

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001435.D
 Acq On : 30 Jan 2020 17:06
 Operator : SY/MD
 Sample : L1319-15
 Misc : 2.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jan 31 03:31:25 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

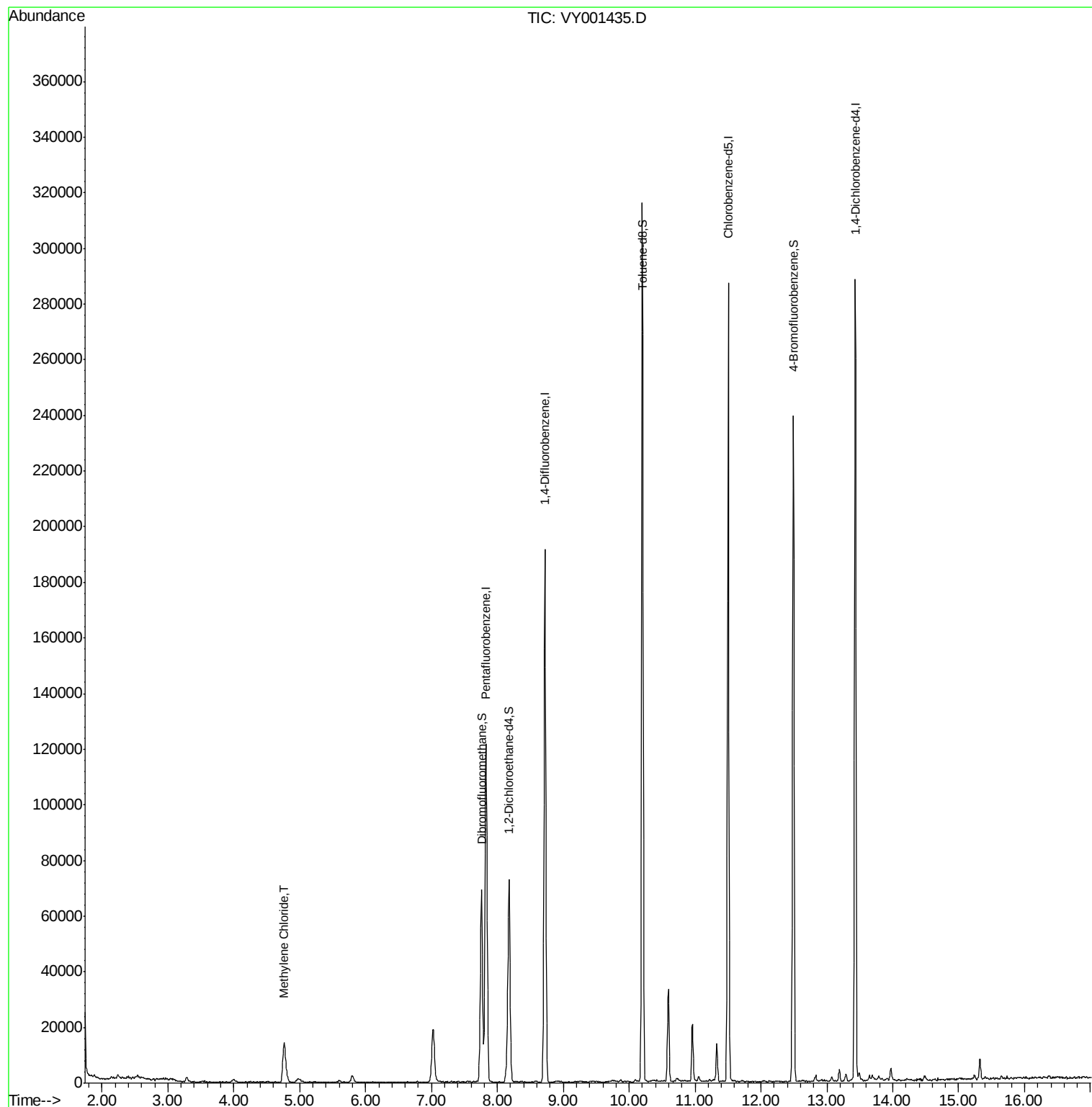
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	90056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	168965	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	152481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	69544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	53048	54.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	7.75	113	49761	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.20	98	199271	51.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.49	95	70886	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
20) Methylene Chloride	4.76	84	10741	5.068	ug/l #	Qvalue 87

