

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002525.D
 Acq On : 01 May 2020 13:37
 Operator : SY/MD
 Sample : L2441-01
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

Quant Time: May 04 01:58:45 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

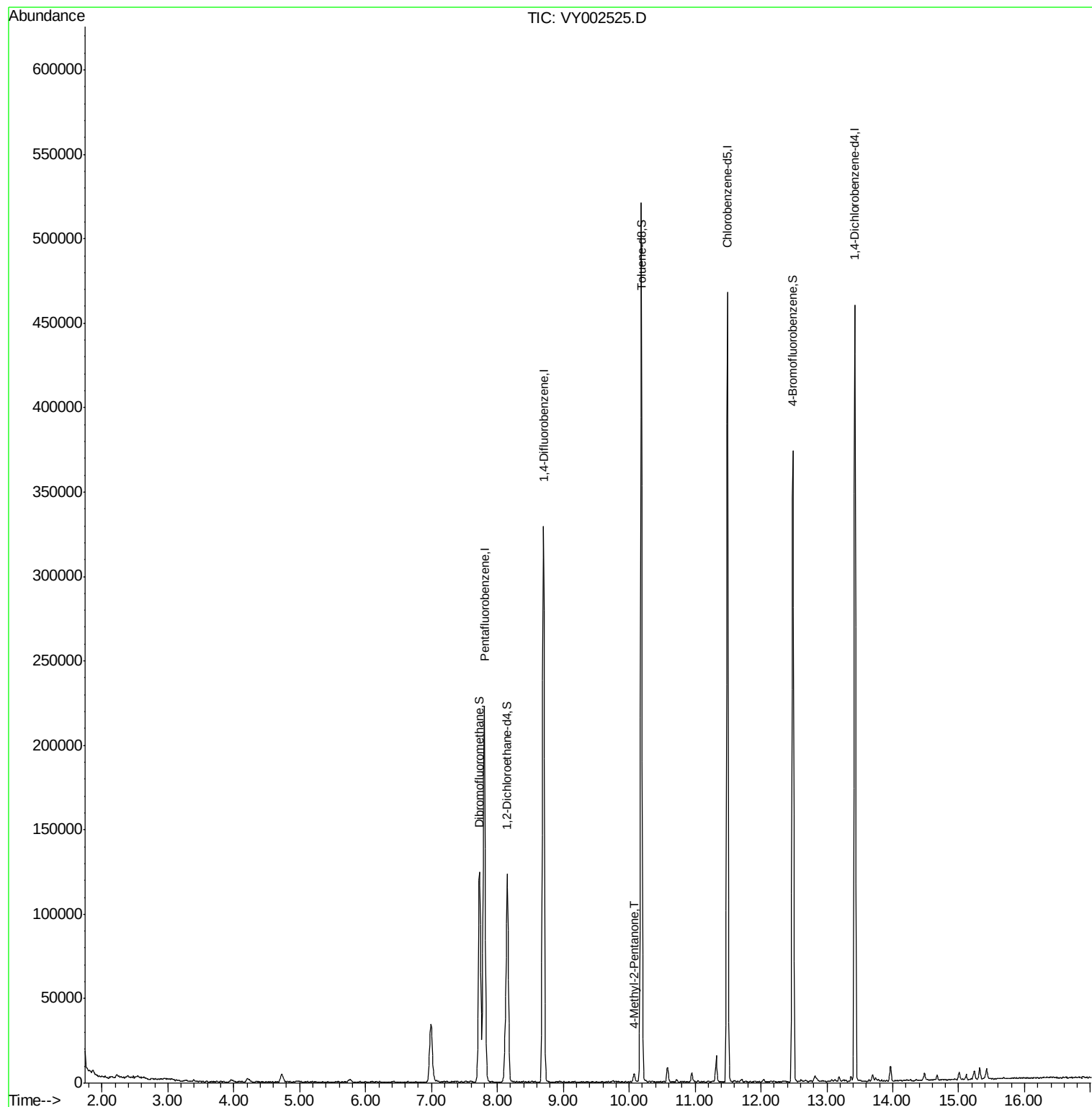
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	187283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	299010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	260819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123856	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	88599	56.26	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.52%	
35) Dibromofluoromethane	7.73	113	89928	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.18	98	347884	52.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.49	95	107500	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
Target Compounds						
51) 4-Methyl-2-Pentanone	10.08	43	3454	2.775	ug/l	Qvalue 97

