

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001428.D
 Acq On : 30 Jan 2020 14:31
 Operator : SY/MD
 Sample : L1319-02
 Misc : 5.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 30 15:30:25 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

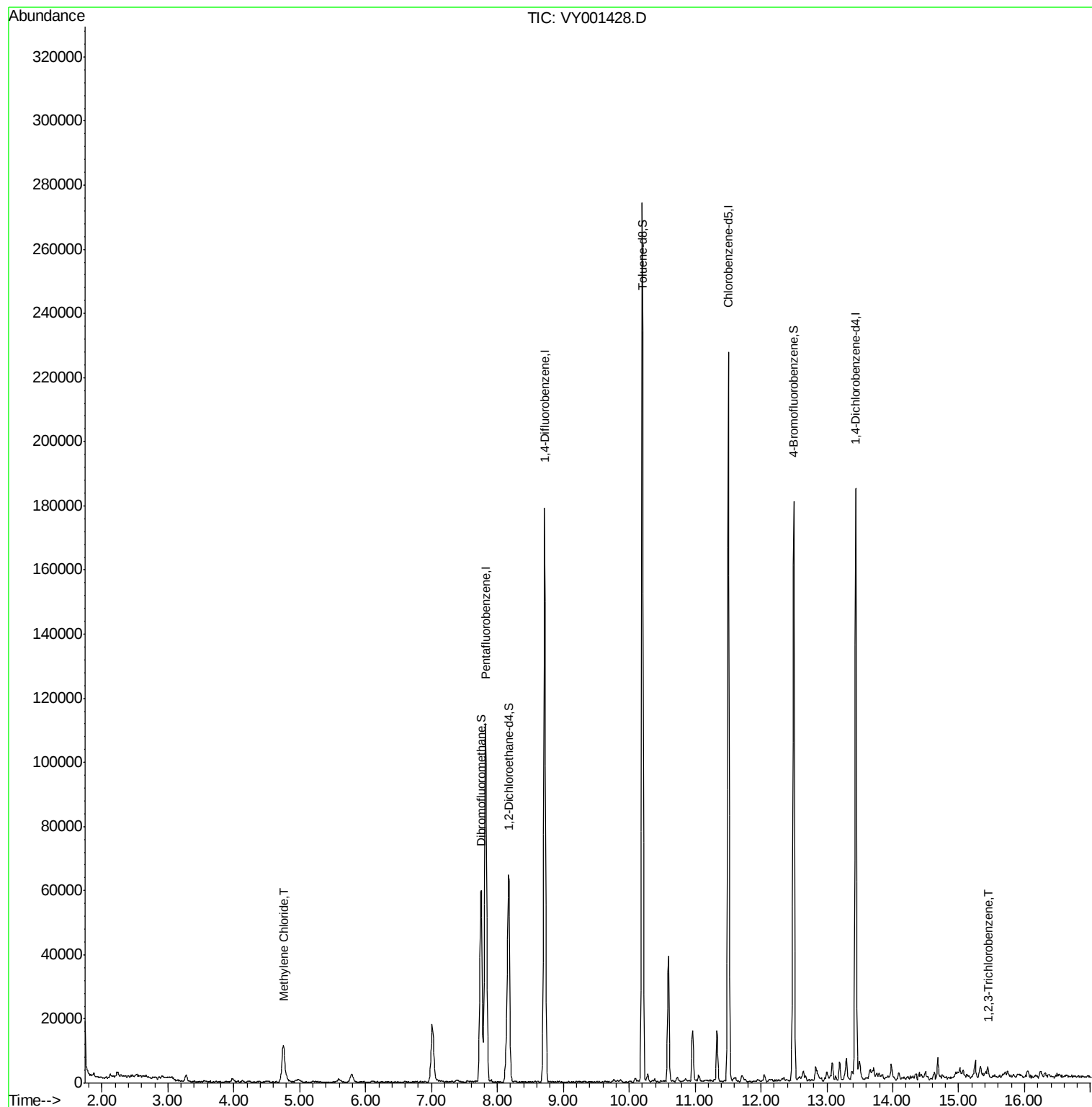
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	87272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	153644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	125667	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	46828	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	44472	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	7.75	113	44088	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	10.20	98	178661	51.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.50	95	54935	39.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.74%	
Target Compounds						
20) Methylene Chloride	4.76	84	8313	3.115	ug/l	96
96) 1,2,3-Trichlorobenzene	15.44	180	889	1.039	ug/l #	59

