

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001436.D
 Acq On : 30 Jan 2020 17:29
 Operator : SY/MD
 Sample : L1319-16
 Misc : 6.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-02-C

Quant Time: Jan 31 03:32:50 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

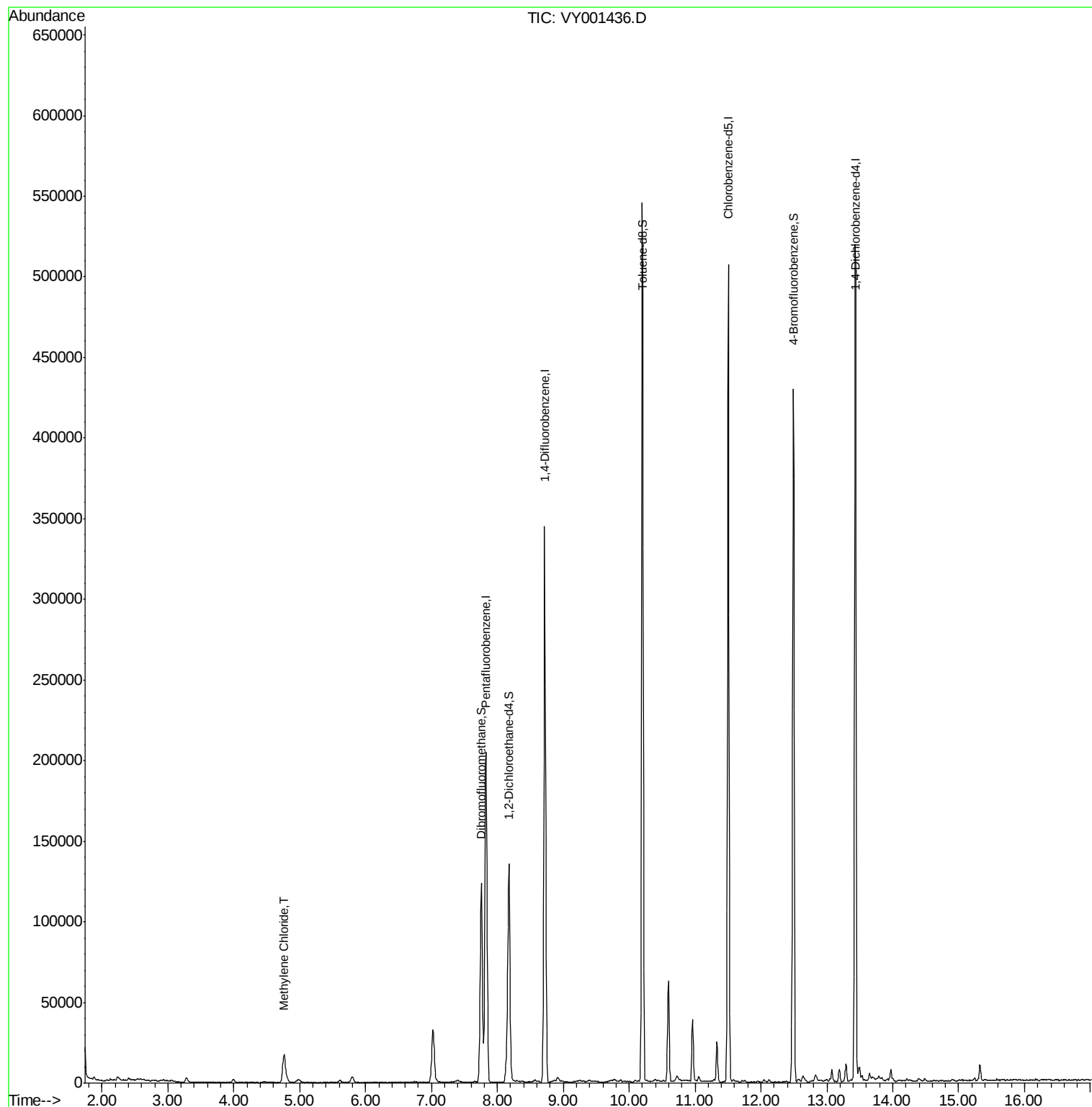
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	158850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	294933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	96340	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
35) Dibromofluoromethane	7.75	113	88214	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.20	98	351613	52.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.49	95	129343	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
20) Methylene Chloride	4.77	84	12438	1.736	ug/l	Qvalue 91

