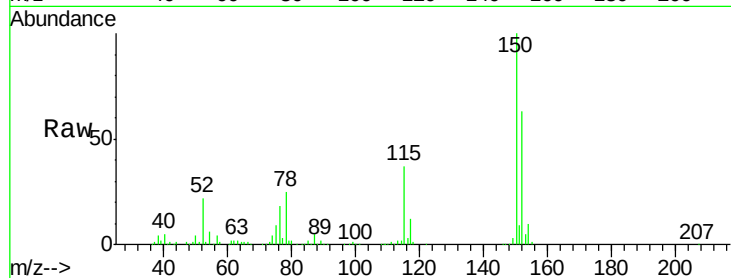
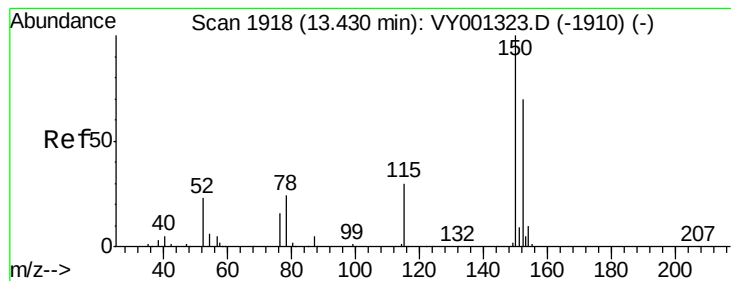
Tot Ion: 95 Resp: 59693
Ion Ratio Lower Upper
95 100
174 76.8 0.0 142.0
176 74.0 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001333.D
Acq: 22 Jan 2020 16:08

Tgt Ion: 117 Resp: 133609
Ion Ratio Lower Upper
117 100
82 54.0 45.5 68.3
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-2.5-3.0

Tot Ion:152 Resp: 56909

Ion Ratio Lower Upper

152 100

115 60.0 30.9 92.8

150 157.4 0.0 349.2