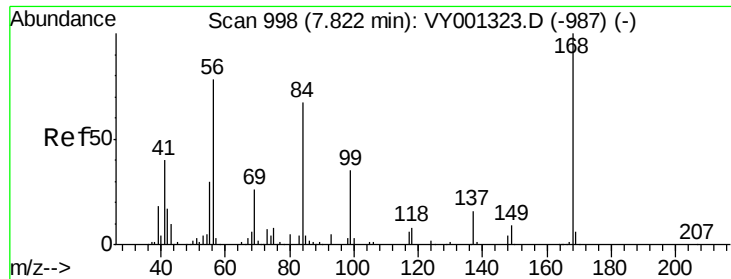
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001428.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

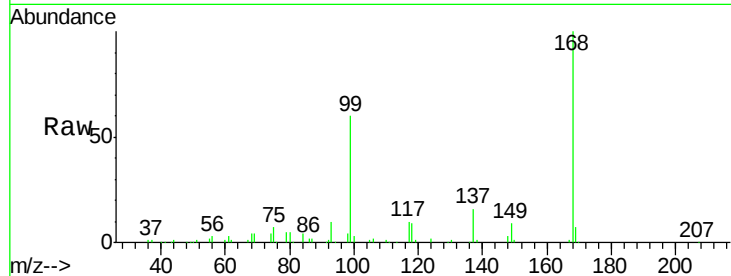
RAINEY-PARK-BH-06-A

Tot Ion:168 Resp: 87272

Ion Ratio Lower Upper

168 100

99 59.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

40000

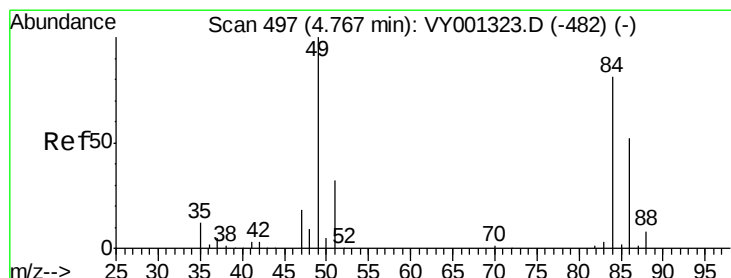
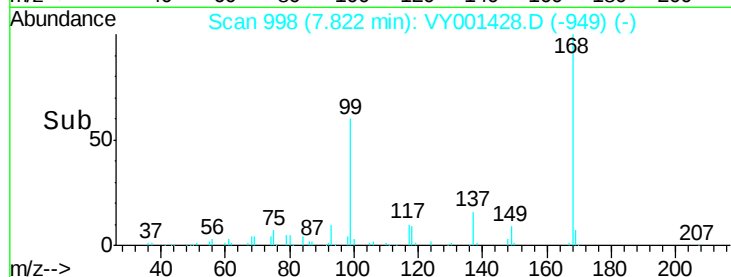
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 3.115 ug/l

RT: 4.76 min Scan# 495

Delta R.T. -0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

Tgt Ion: 84 Resp: 8313

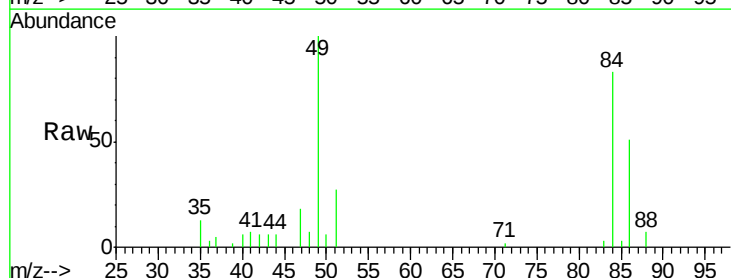
Ion Ratio Lower Upper

84 100

49 121.0 98.3 147.5

51 33.1 31.6 47.4

86 61.3 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY001323.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VY001323.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VY001323.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VY001323.D (-482) (-)

