

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002542.D
 Acq On : 04 May 2020 15:40
 Operator : SY/MD
 Sample : L2443-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-678-680

Quant Time: May 05 08:09:56 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

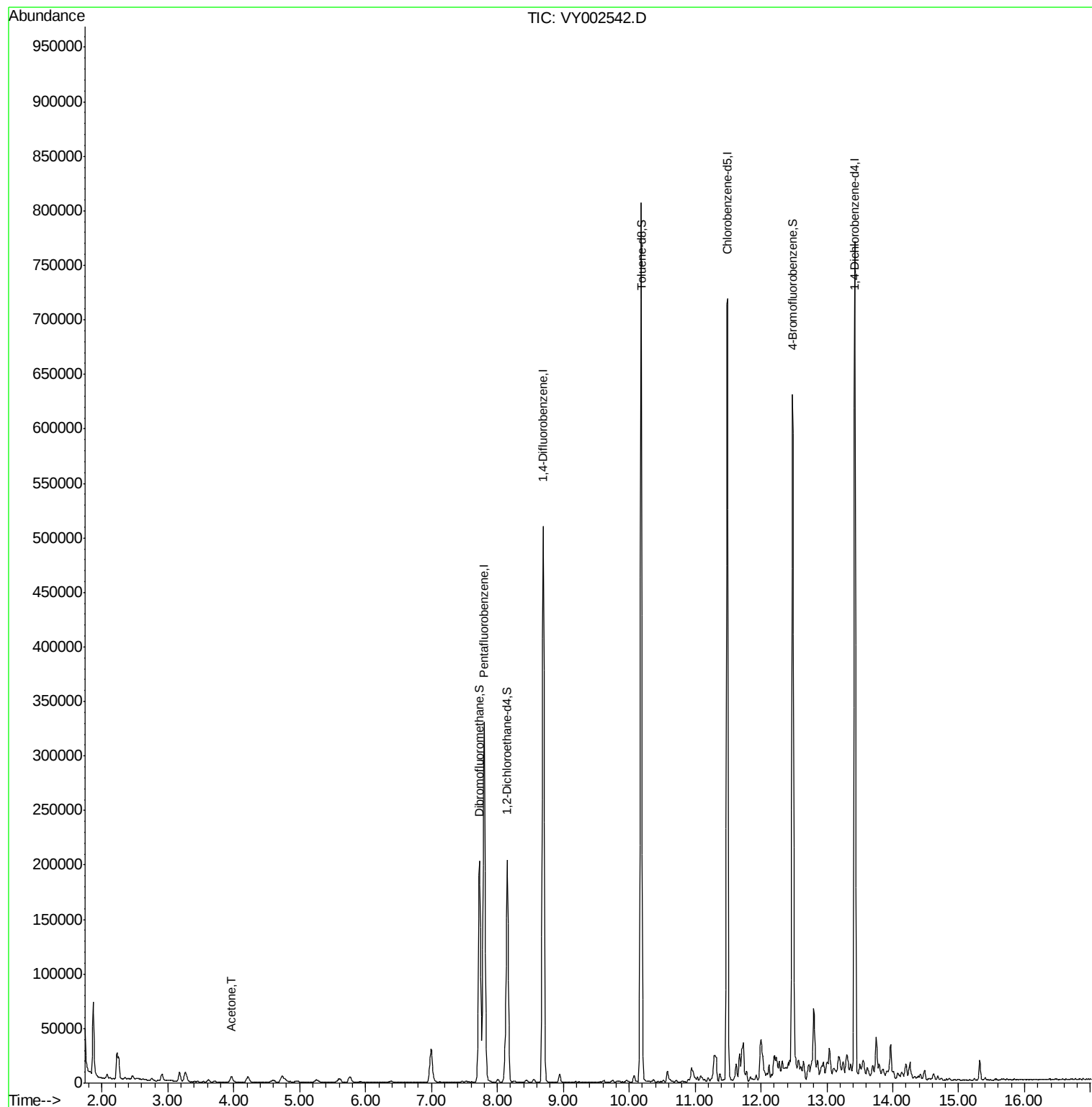
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	277232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	454767	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	418698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203352	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150304	64.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	128.96%	
35) Dibromofluoromethane	7.73	113	142957	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.18	98	534110	52.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.48	95	178284	51.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.46%	
Target Compounds						
16) Acetone	3.97	43	9505	19.758	ug/l	Qvalue 95