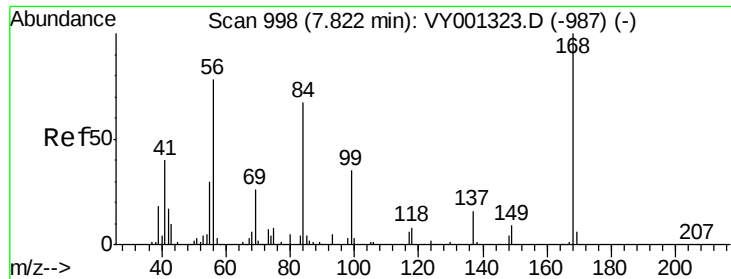
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001435.D

Acq: 30 Jan 2020 17:06

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MSVOA_Y

ClientSampleId :

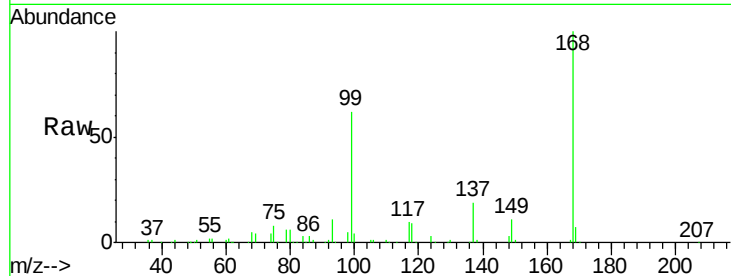
RAINEY-PARK-BH-02-B

Tot Ion:168 Resp: 90056

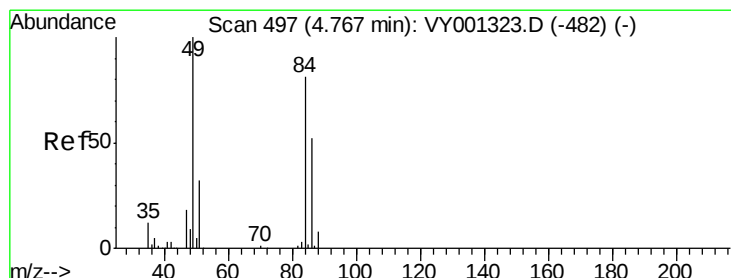
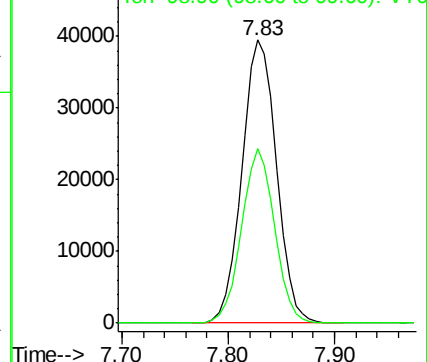
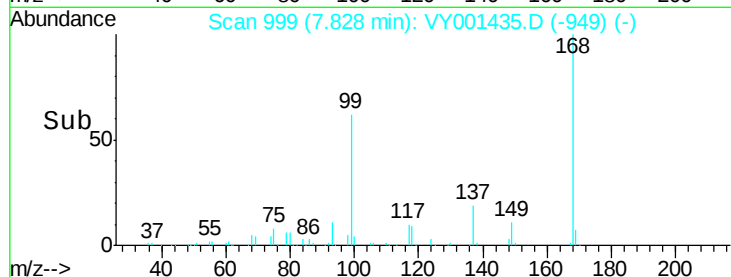
Ion Ratio Lower Upper

168 100

99 61.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001435.D (-949) (-)



#20

Methylene Chloride

Concen: 5.068 ug/l

RT: 4.76 min Scan# 496

Delta R.T. -0.01 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Tgt Ion: 84 Resp: 10741