5000

4000

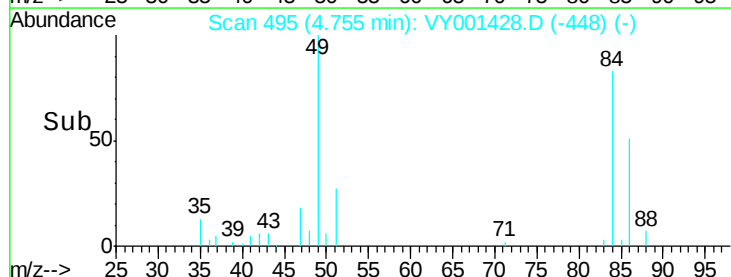
3000

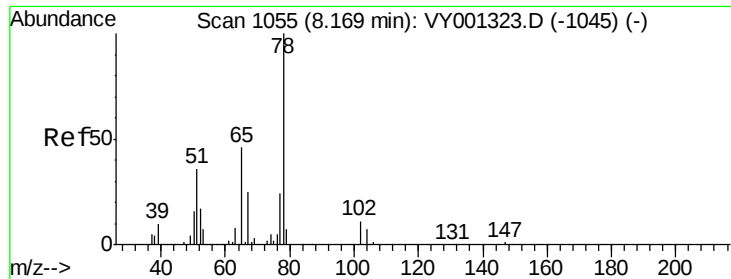
2000

1000

0

Time--> 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 46.830 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

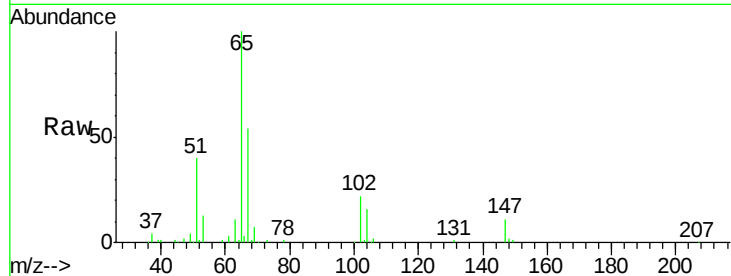
RAINEY-PARK-BH-06-A

Tot Ion: 65 Resp: 44472

Ion Ratio Lower Upper

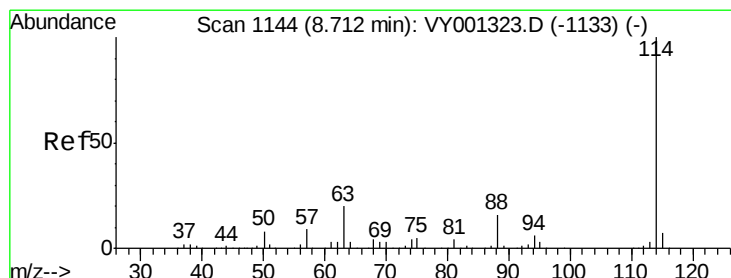
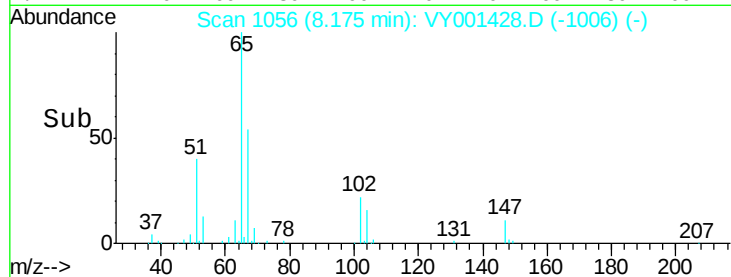
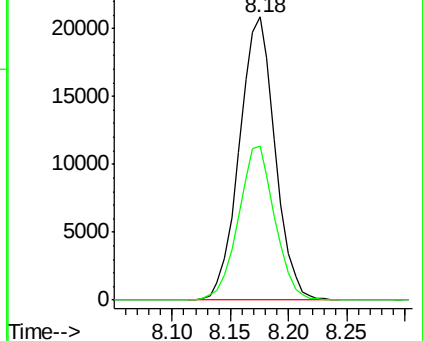
65 100