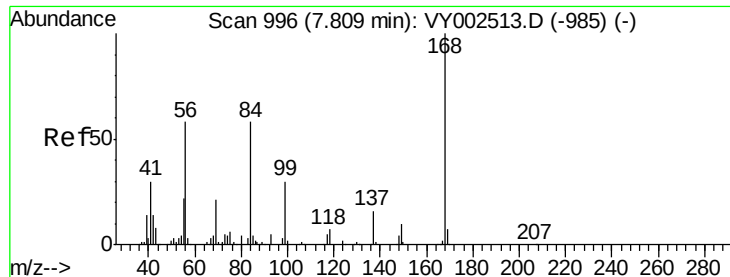
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002525.D

Acq: 01 May 2020 13:37

Instrument :

MSVOA_Y

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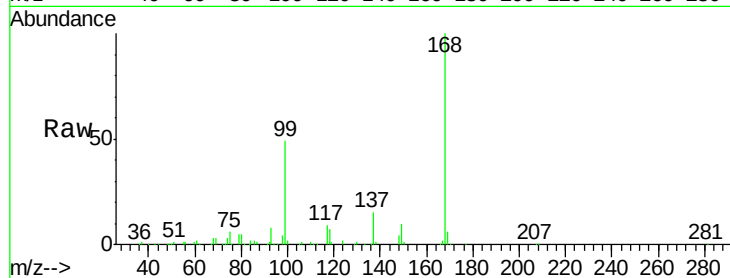
RECOVERED-CRUSH-AGGREGAT

Tot Ion:168 Resp: 187283

Ion Ratio Lower Upper

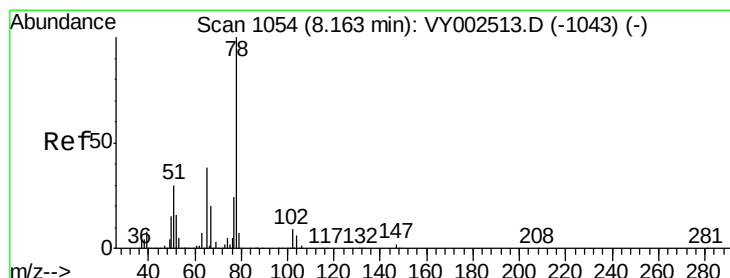
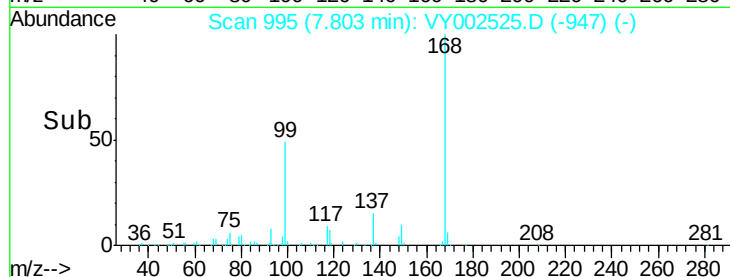
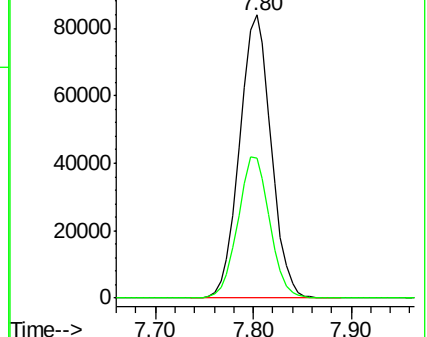
168 100

99 49.3 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.264 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002525.D

