

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002444.D
 Acq On : 21 Apr 2020 19:25
 Operator : SY/MD
 Sample : L2331-01
 Misc : 7.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22-(1.5-2.5)

Quant Time: Apr 22 03:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

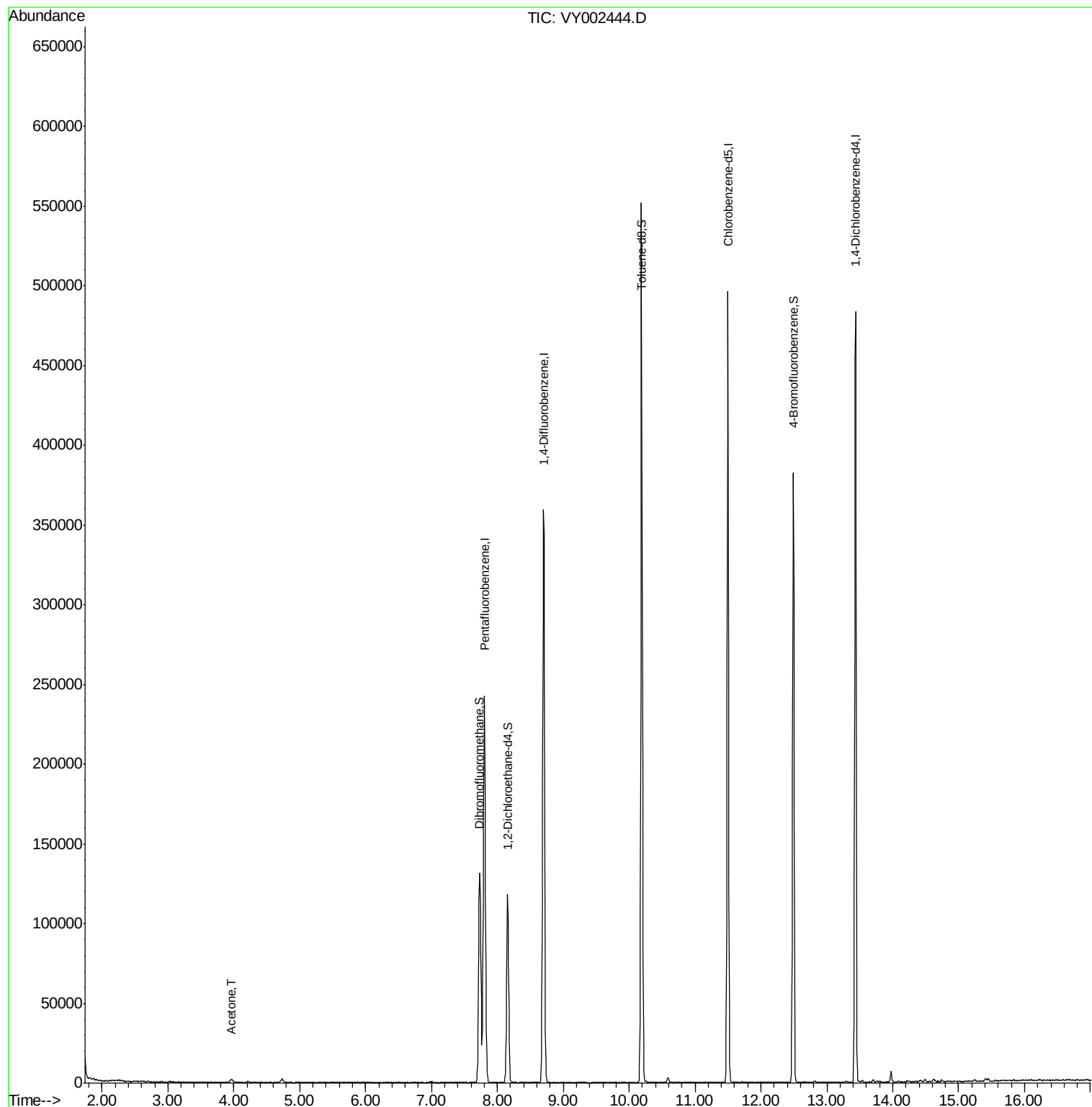
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	337281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	298066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87478	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
35) Dibromofluoromethane	7.73	113	95568	53.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.74%	
50) Toluene-d8	10.19	98	386207	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.49	95	113322	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						
16) Acetone	3.96	43	3749	9.086	ug/l	Qvalue 99

