

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001438.D
 Acq On : 30 Jan 2020 18:13
 Operator : SY/MD
 Sample : L1319-02
 Misc : 5.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-A

Quant Time: Jan 31 03:36:37 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	131803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	233422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	194120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	75439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	69831	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
35) Dibromofluoromethane	7.75	113	66860	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.20	98	269419	50.62	ug/l	0.01
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.49	95	83682	39.48	ug/l	0.00
Spiked Amount			Recovery	=	78.96%	

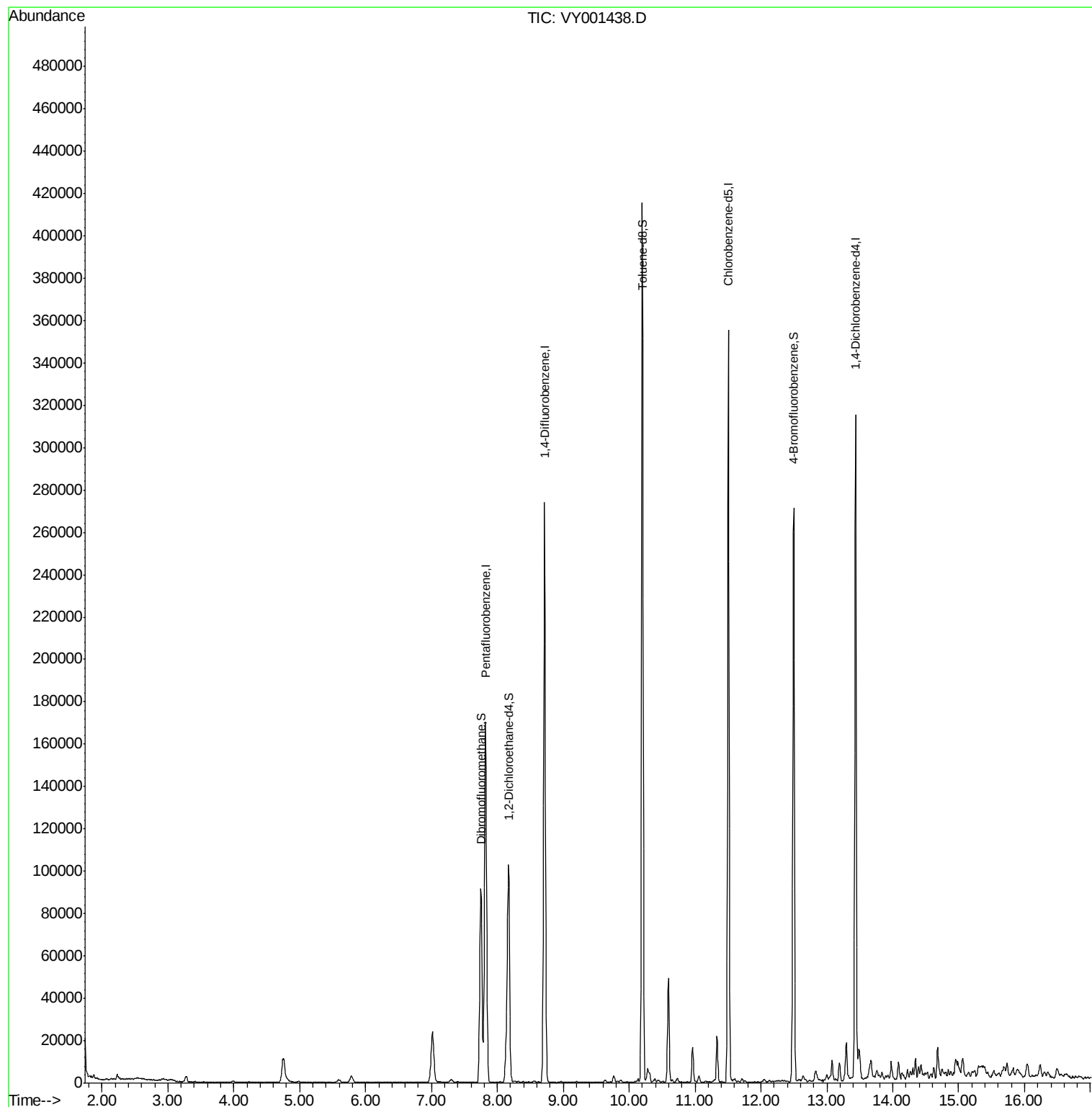
Target Compounds	Qvalue
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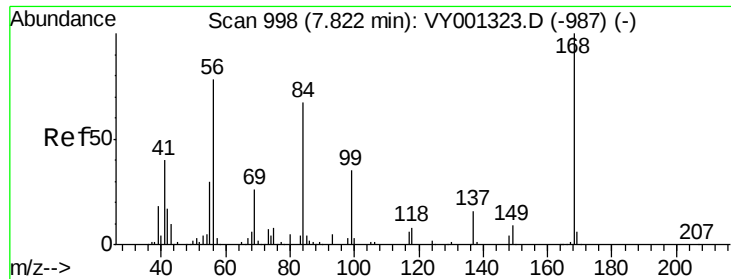
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001438.D

