

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002529.D
 Acq On : 04 May 2020 10:40
 Operator : SY/MD
 Sample : VY0504SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL01

Quant Time: May 04 14:44:41 2020
 Quant Method : Z:\V0ASRV\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	407414	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	610483	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	550686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	287810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	178315	52.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	7.72	113	180397	51.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.18	98	693122	50.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.49	95	238685	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	

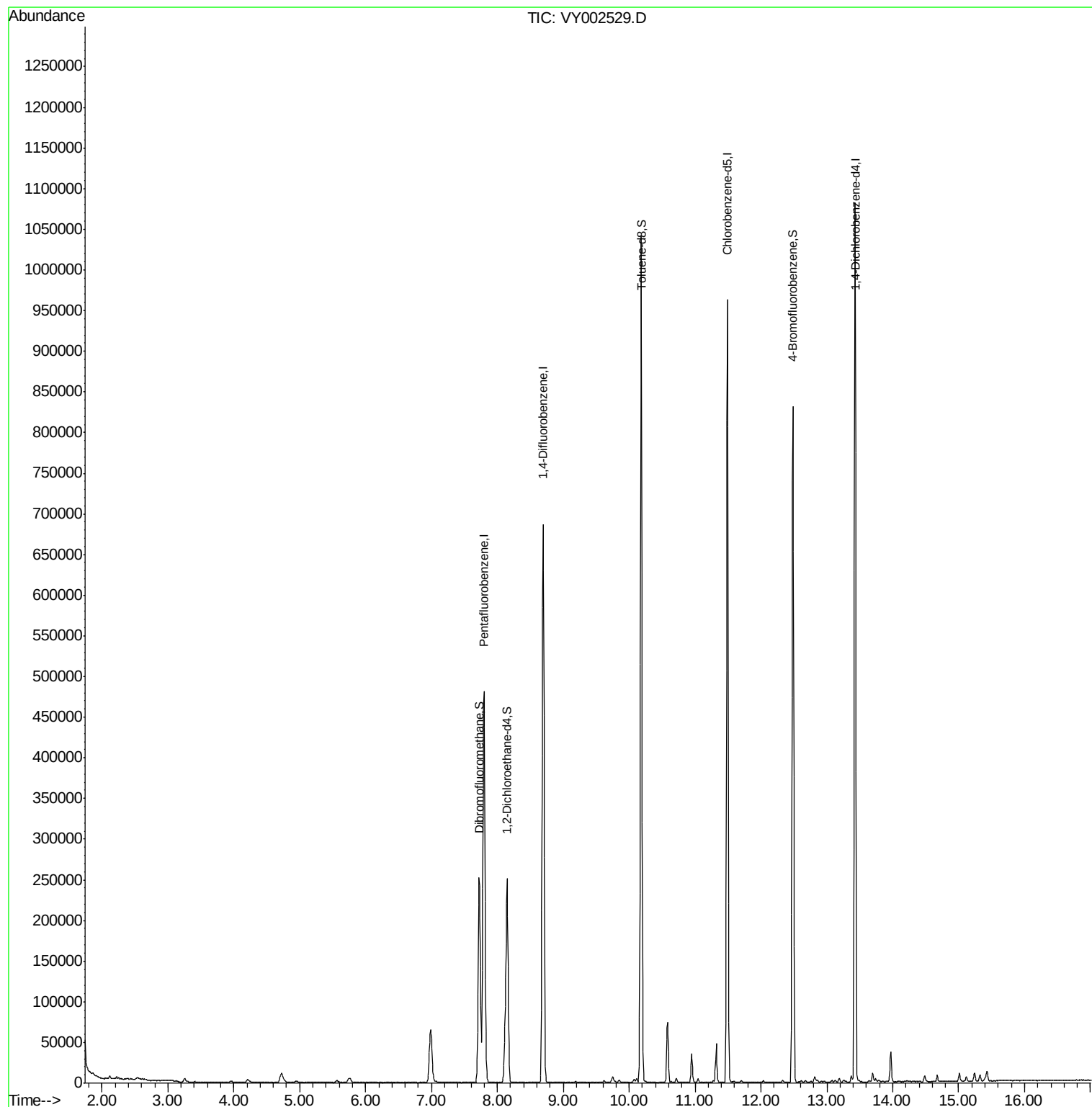
Target Compounds	Qvalue

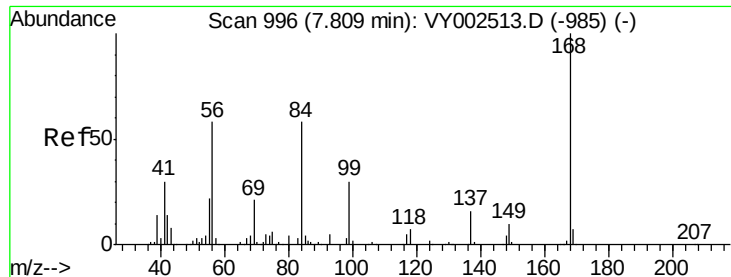
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002529.D

Acq: 04 May 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

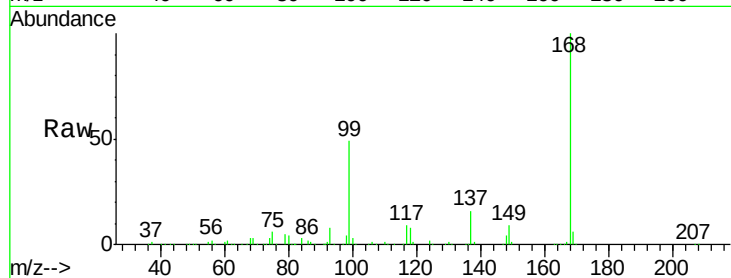
VY0504SBL01

Tot Ion:168 Resp: 407414

Ion Ratio Lower Upper

168 100

99 48.9 39.2 58.8



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

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

100000

50000

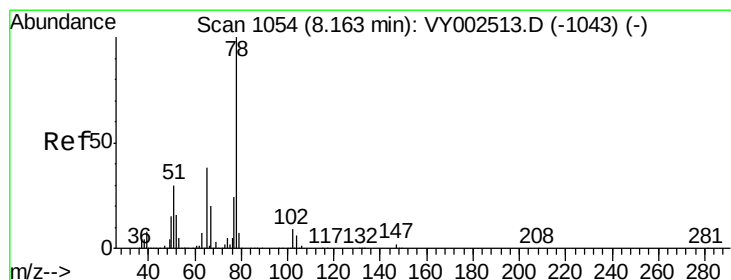
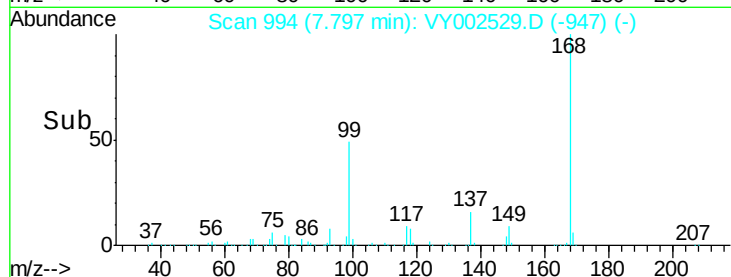
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 52.054 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002529.D

