

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001451.D
 Acq On : 31 Jan 2020 13:40
 Operator : SY/MD
 Sample : L1319-15RE
 Misc : 2.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 31 14:28:29 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	7.81	168	73268	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	127967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	111317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	48173	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	38423	48.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	7.74	113	36726	48.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.19	98	151836	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.49	95	51723	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	

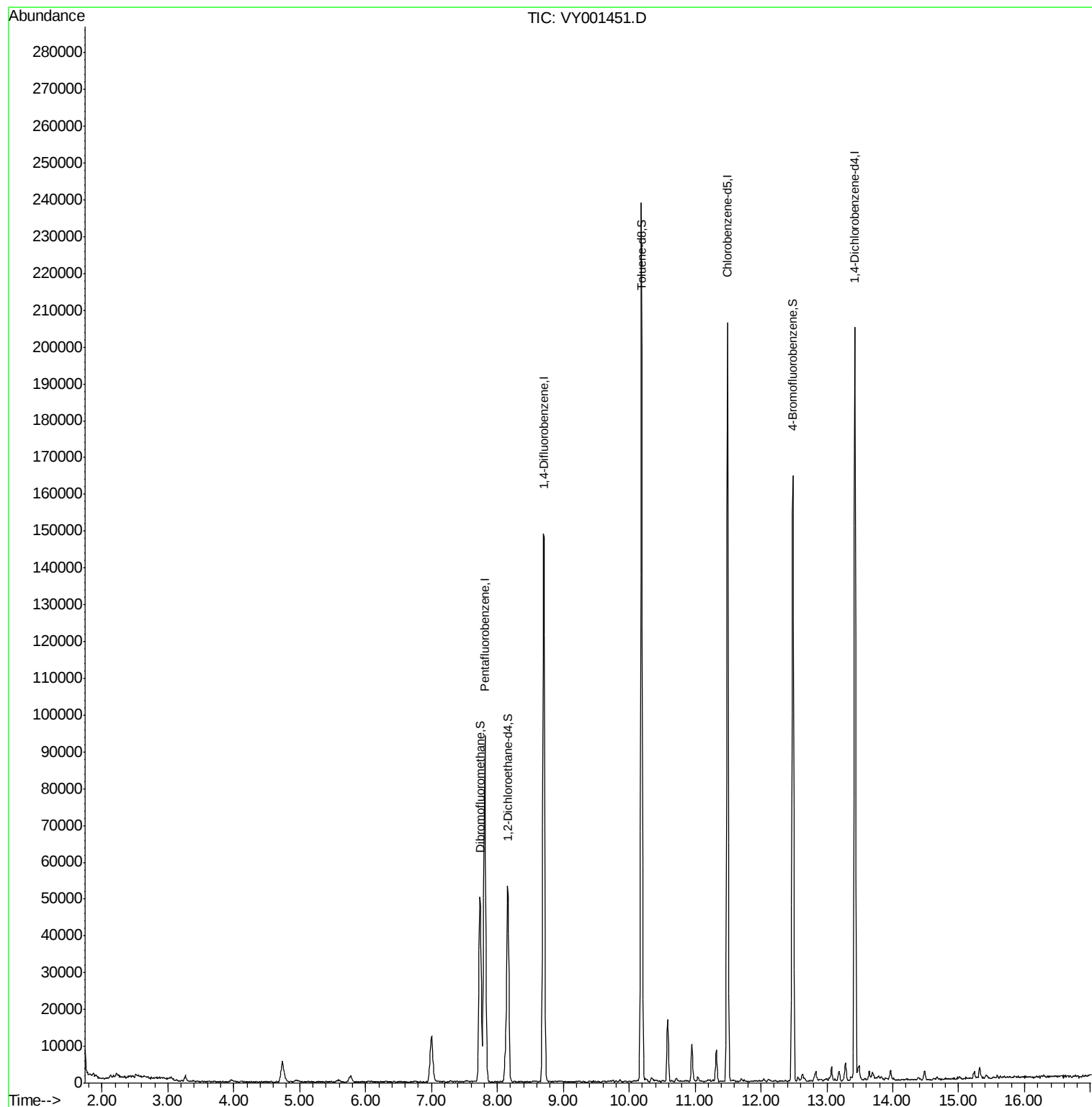
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001451.D
Acq On : 31 Jan 2020 13:40
Operator : SY/MD
Sample : L1319-15RE
Misc : 2.97G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 31 14:28:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001451.D

