

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001432.D
 Acq On : 30 Jan 2020 16:00
 Operator : SY/MD
 Sample : L1319-09
 Misc : 3.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-01-B

Quant Time: Jan 30 16:28:26 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

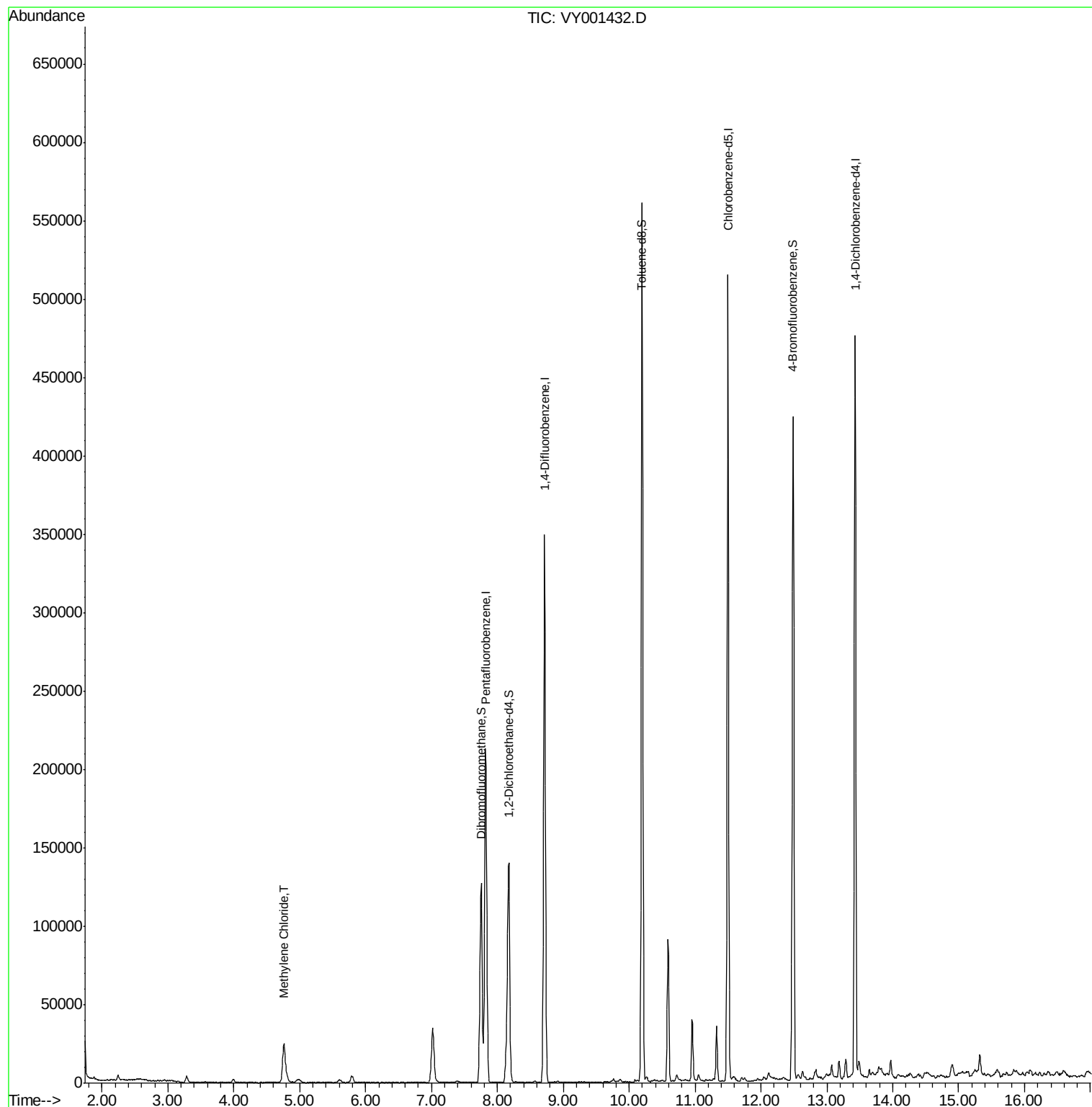
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	308500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	114714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	99202	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	7.75	113	89769	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.19	98	362926	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.49	95	127486	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
20) Methylene Chloride	4.76	84	17909	4.137	ug/l	Qvalue 99