67 55.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

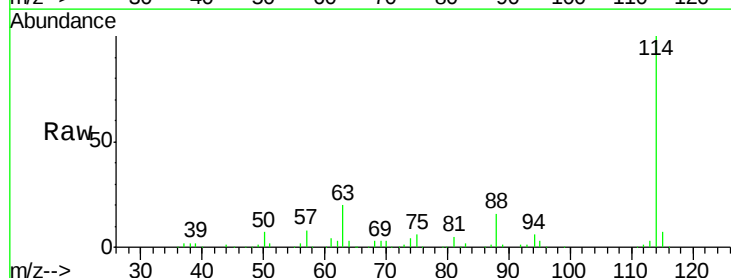
Tgt Ion: 114 Resp: 153644

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

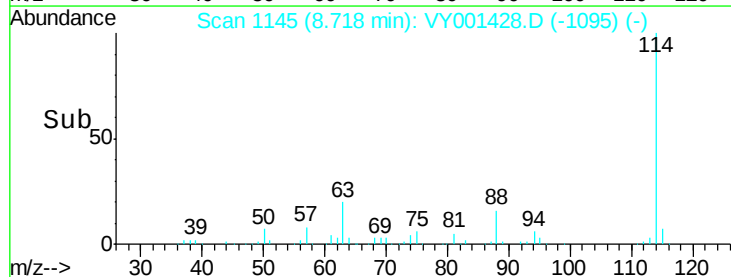
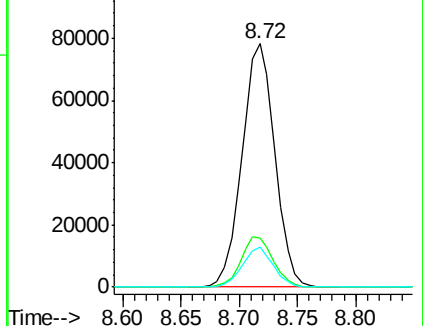
88 16.2 0.0 31.0

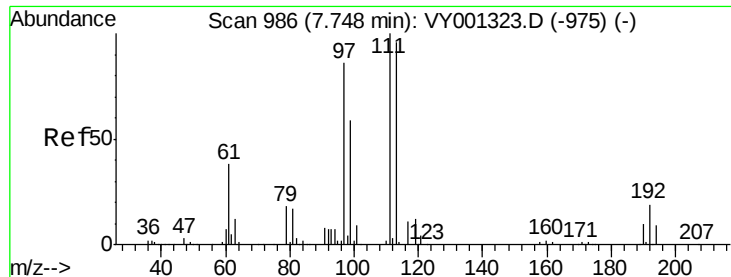


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

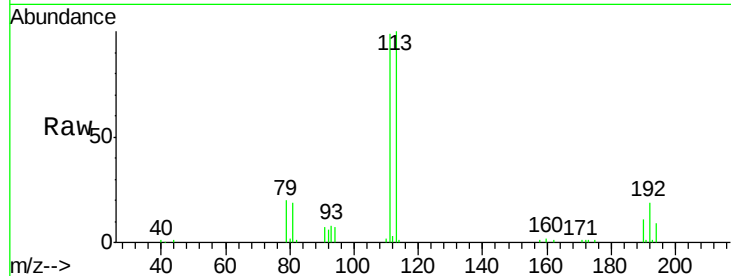




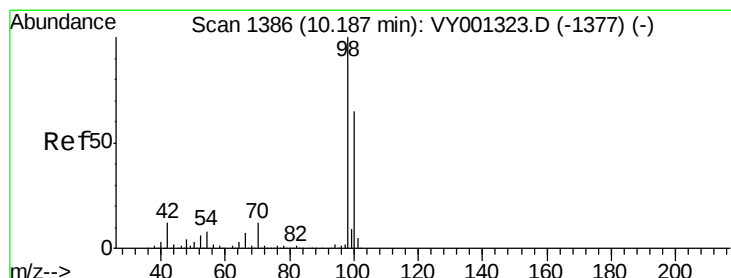
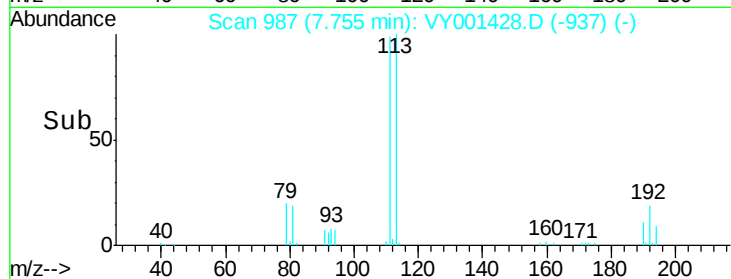
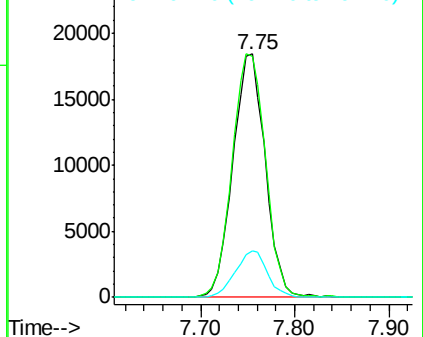
#35
 Dibromofluoromethane
 Concen: 48.891 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001428.D
 Acq: 30 Jan 2020 14:31