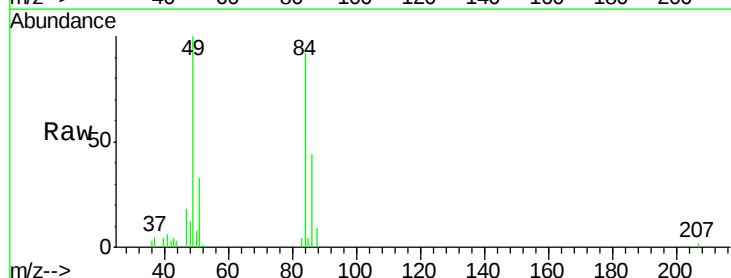
Ion Ratio Lower Upper

84 100

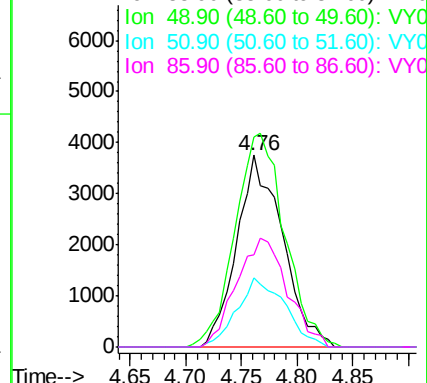
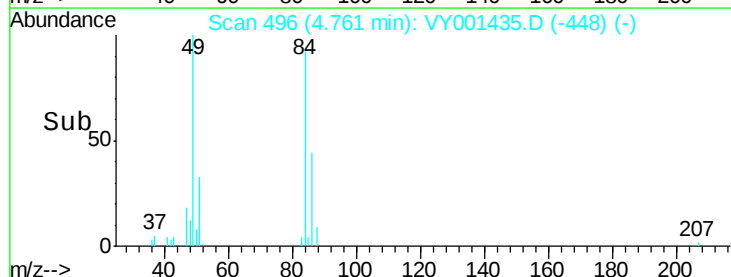
49 109.1 98.3 147.5

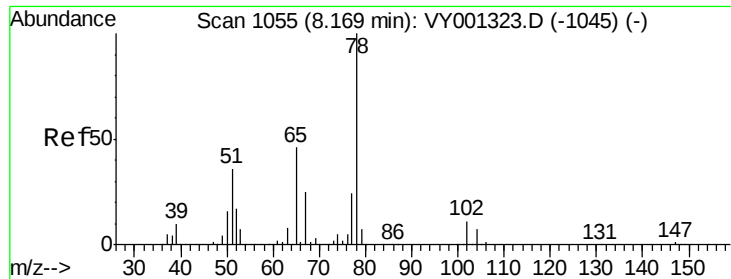
51 35.8 31.6 47.4

86 47.8 51.1 76.7#



Abundance Ion 83.90 (83.60 to 84.60): VY001435.D (-448) (-)