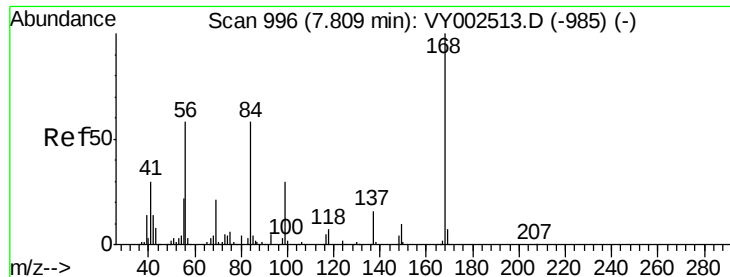
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
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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: VY002542.D

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MSVOA_Y

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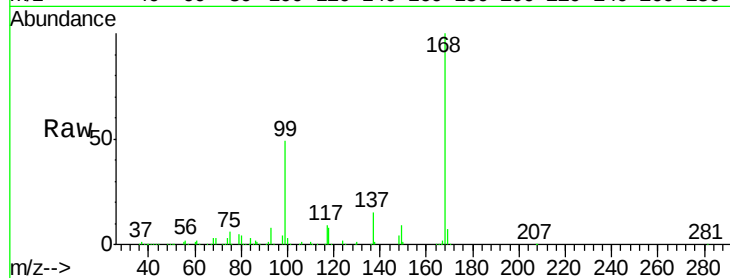
BP-VPB180-GW-678-680

Tot Ion:168 Resp: 277232

Ion Ratio Lower Upper

168 100

99 48.8 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) (-)

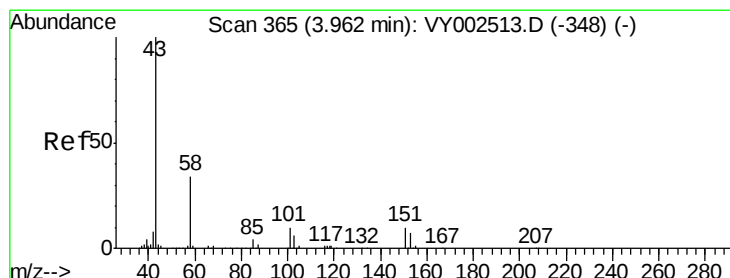
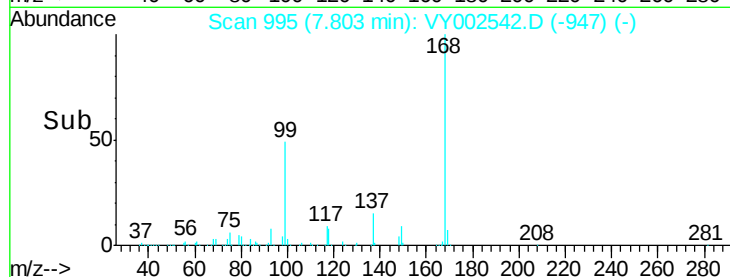
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 19.758 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002542.D