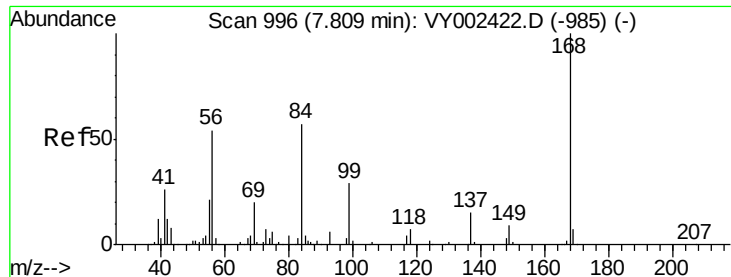
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
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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: VY002444.D

Acq: 21 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampled :

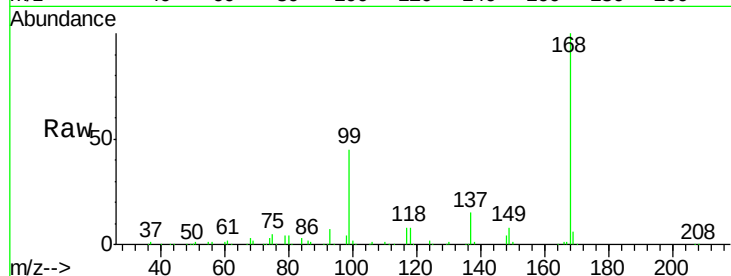
TP-22-(1.5-2.5)

Tot Ion:168 Resp: 212292

Ion Ratio Lower Upper

168 100

99 45.0 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

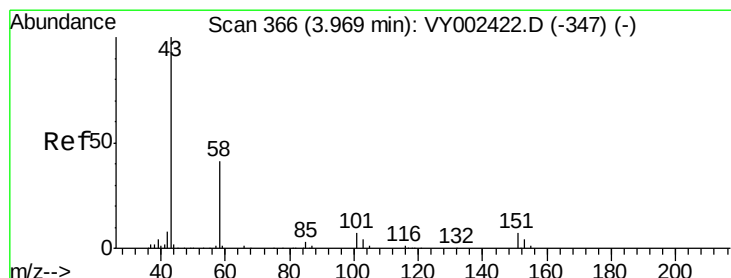
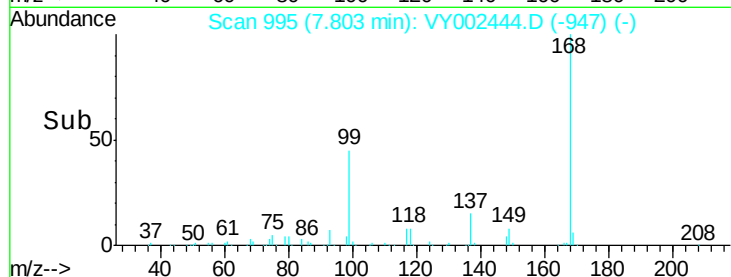
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.086 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002444.D

