

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002603.D
 Acq On : 06 May 2020 10:25
 Operator : SY/MD
 Sample : VY0506SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

Quant Time: May 06 13:33:17 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	393274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	580719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	529729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	274849	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	168310	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	7.74	113	177354	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.19	98	689718	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.49	95	237171	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

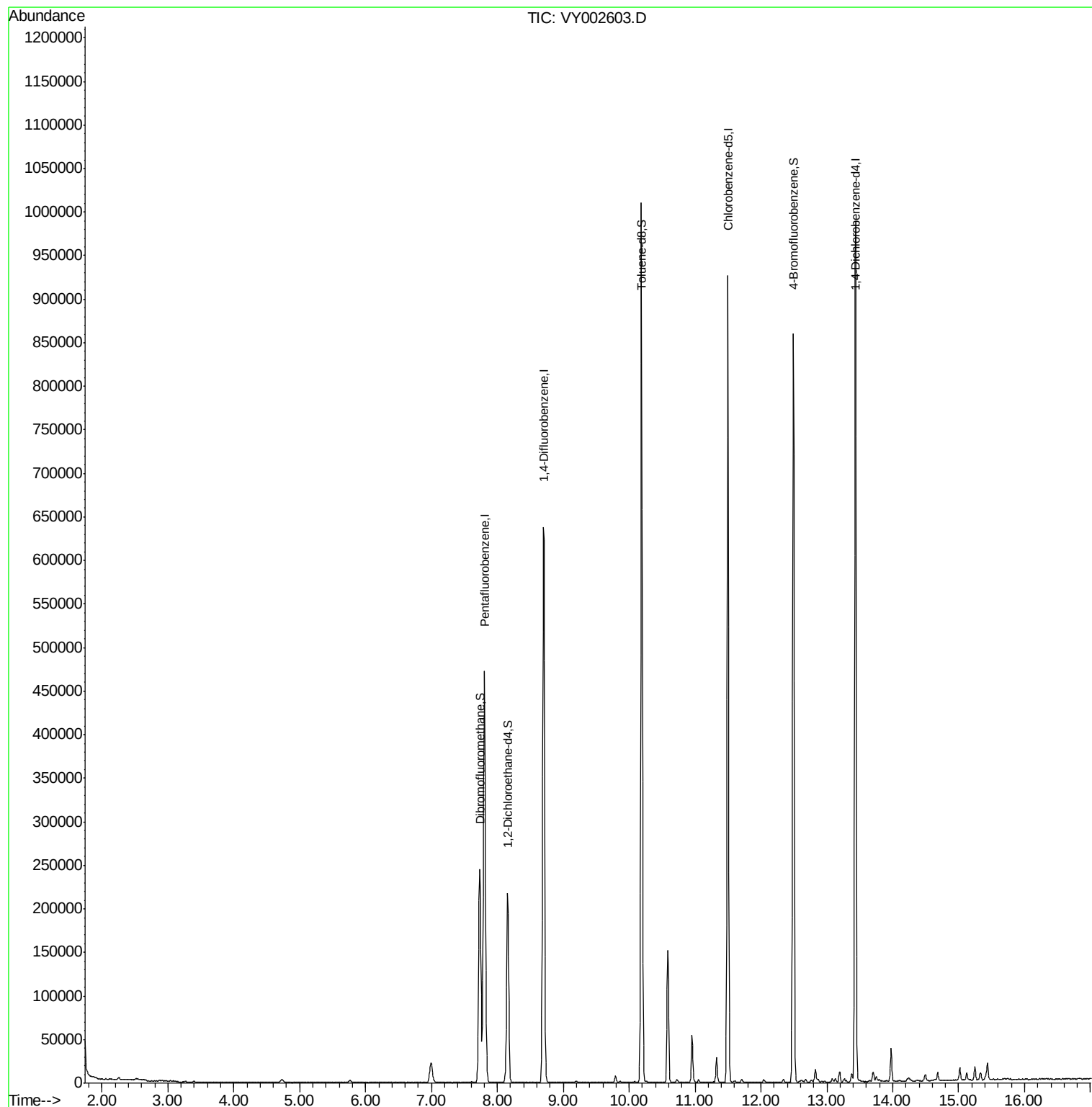
Target Compounds	Qvalue

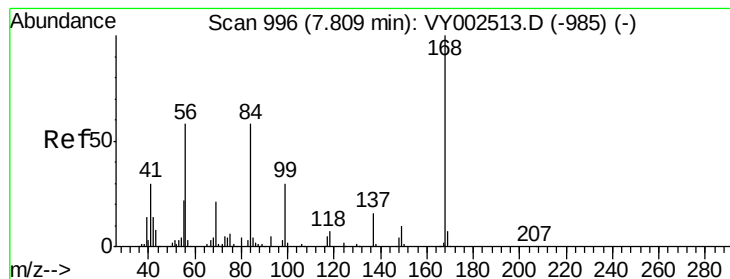
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002603.D

Acq: 06 May 2020 10:25

Instrument :

MSVOA_Y

ClientSampleId :

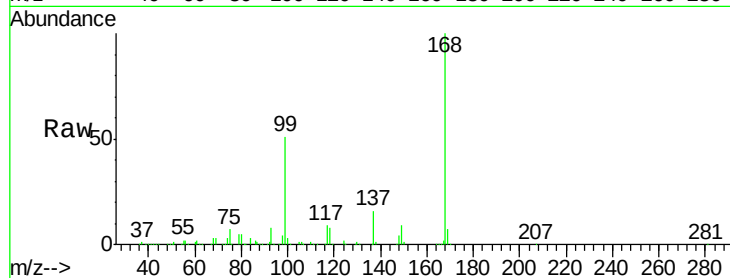
VY0506SBL01

Tot Ion:168 Resp: 393274

Ion Ratio Lower Upper

168 100

99 50.9 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

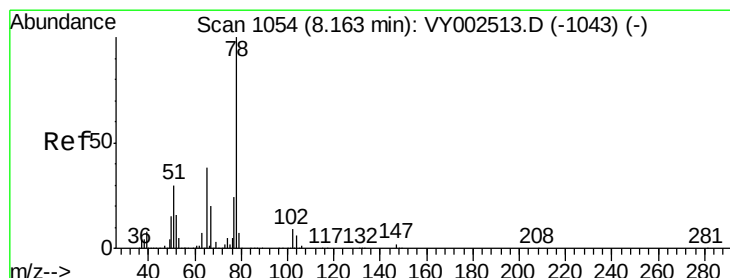
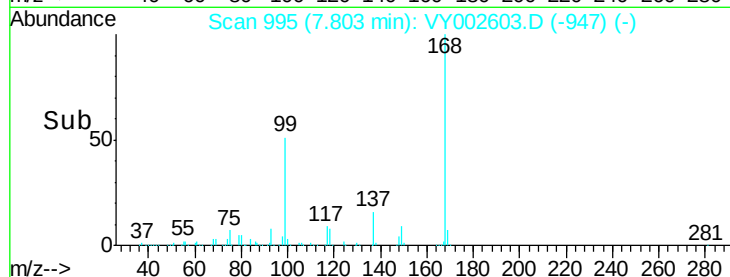
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.899 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002603.D

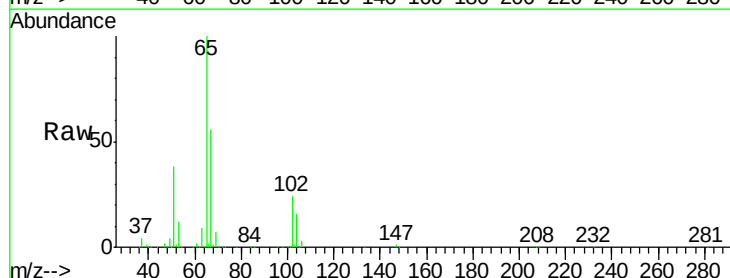
Acq: 06 May 2020 10:25

Tgt Ion: 65 Resp: 168310

Ion Ratio Lower Upper

65 100

67 54.5 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) (-)