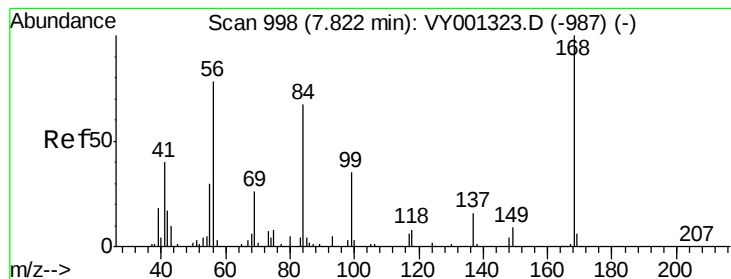
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001436.D

Acq: 30 Jan 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

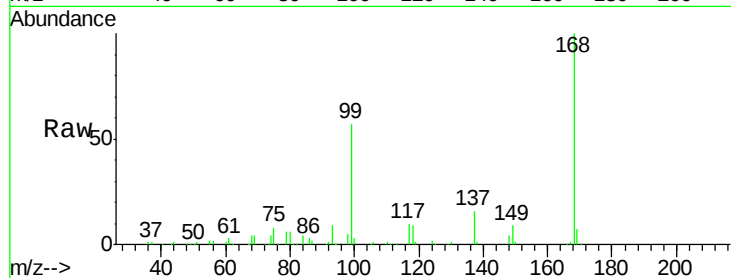
RAINEY-PARK-BH-02-C

Tot Ion:168 Resp: 158850

Ion Ratio Lower Upper

168 100

99 56.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001436.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001436.D (-949) (-)

7.83

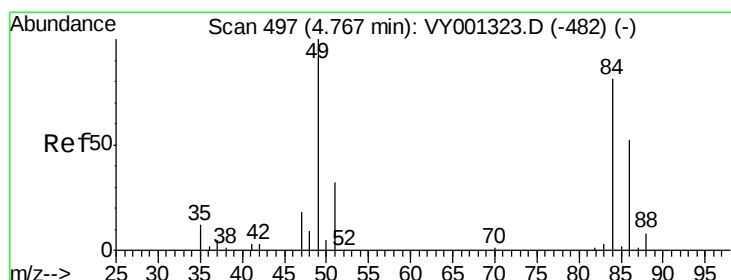
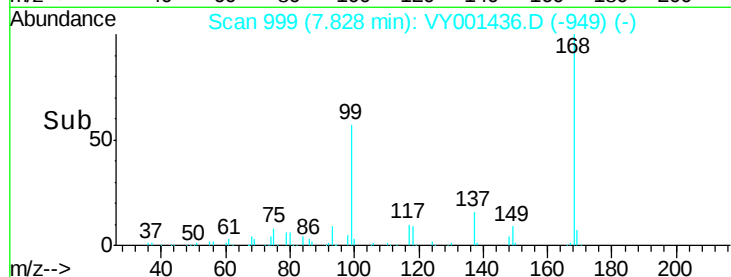
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 1.736 ug/l

RT: 4.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: VY001436.D

Acq: 30 Jan 2020 17:29

Tgt Ion: 84 Resp: 12438

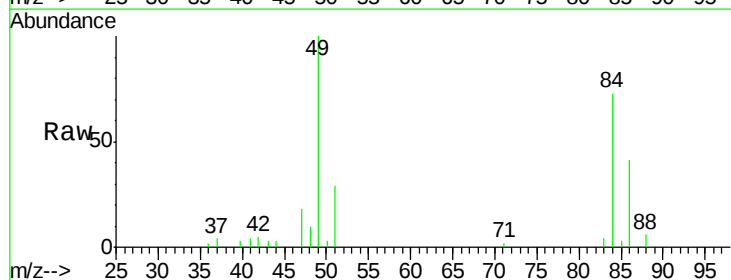
Ion Ratio Lower Upper

84 100

49 136.2 98.3 147.5

51 39.7 31.6 47.4

86 56.2 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY001436.D (-448) (-)

