

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002522.D
 Acq On : 01 May 2020 12:32
 Operator : SY/MD
 Sample : L2444-02
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-PVSC

Quant Time: May 04 01:42:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 01 17:41:53 2020
 Response via : Initial Calibration

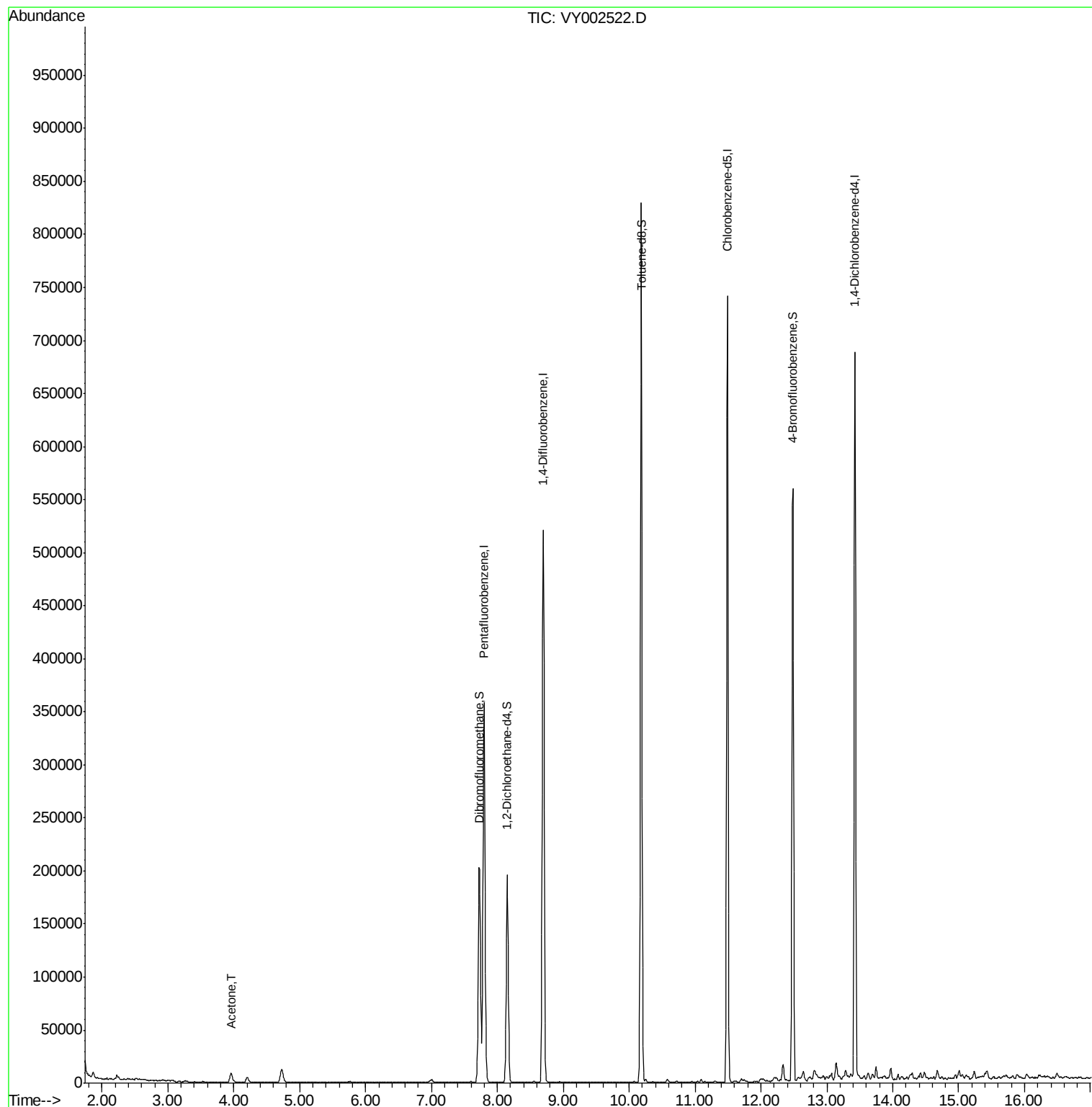
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292377	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	472090	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	415824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189437	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149140	60.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	121.34%	
35) Dibromofluoromethane	7.72	113	145685	53.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.92%	
50) Toluene-d8	10.18	98	549604	52.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.49	95	172145	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
16) Acetone	3.96	43	15067	29.697	ug/l	Qvalue 98