Acq: 30 Jan 2020 18:13

Instrument :

MSVOA_Y

ClientSampleId :

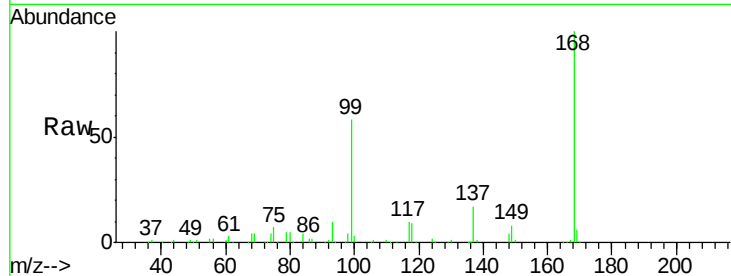
RAINEY-PARK-BH-06-A

Tot Ion:168 Resp: 131803

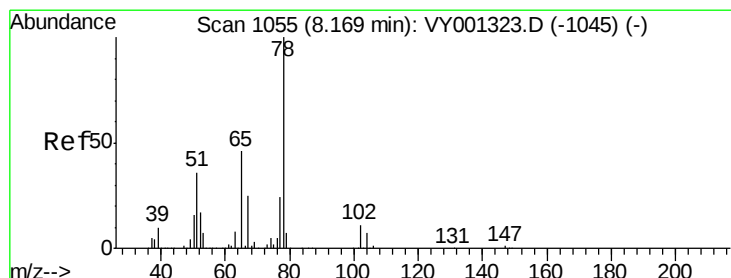
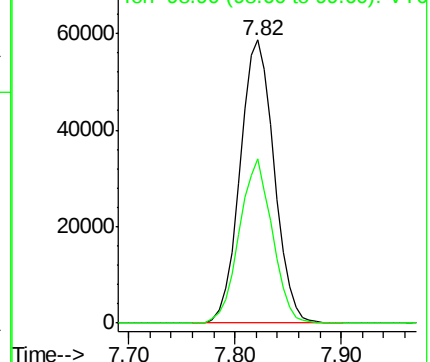
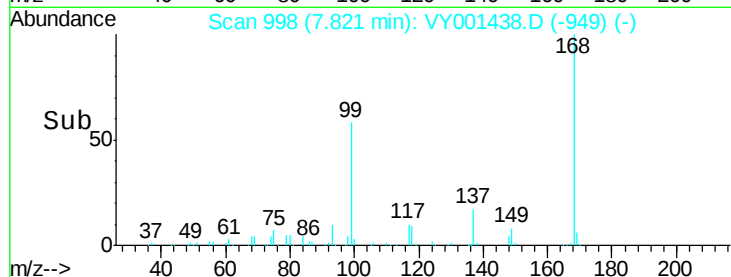
Ion Ratio Lower Upper

168 100

99 58.1 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001438.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.690 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001438.D