Ion 48.90 (48.60 to 49.60): VY001436.D (-448) (-)

Ion 50.90 (50.60 to 51.60): VY001436.D (-448) (-)

Ion 85.90 (85.60 to 86.60): VY001436.D (-448) (-)

4.77

8000

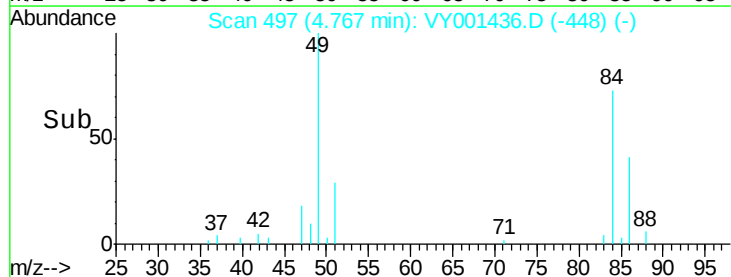
6000

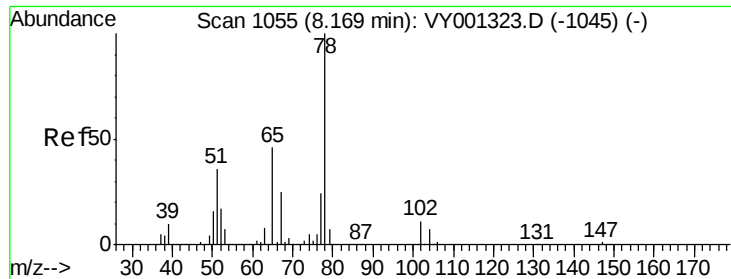
4000

2000

0

Time--> 4.65 4.70 4.75 4.80 4.85





#33

1,2-Dichloroethane-d4

Concen: 55.736 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001436.D

Acq: 30 Jan 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

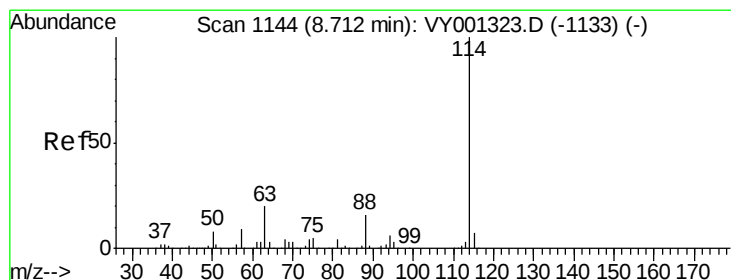
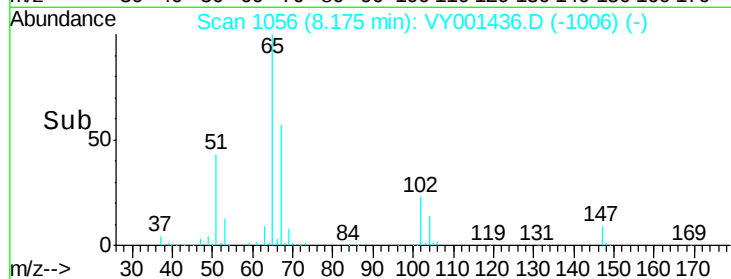
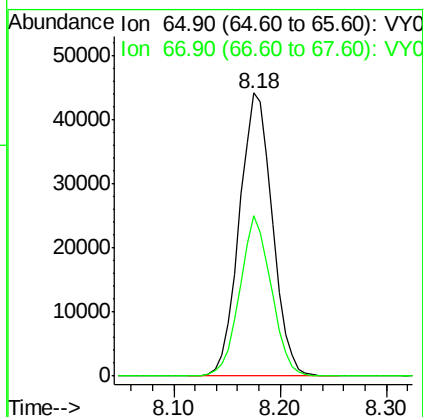
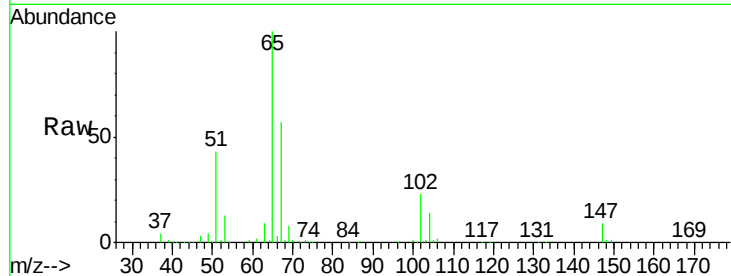
RAINEY-PARK-BH-02-C

