

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001296.D
 Acq On : 20 Jan 2020 15:26
 Operator : SY/MD
 Sample : L1187-02
 Misc : 7.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE

Quant Time: Jan 21 07:28:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	172439	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	305031	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	243337	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.43	152	91115	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84776	46.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	7.74	113	85780	48.03	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.19	98	353303	51.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.49	95	109929	39.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	78.14%	

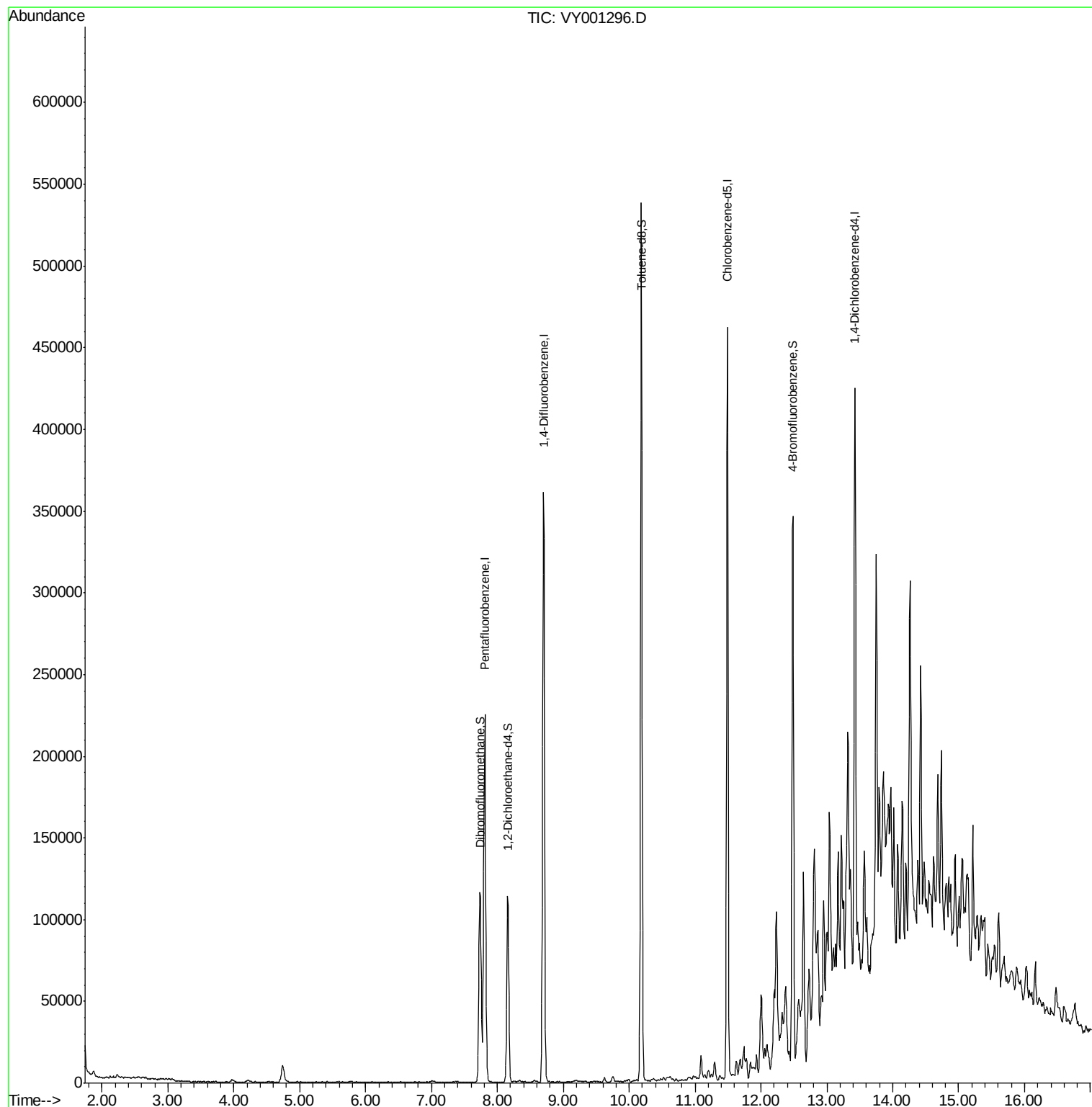
Target Compounds	Qvalue

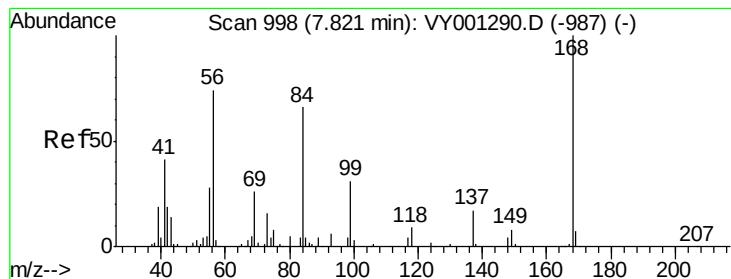
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
Data File : VY001296.D