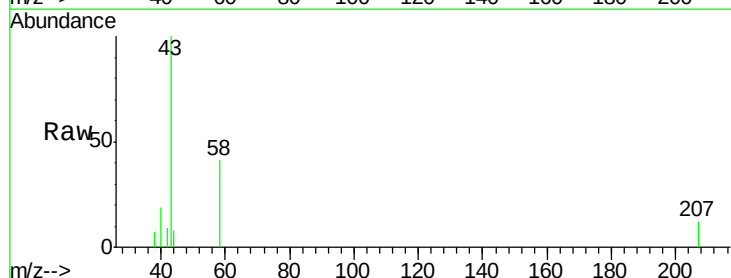
Acq: 21 Apr 2020 19:25

Tgt Ion: 43 Resp: 3749

Ion Ratio Lower Upper

43 100

58 41.0 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.96

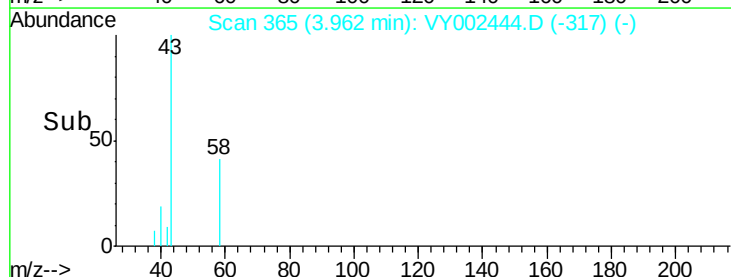
1500

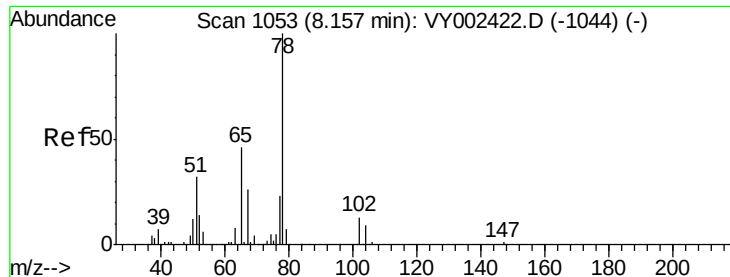
1000

500

0

Time-->

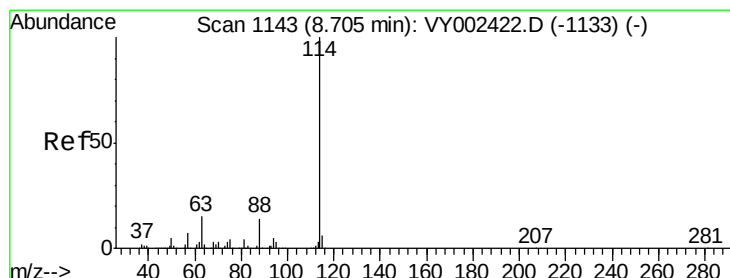
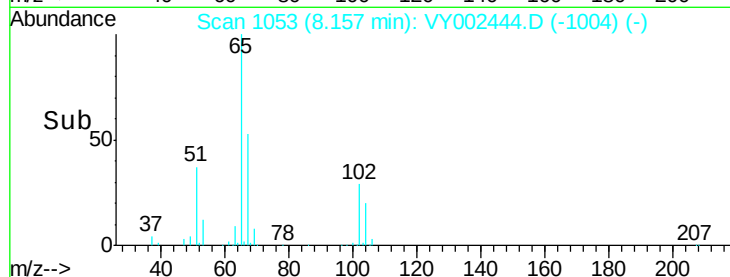
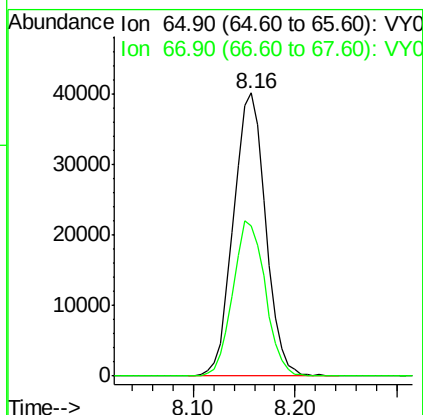
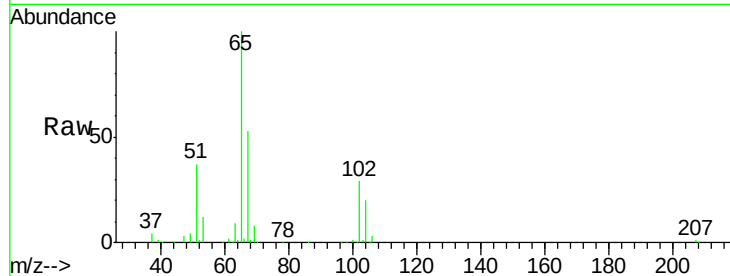




#33
 1,2-Dichloroethane-d4
 Concen: 56.656 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002444.D
 Acq: 21 Apr 2020 19:25