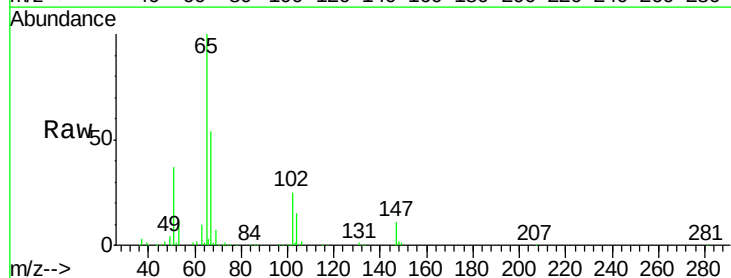
Acq: 04 May 2020 10:40

Tgt Ion: 65 Resp: 178315

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2



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

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.15

80000

60000

40000

20000

0

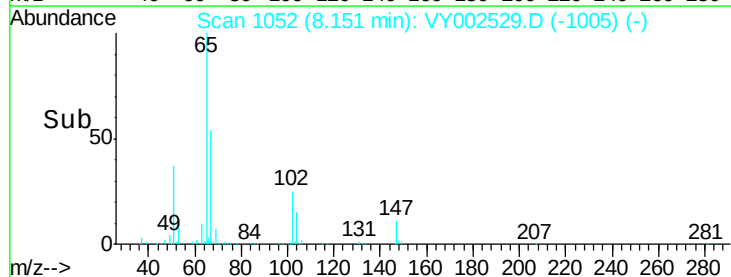
Time-->

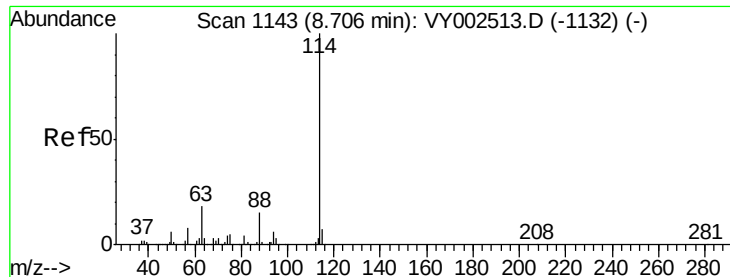
8.00

8.10

8.20

8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002529.D

Acq: 04 May 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBL01

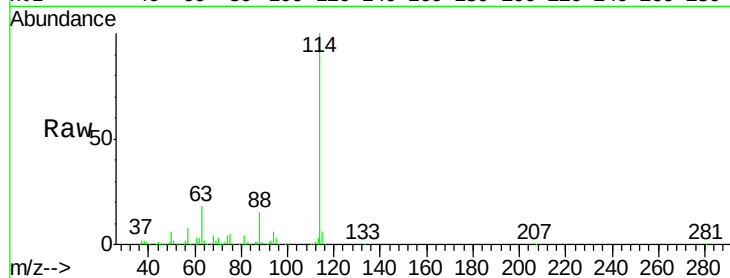
Tot Ion:114 Resp: 610483

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

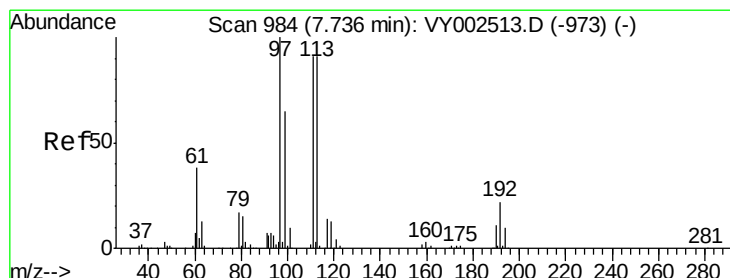
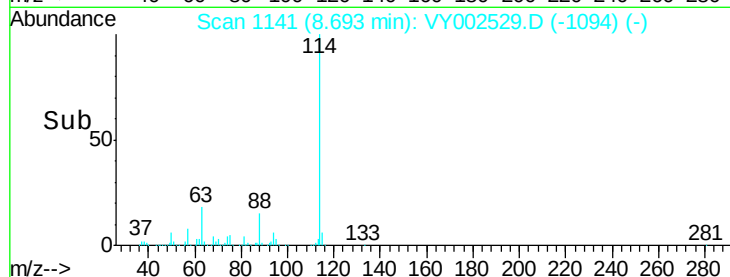
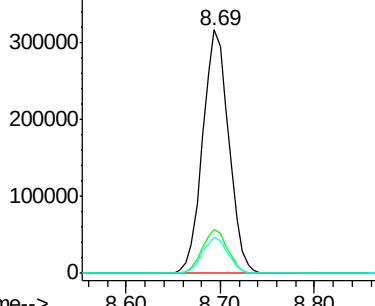
88 14.9 0.0 29.6