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

Tot Ion:113 Resp: 44088
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 18.8 15.5 23.3

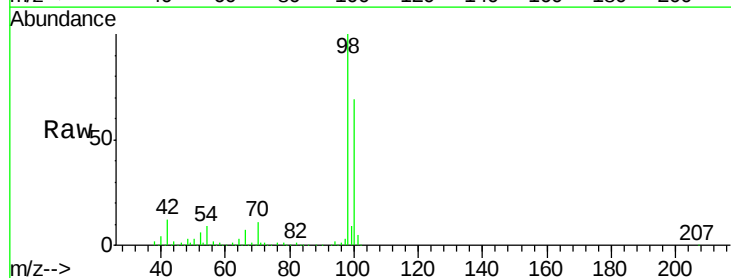


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

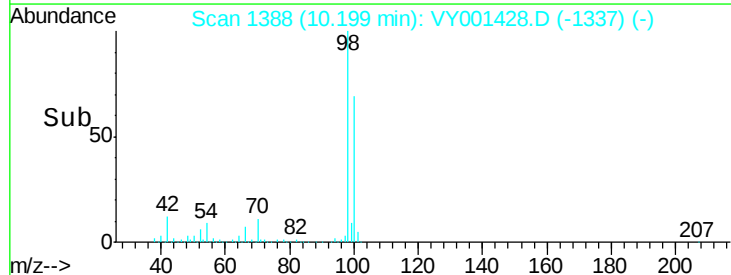
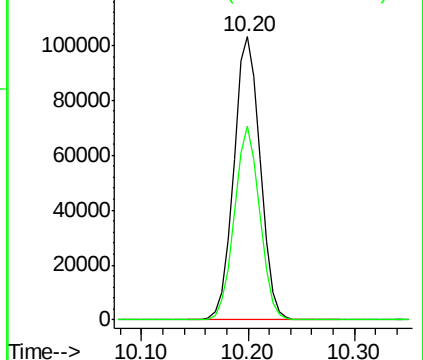


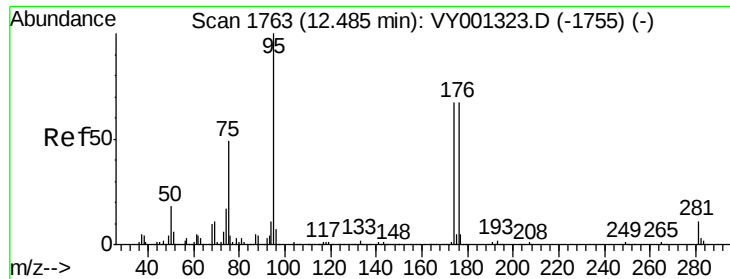
#50
 Toluene-d8
 Concen: 50.995 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001428.D
 Acq: 30 Jan 2020 14:31

Tgt Ion: 98 Resp: 178661
 Ion Ratio Lower Upper
 98 100
 100 66.1 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: 39.374 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-06-A