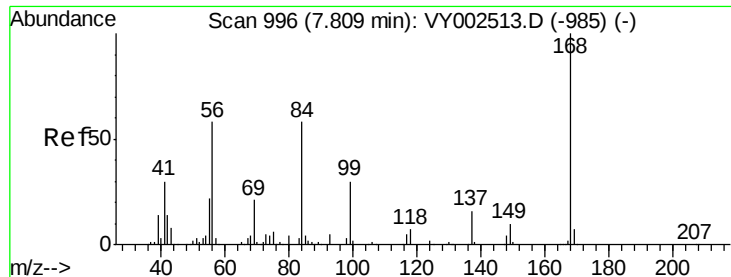
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002522.D

Acq: 01 May 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

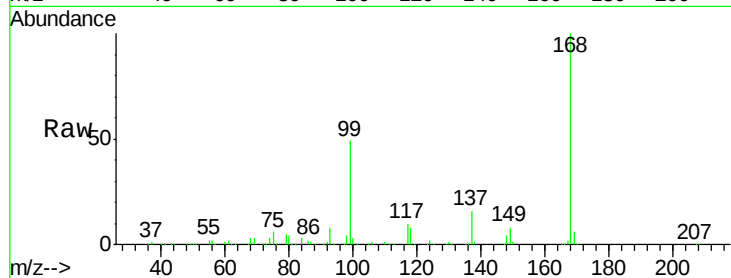
SP-PVSC

Tot Ion:168 Resp: 292377

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

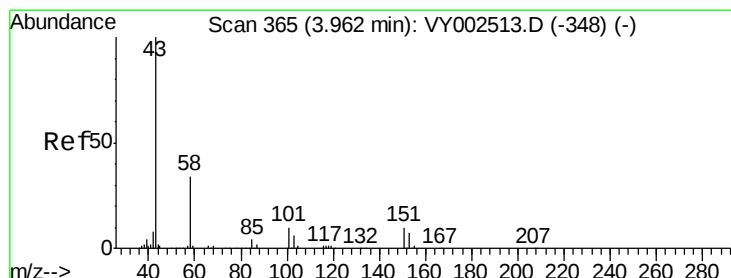
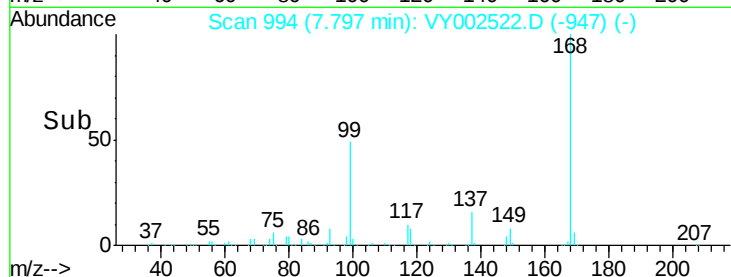
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 29.697 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002522.D