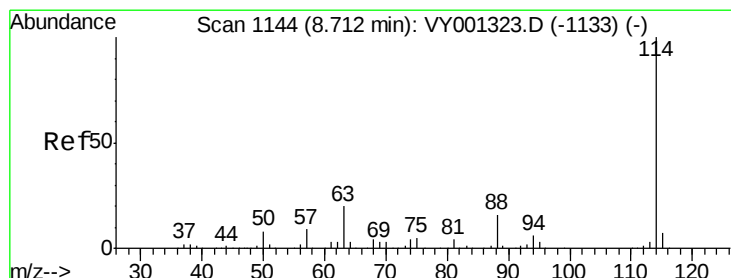
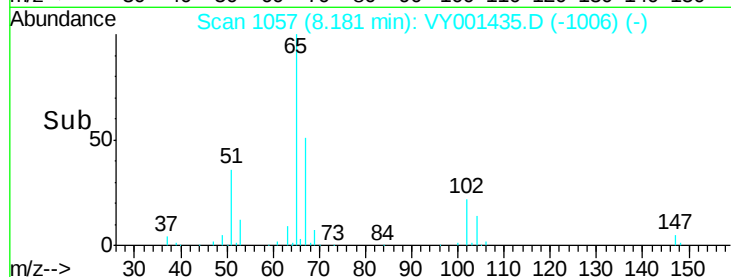
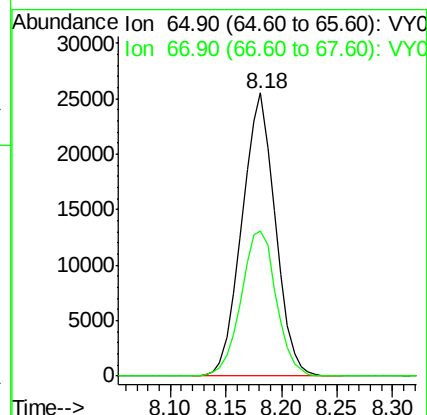
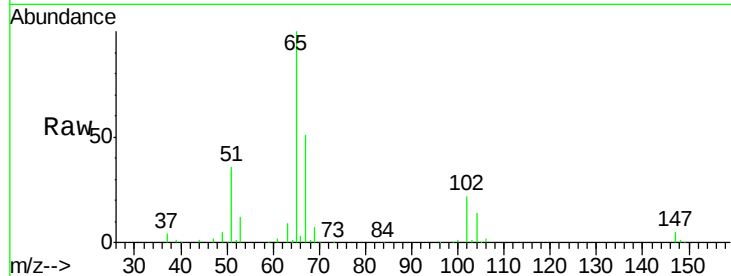




#33
 1,2-Dichloroethane-d4
 Concen: 54.134 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY001435.D
 Acq: 30 Jan 2020 17:06

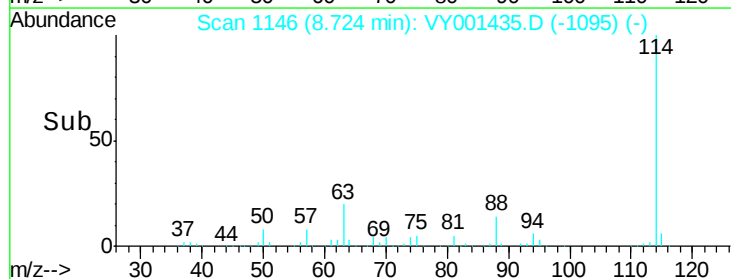
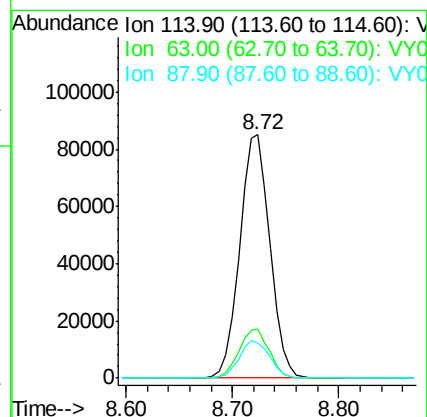
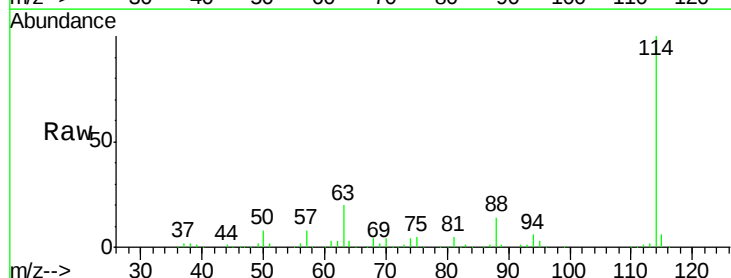
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-02-B

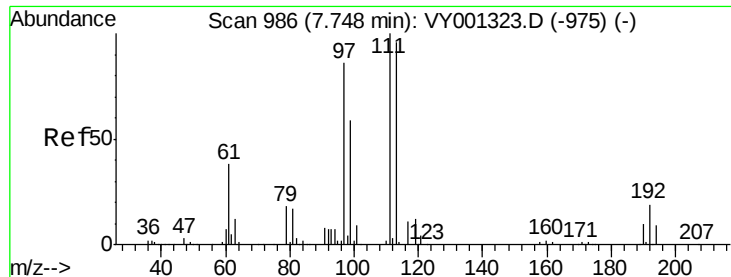
Tot Ion: 65 Resp: 53048
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001435.D
 Acq: 30 Jan 2020 17:06