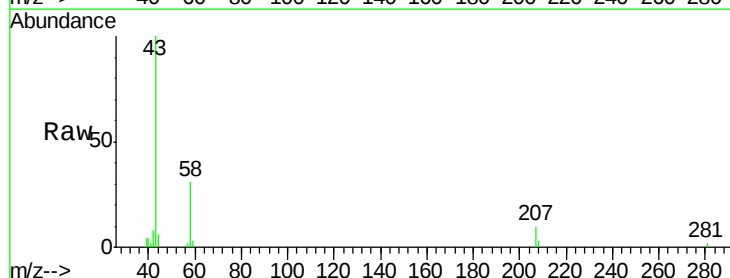
Acq: 04 May 2020 15:40

Tgt Ion: 43 Resp: 9505

Ion Ratio Lower Upper

43 100

58 30.7 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.97

4000

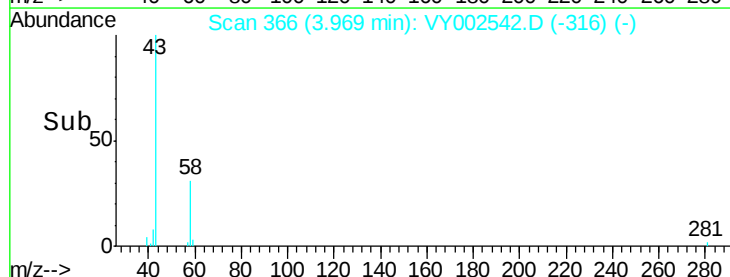
3000

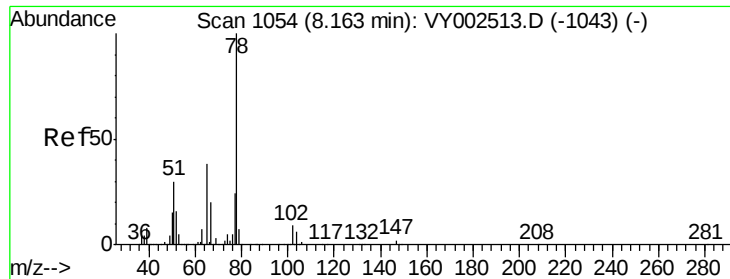
2000

1000

0

Time-->

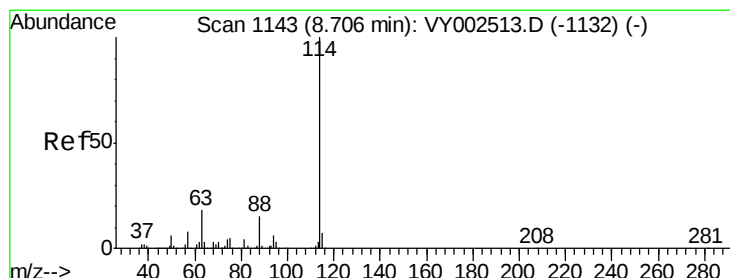
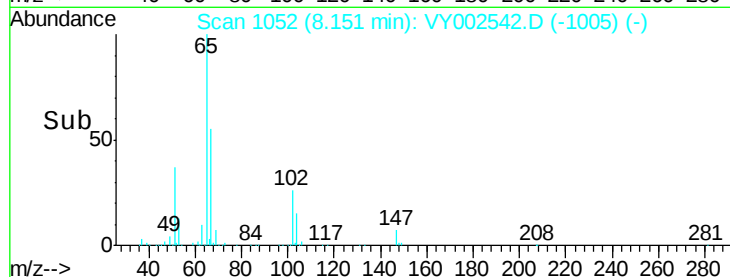
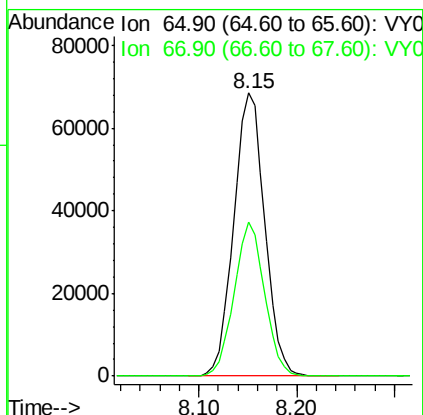
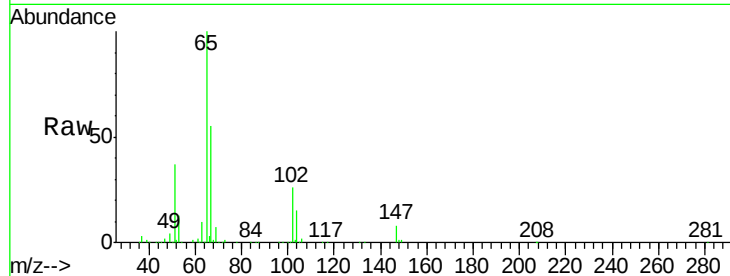




#33
 1,2-Dichloroethane-d4
 Concen: 64.480 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002542.D
 Acq: 04 May 2020 15:40

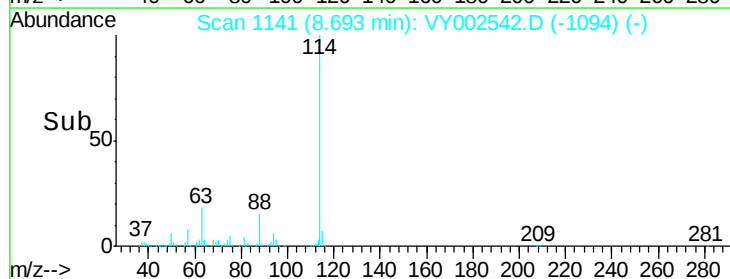
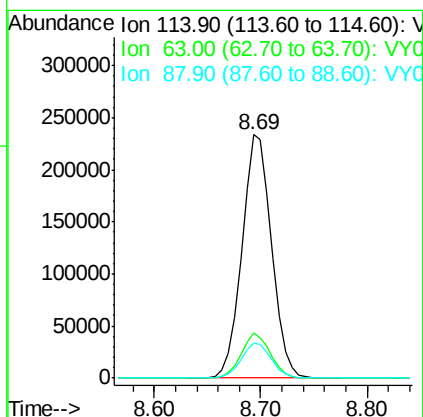
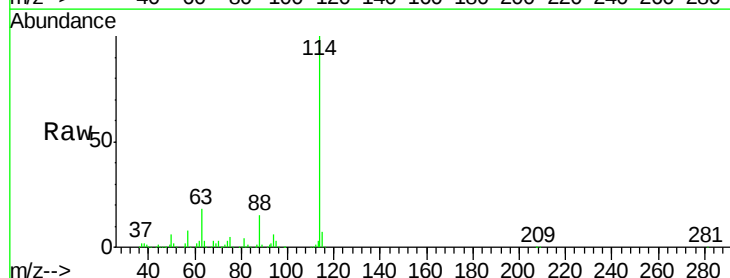
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-678-680