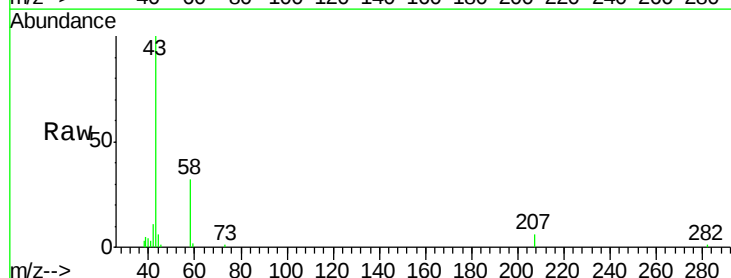
Acq: 01 May 2020 12:32

Tgt Ion: 43 Resp: 15067

Ion Ratio Lower Upper

43 100

58 32.3 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

6000

5000

4000

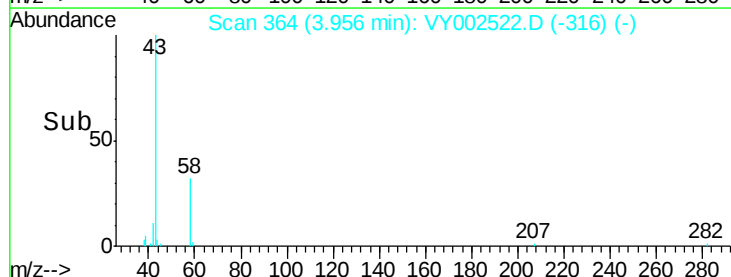
3000

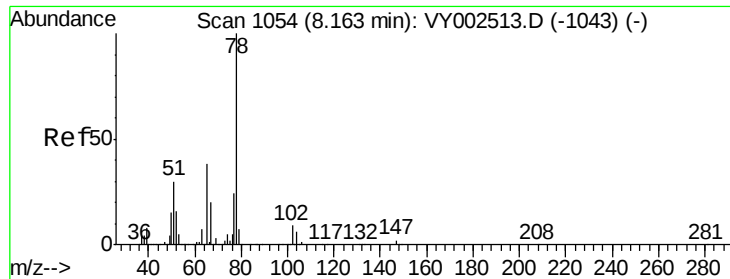
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1000

0

Time-->

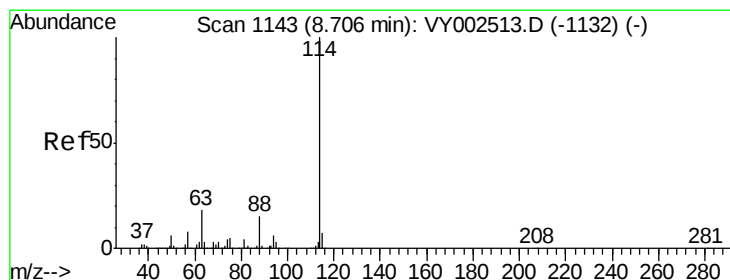
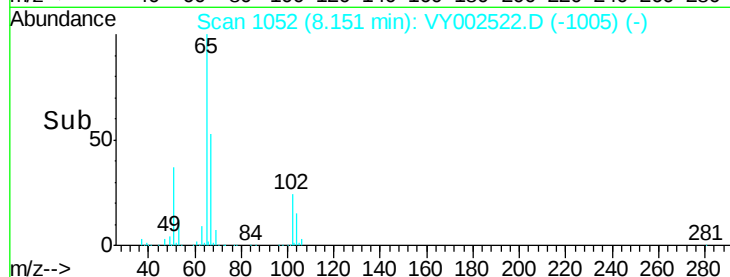
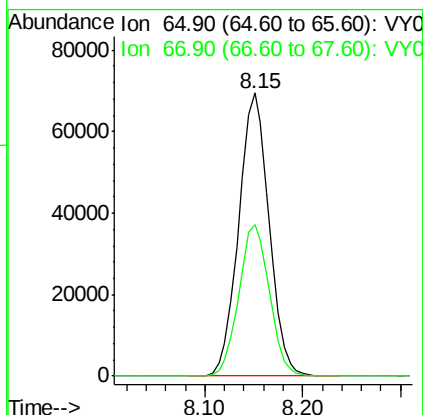
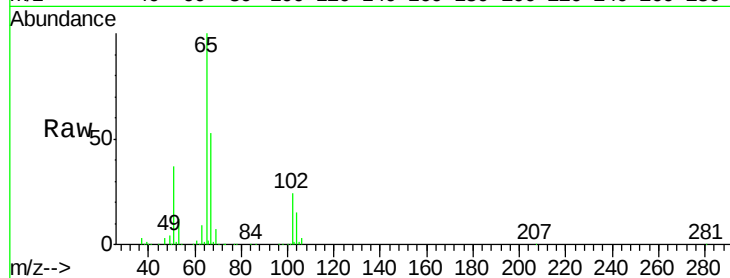