Acq: 31 Jan 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

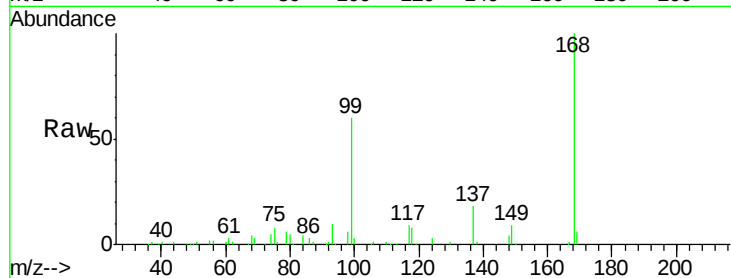
RAINEY-PARK-BH-02-BRE

Tot Ion:168 Resp: 73268

Ion Ratio Lower Upper

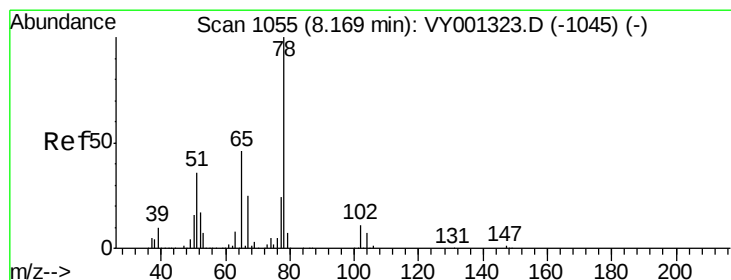
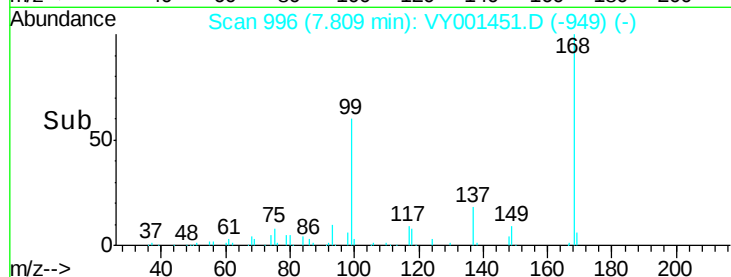
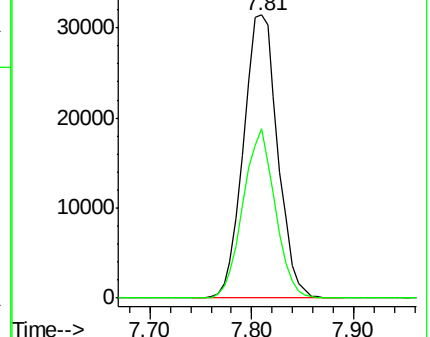
168 100

99 59.9 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.194 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001451.D