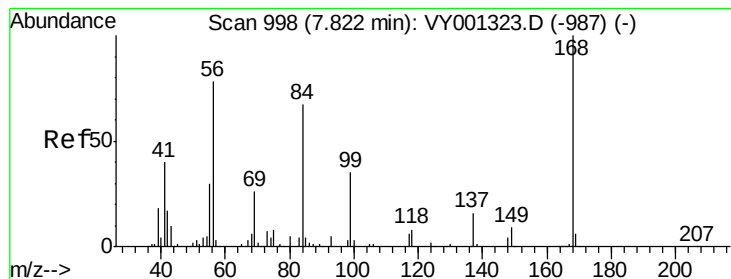
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001432.D

Acq: 30 Jan 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

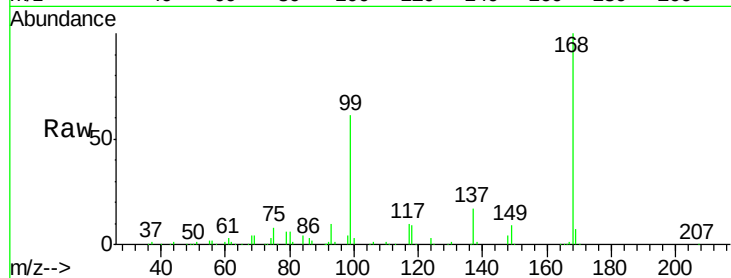
RAINEY-PARK-BH-01-B

Tot Ion:168 Resp: 166094

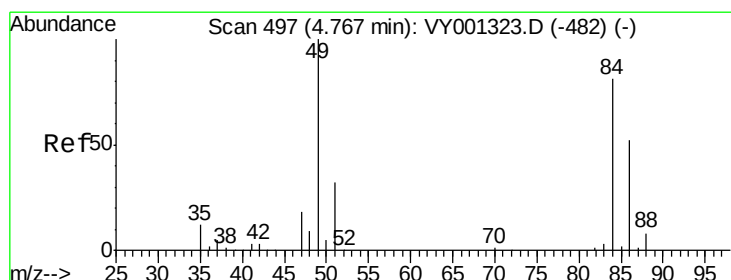
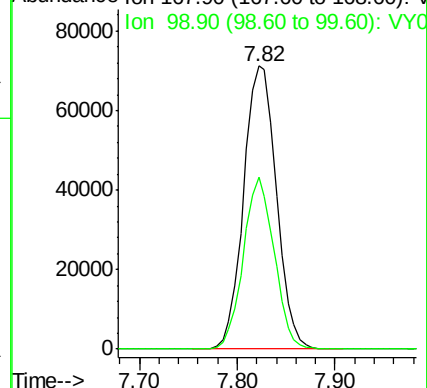
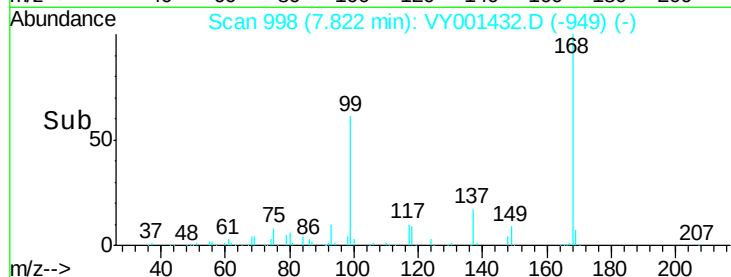
Ion Ratio Lower Upper

168 100

99 60.7 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001432.D (-949) (-)