#33
 1,2-Dichloroethane-d4
 Concen: 60.667 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002522.D
 Acq: 01 May 2020 12:32

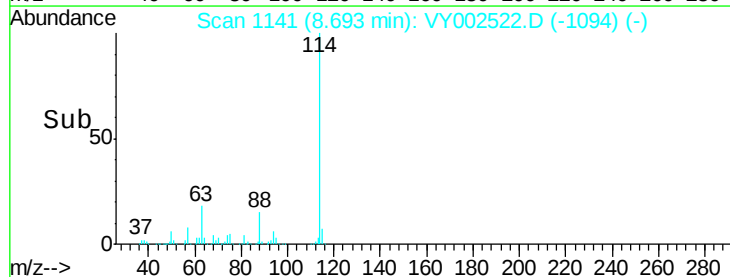
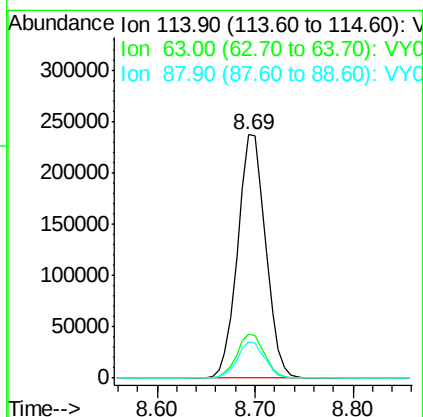
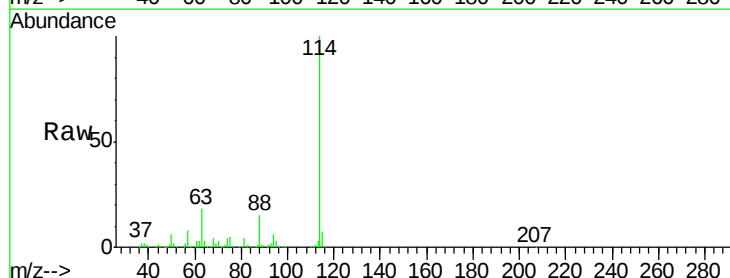
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-PVSC

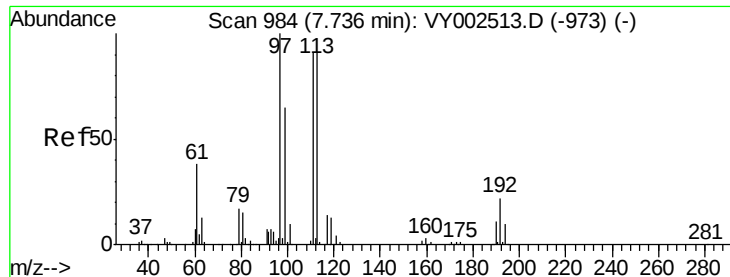
Tot Ion: 65 Resp: 149140
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002522.D
 Acq: 01 May 2020 12:32

Tgt Ion: 114 Resp: 472090
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 14.8 0.0 29.6