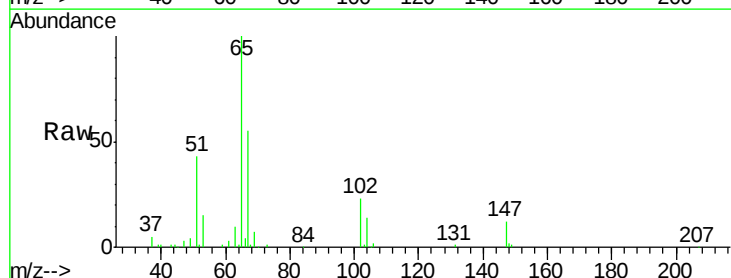
Acq: 31 Jan 2020 13:40

Tgt Ion: 65 Resp: 38423

Ion Ratio Lower Upper

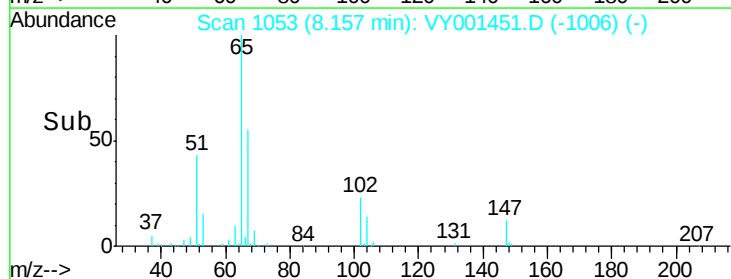
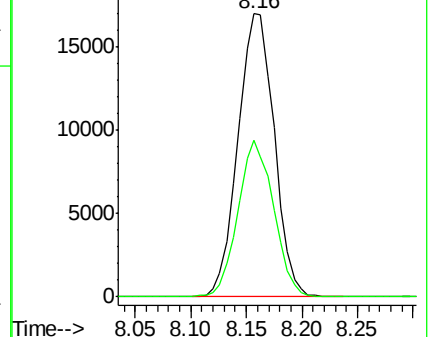
65 100

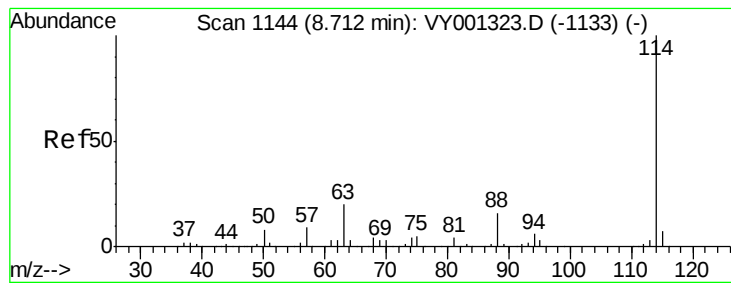
67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001451.D

Acq: 31 Jan 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-02-BRE

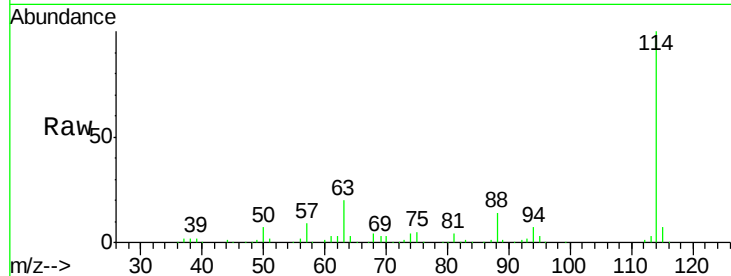
Tot Ion:114 Resp: 127967

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

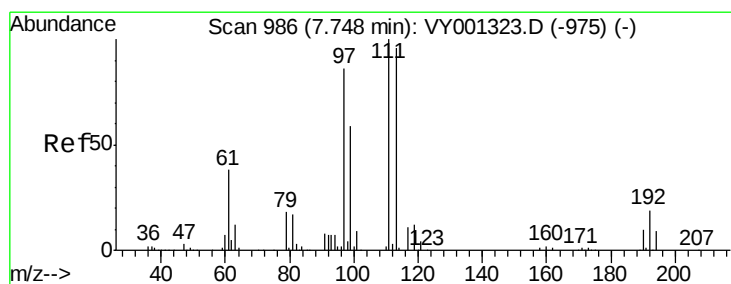
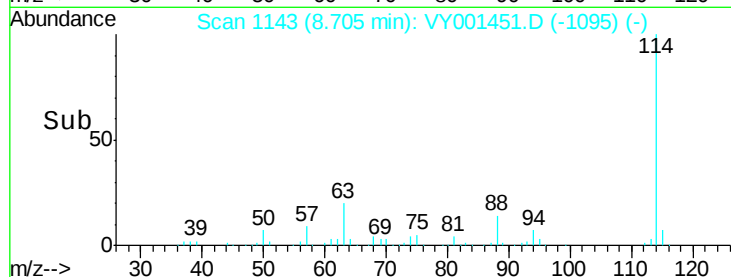
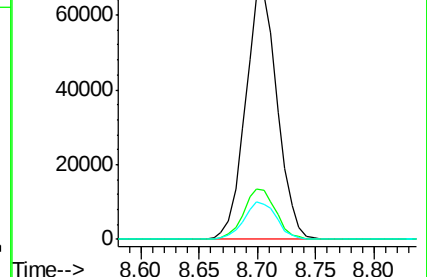
88 14.2 0.0 31.0