#20

Methylene Chloride

Concen: 4.137 ug/l

RT: 4.76 min Scan# 496

Delta R.T. -0.01 min

Lab File: VY001432.D

Acq: 30 Jan 2020 16:00

Tgt Ion: 84 Resp: 17909

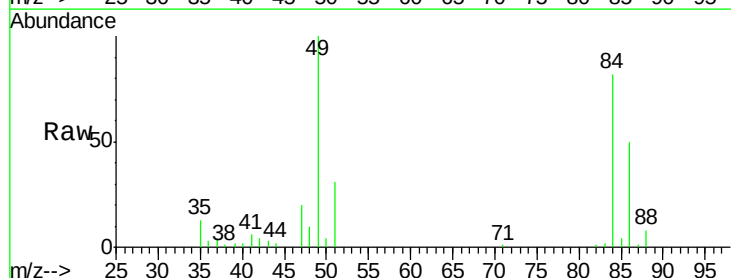
Ion Ratio Lower Upper

84 100

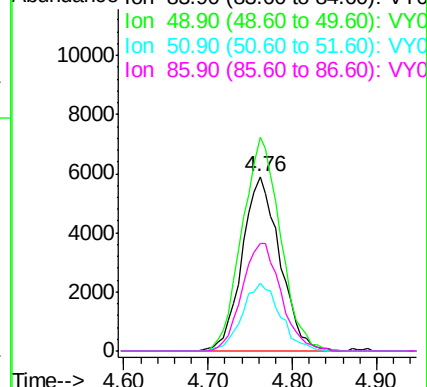
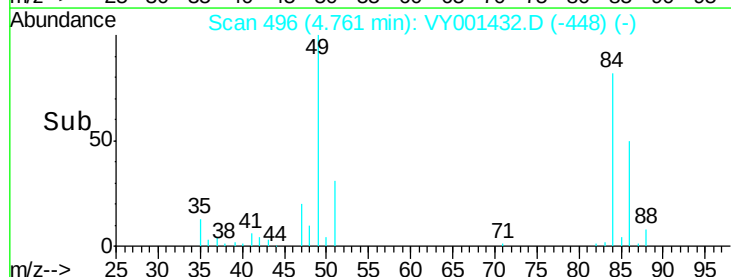
49 122.5 98.3 147.5

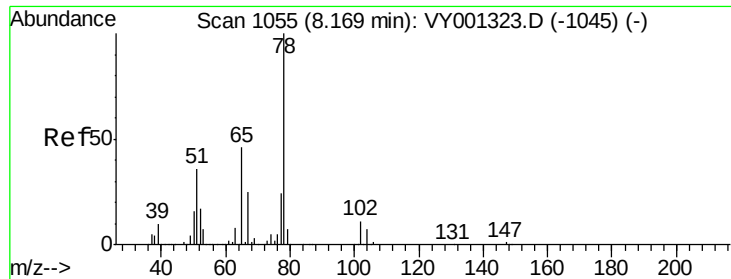
51 38.6 31.6 47.4

86 61.7 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY001432.D (-448) (-)

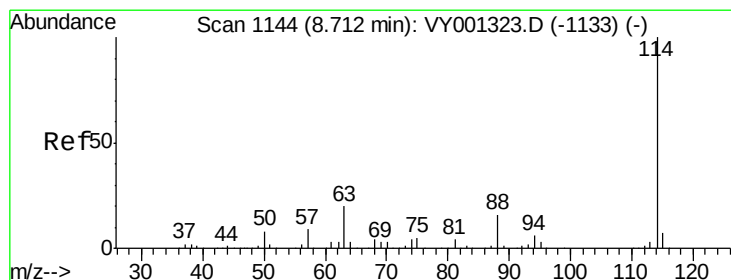
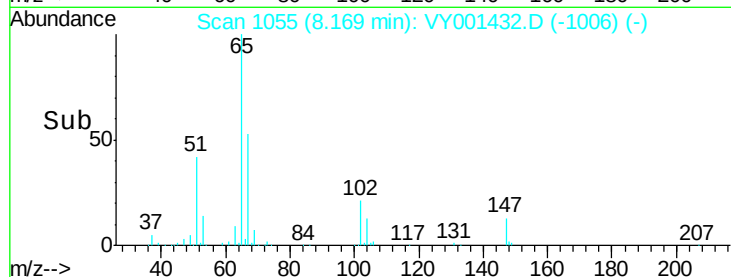
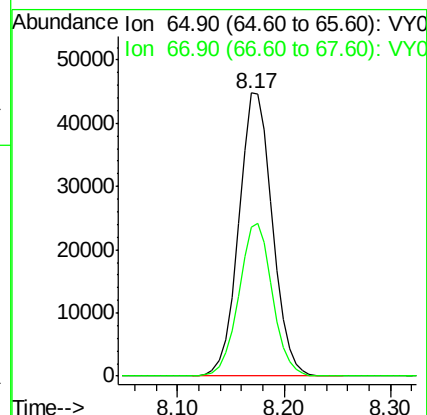
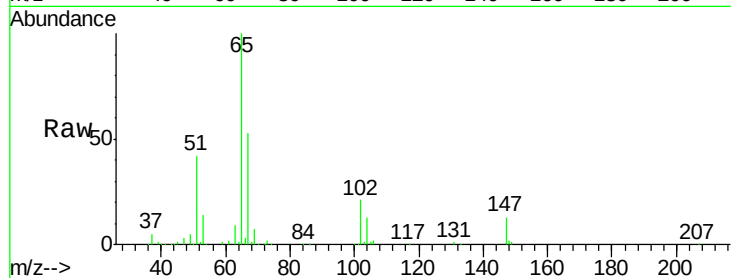