Acq On : 20 Jan 2020 15:26
Operator : SY/MD
Sample : L1187-02
Misc : 7.23G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE

Quant Time: Jan 21 07:28:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 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: VY001296.D

Acq: 20 Jan 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

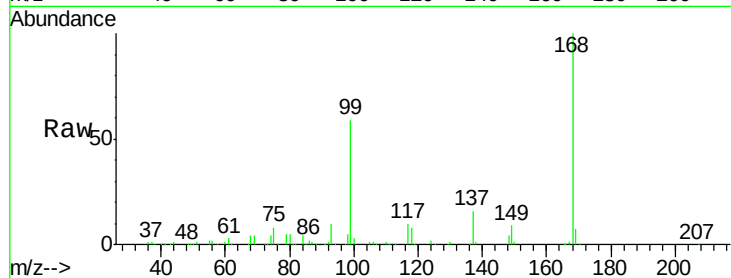
STOCKPILE

Tot Ion:168 Resp: 172439

Ion Ratio Lower Upper

168 100

99 59.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.81

80000

60000

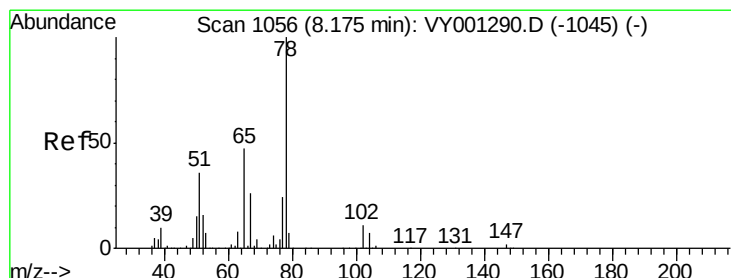
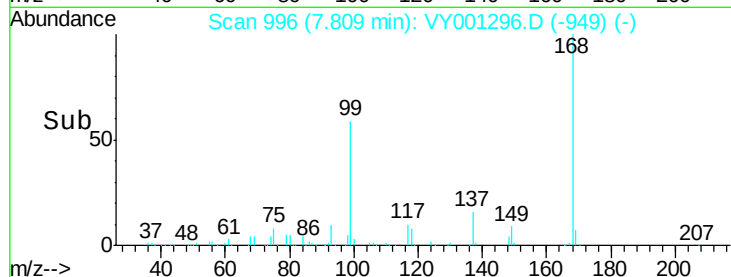
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.548 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.02 min

Lab File: VY001296.D

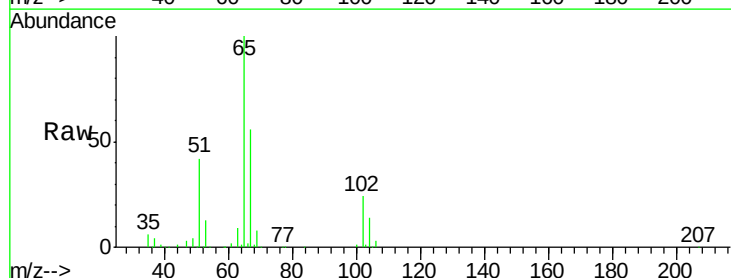
Acq: 20 Jan 2020 15:26

Tgt Ion: 65 Resp: 84776

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001290.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001290.D (-1045) (-)