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: 51.669 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002529.D

Acq: 04 May 2020 10:40

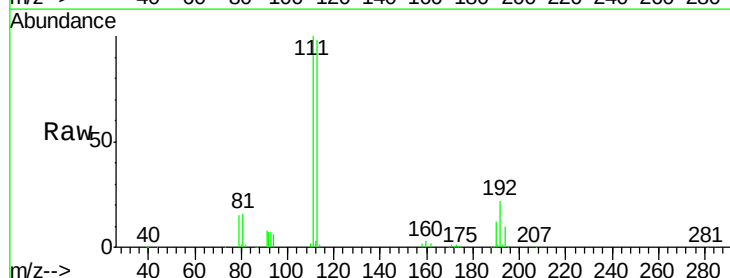
Tgt Ion:113 Resp: 180397

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

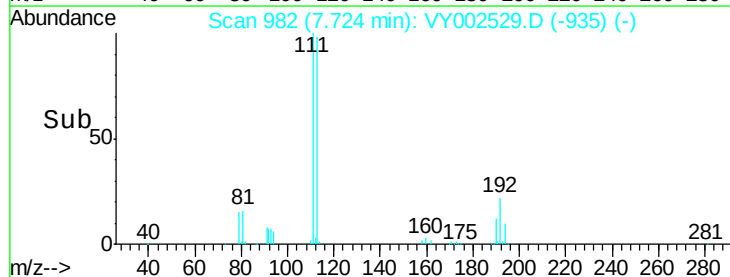
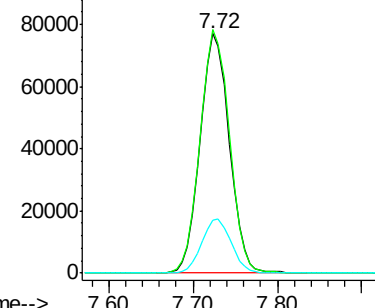
192 22.7 18.2 27.4

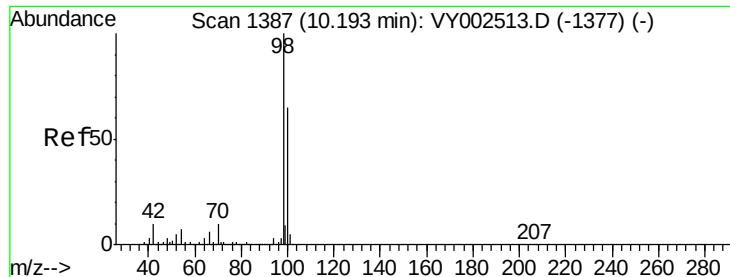


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.837 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002529.D

Acq: 04 May 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

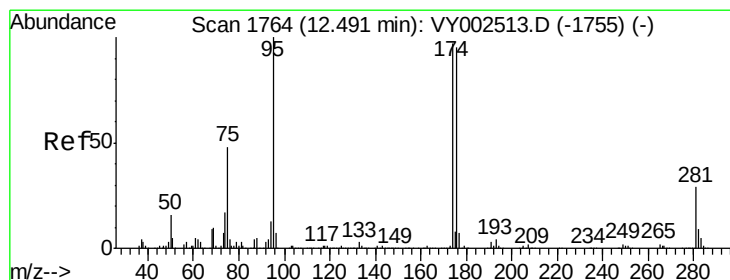
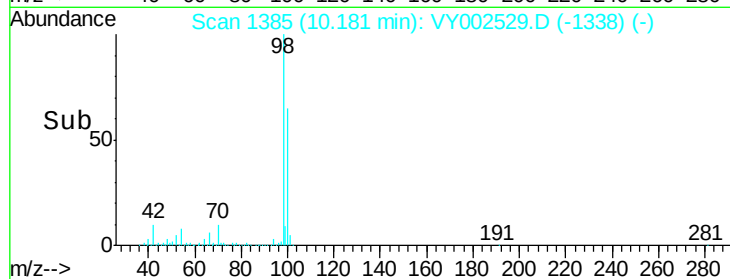
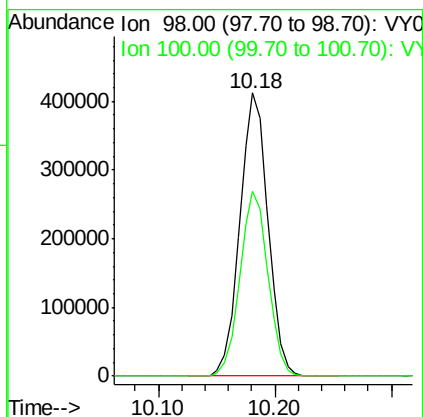
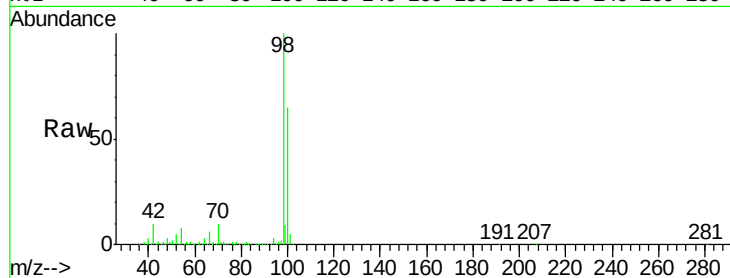
VY0504SBL01