#33
 1,2-Dichloroethane-d4
 Concen: 54.889 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001432.D
 Acq: 30 Jan 2020 16:00

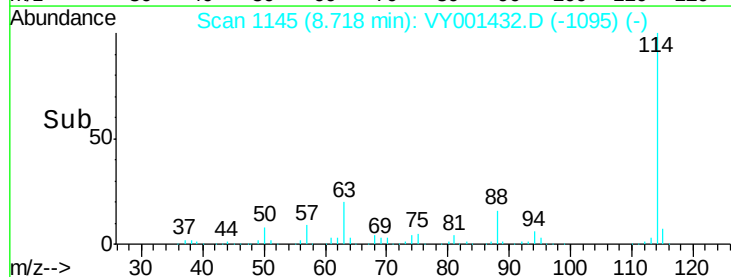
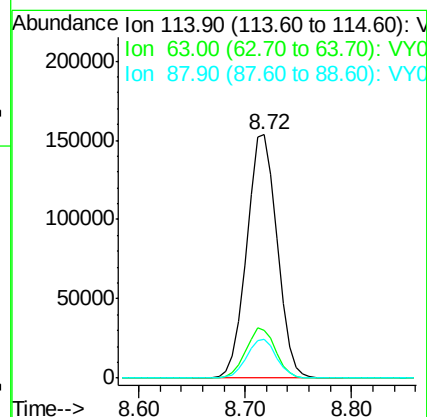
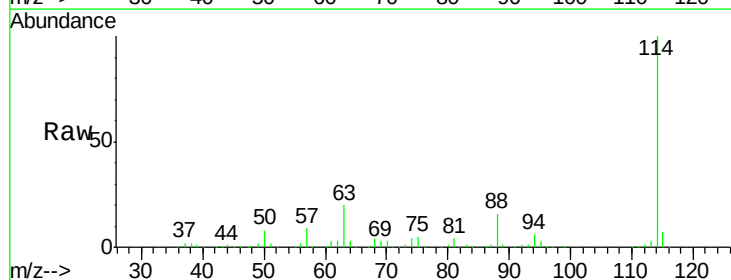
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-01-B

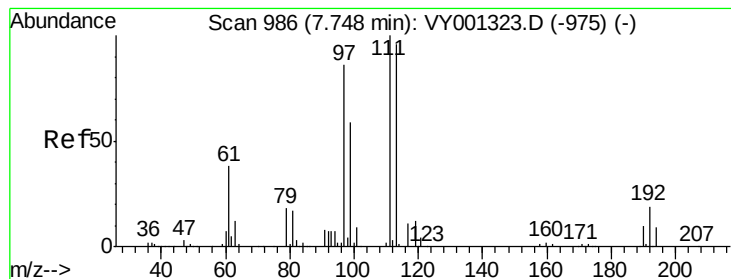
Tot Ion: 65 Resp: 99202
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001432.D
 Acq: 30 Jan 2020 16:00

Tgt Ion: 114 Resp: 308500
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.579 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001432.D

