

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001442.D
 Acq On : 30 Jan 2020 19:42
 Operator : SY/MD
 Sample : L1318-16
 Misc : 4.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-05-A

Quant Time: Jan 31 04:09:53 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	7.82	168	158826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	294699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	258884	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	103972	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	95008	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
35) Dibromofluoromethane	7.75	113	86670	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.20	98	346757	51.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.50	95	116868	43.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	87.34%	

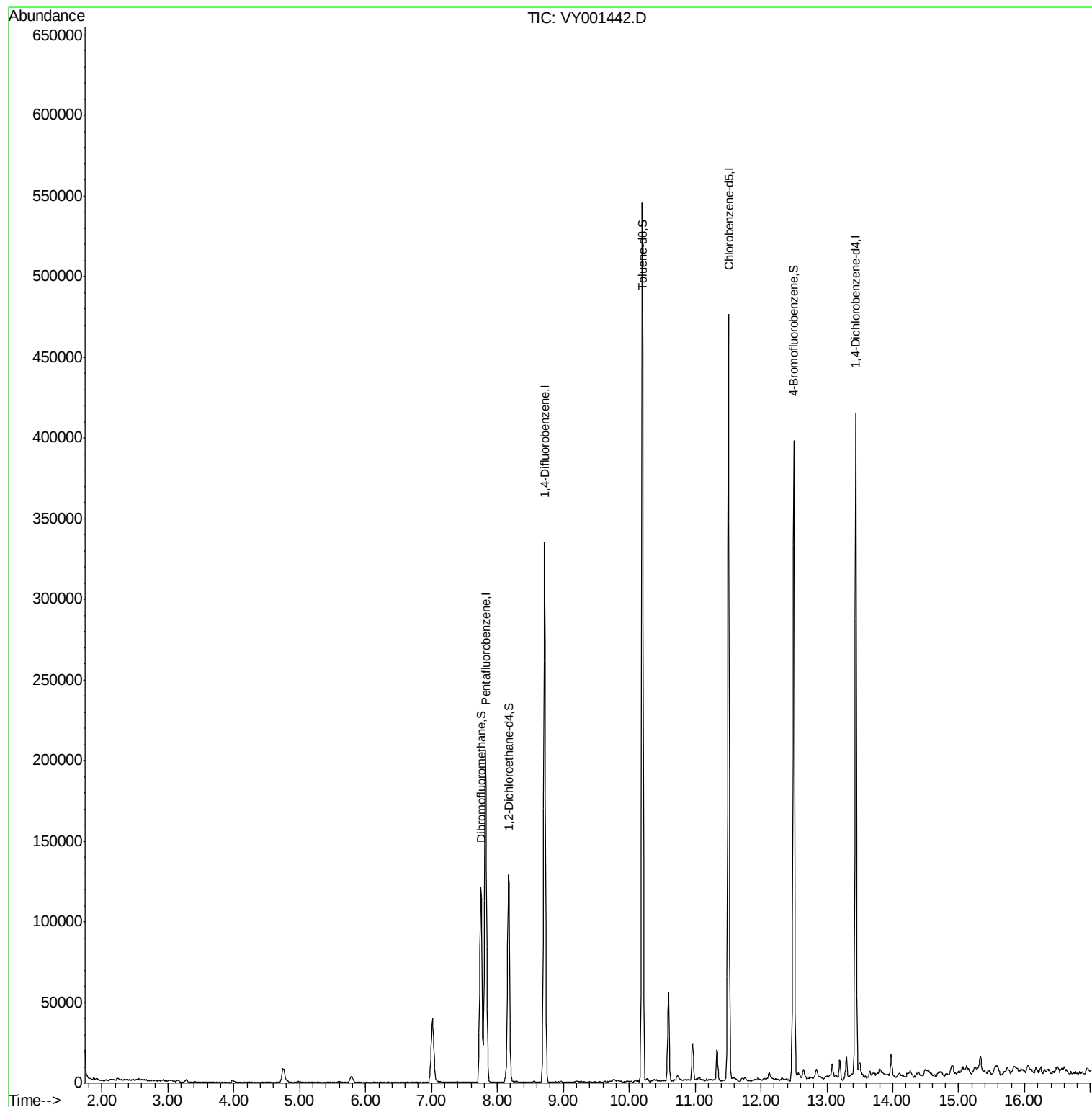
Target Compounds	Qvalue

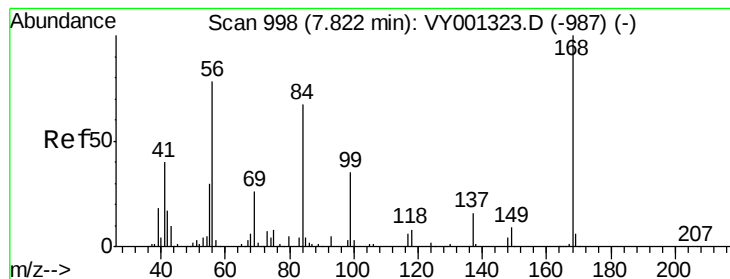
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001442.D

Acq: 30 Jan 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

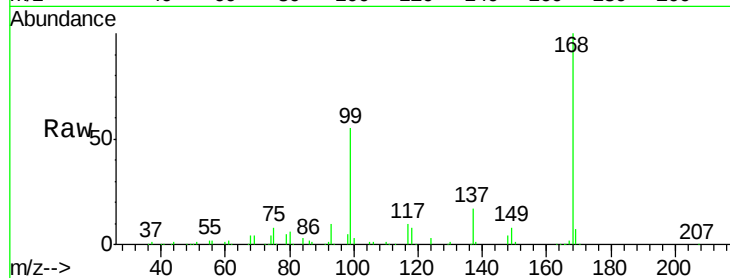
RAINEY-PARK-BH-05-A

Tot Ion:168 Resp: 158826

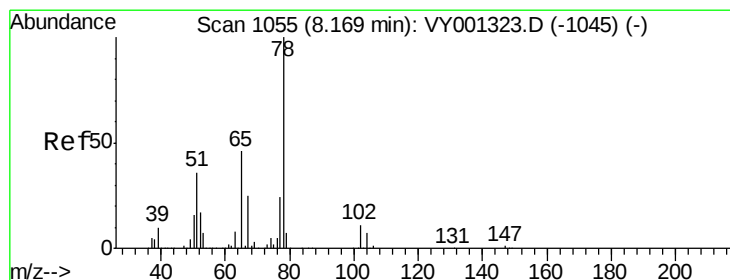
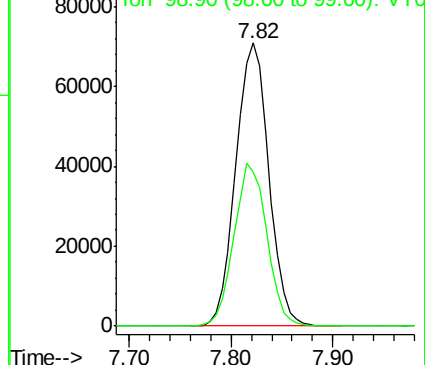
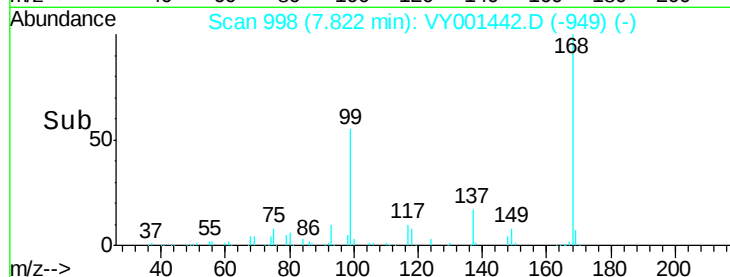
Ion Ratio Lower Upper

168 100

99 54.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001442.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.974 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001442.D