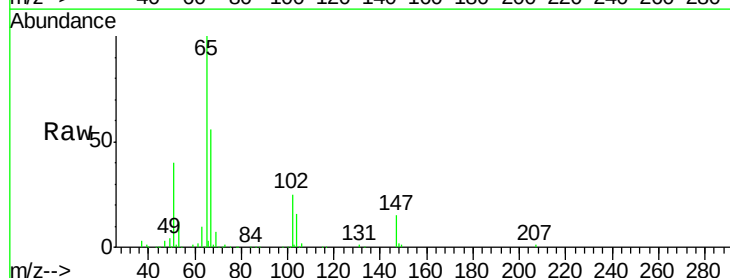
Acq: 01 May 2020 13:37

Tgt Ion: 65 Resp: 88599

Ion Ratio Lower Upper

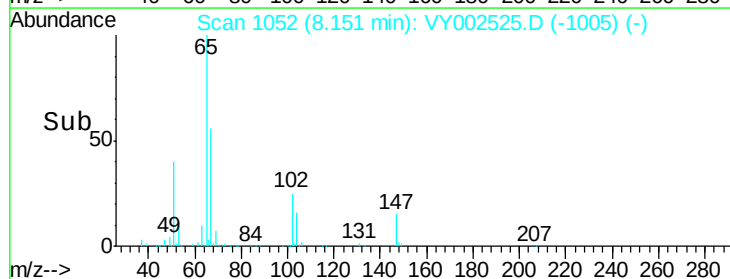
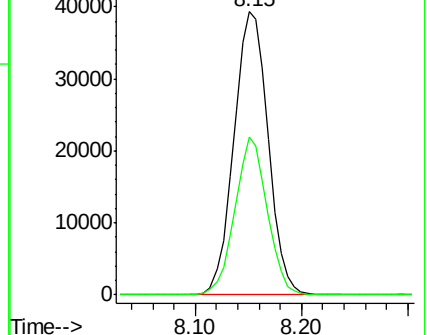
65 100

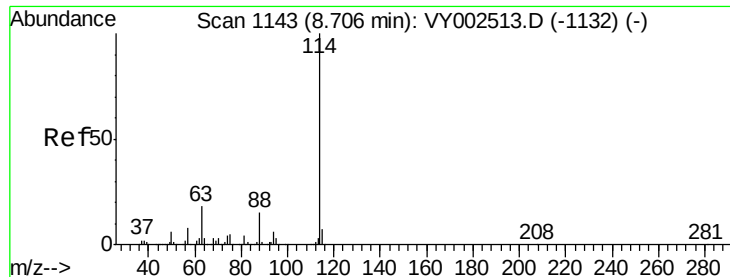
67 52.7 0.0 107.2



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

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

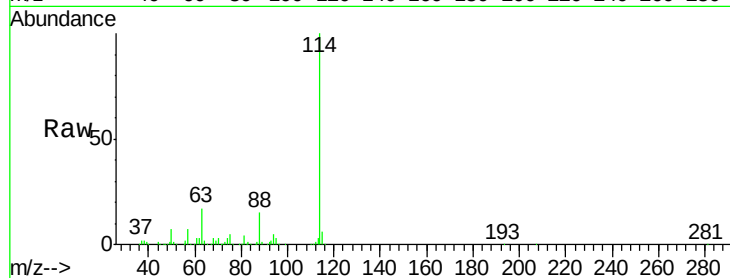




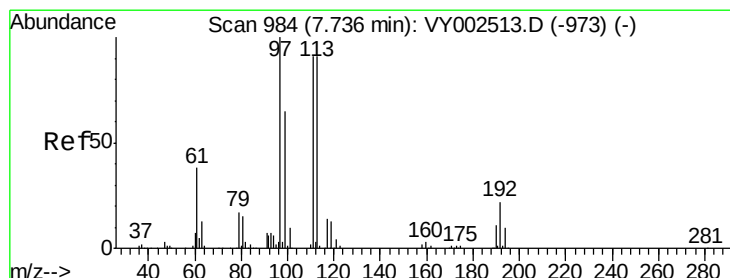
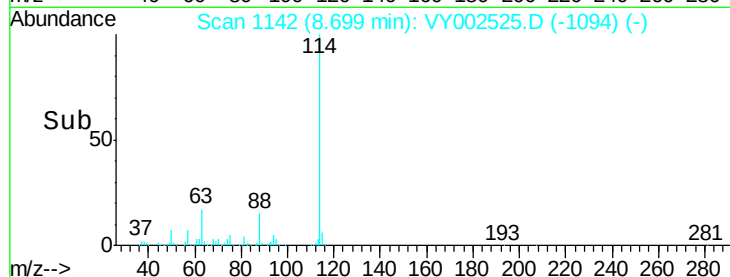
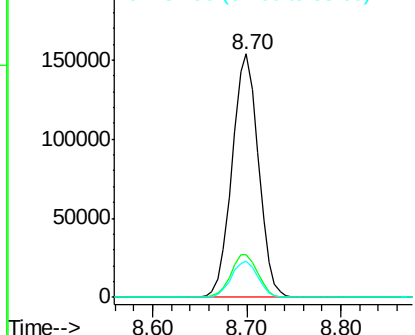
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002525.D
 Acq: 01 May 2020 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.4
88	14.7	0.0	29.6