8.16

40000

30000

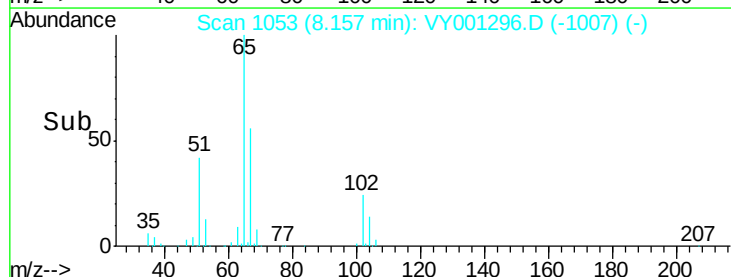
20000

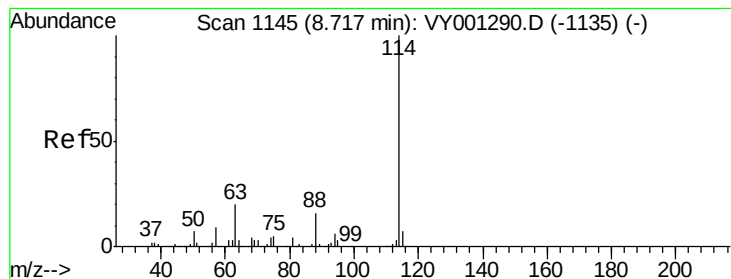
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.02 min

Lab File: VY001296.D

Acq: 20 Jan 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILE

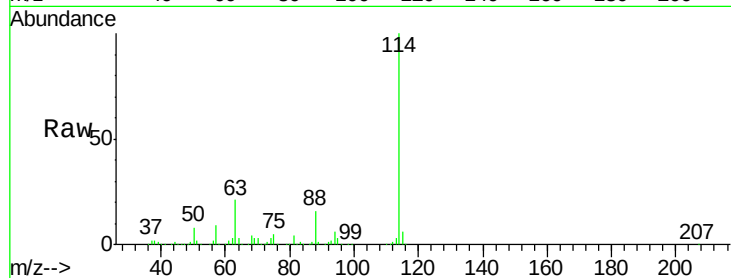
Tot Ion:114 Resp: 305031

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

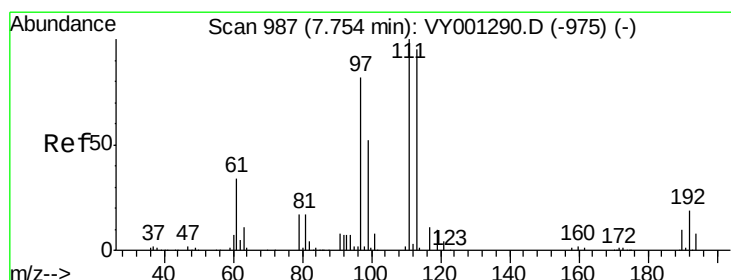
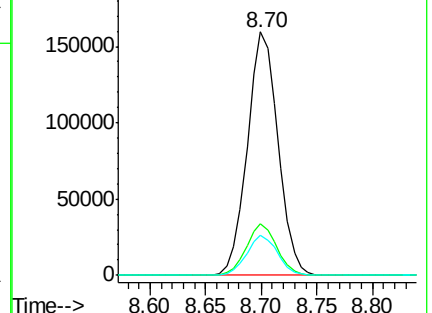
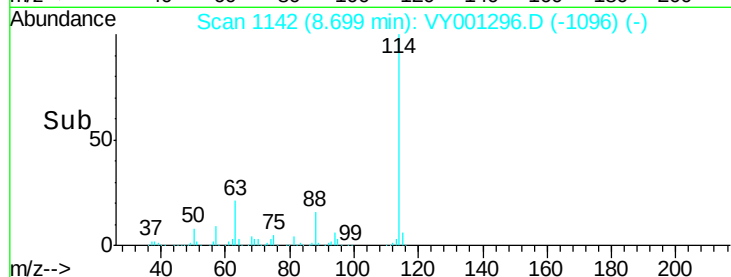
88 16.3 0.0 32.4



