

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002596.D
 Acq On : 05 May 2020 18:50
 Operator : SY/MD
 Sample : L2483-16
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-8

Quant Time: May 06 07:55:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	210848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	324904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	107964	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	89449	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	
35) Dibromofluoromethane	7.74	113	95296	51.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.58%	
50) Toluene-d8	10.19	98	375818	51.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	105231	42.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.48%	

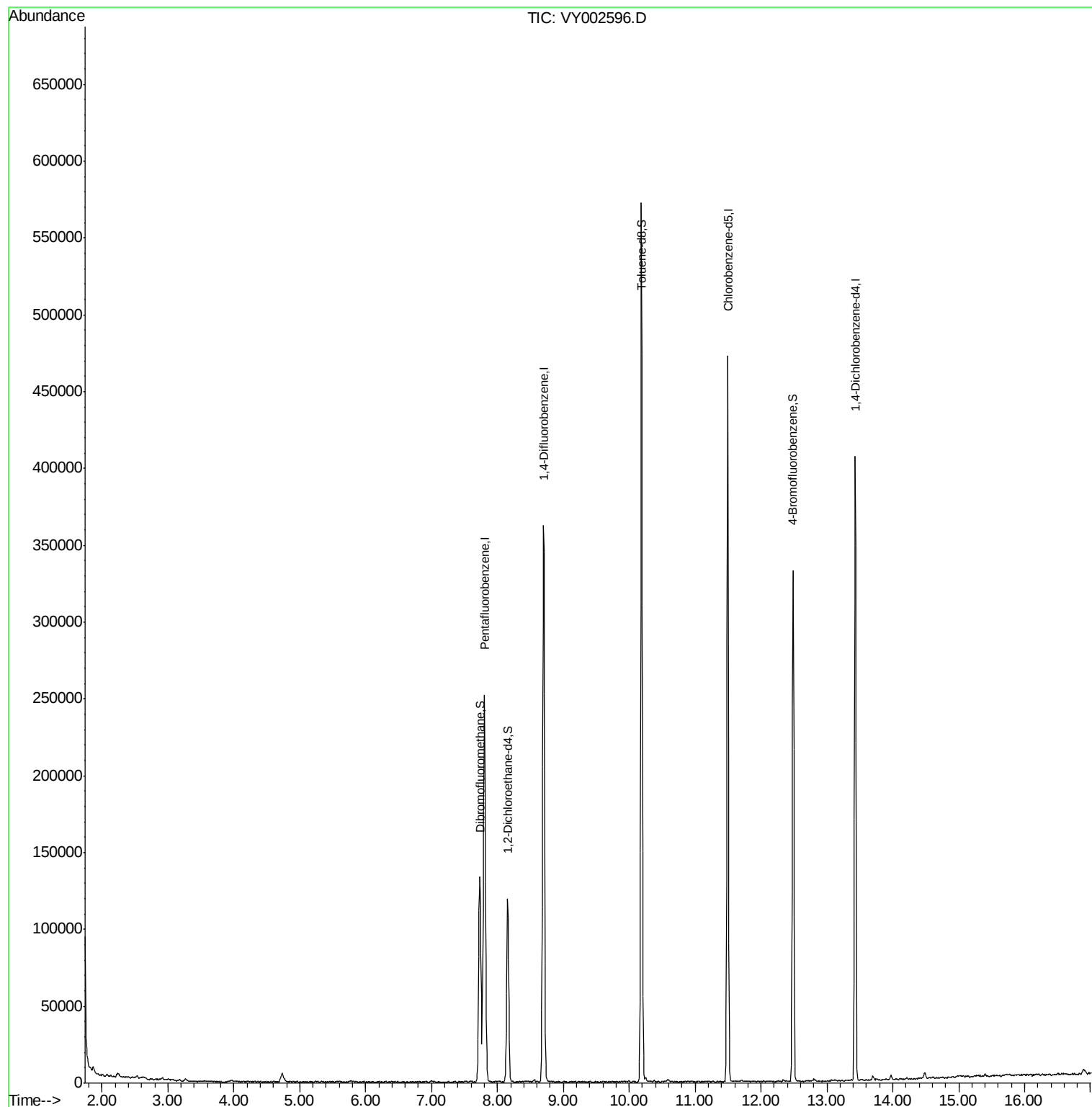
Target Compounds	Qvalue

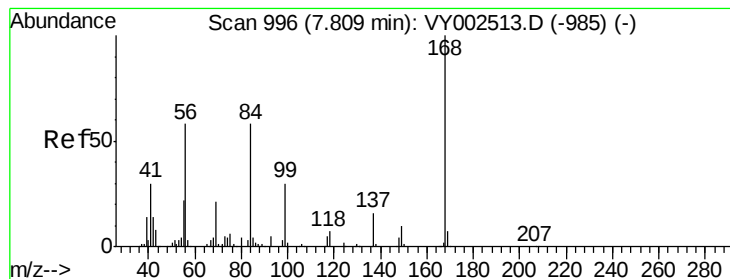
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

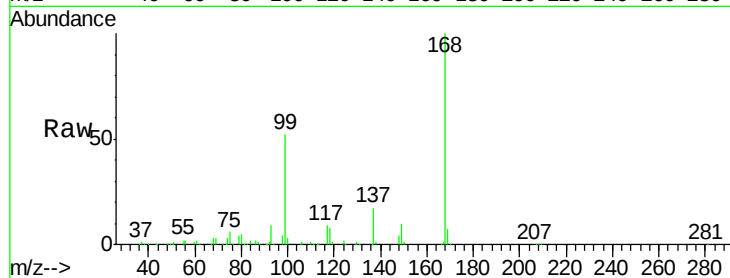
6FT-TP-8

Tot Ion:168 Resp: 210848

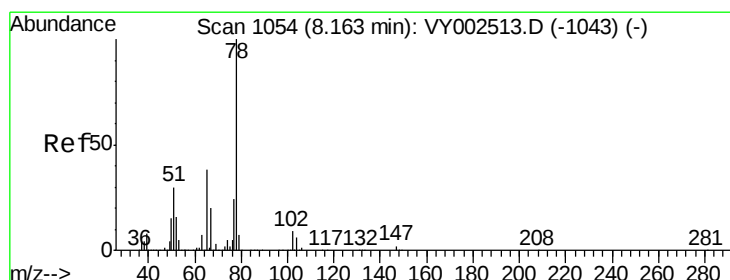
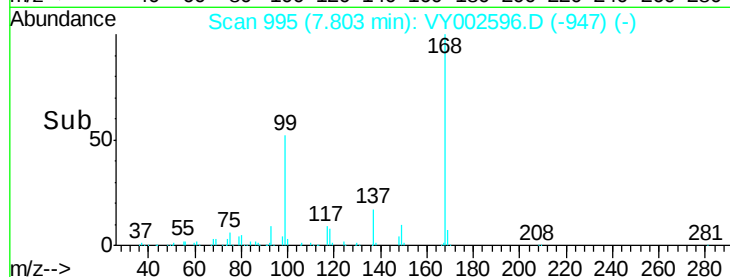
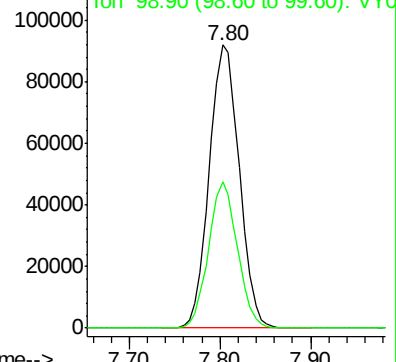
Ion Ratio Lower Upper

168 100

99 51.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.455 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002596.D

