

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002282.D
 Acq On : 13 Apr 2020 16:02
 Operator : SY/MD
 Sample : L2215-10
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-7FT

Quant Time: Apr 14 06:26:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	147987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	302130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	124774	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89694	54.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.00%	
35) Dibromofluoromethane	7.74	113	89581	49.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.66%	
50) Toluene-d8	10.19	98	366534	48.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.49	95	126173	50.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.64%	

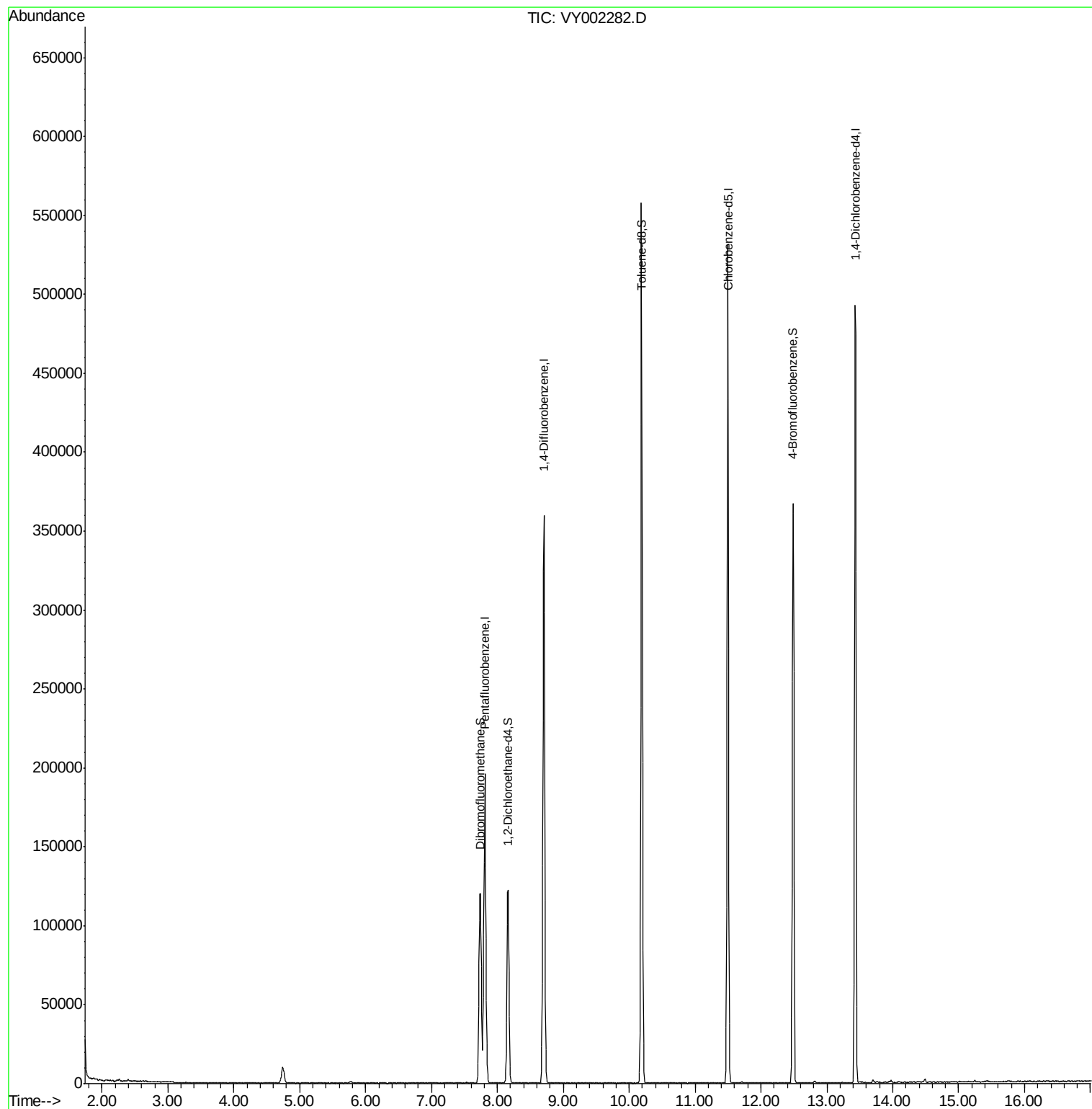
Target Compounds	Qvalue
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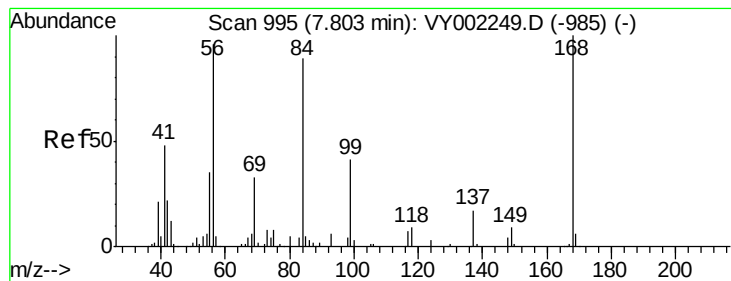
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002282.D