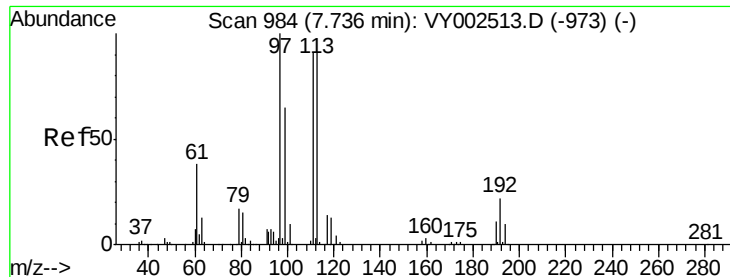
Tot Ion: 65 Resp: 150304
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002542.D
 Acq: 04 May 2020 15:40

Tgt Ion: 114 Resp: 454767
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.4
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 54.966 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002542.D

Acq: 04 May 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-678-680

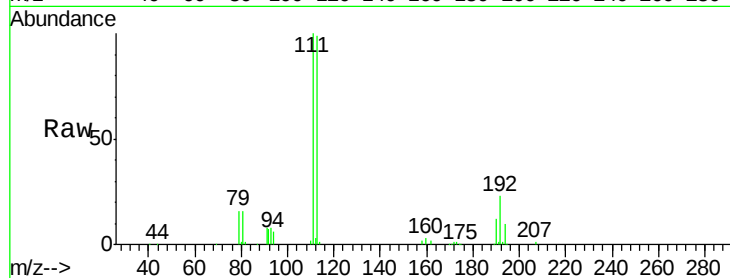
Tot Ion:113 Resp: 142957

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.6

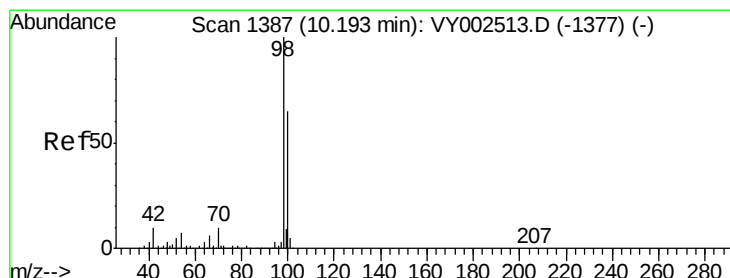
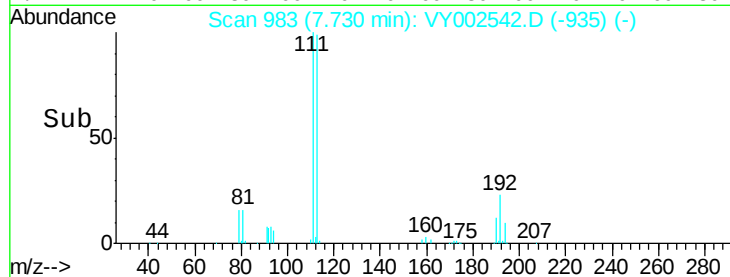
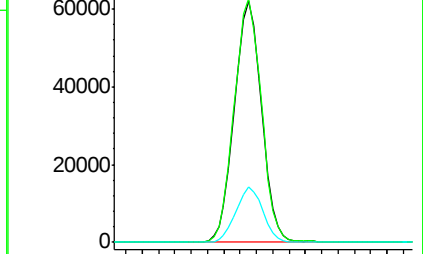
192 22.8 18.2 27.4



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: 52.587 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002542.D