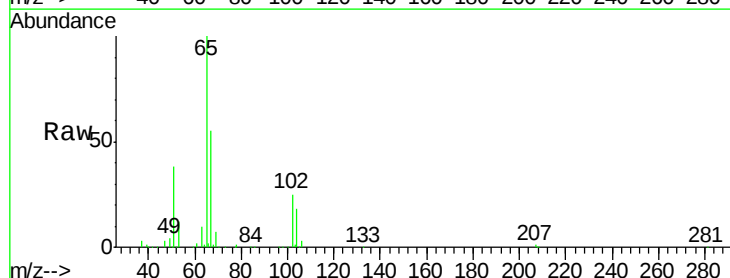
Acq: 05 May 2020 18:50

Tgt Ion: 65 Resp: 89449

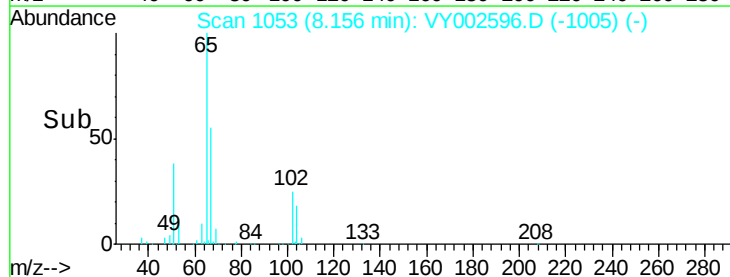
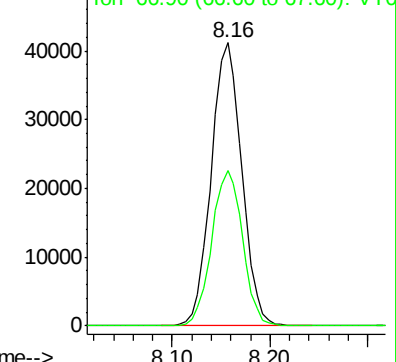
Ion Ratio Lower Upper