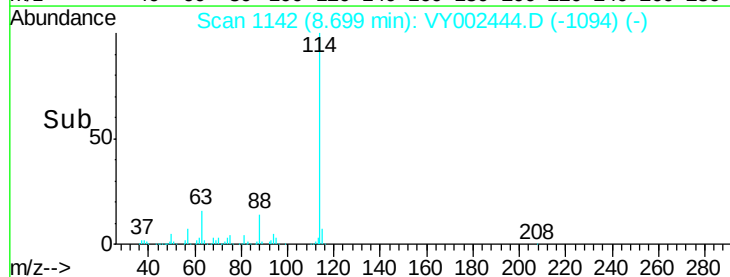
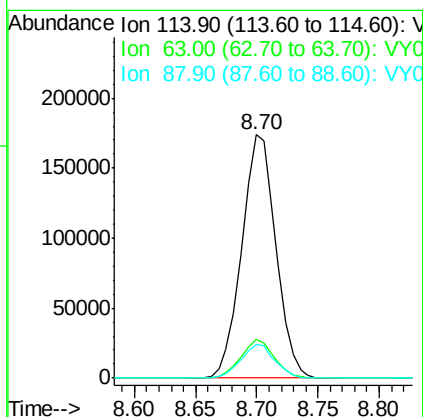
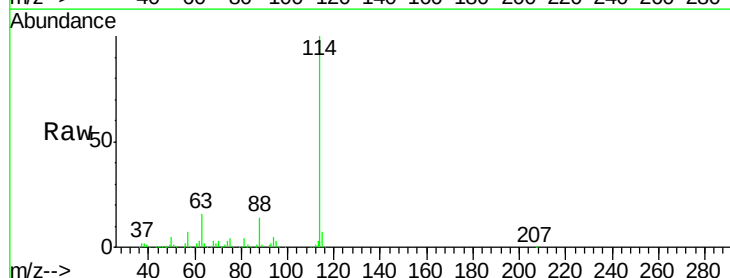
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22-(1.5-2.5)

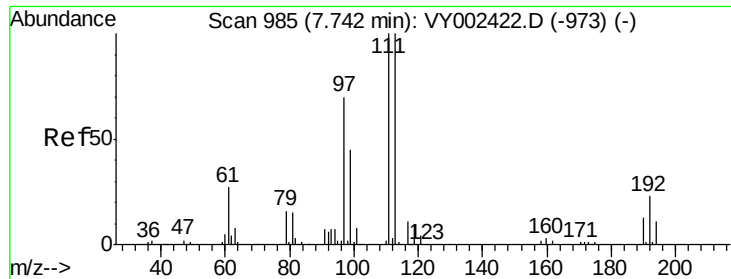
Tot Ion: 65 Resp: 87478
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002444.D
 Acq: 21 Apr 2020 19:25

Tgt Ion: 114 Resp: 337281
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.0
 88 13.9 0.0 28.2

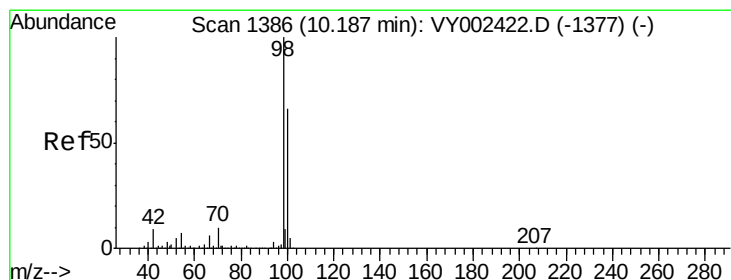
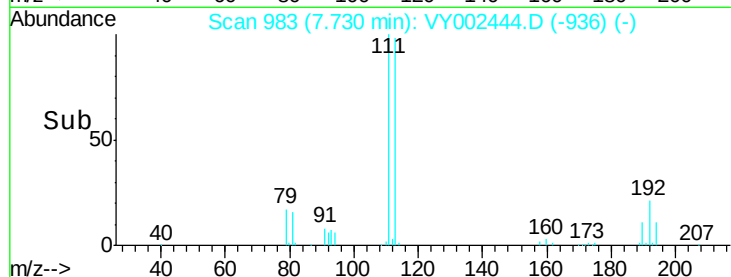
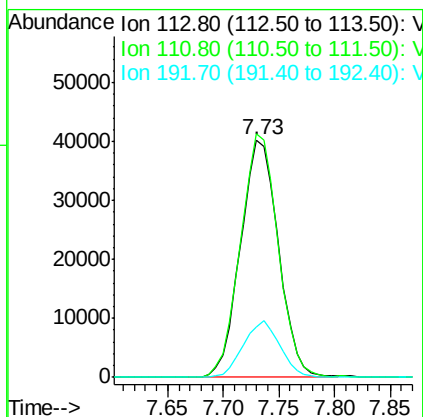
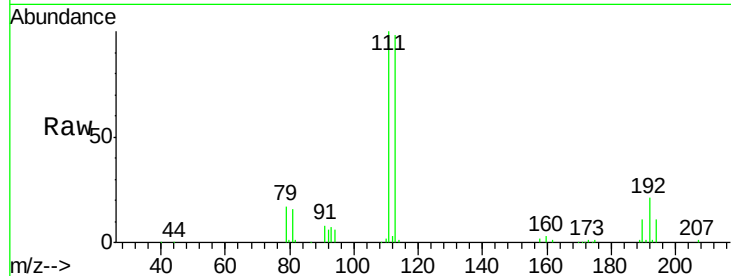