Tot Ion: 98 Resp: 693122

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.591 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002529.D

Acq: 04 May 2020 10:40

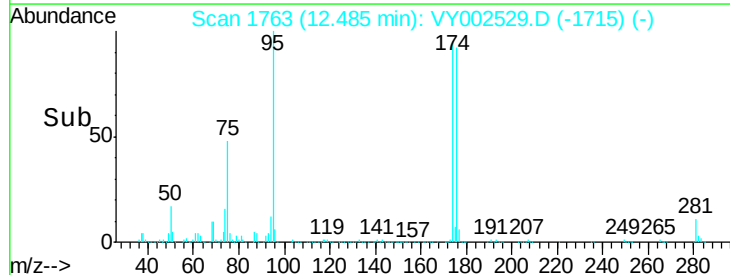
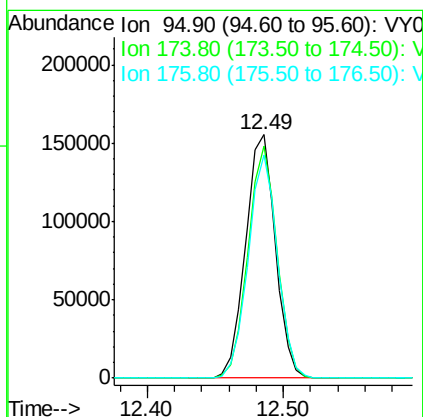
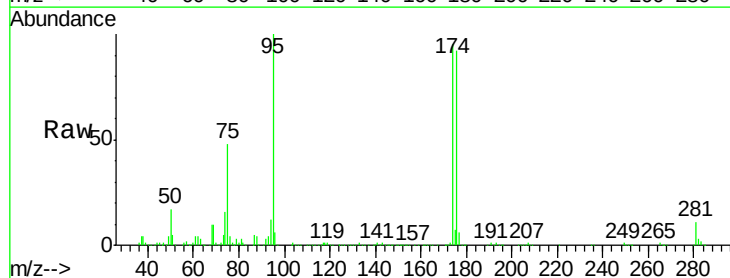
Tgt Ion: 95 Resp: 238685