8.16

80000

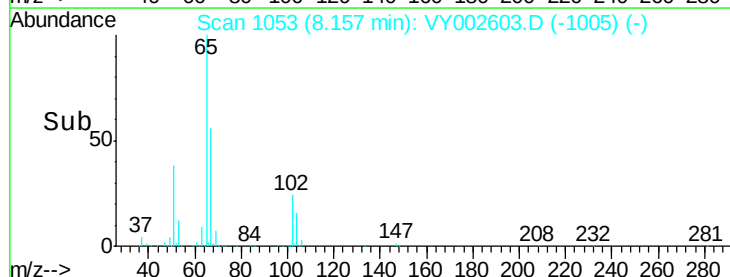
60000

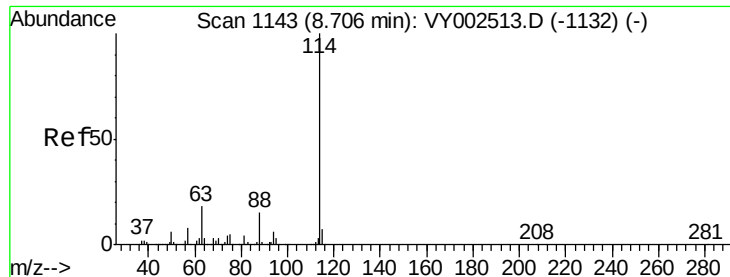
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002603.D

Acq: 06 May 2020 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBL01

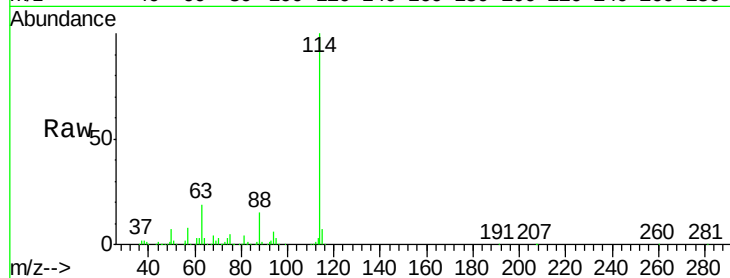
Tot Ion:114 Resp: 580719

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

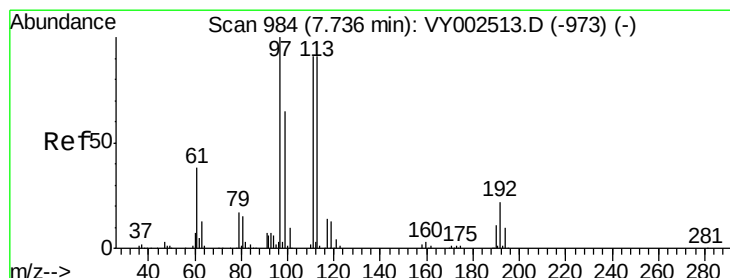
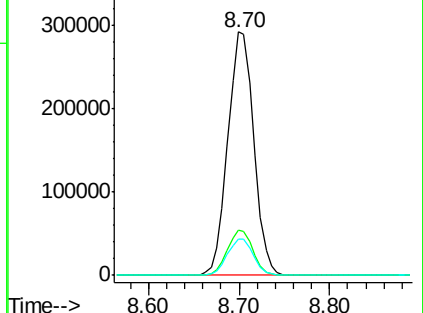
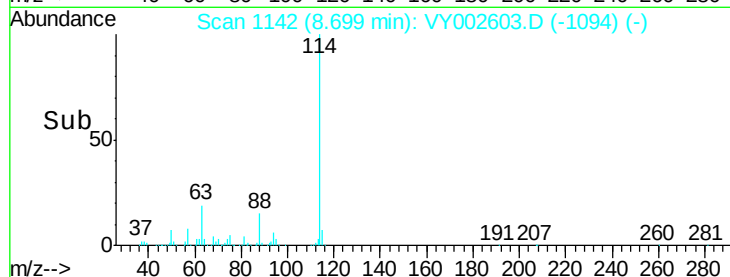
88 14.8 0.0 29.6