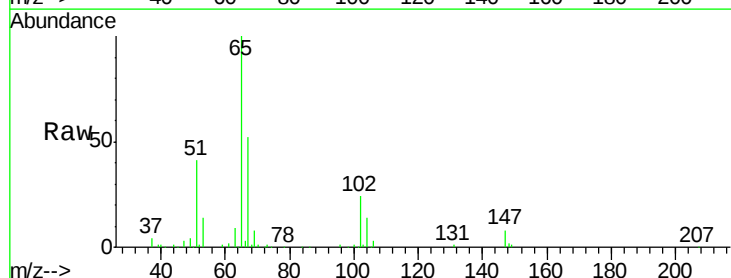
Acq: 30 Jan 2020 18:13

Tgt Ion: 65 Resp: 69831

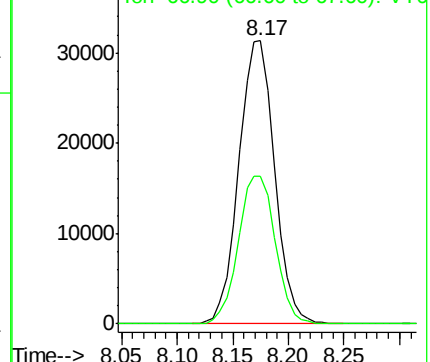
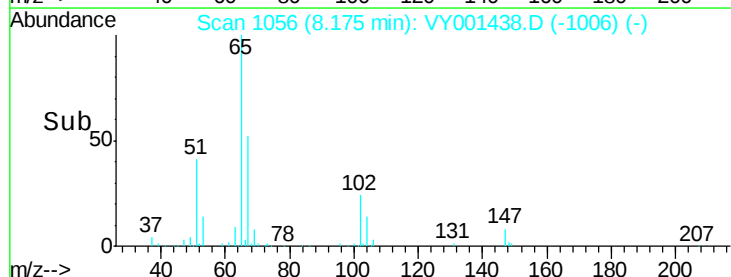
Ion Ratio Lower Upper

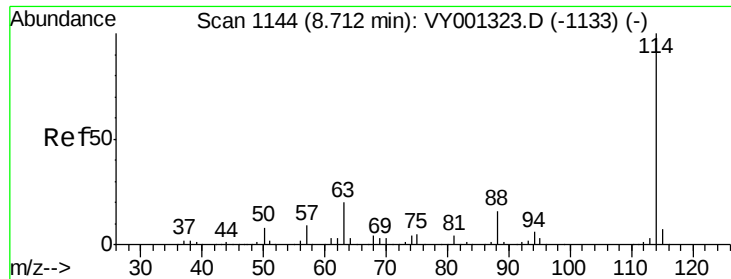
65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001438.D (-1006) (-)

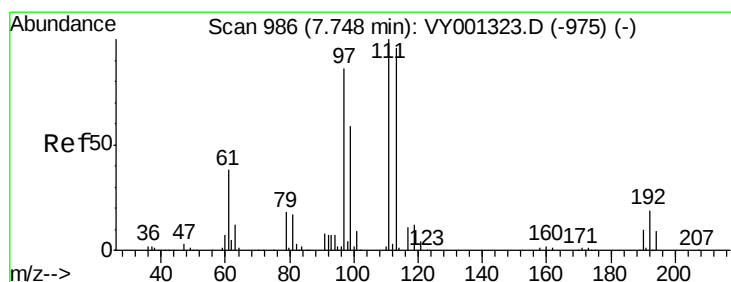
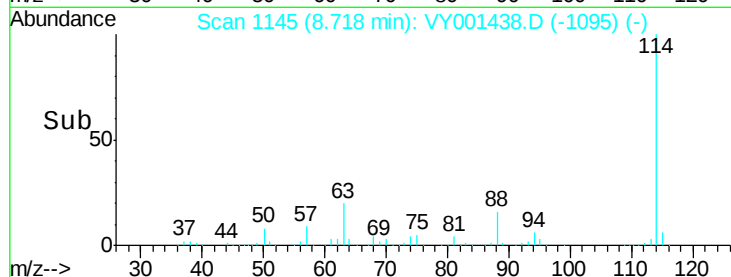
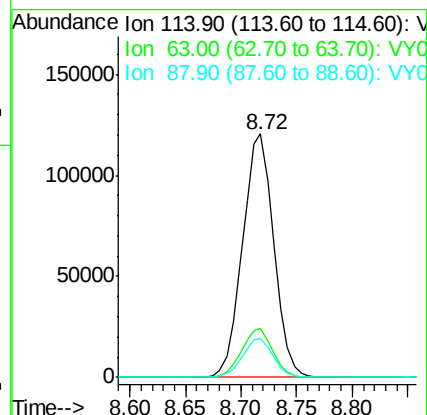
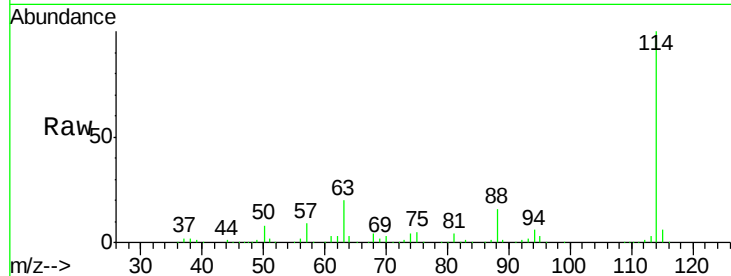