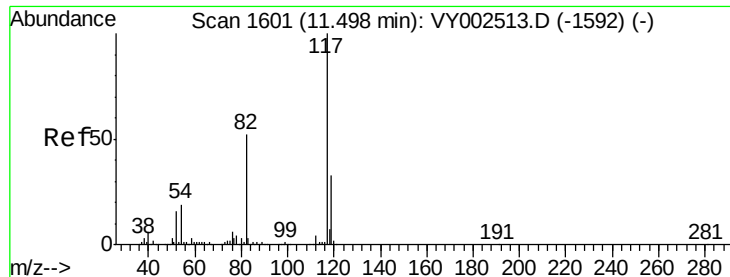
Ion Ratio Lower Upper

95 100

174 93.2 0.0 188.8

176 90.3 0.0 183.2

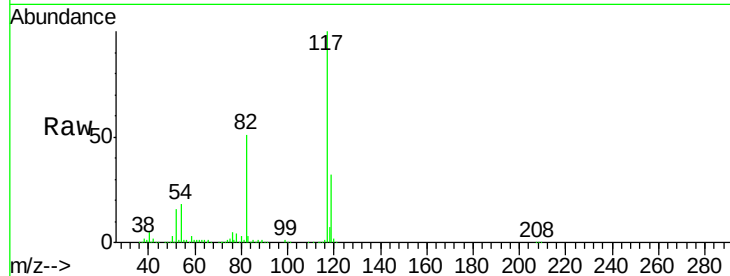




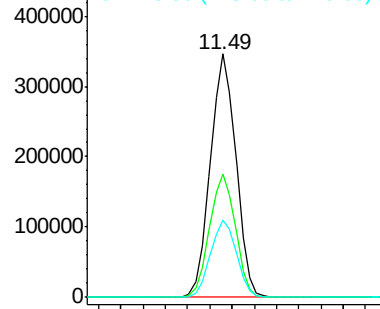
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002529.D
Acq: 04 May 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL01

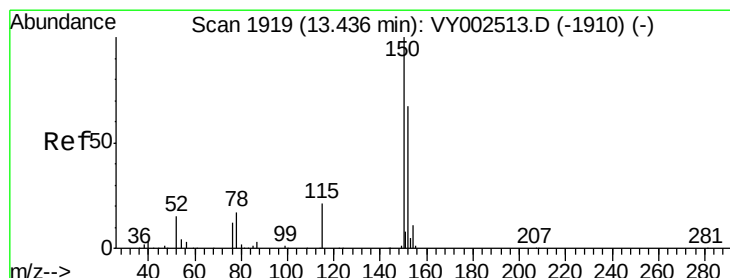
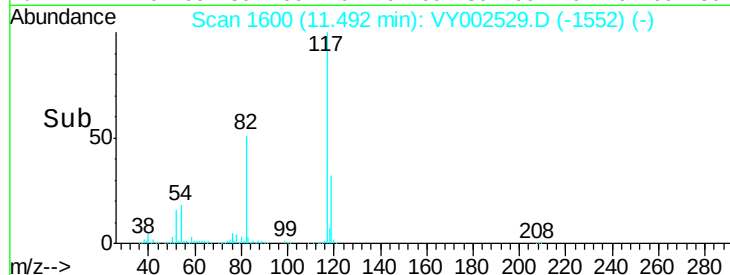
Tot Ion:117 Resp: 550686
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 31.6 26.0 39.0



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

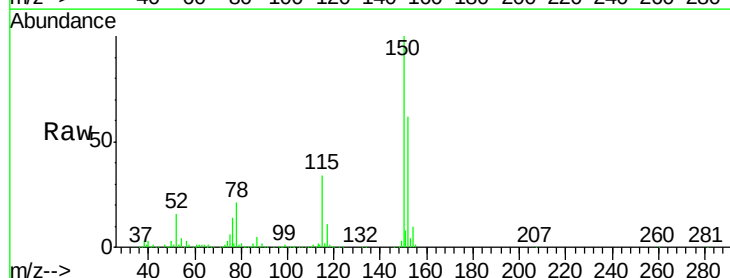


Time-->

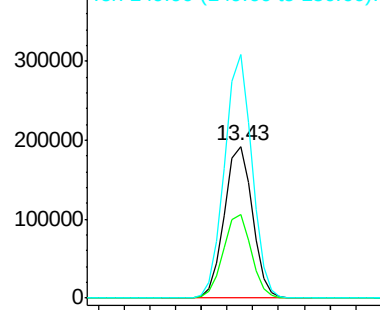


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002529.D
Acq: 04 May 2020 10:40

Tgt Ion:152 Resp: 287810
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 156.9 0.0 346.4



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



Time-->