#35
 Dibromofluoromethane
 Concen: 53.870 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002444.D
 Acq: 21 Apr 2020 19:25

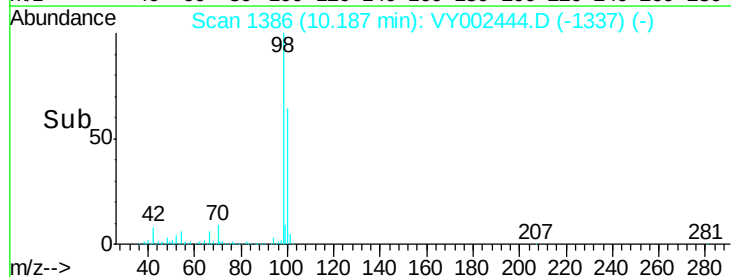
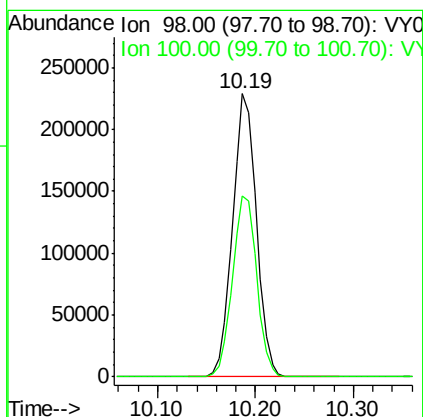
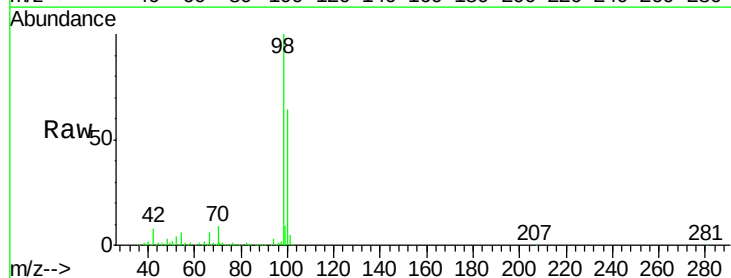
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22-(1.5-2.5)

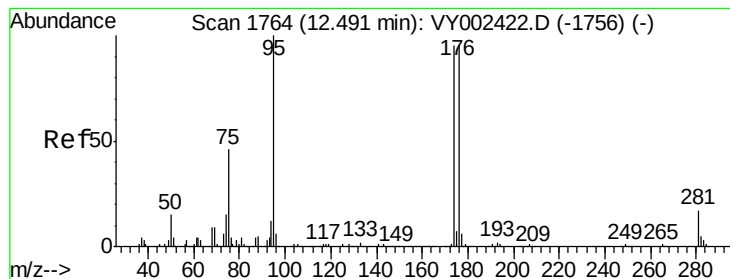
Tot Ion:113 Resp: 95568
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 23.0 17.8 26.6



#50
 Toluene-d8
 Concen: 53.825 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY002444.D
 Acq: 21 Apr 2020 19:25

Tgt Ion: 98 Resp: 386207
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 47.836 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002444.D

Acq: 21 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-22-(1.5-2.5)