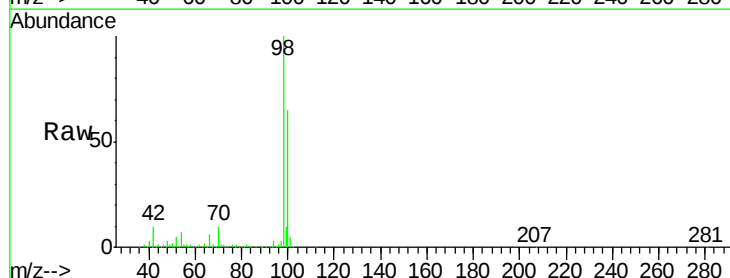
Acq: 04 May 2020 15:40

Tgt Ion: 98 Resp: 534110

Ion Ratio Lower Upper

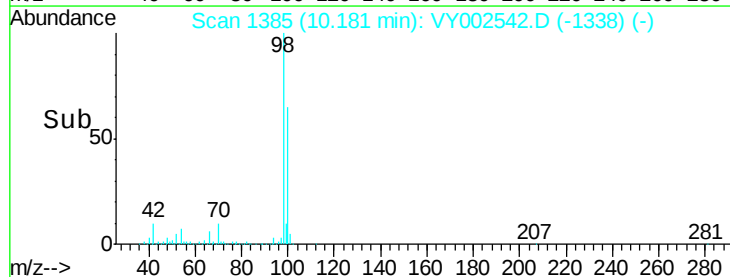
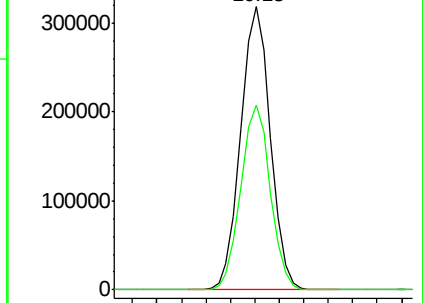
98 100

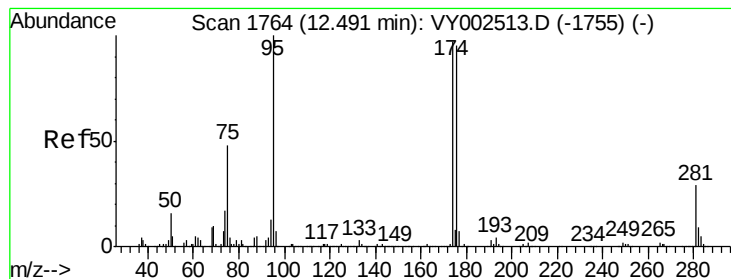
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 51.731 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002542.D

Acq: 04 May 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-678-680

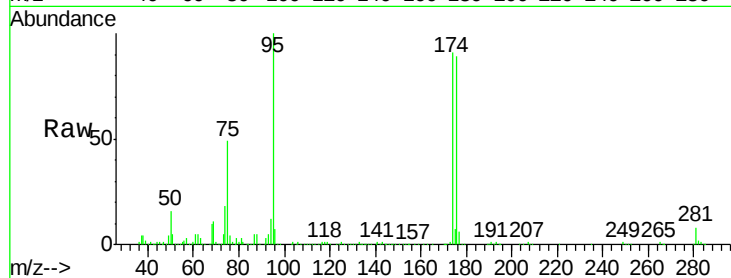
Tot Ion: 95 Resp: 178284

Ion Ratio Lower Upper

95 100

174 93.8 0.0 188.8

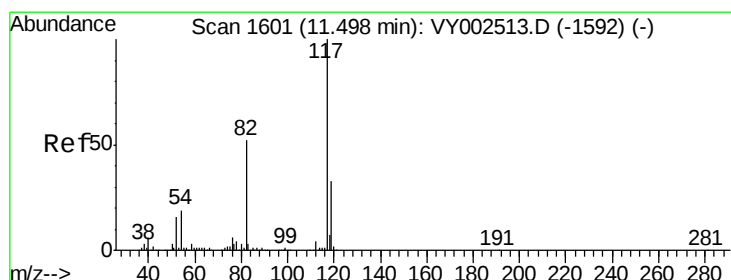
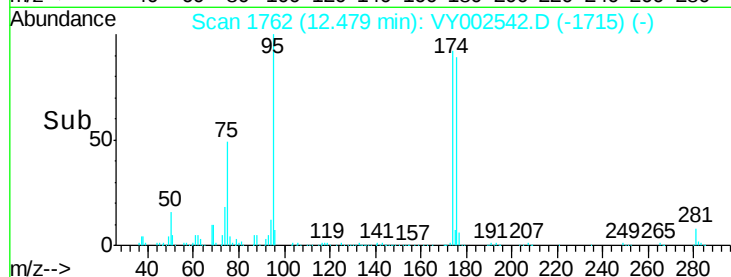
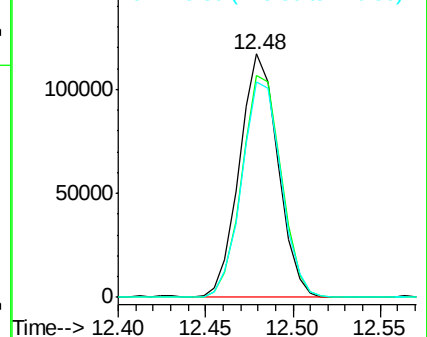
176 91.1 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002542.D