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: 53.401 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002603.D

Acq: 06 May 2020 10:25

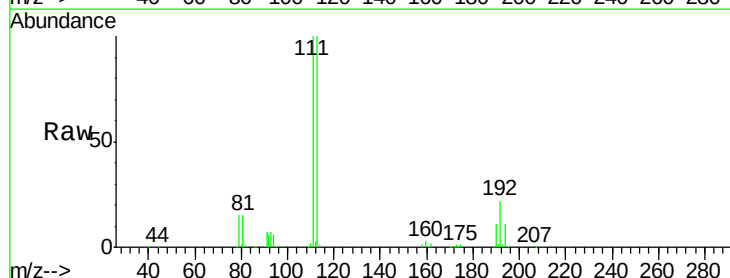
Tgt Ion:113 Resp: 177354

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

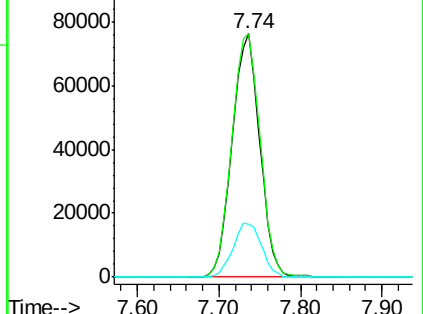
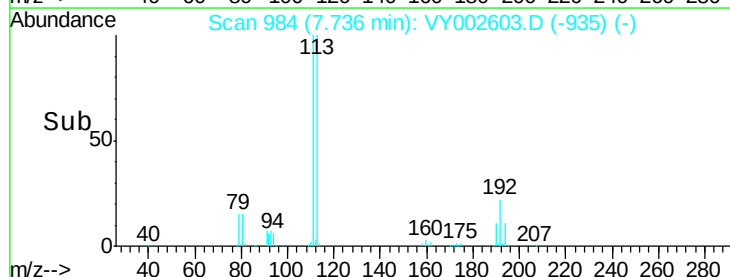
192 23.1 18.2 27.4

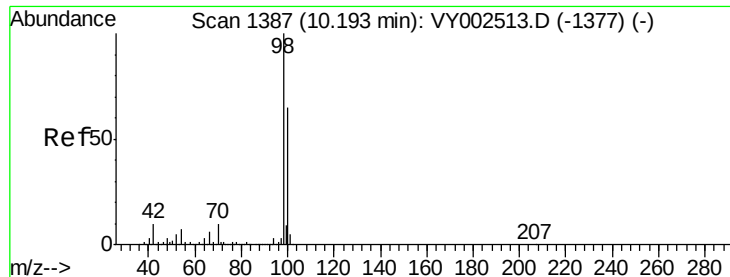


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.180 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002603.D

Acq: 06 May 2020 10:25

Instrument :

MSVOA_Y

ClientSampleId :