Acq: 13 Apr 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

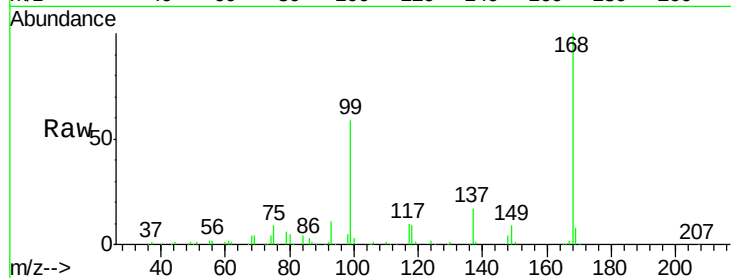
TP-6-7FT

Tot Ion:168 Resp: 147987

Ion Ratio Lower Upper

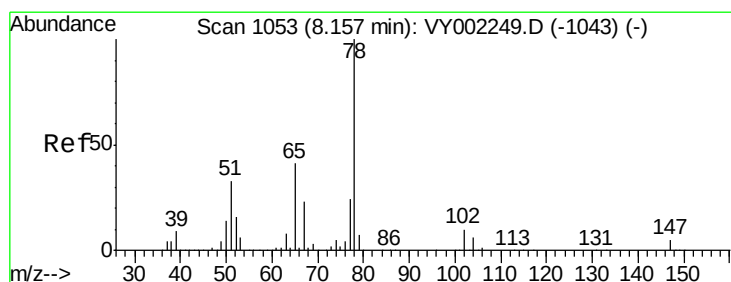
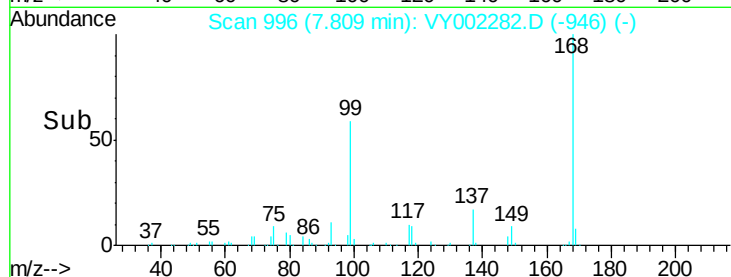
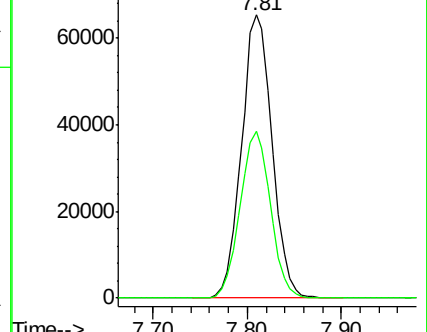
168 100