Tot Ion: 65 Resp: 96340

Ion Ratio Lower Upper

65 100

67 54.1 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: VY001436.D

Acq: 30 Jan 2020 17:29

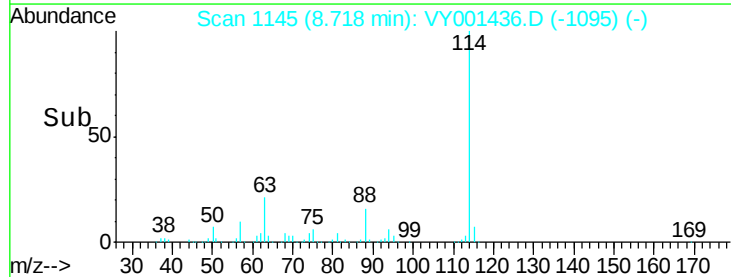
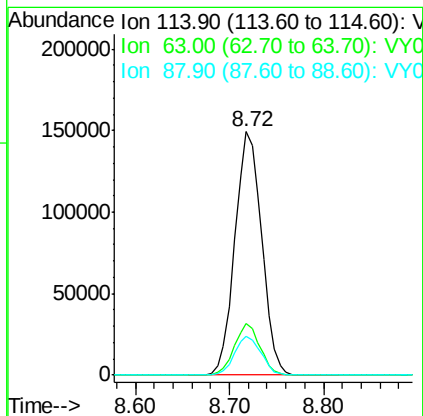
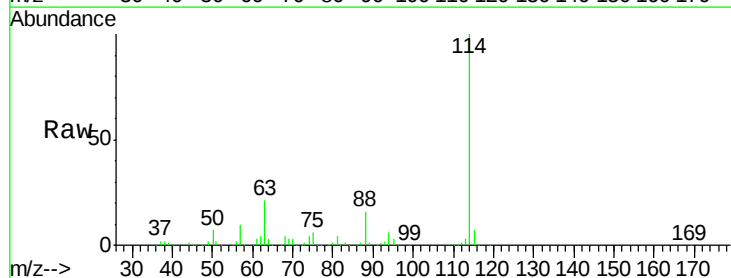
Tgt Ion: 114 Resp: 294933

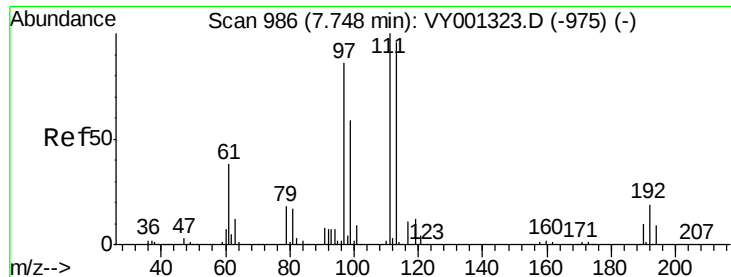
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 16.0 0.0 31.0