Acq: 30 Jan 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-01-B

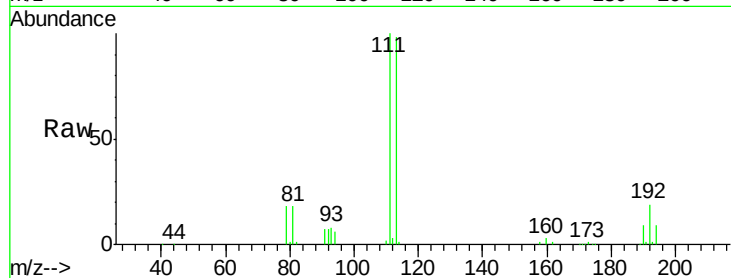
Tot Ion:113 Resp: 89769

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

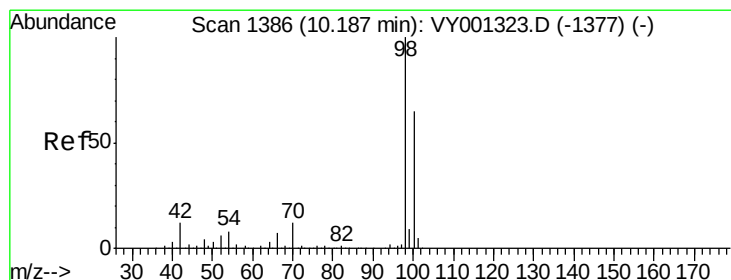
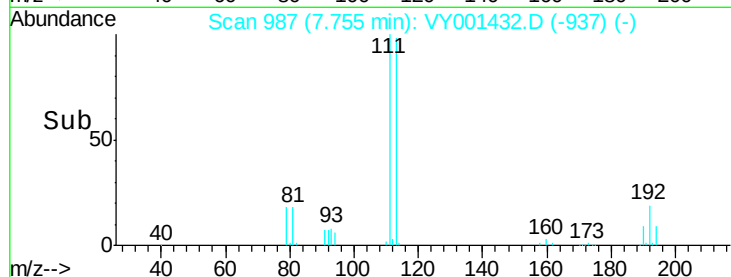
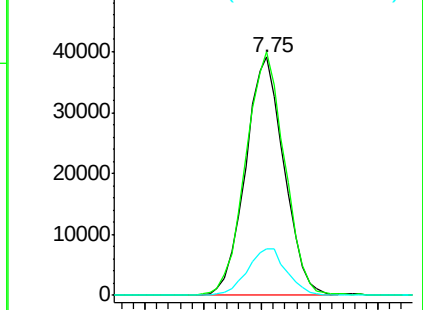
192 19.9 15.5 23.3



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: 51.591 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001432.D

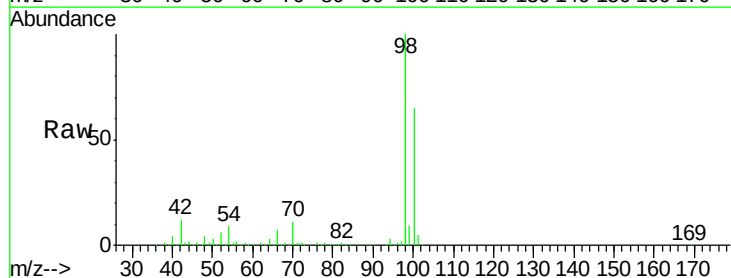
Acq: 30 Jan 2020 16:00

Tgt Ion: 98 Resp: 362926

Ion Ratio Lower Upper

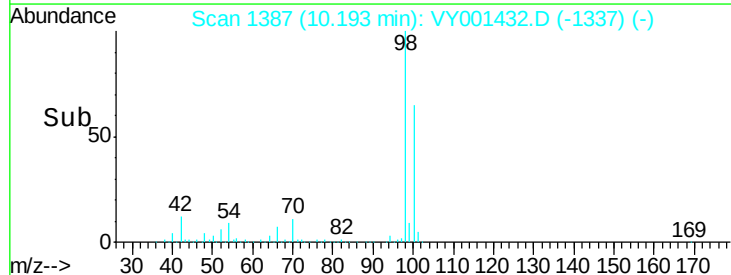
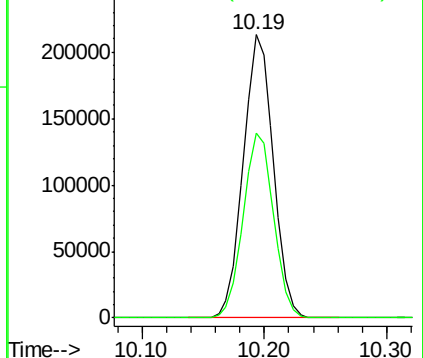
98 100