99 59.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002282.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002282.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.501 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002282.D

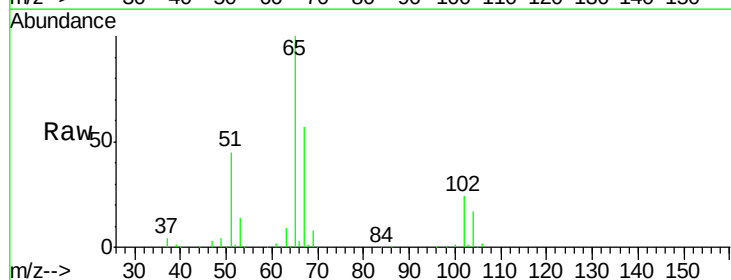
Acq: 13 Apr 2020 16:02

Tgt Ion: 65 Resp: 89694

Ion Ratio Lower Upper

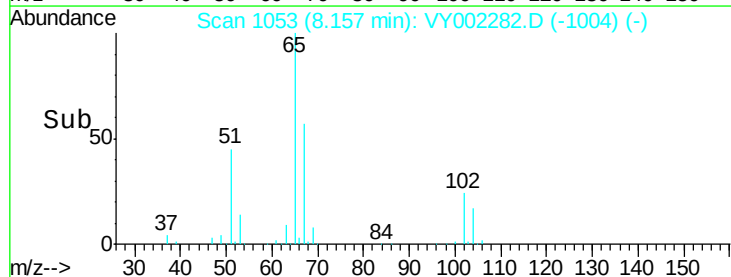
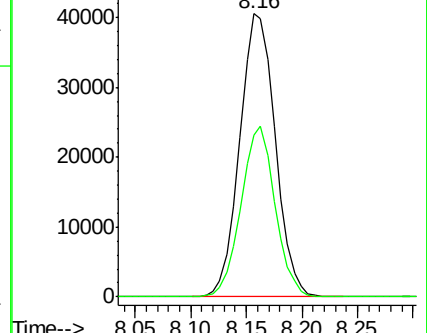
65 100

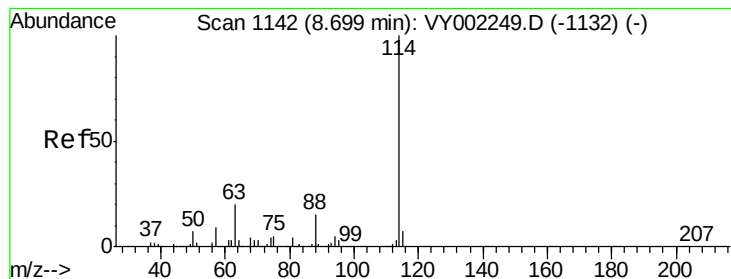
67 57.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002282.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY002282.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002282.D

Acq: 13 Apr 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-7FT

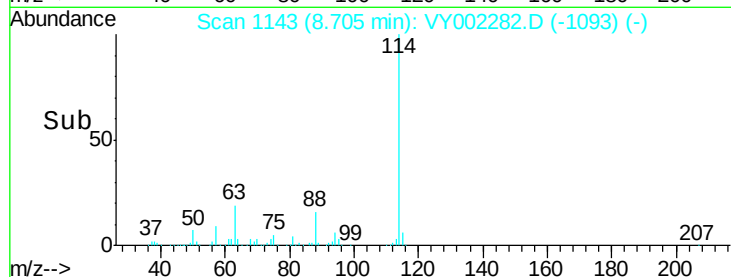
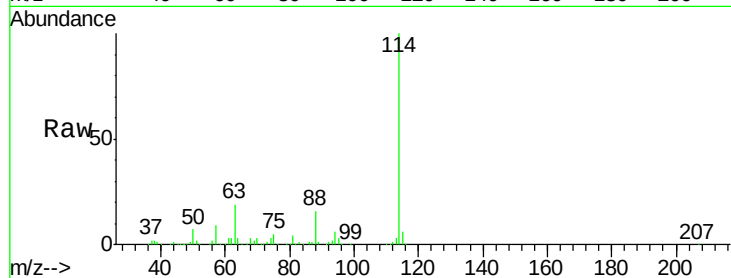
Tot Ion:114 Resp: 302130