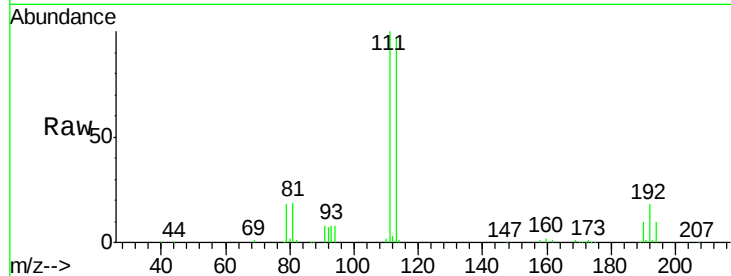




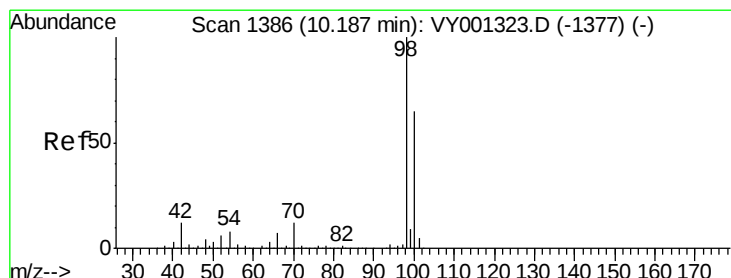
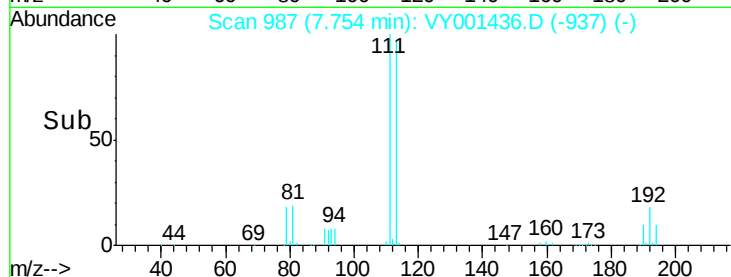
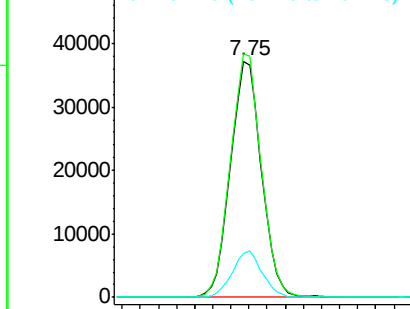
#35
Dibromofluoromethane
Concen: 50.961 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001436.D
Acq: 30 Jan 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-02-C

Tot Ion:113 Resp: 88214
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.0 15.5 23.3

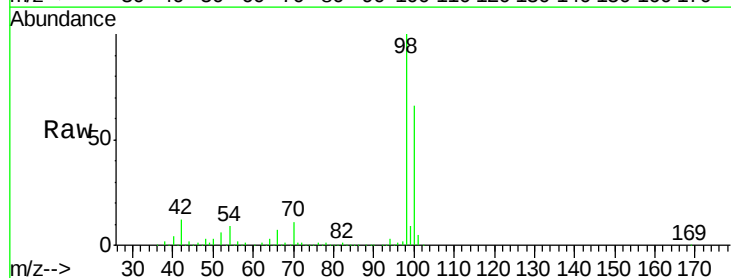


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

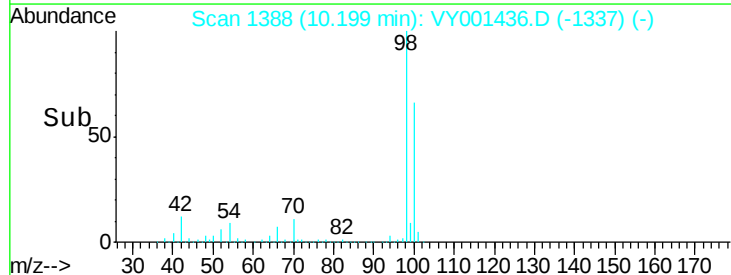
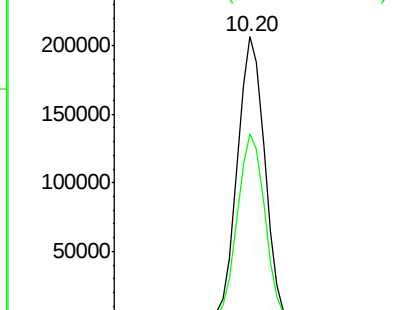