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001438.D
 Acq: 30 Jan 2020 18:13

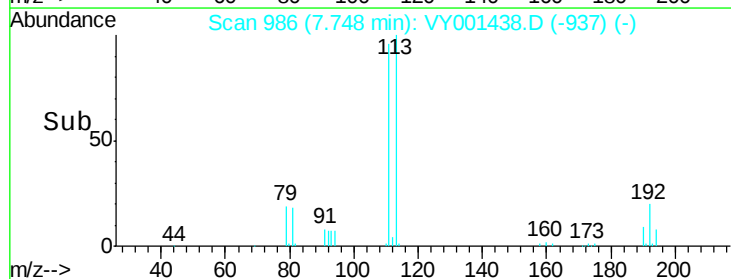
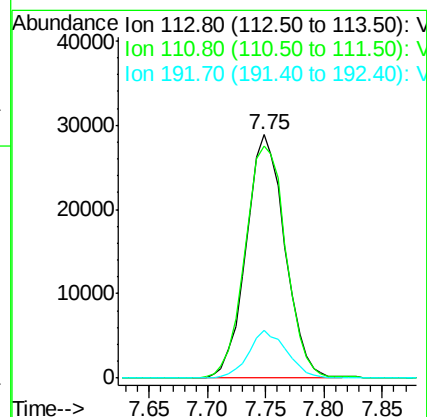
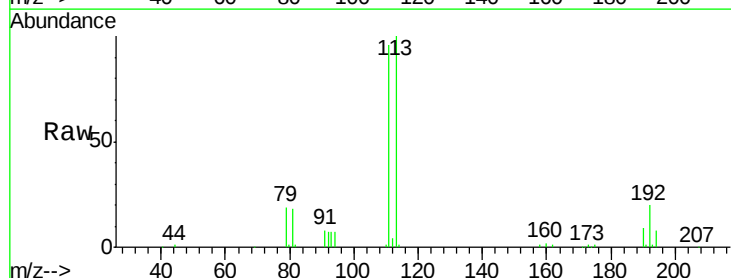
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-A

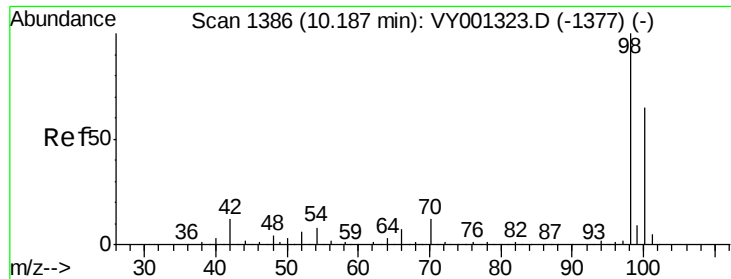
Tot Ion:114 Resp: 233422
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.8 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 48.803 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001438.D
 Acq: 30 Jan 2020 18:13

Tgt Ion:113 Resp: 66860
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.8 124.2
 192 19.3 15.5 23.3





#50

Toluene-d8

Concen: 50.617 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001438.D

Acq: 30 Jan 2020 18:13

Instrument :

MSVOA_Y

ClientSampleId :