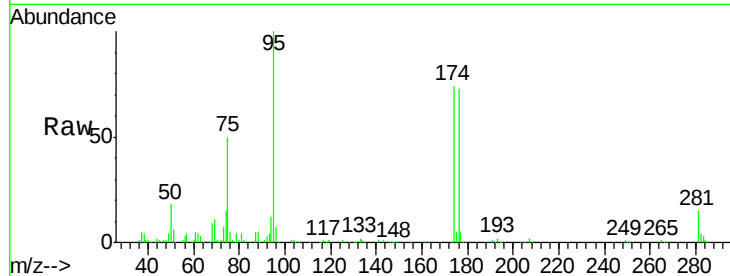
Tot Ion: 95 Resp: 54935

Ion Ratio Lower Upper

95 100

174 72.9 0.0 142.0

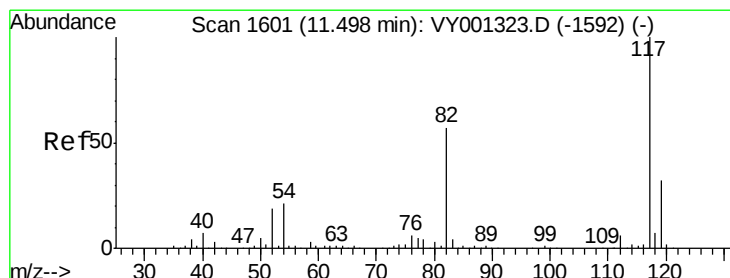
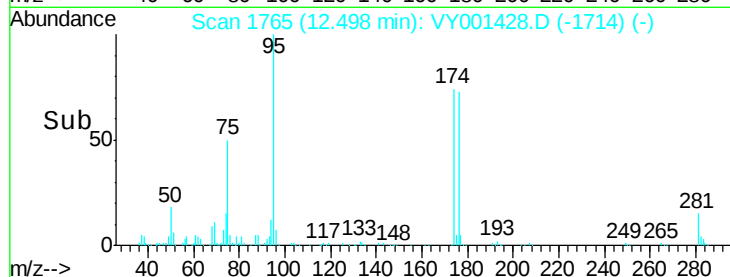
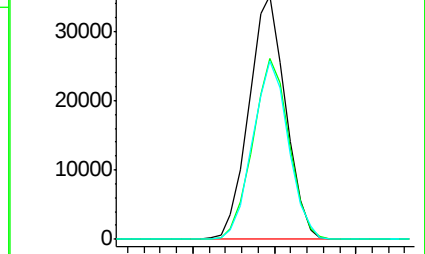
176 71.4 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001428.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001428.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001428.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. 0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

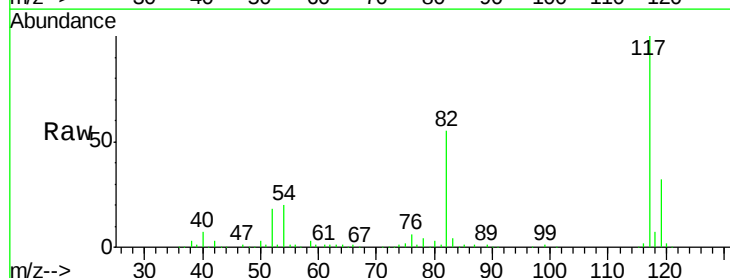
Tgt Ion: 117 Resp: 125667

Ion Ratio Lower Upper

117 100

82 54.7 45.5 68.3

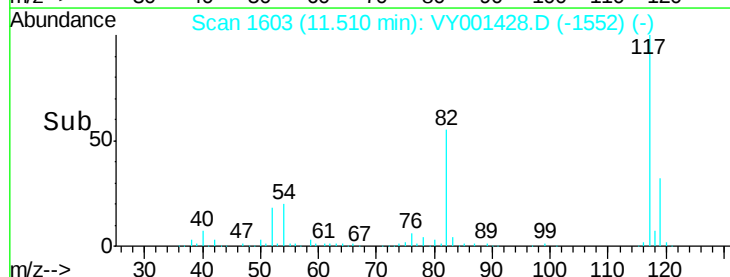
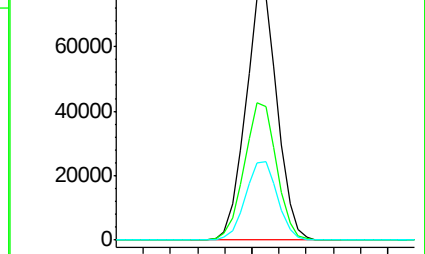
119 32.5 25.8 38.6