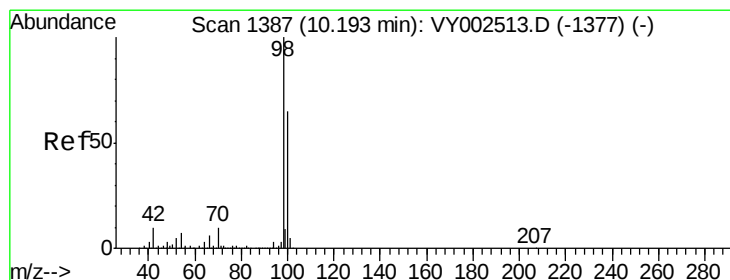
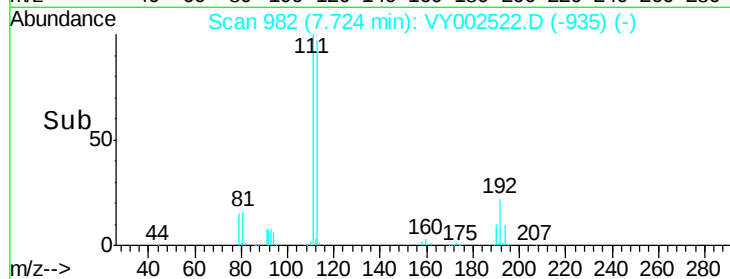
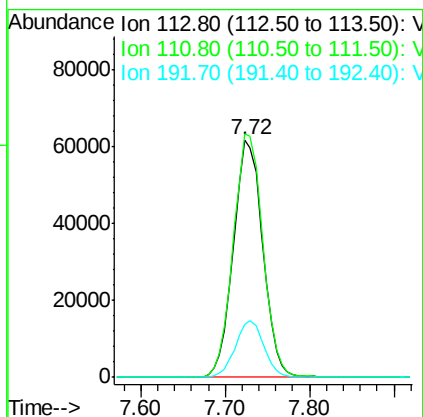
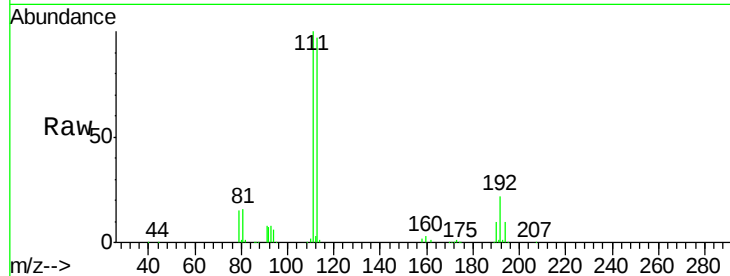




#35
 Dibromofluoromethane
 Concen: 53.959 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002522.D
 Acq: 01 May 2020 12:32

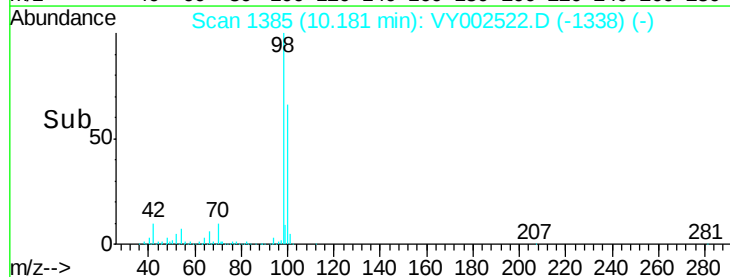
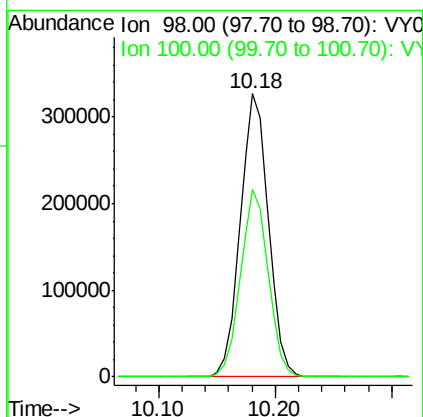
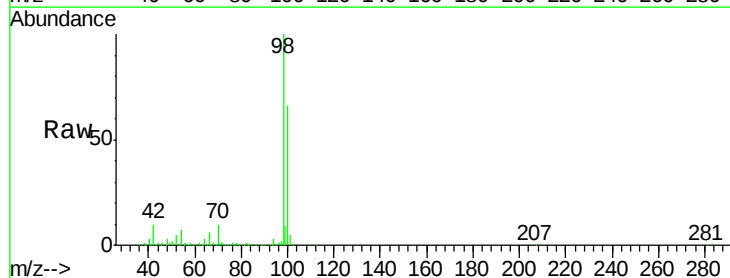
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-PVSC