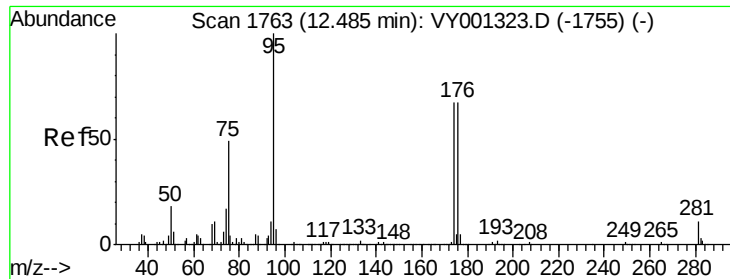
#50
Toluene-d8
Concen: 52.282 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001436.D
Acq: 30 Jan 2020 17:29

Tgt Ion: 98 Resp: 351613
Ion Ratio Lower Upper
98 100
100 66.0 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: 48.294 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001436.D

Acq: 30 Jan 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-02-C

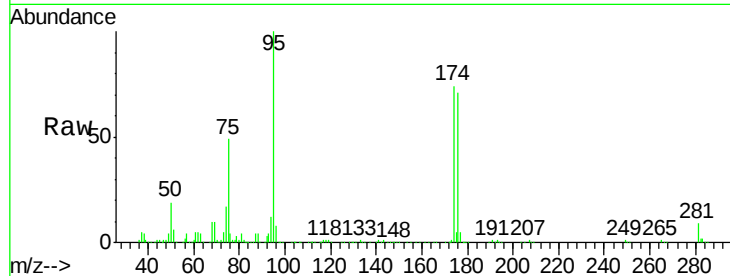
Tot Ion: 95 Resp: 129343

Ion Ratio Lower Upper

95 100

174 75.1 0.0 142.0

176 73.0 0.0 138.6



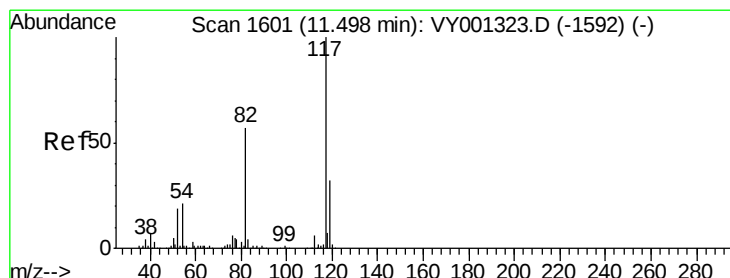
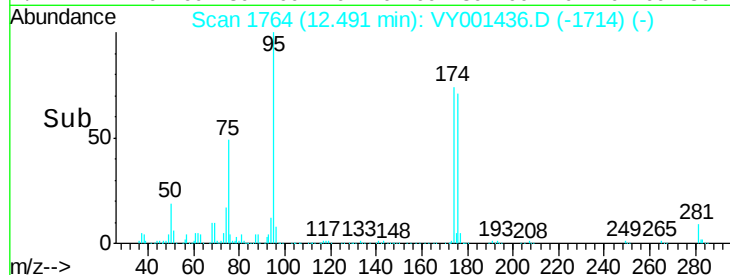
Abundance Ion 94.90 (94.60 to 95.60): VY001436.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001436.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001436.D (-1755) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001436.D