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: 48.030 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001296.D

Acq: 20 Jan 2020 15:26

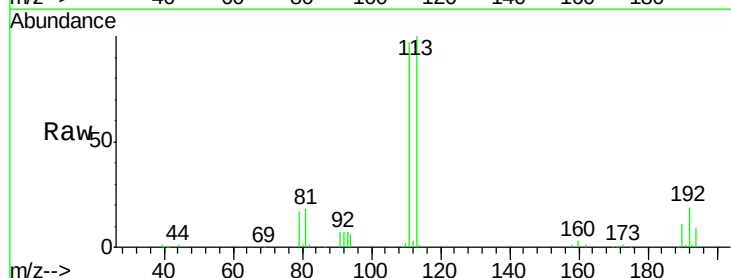
Tgt Ion:113 Resp: 85780

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

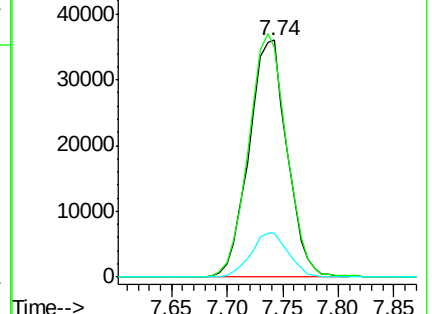
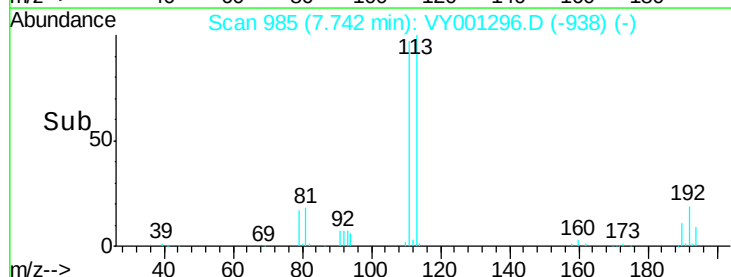
192 18.4 15.4 23.2

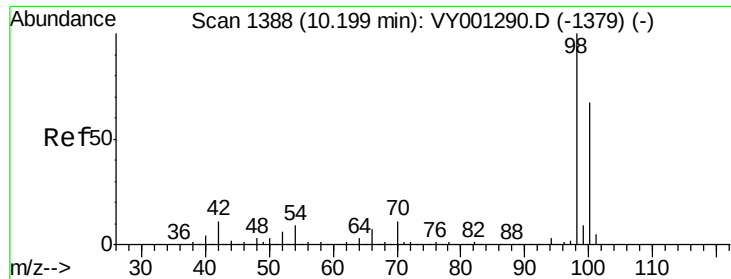


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.341 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001296.D