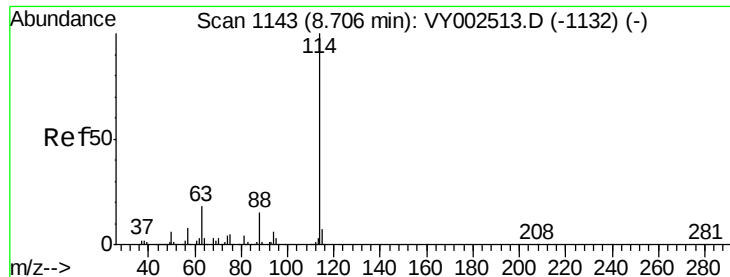
65 100

67 55.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-8

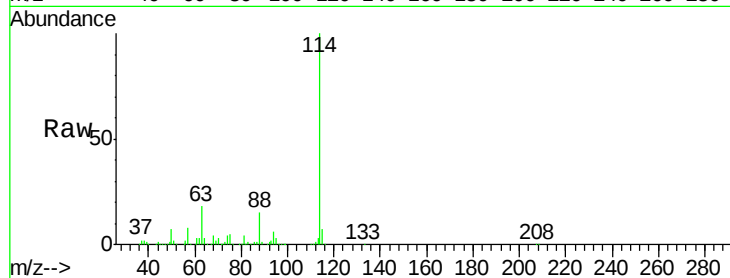
Tot Ion:114 Resp: 324904

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

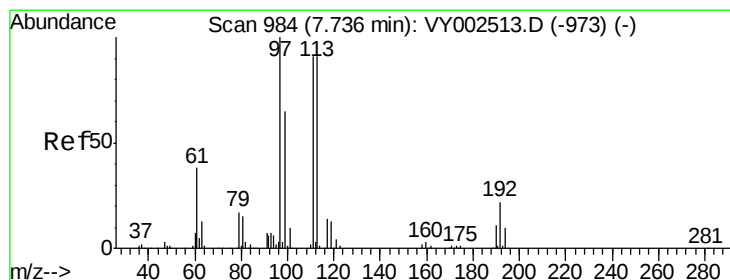
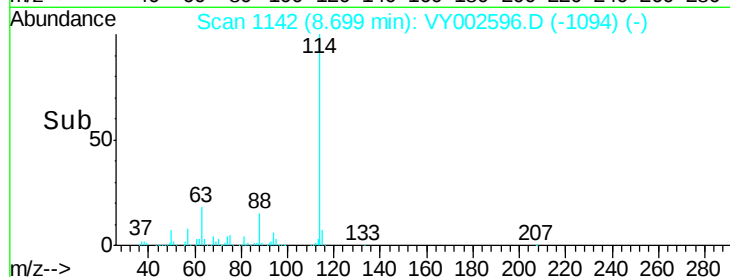
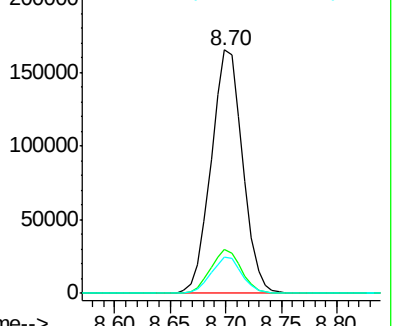
88 14.6 0.0 29.6



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: 51.286 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

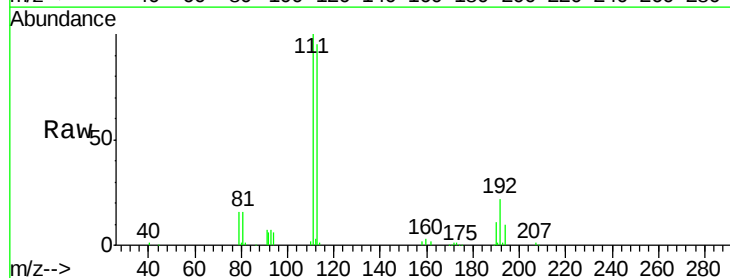
Tgt Ion:113 Resp: 95296

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

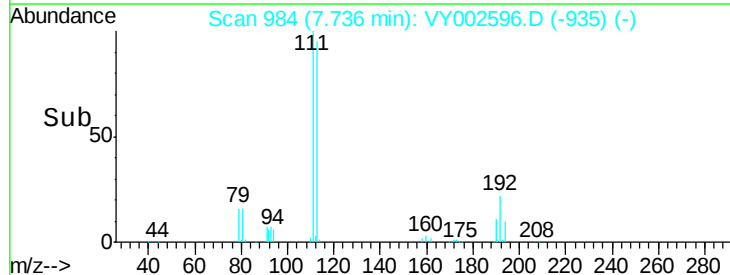
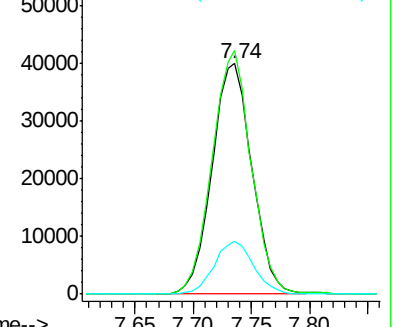
192 22.6 18.2 27.4

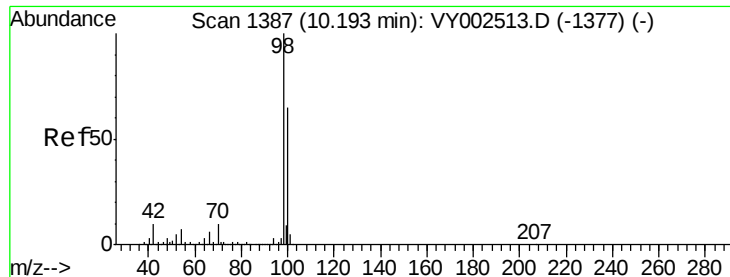


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.792 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