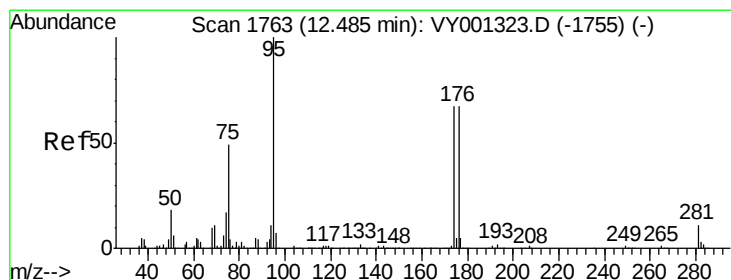
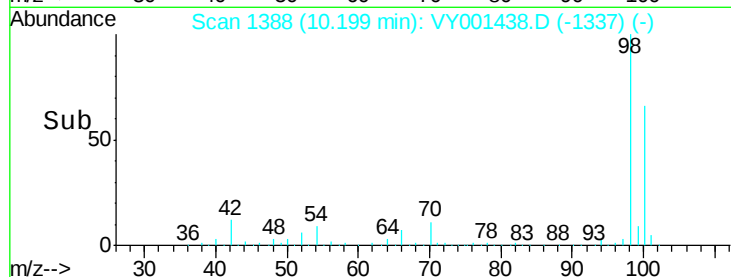
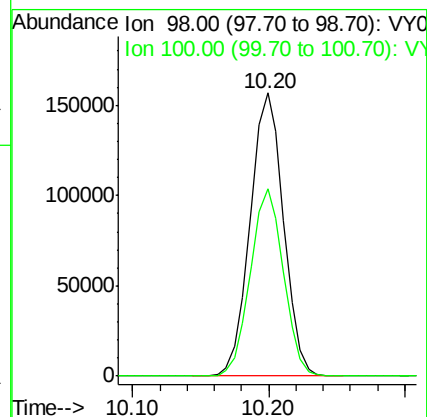
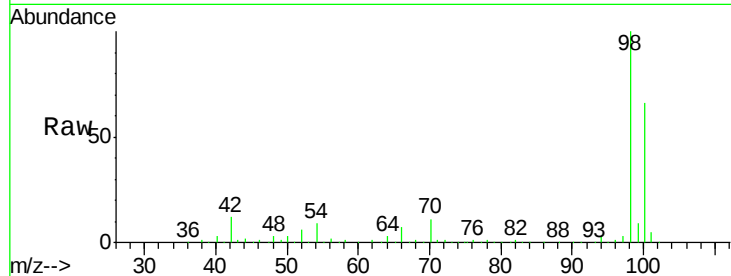
RAINEY-PARK-BH-06-A

Tot Ion: 98 Resp: 269419

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 39.479 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001438.D

Acq: 30 Jan 2020 18:13

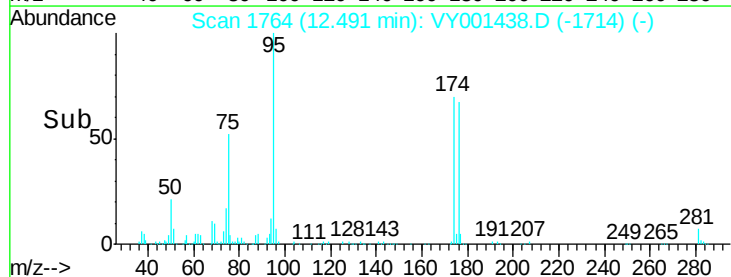
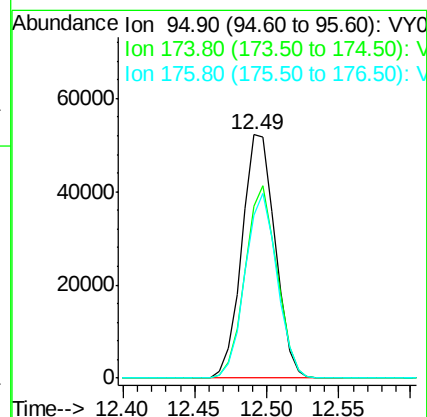
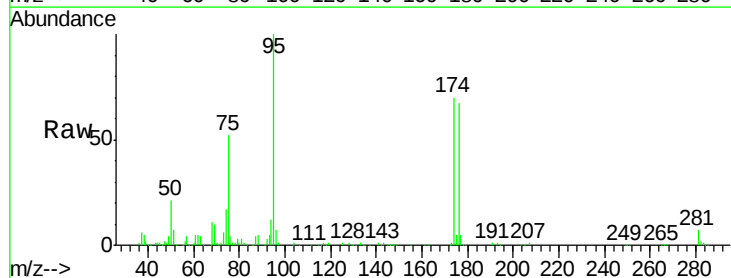
Tgt Ion: 95 Resp: 83682