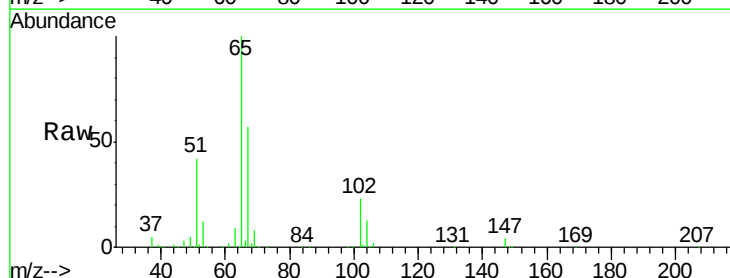
Acq: 30 Jan 2020 19:42

Tgt Ion: 65 Resp: 95008

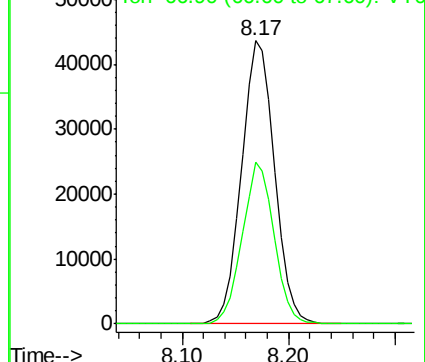
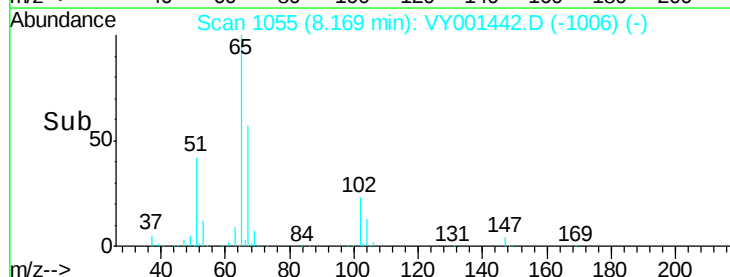
Ion Ratio Lower Upper

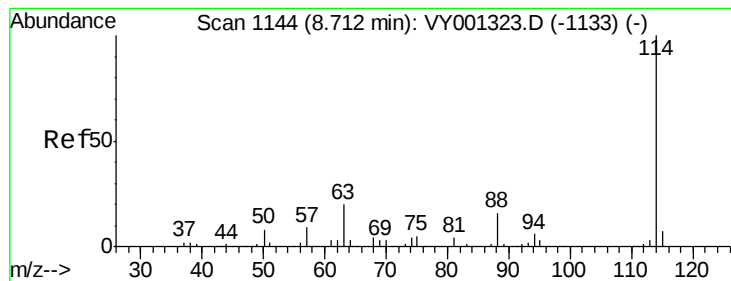
65 100

67 55.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001442.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001442.D