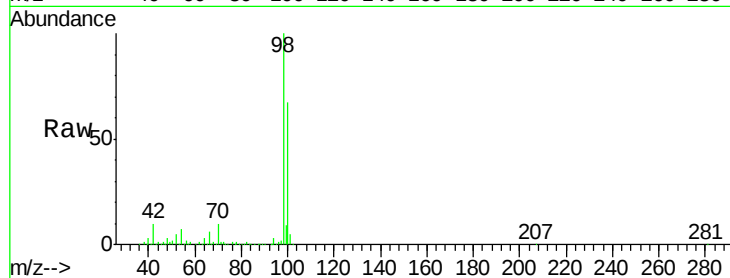
6FT-TP-8

Tot Ion: 98 Resp: 375818

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

250000

200000

150000

100000

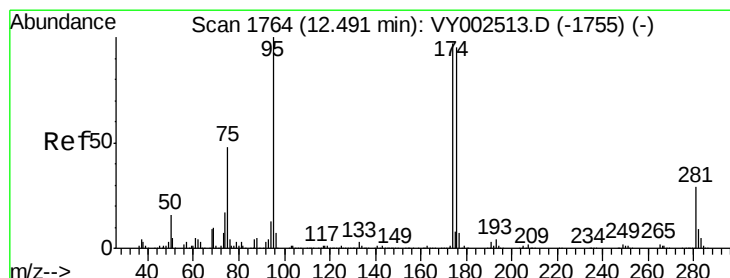
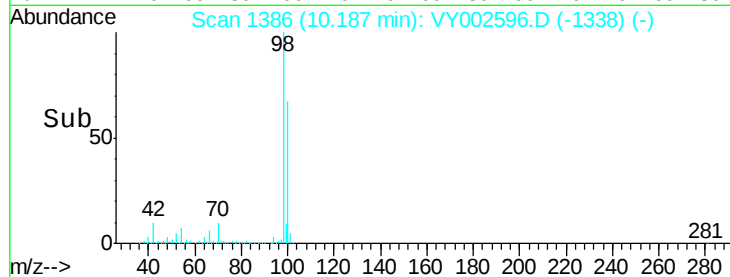
50000