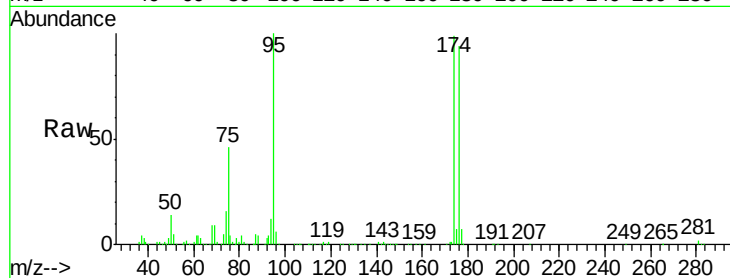
Tot Ion: 95 Resp: 113322

Ion Ratio Lower Upper

95 100

174 97.9 0.0 185.8

176 94.1 0.0 181.2



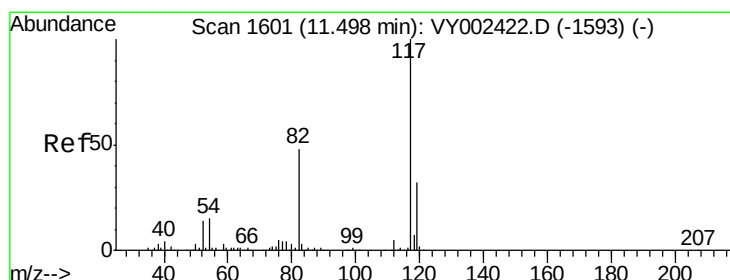
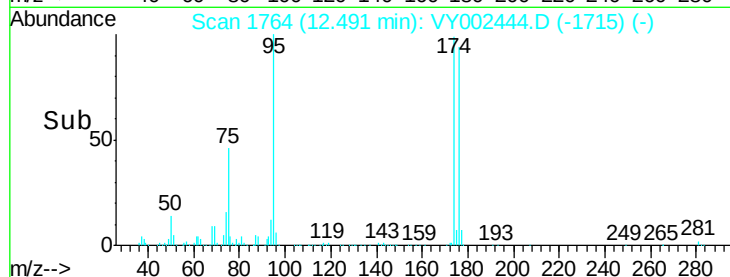
Abundance Ion 94.90 (94.60 to 95.60): VY002422.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002422.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002422.D (-1756) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002444.D

Acq: 21 Apr 2020 19:25

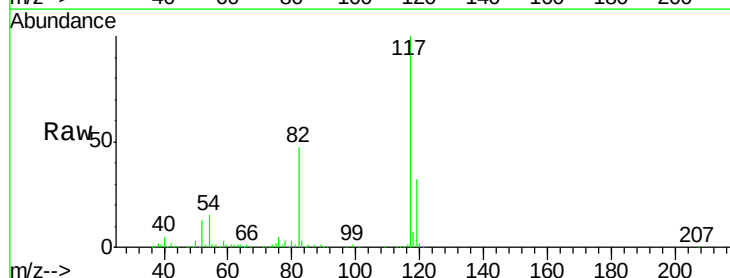
Tgt Ion: 117 Resp: 298066

Ion Ratio Lower Upper

117 100

82 46.7 38.4 57.6

119 31.7 25.3 37.9



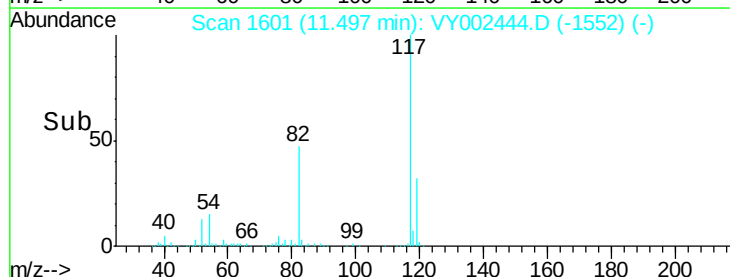
Abundance Ion 116.90 (116.60 to 117.60): VY002422.D (-1593) (-)

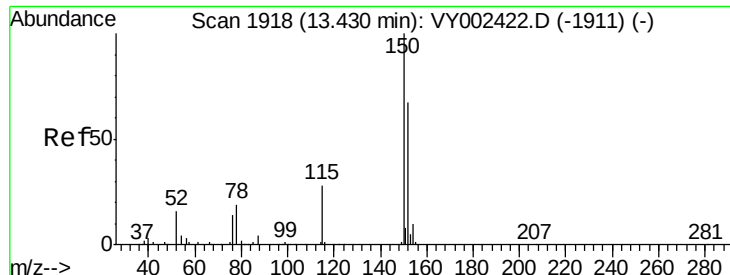
Ion 82.00 (81.70 to 82.70): VY002422.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002422.D (-1593) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002444.D

Acq: 21 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-22-(1.5-2.5)

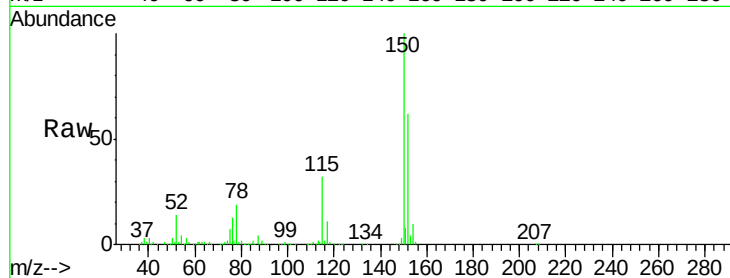
Tot Ion:152 Resp: 136816

Ion Ratio Lower Upper

152 100

115 52.3 27.3 81.8

150 156.1 0.0 344.0



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