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: 48.899 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001451.D

Acq: 31 Jan 2020 13:40

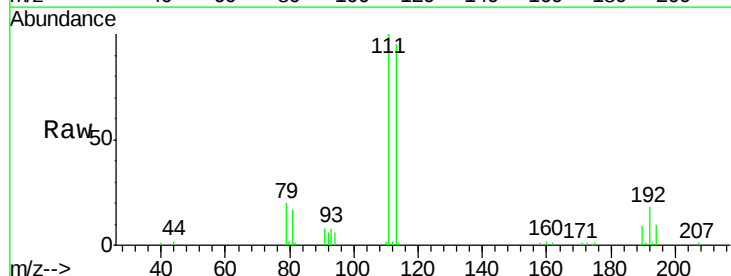
Tgt Ion:113 Resp: 36726

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

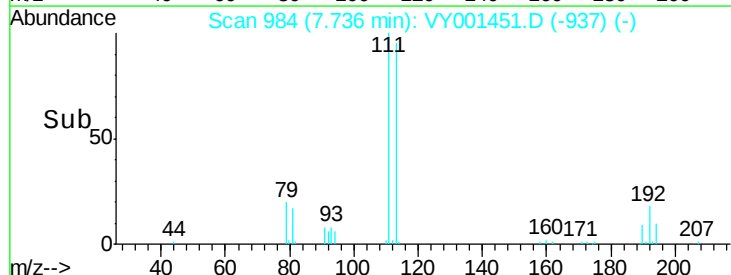
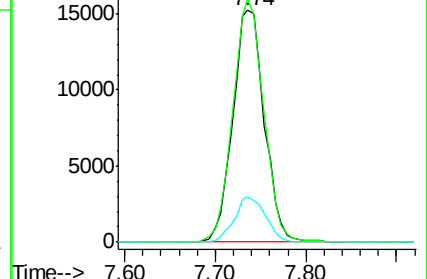
192 19.3 15.5 23.3

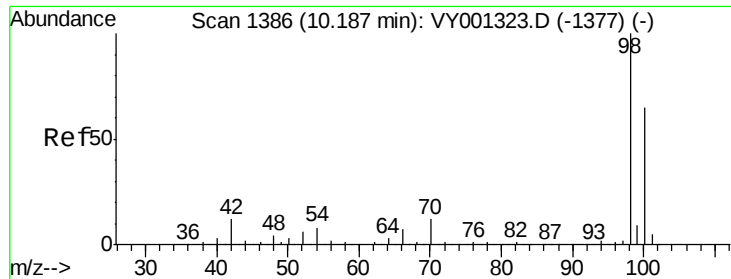


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.034 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001451.D

Acq: 31 Jan 2020 13:40

Instrument :

MSVOA_Y

ClientSampleId :