0

Time-->

10.10

10.20



#62

4-Bromofluorobenzene

Concen: 42.738 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

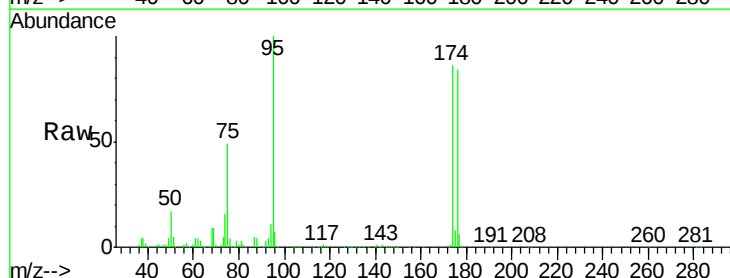
Tgt Ion: 95 Resp: 105231

Ion Ratio Lower Upper

95 100

174 90.9 0.0 188.8

176 89.2 0.0 183.2



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

12.48

80000

60000

40000

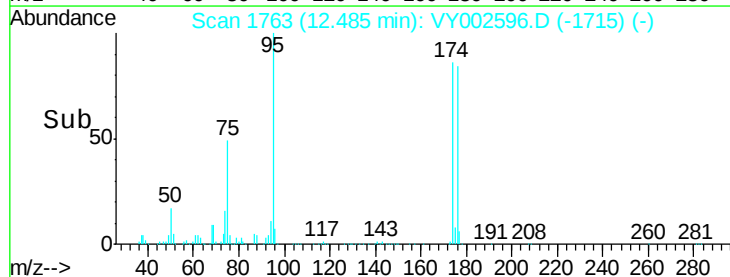
20000

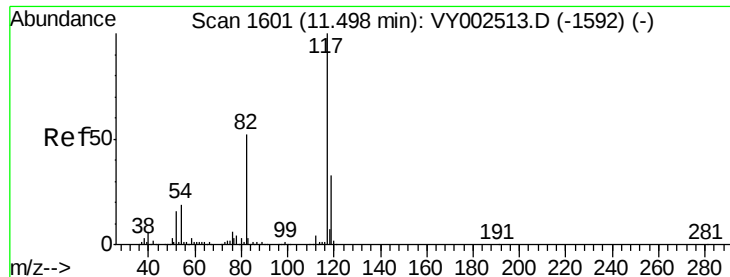
0

Time-->

12.40

12.50

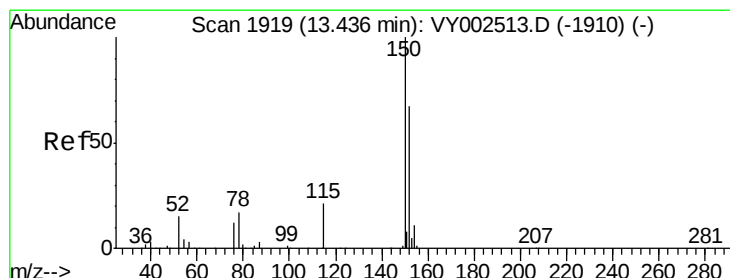
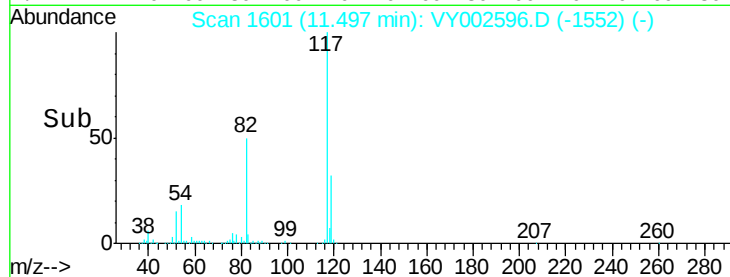
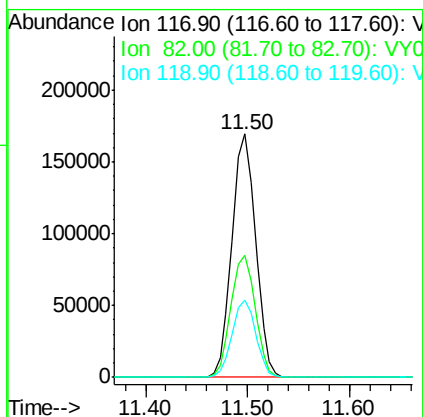
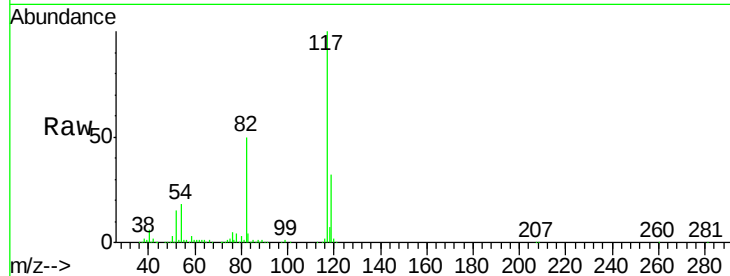




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002596.D
Acq: 05 May 2020 18:50

Instrument :
MSVOA_Y
ClientSampled :
6FT-TP-8

Tot Ion:117 Resp: 271547
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002596.D
Acq: 05 May 2020 18:50

Tgt Ion:152 Resp: 107964
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 156.1 0.0 346.4