Acq: 30 Jan 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-05-A

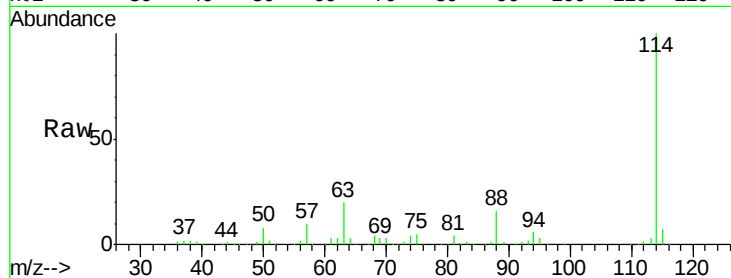
Tot Ion:114 Resp: 294699

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

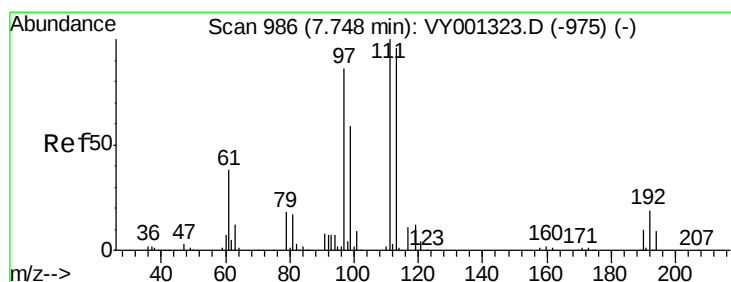
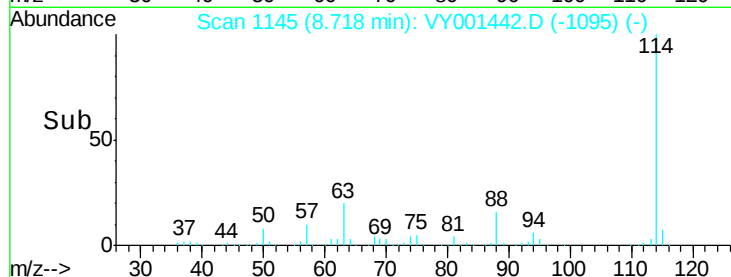
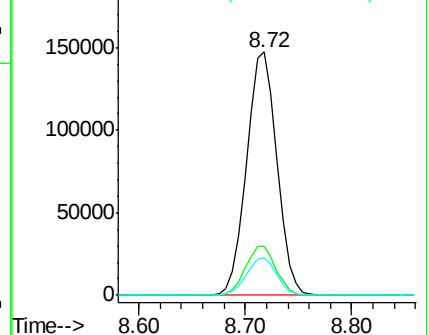
88 15.5 0.0 31.0



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: 50.109 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001442.D

Acq: 30 Jan 2020 19:42

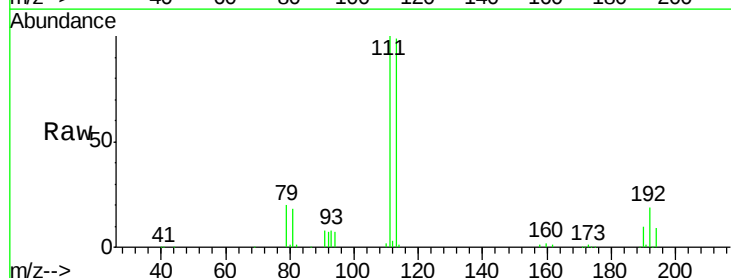
Tgt Ion:113 Resp: 86670

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

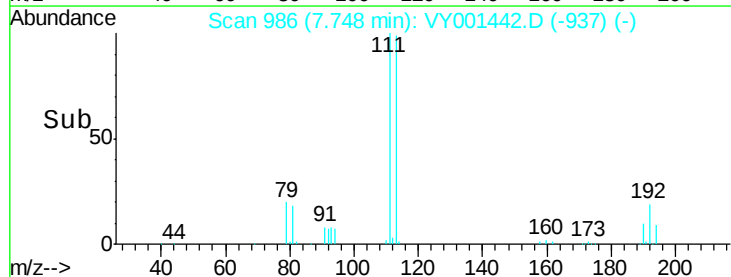
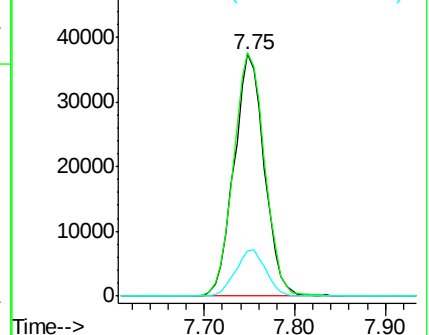
192 19.3 15.5 23.3

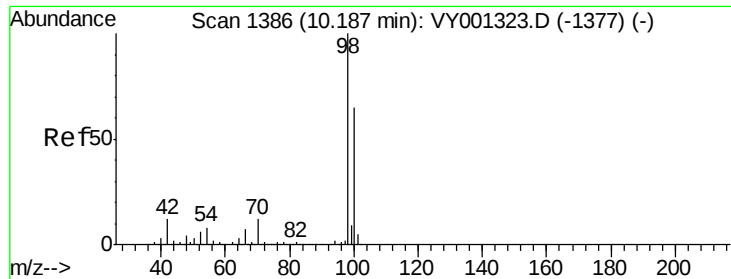


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.601 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001442.D