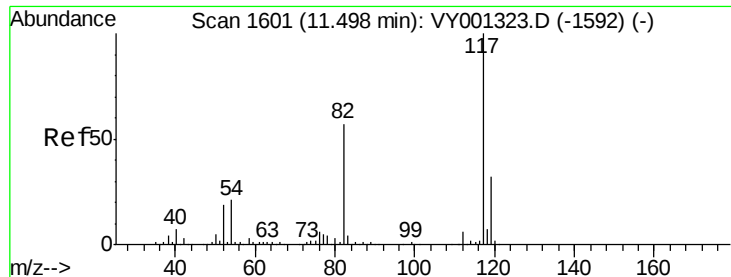
Ion Ratio Lower Upper

95 100

174 75.7 0.0 142.0

176 72.6 0.0 138.6

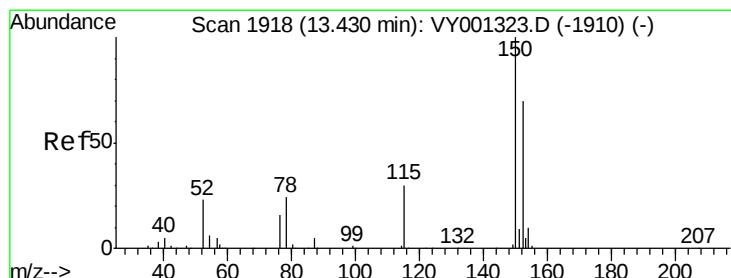
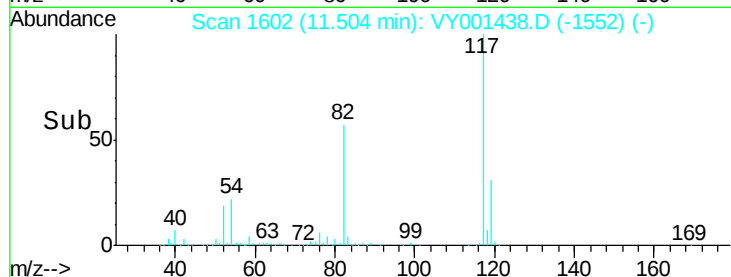
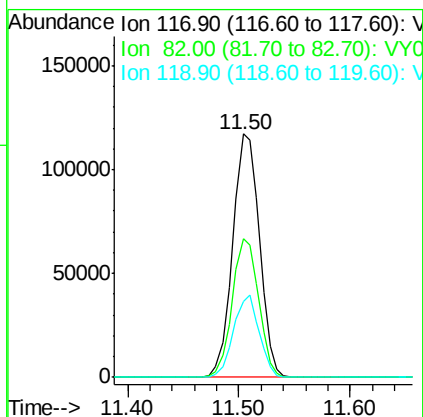
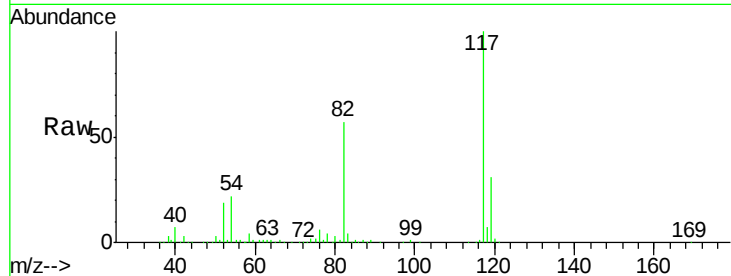




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001438.D
Acq: 30 Jan 2020 18:13

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RAINEY-PARK-BH-06-A

Tot Ion:117 Resp: 194120
Ion Ratio Lower Upper
117 100
82 57.1 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# 1919
Delta R.T. 0.01 min
Lab File: VY001438.D
Acq: 30 Jan 2020 18:13

Tgt Ion:152 Resp: 75439
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.8
150 156.9 0.0 349.2