Tgt Ion: 114 Resp: 168965
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 14.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.179 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-02-B

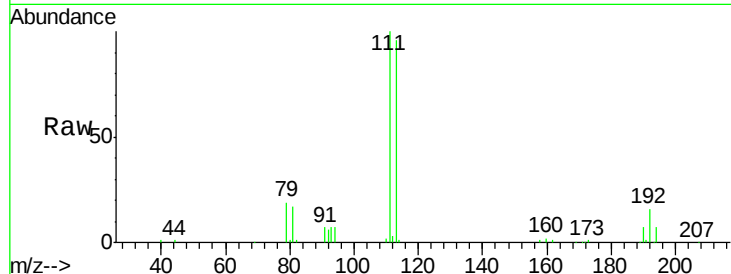
Tot Ion:113 Resp: 49761

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

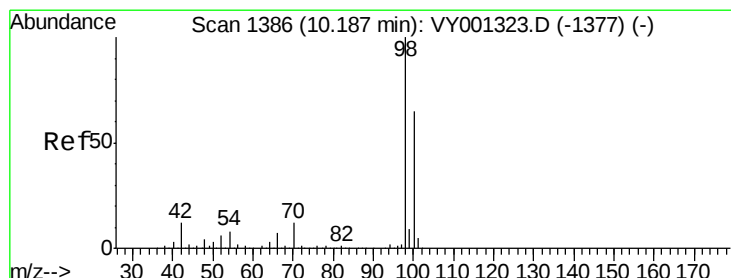
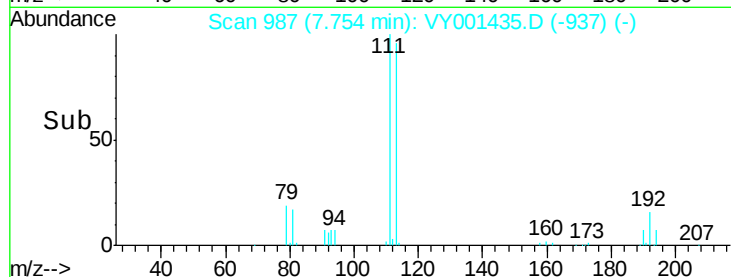
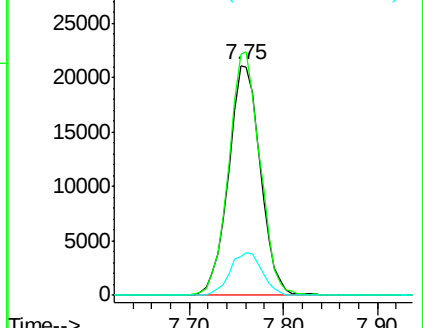
192 18.9 15.5 23.3



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: 51.720 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001435.D