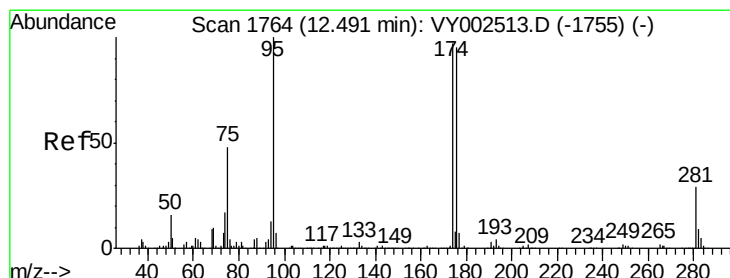
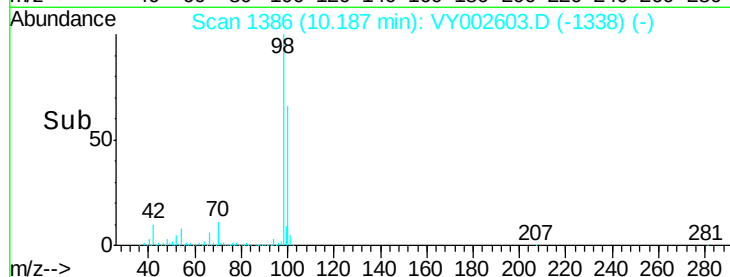
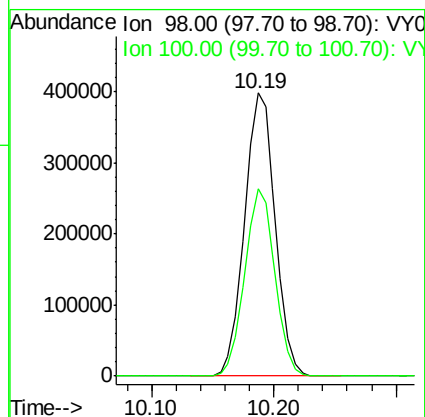
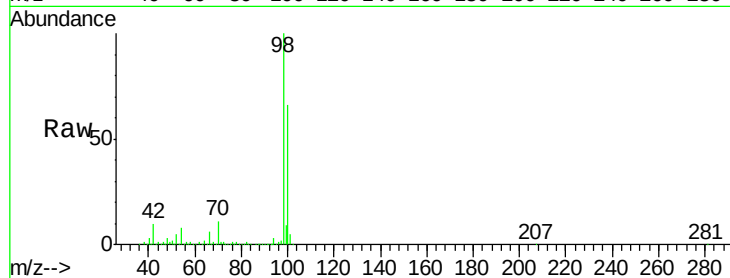
VY0506SBL01

Tot Ion: 98 Resp: 689718

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 53.892 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002603.D

Acq: 06 May 2020 10:25

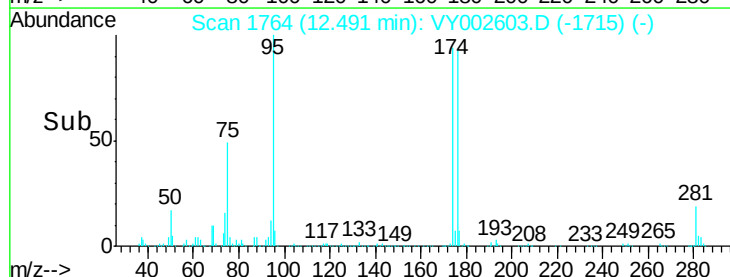
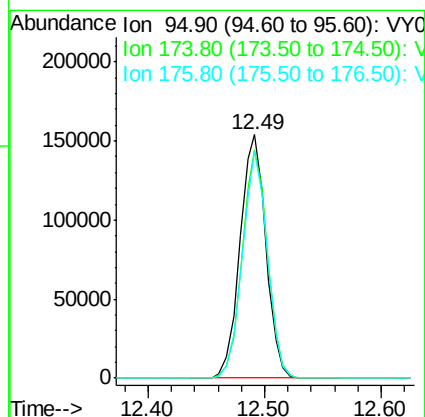
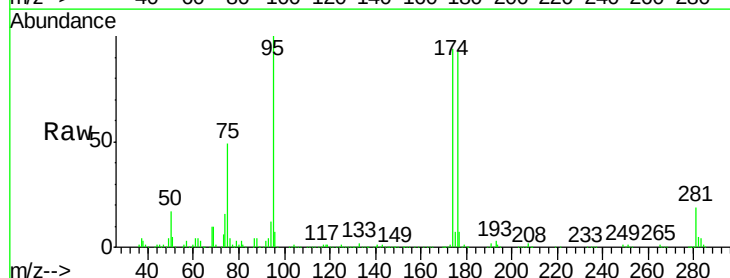
Tgt Ion: 95 Resp: 237171