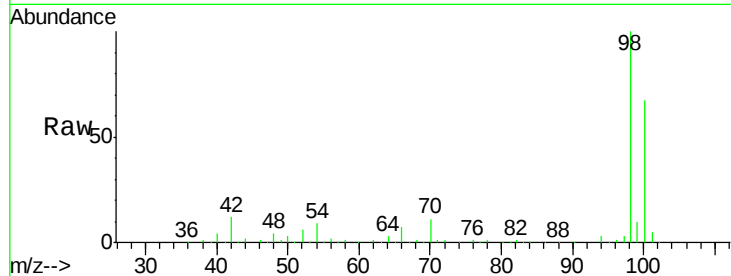
RAINEY-PARK-BH-02-BRE

Tot Ion: 98 Resp: 151836

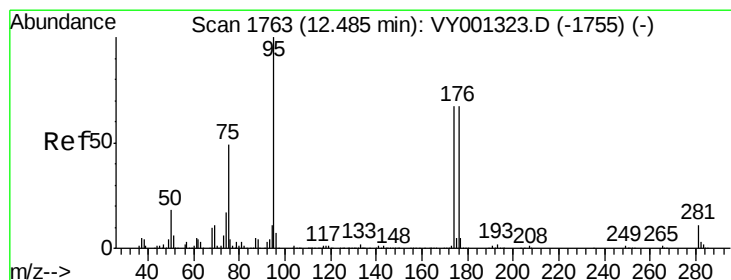
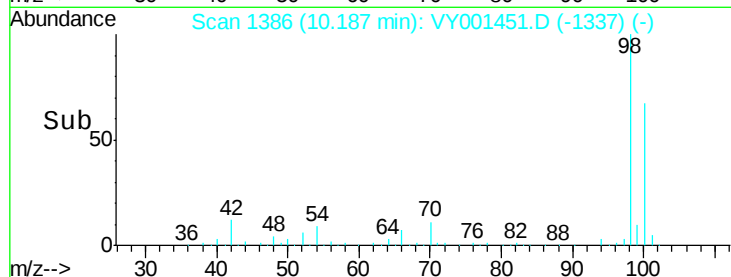
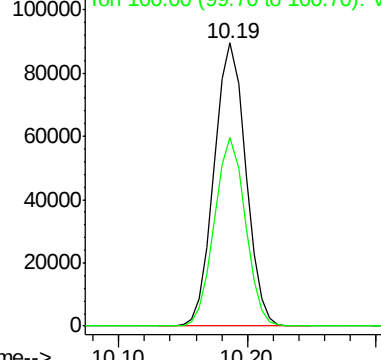
Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 44.510 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001451.D

Acq: 31 Jan 2020 13:40

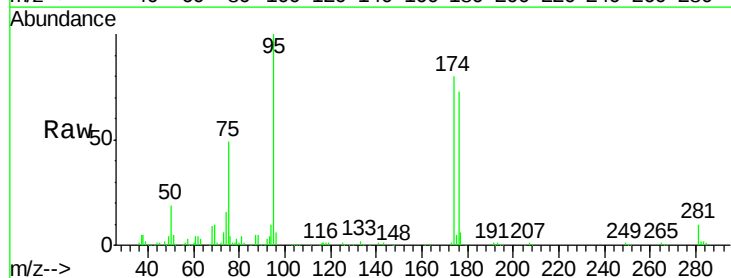
Tgt Ion: 95 Resp: 51723

Ion Ratio Lower Upper

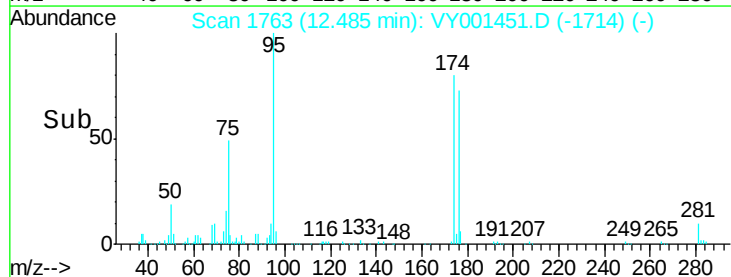
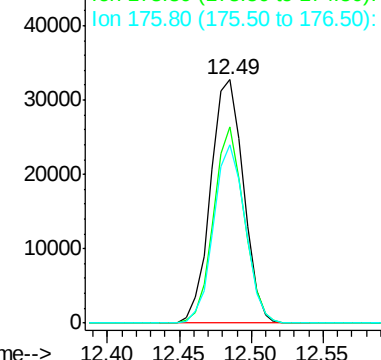
95 100