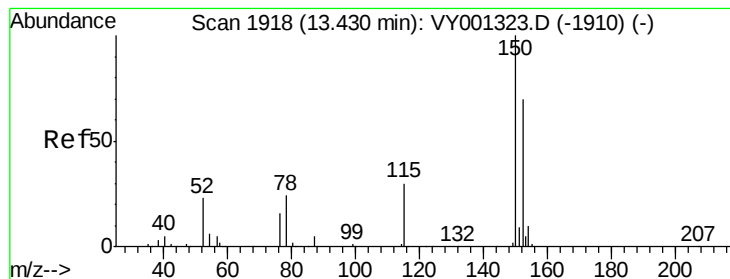


Abundance Ion 116.90 (116.60 to 117.60): VY001428.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY001428.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001428.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-06-A

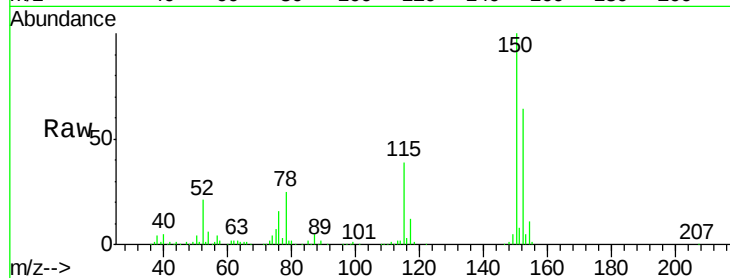
Tot Ion:152 Resp: 46828

Ion Ratio Lower Upper

152 100

115 60.0 30.9 92.8

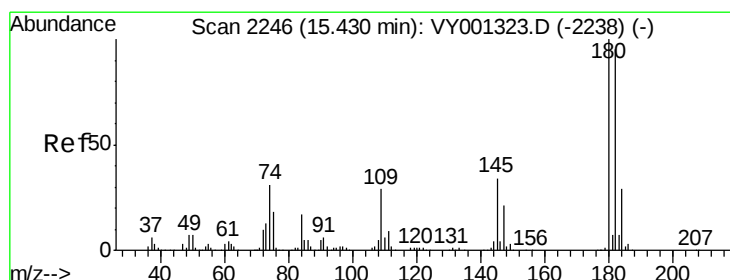
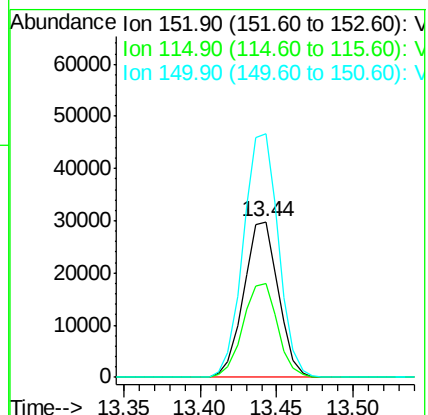
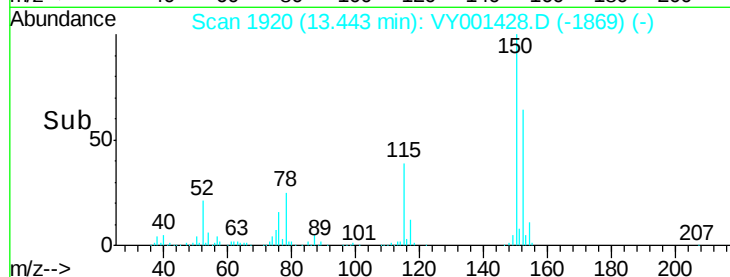
150 158.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#96

1,2,3-Trichlorobenzene

Concen: 1.039 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001428.D

Acq: 30 Jan 2020 14:31

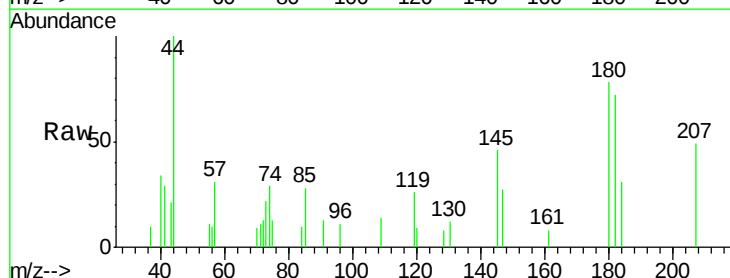
Tgt Ion:180 Resp: 889

Ion Ratio Lower Upper

180 100

182 85.4 47.3 141.8

145 107.8 16.8 50.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