Acq: 20 Jan 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

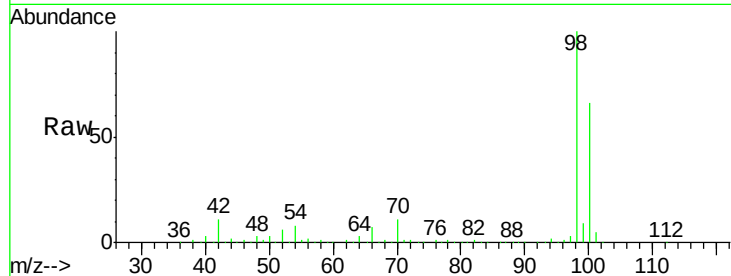
STOCKPILE

Tot Ion: 98 Resp: 353303

Ion Ratio Lower Upper

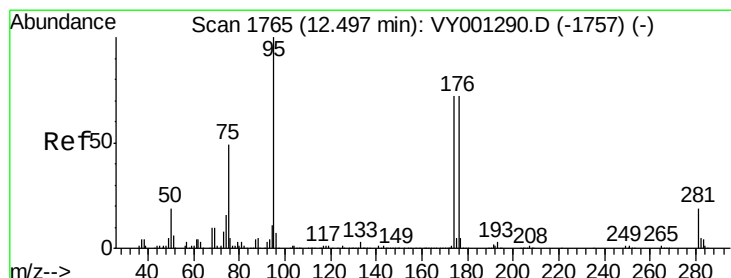
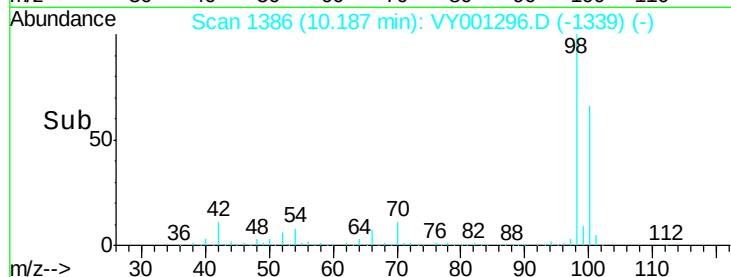
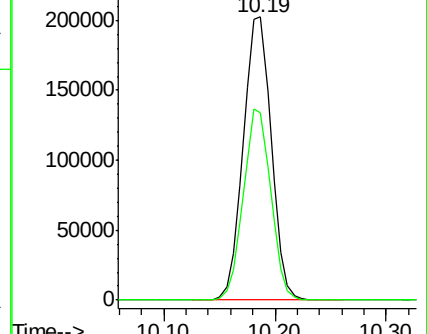
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 39.074 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001296.D

Acq: 20 Jan 2020 15:26

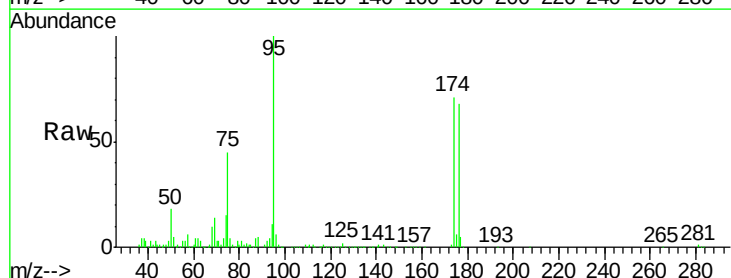
Tgt Ion: 95 Resp: 109929

Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.2

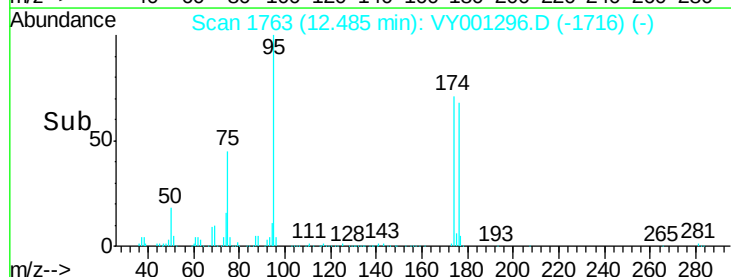
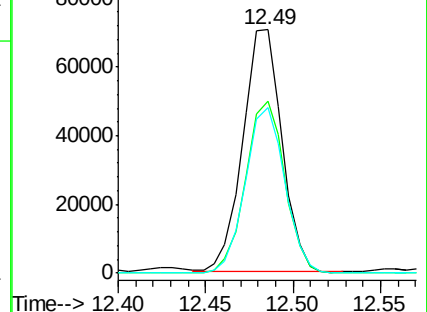
176 68.7 0.0 136.0