Acq: 30 Jan 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

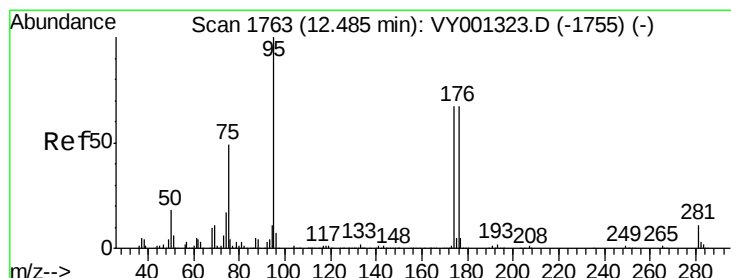
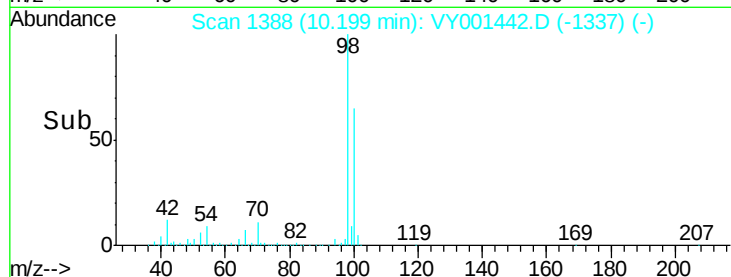
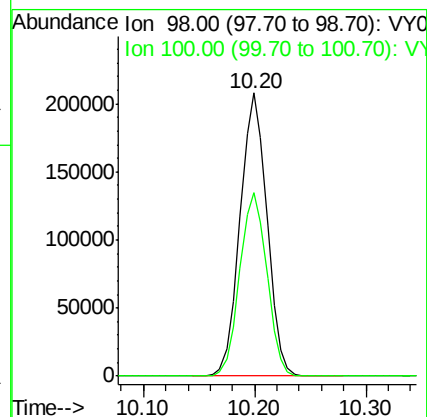
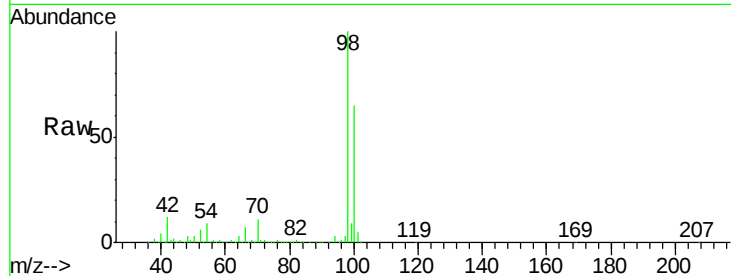
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Tot Ion: 98 Resp: 346757

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 43.671 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001442.D

Acq: 30 Jan 2020 19:42

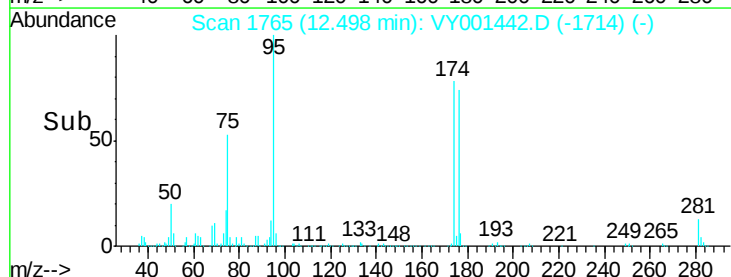
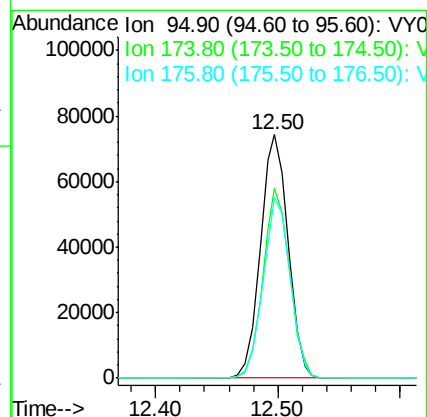
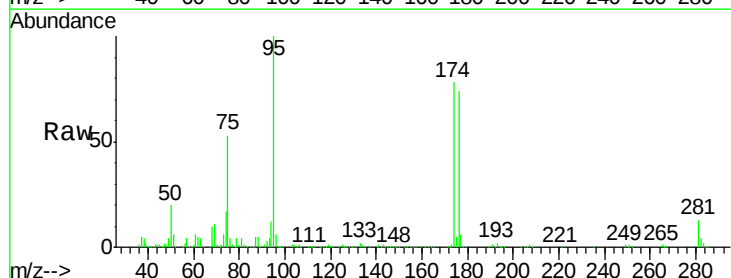
Tgt Ion: 95 Resp: 116868