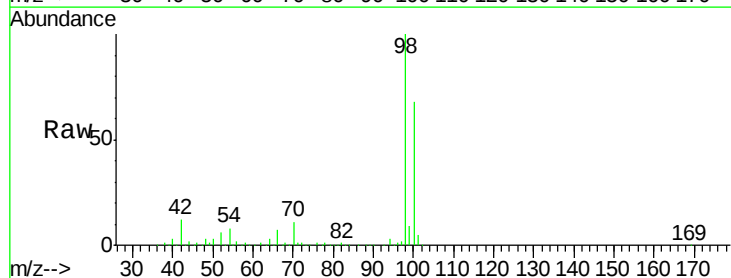
Acq: 30 Jan 2020 17:06

Tgt Ion: 98 Resp: 199271

Ion Ratio Lower Upper

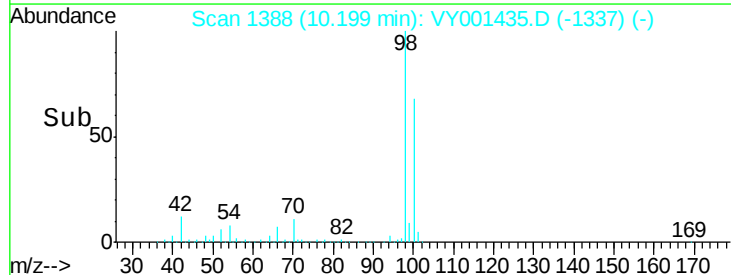
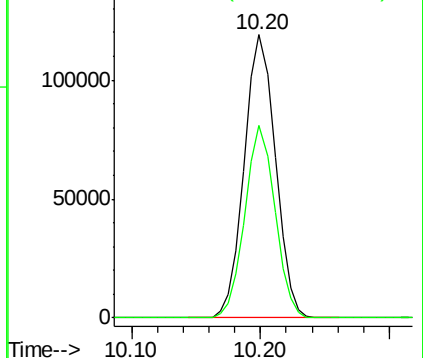
98 100

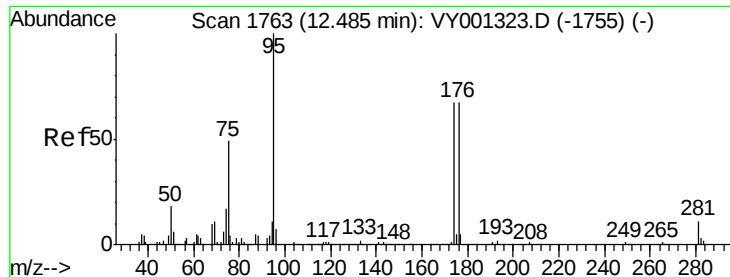
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

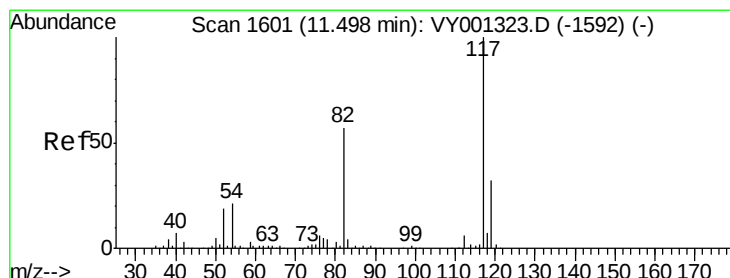
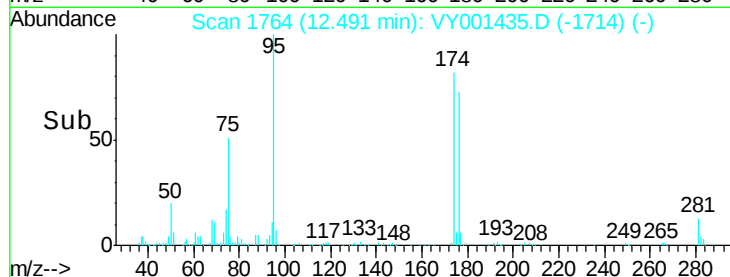
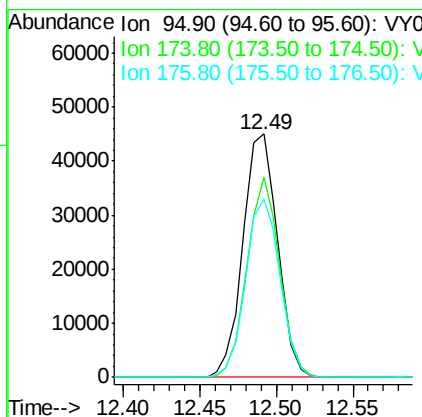
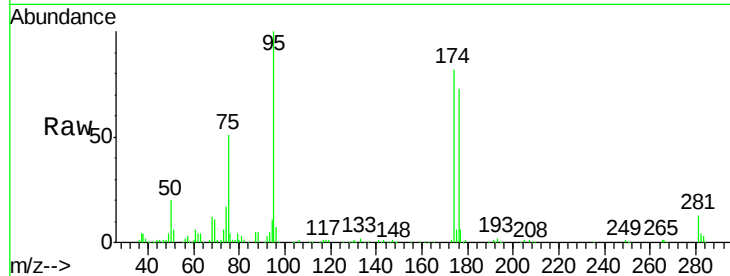