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

88 15.9 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

200000

150000

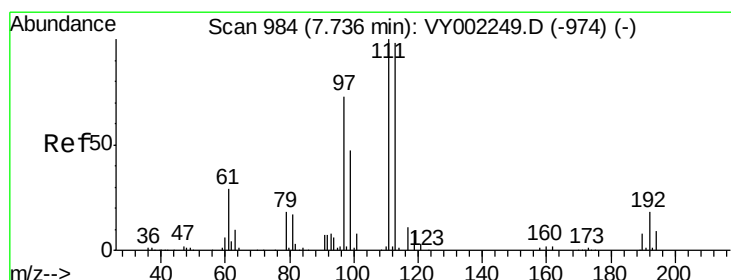
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 49.829 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002282.D

Acq: 13 Apr 2020 16:02

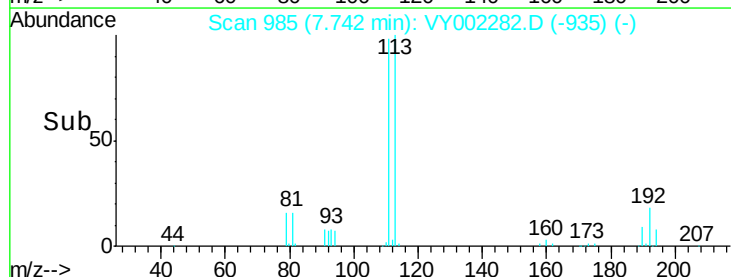
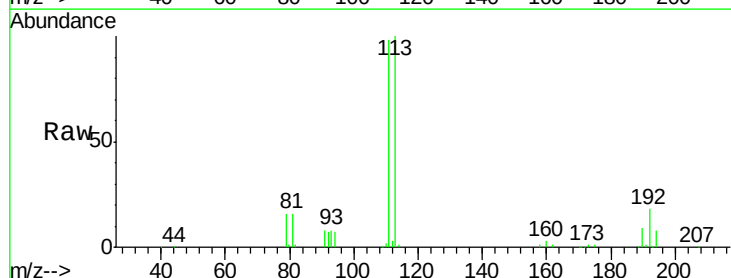
Tgt Ion:113 Resp: 89581