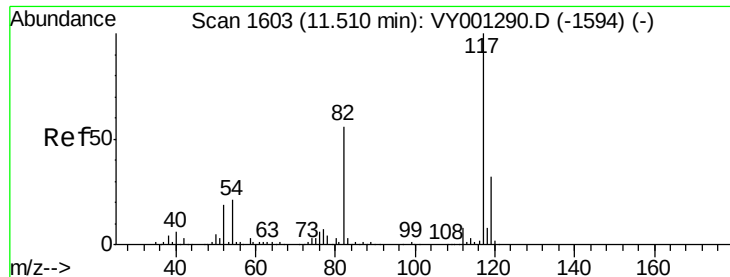


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

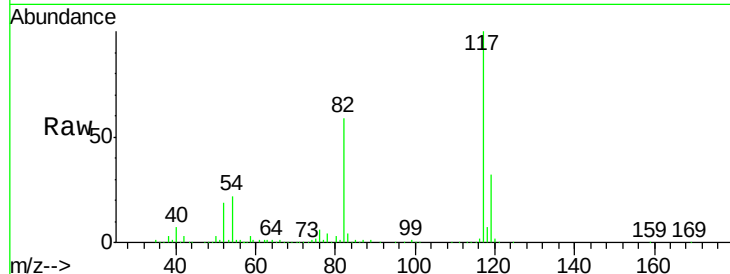




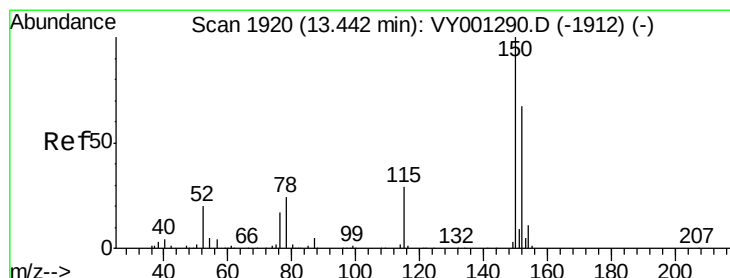
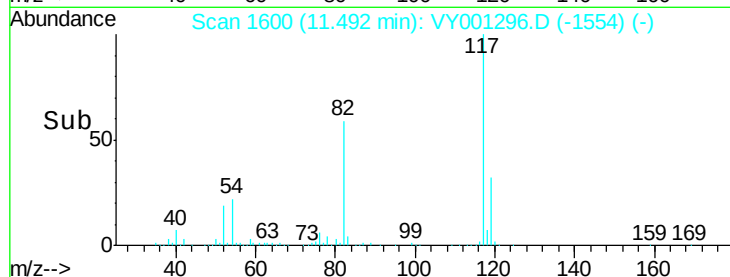
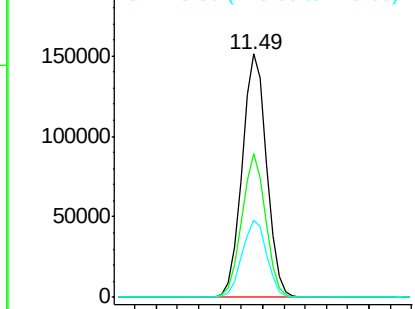
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.02 min
Lab File: VY001296.D
Acq: 20 Jan 2020 15:26

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE

Tot Ion:117 Resp: 243337
Ion Ratio Lower Upper
117 100
82 58.8 44.9 67.3
119 31.9 25.7 38.5

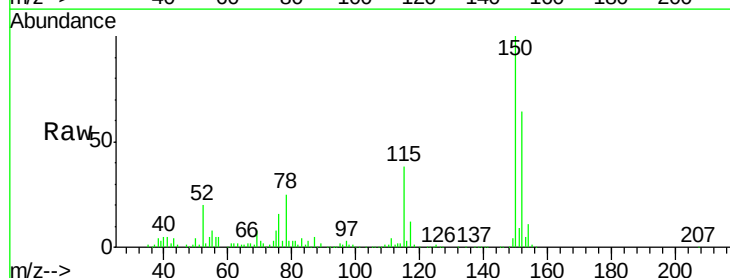


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001296.D
Acq: 20 Jan 2020 15:26

Tgt Ion:152 Resp: 91115
Ion Ratio Lower Upper
152 100
115 61.4 30.9 92.5
150 157.0 0.0 346.8



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