Acq: 04 May 2020 15:40

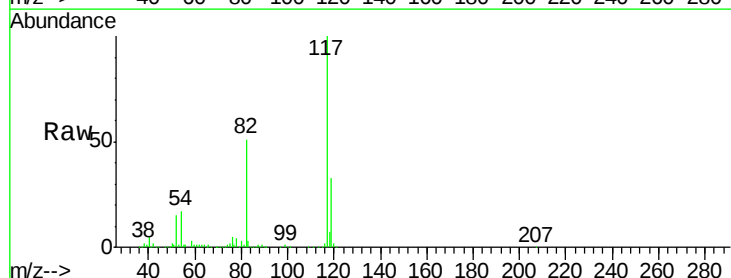
Tgt Ion: 117 Resp: 418698

Ion Ratio Lower Upper

117 100

82 50.9 41.3 61.9

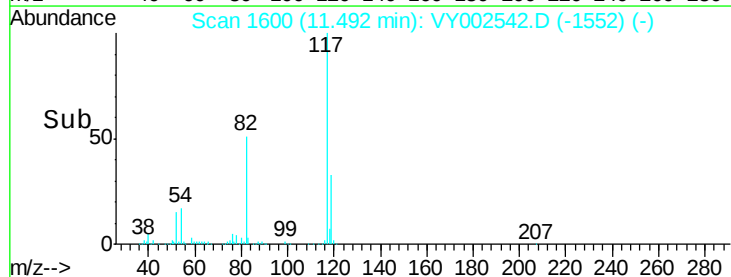
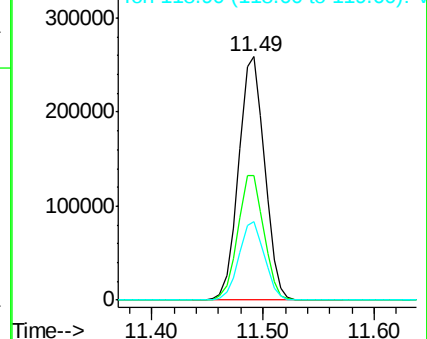
119 32.5 26.0 39.0

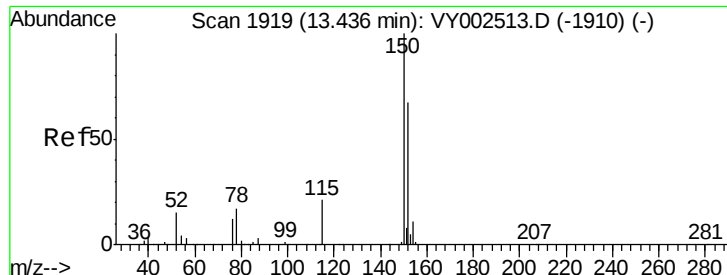


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002542.D

Acq: 04 May 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-678-680

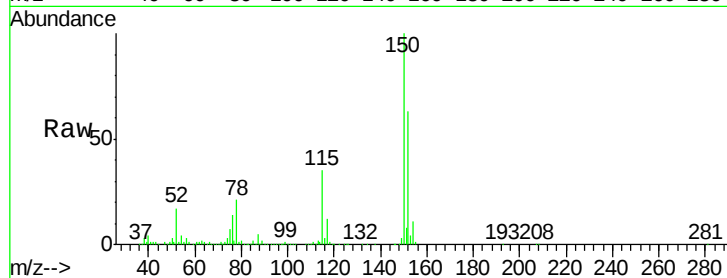
Tot Ion:152 Resp: 203352

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

150 157.3 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