Ion Ratio Lower Upper

113 100

111 102.7 83.5 125.3

192 17.6 14.7 22.1



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

50000

40000

30000

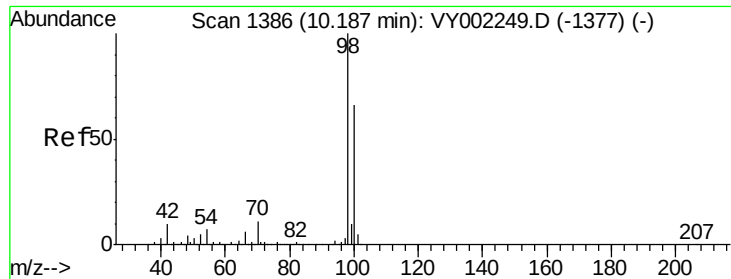
20000

10000

0

7.60 7.70 7.80 7.90

Time-->



#50

Toluene-d8

Concen: 48.711 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002282.D

Acq: 13 Apr 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

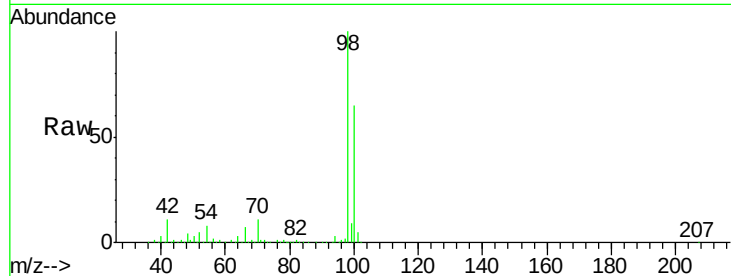
TP-6-7FT

Tot Ion: 98 Resp: 366534

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

250000

200000

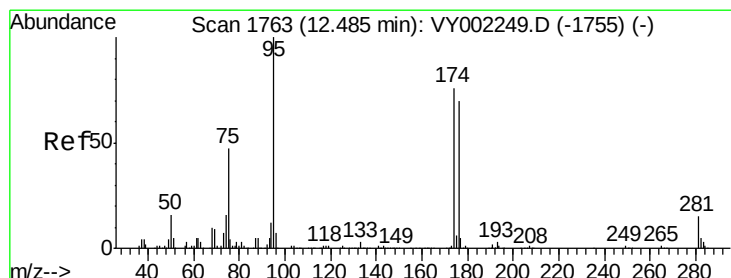
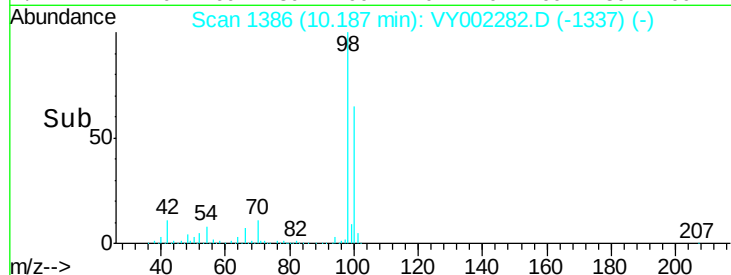
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.825 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002282.D