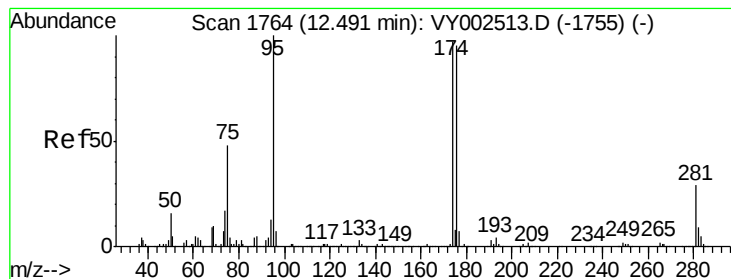
Tot Ion:113 Resp: 145685
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 23.1 18.2 27.4



#50
 Toluene-d8
 Concen: 52.127 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY002522.D
 Acq: 01 May 2020 12:32

Tgt Ion: 98 Resp: 549604
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.117 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002522.D

Acq: 01 May 2020 12:32

Instrument :

MSVOA_Y

ClientSampled :

SP-PVSC

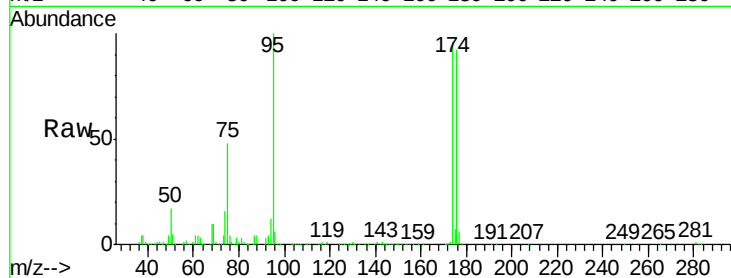
Tot Ion: 95 Resp: 172145

Ion Ratio Lower Upper

95 100

174 93.9 0.0 188.8

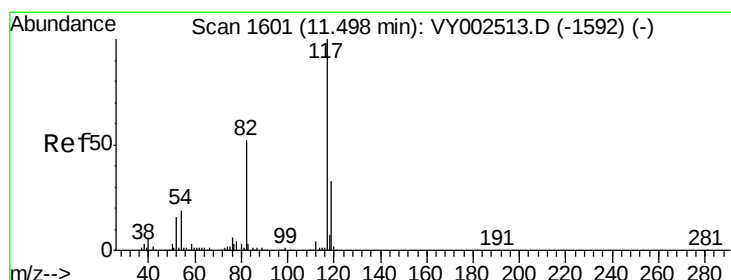
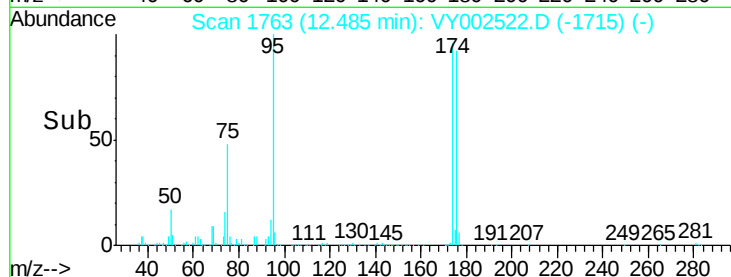
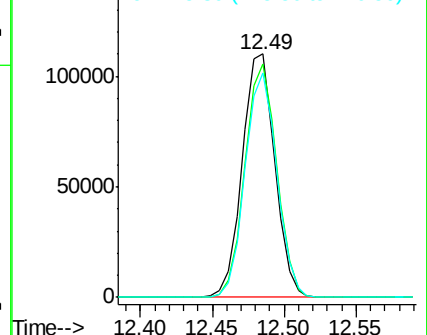
176 90.2 0.0 183.2