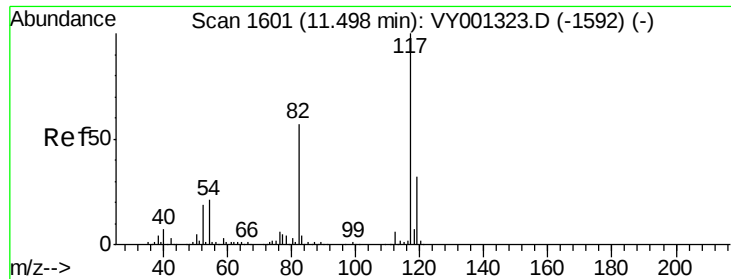
174 74.7 0.0 142.0

176 70.1 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

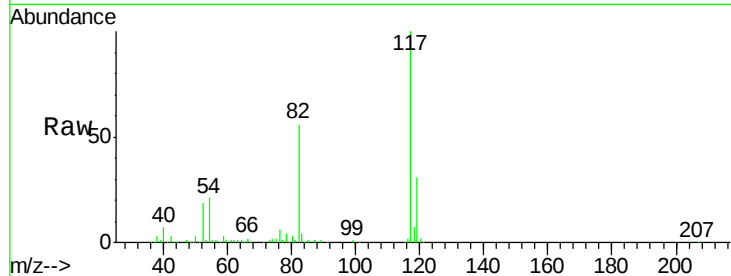




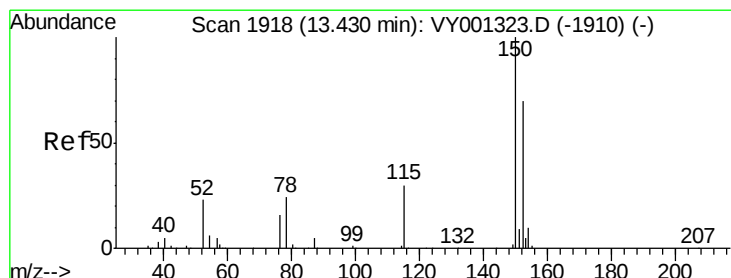
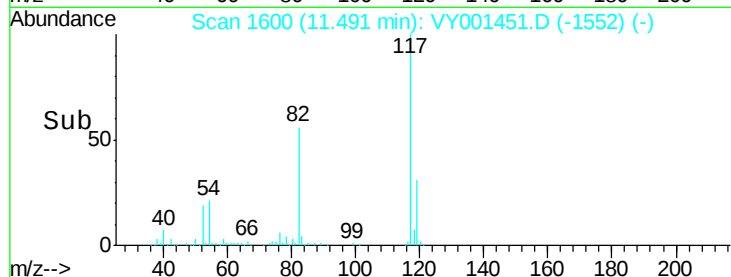
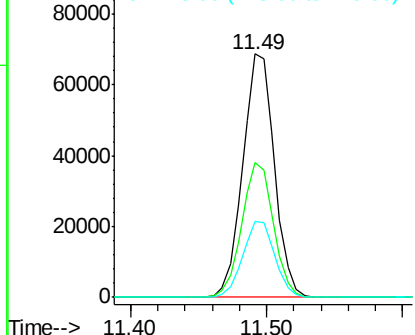
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001451.D
Acq: 31 Jan 2020 13:40

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

Tot Ion:117 Resp: 111317
Ion Ratio Lower Upper
117 100
82 55.6 45.5 68.3
119 31.4 25.8 38.6

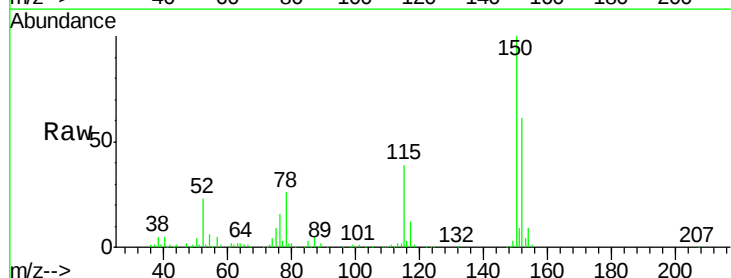


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001451.D
Acq: 31 Jan 2020 13:40

Tgt Ion:152 Resp: 48173
Ion Ratio Lower Upper
152 100
115 61.4 30.9 92.8
150 162.6 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