Acq: 30 Jan 2020 17:29

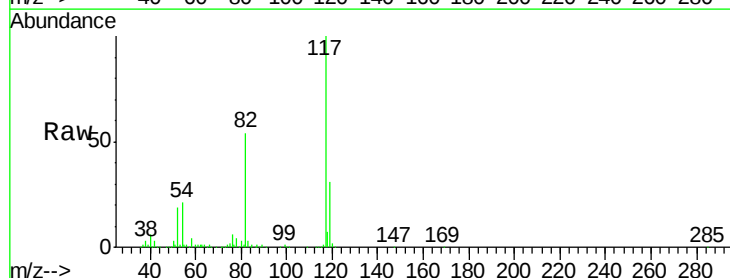
Tgt Ion: 117 Resp: 274733

Ion Ratio Lower Upper

117 100

82 54.5 45.5 68.3

119 31.3 25.8 38.6



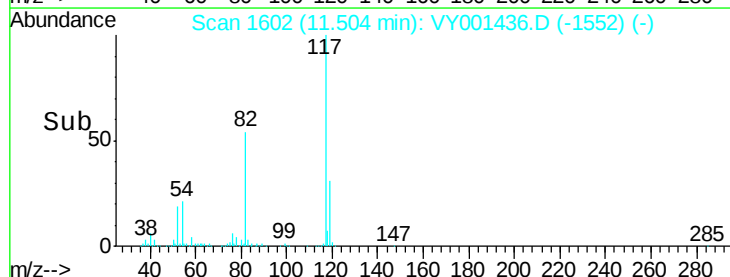
Abundance Ion 116.90 (116.60 to 117.60): VY001436.D (-1552) (-)

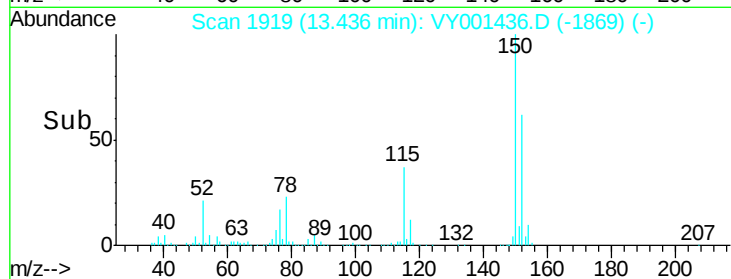
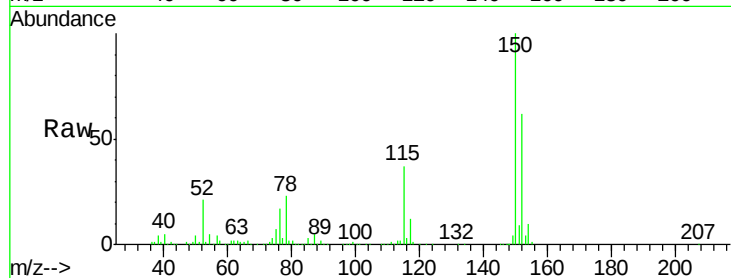
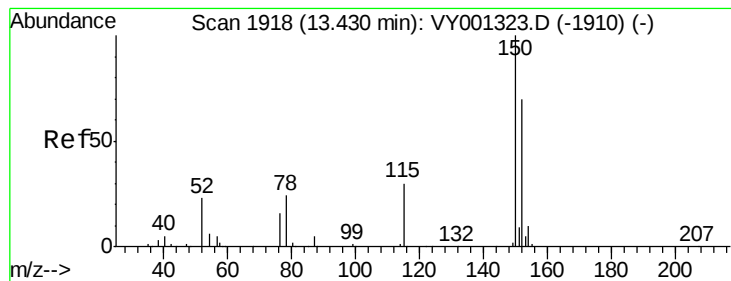
Ion 82.00 (81.70 to 82.70): VY001436.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001436.D (-1552) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001436.D

Acq: 30 Jan 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-02-C

Tot Ion:152 Resp: 126914

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.8

150 160.9 0.0 349.2