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: VY002522.D

Acq: 01 May 2020 12:32

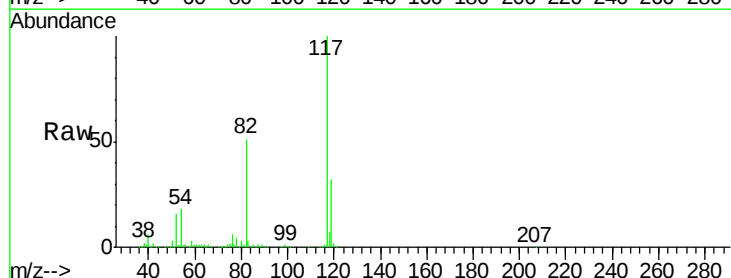
Tgt Ion: 117 Resp: 415824

Ion Ratio Lower Upper

117 100

82 51.1 41.3 61.9

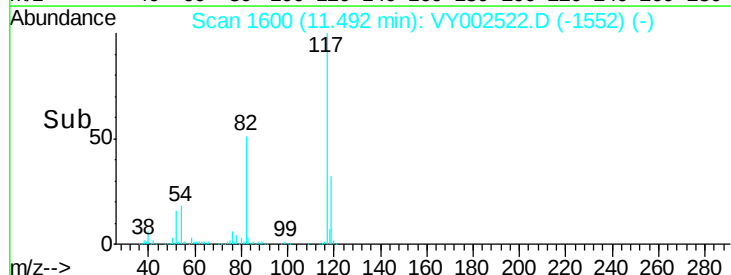
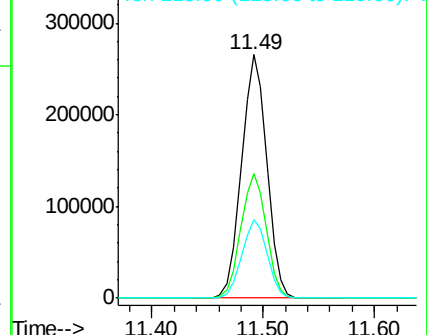
119 32.0 26.0 39.0

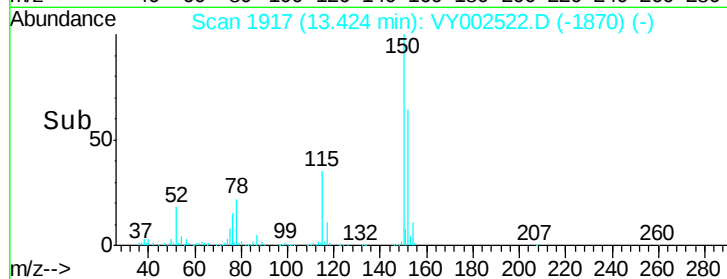
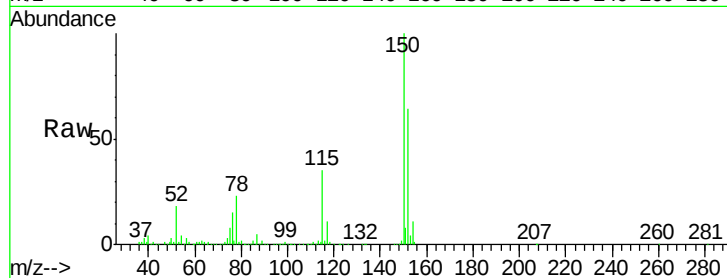
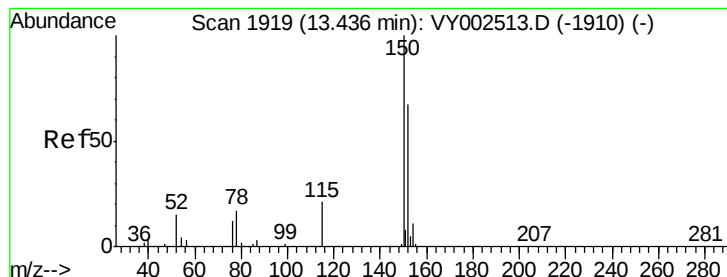


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

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: VY002522.D

Acq: 01 May 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

SP-PVSC

Tot Ion:152 Resp: 189437

Ion Ratio Lower Upper

152 100

115 53.3 27.5 82.4

150 155.1 0.0 346.4