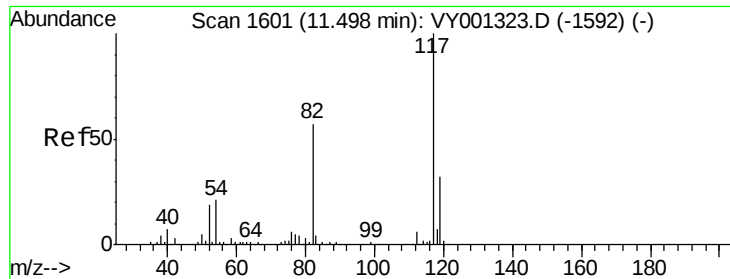
Ion Ratio Lower Upper

95 100

174 75.6 0.0 142.0

176 72.5 0.0 138.6

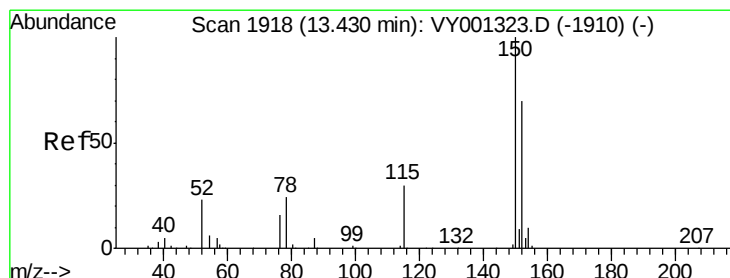
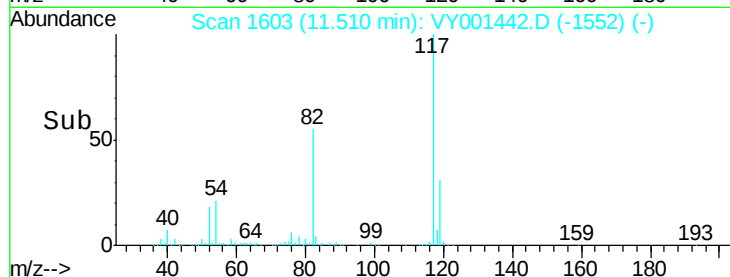
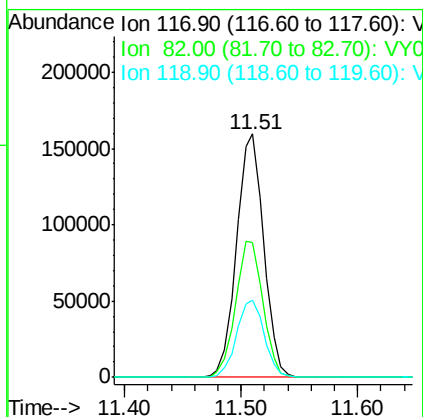
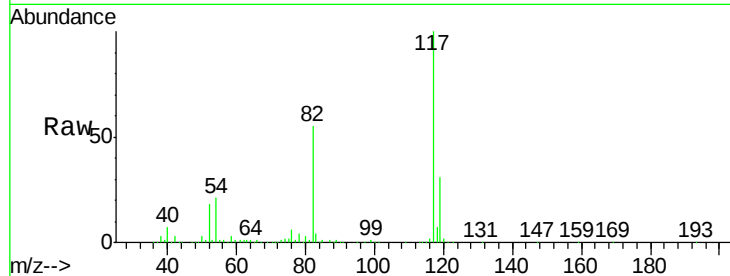




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001442.D
Acq: 30 Jan 2020 19:42

Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-05-A

Tot Ion:117 Resp: 258884
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001442.D
Acq: 30 Jan 2020 19:42

Tgt Ion:152 Resp: 103972
Ion Ratio Lower Upper
152 100
115 61.6 30.9 92.8
150 157.0 0.0 349.2