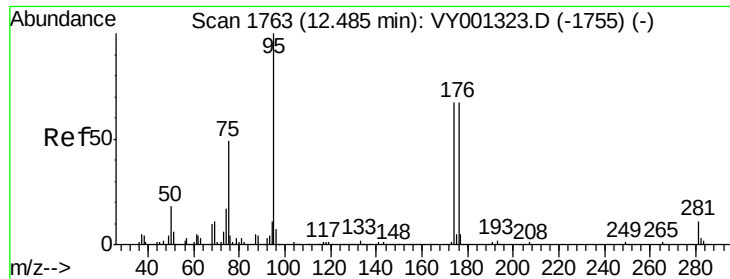
100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

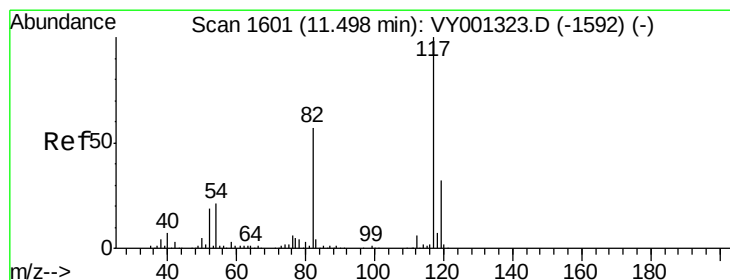
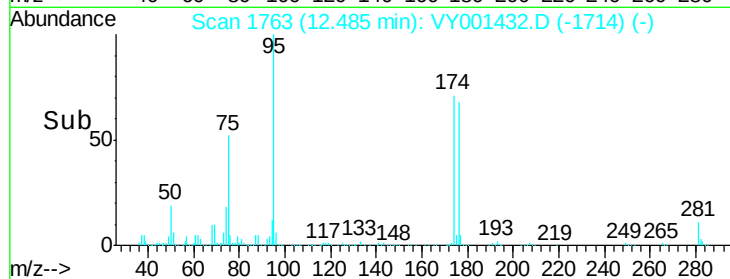
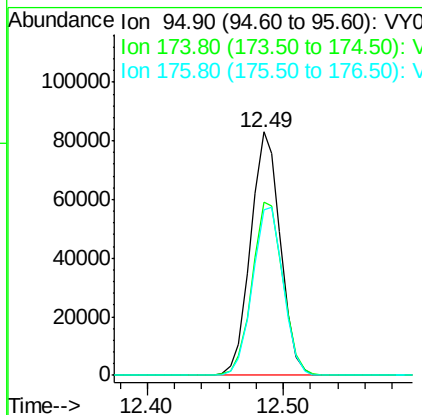
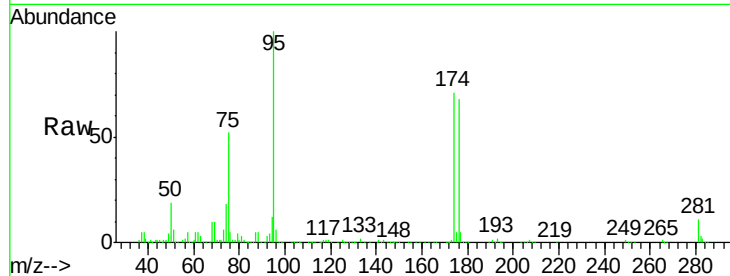




#62
 4-Bromofluorobenzene
 Concen: 45.508 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001432.D
 Acq: 30 Jan 2020 16:00