Acq: 13 Apr 2020 16:02

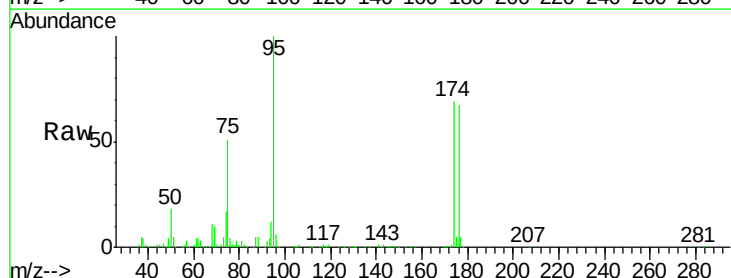
Tgt Ion: 95 Resp: 126173

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.6

176 70.9 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.49

100000

80000

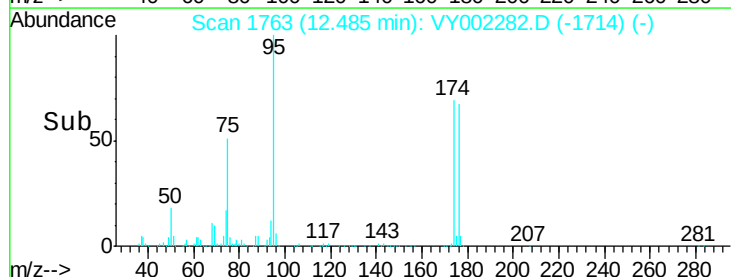
60000

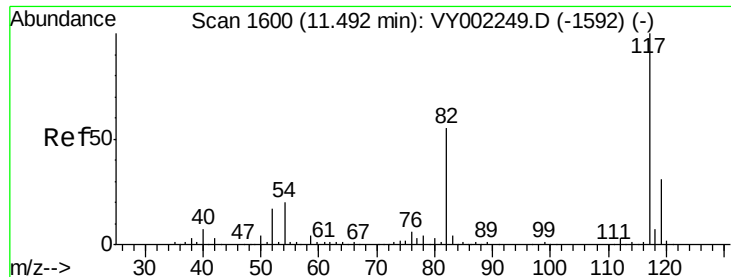
40000

20000

0

Time-->

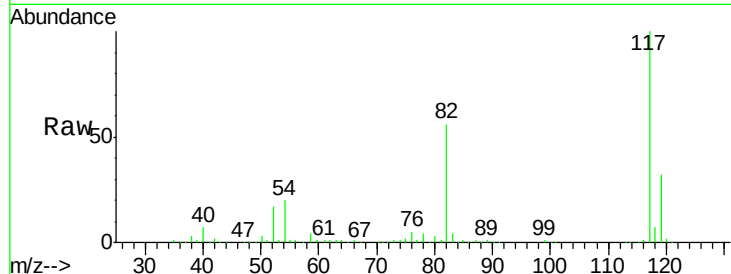




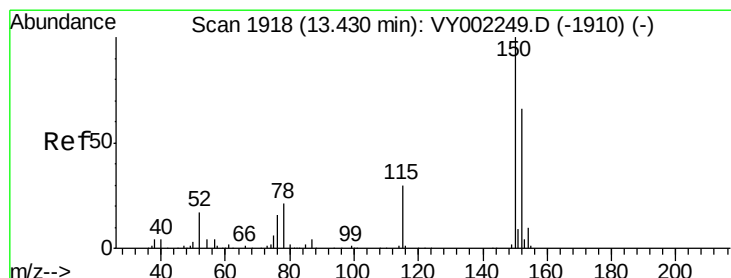
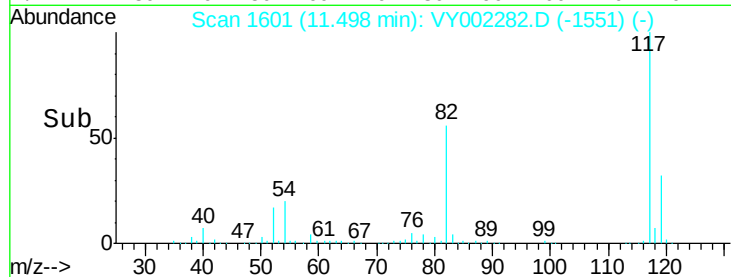
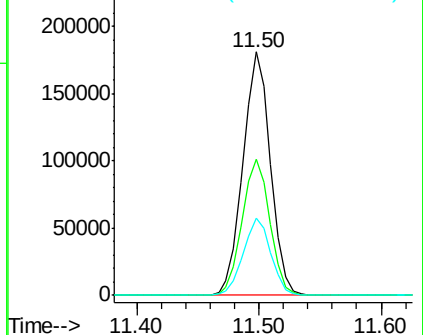
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002282.D
Acq: 13 Apr 2020 16:02

Instrument :
MSVOA_Y
ClientSampled :
TP-6-7FT

Tot Ion:117 Resp: 281504
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 31.7 25.1 37.7

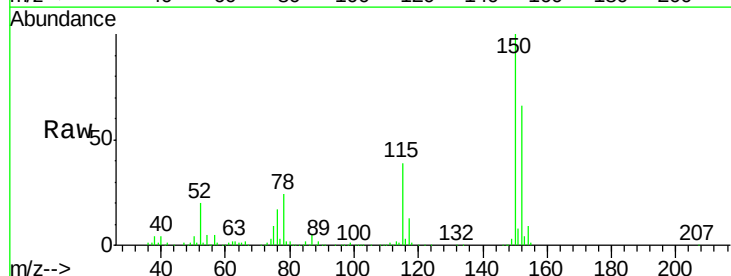


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002282.D
Acq: 13 Apr 2020 16:02

Tgt Ion:152 Resp: 124774
Ion Ratio Lower Upper
152 100
115 61.4 30.7 92.1
150 155.8 0.0 350.6



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