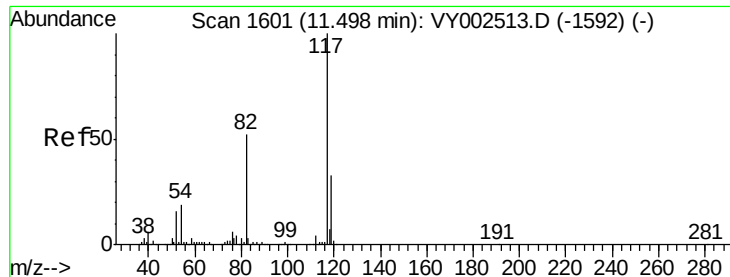
Ion Ratio Lower Upper

95 100

174 92.1 0.0 188.8

176 90.1 0.0 183.2

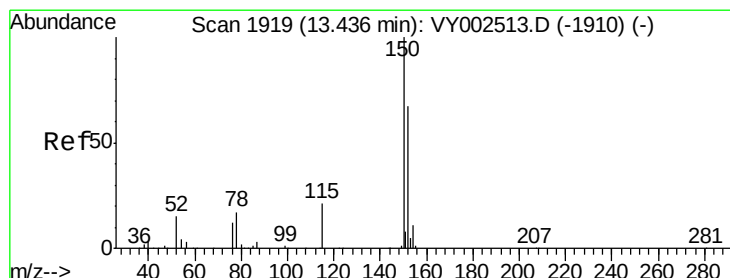
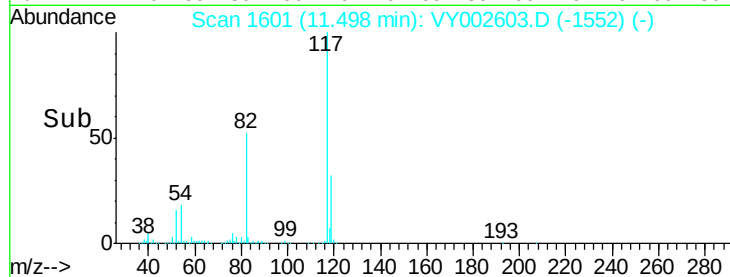
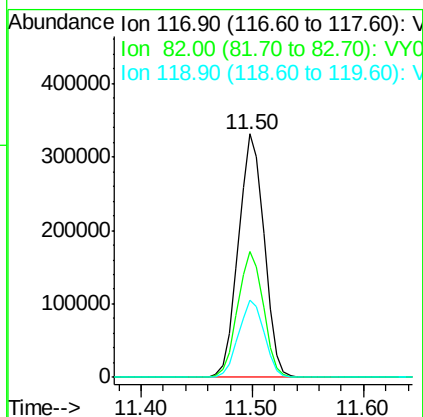
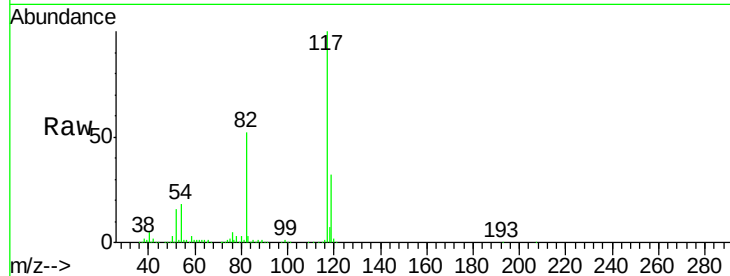




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002603.D
Acq: 06 May 2020 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tot Ion:117 Resp: 529729
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002603.D
Acq: 06 May 2020 10:25

Tgt Ion:152 Resp: 274849
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.4
150 156.6 0.0 346.4