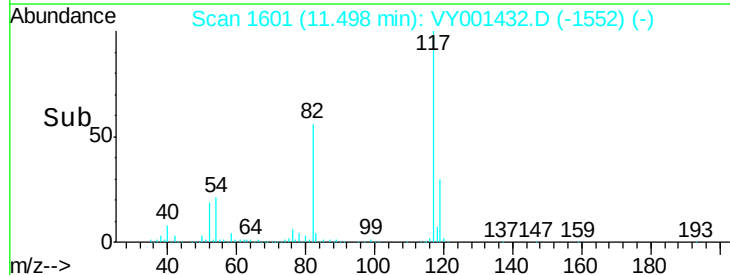
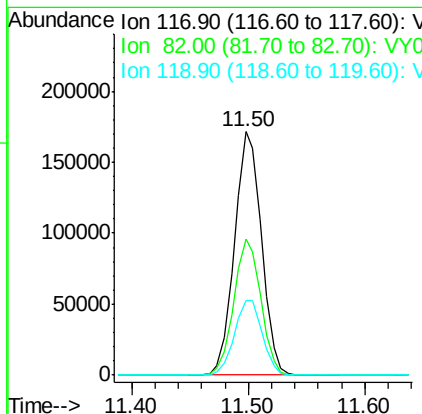
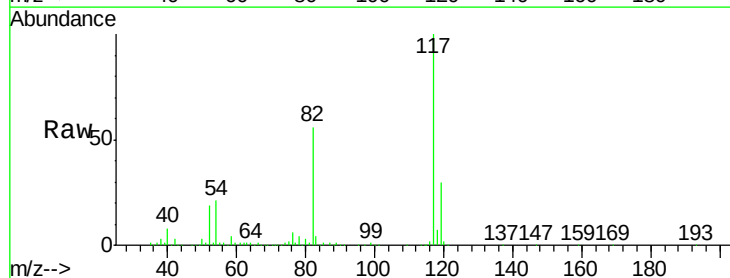
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-01-B

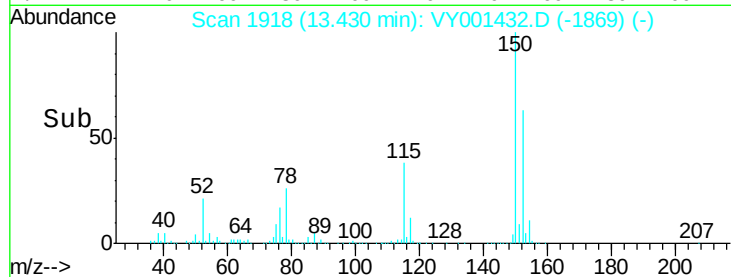
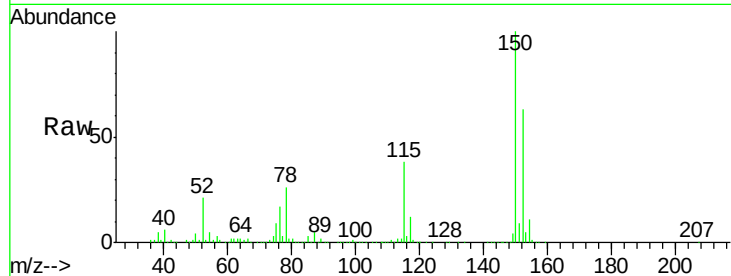
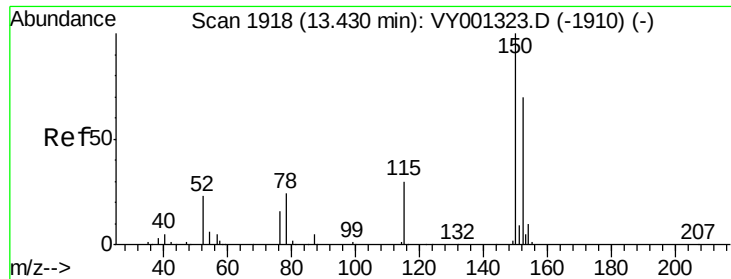
Tot Ion	95	Resp	127486
Ion Ratio	100		
Lower			
Upper			
174	73.7	0.0	142.0
176	71.0	0.0	138.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: VY001432.D
 Acq: 30 Jan 2020 16:00

Tgt Ion	117	Resp	276513
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	55.7	45.5	68.3
119	30.3	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: VY001432.D

Acq: 30 Jan 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-01-B

Tot Ion:152 Resp: 114714

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.8

150 159.0 0.0 349.2