#62
4-Bromofluorobenzene
Concen: 46.200 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

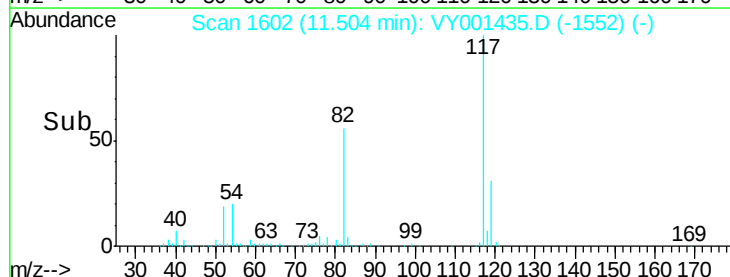
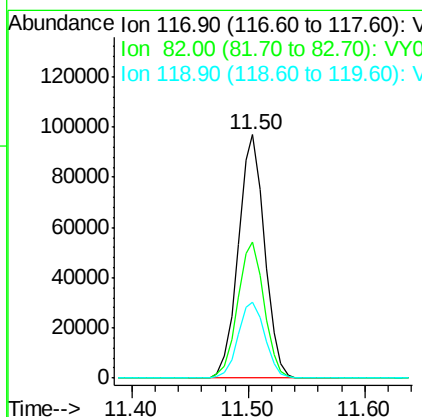
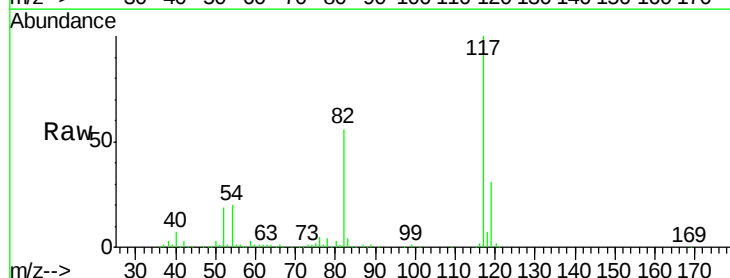
Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-02-B

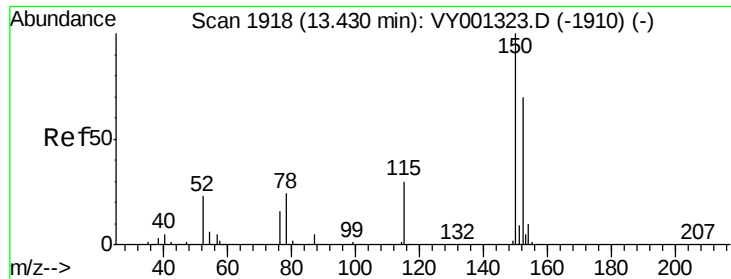
Tot Ion: 95 Resp: 70886
Ion Ratio Lower Upper
95 100
174 77.5 0.0 142.0
176 72.7 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

Tgt Ion: 117 Resp: 152481
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 31.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-02-B

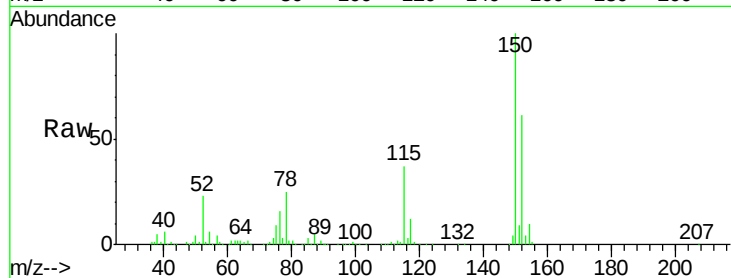
Tot Ion:152 Resp: 69544

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.8

150 157.0 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