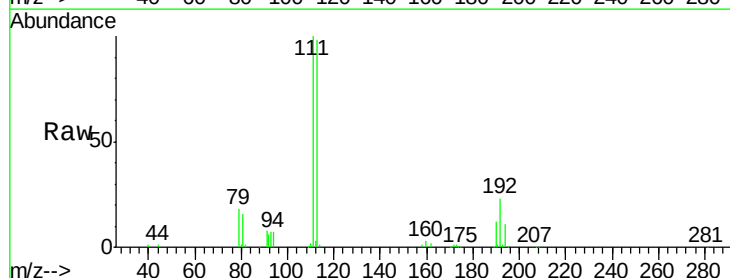


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

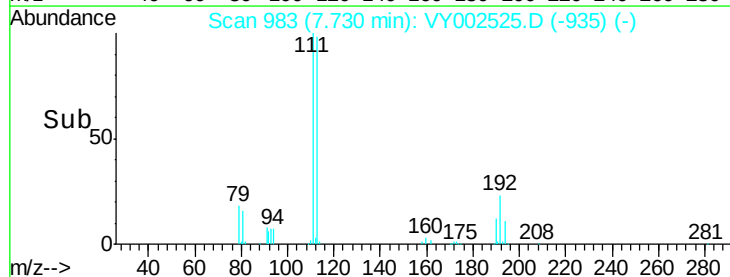
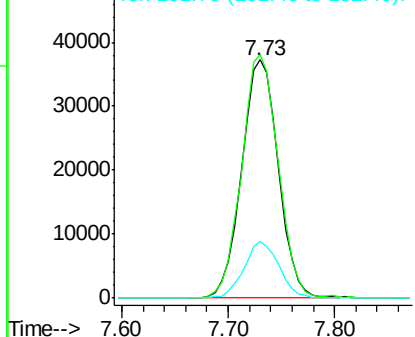


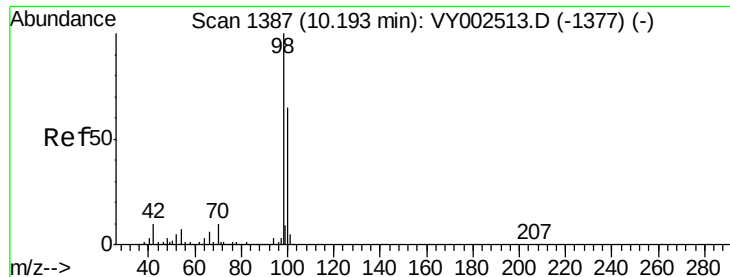
#35
 Dibromofluoromethane
 Concen: 52.588 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002525.D
 Acq: 01 May 2020 13:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	22.9	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: 52.094 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002525.D

Acq: 01 May 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

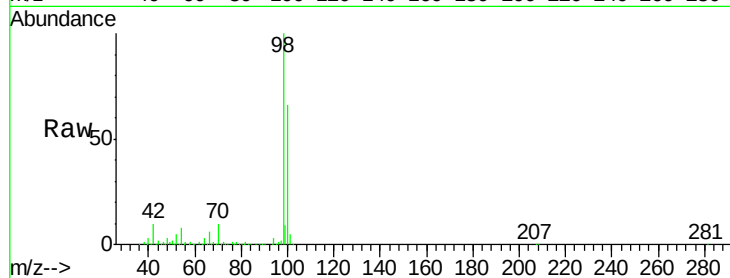
RECOVERED-CRUSH-AGGREGAT

Tot Ion: 98 Resp: 347884

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

200000

150000

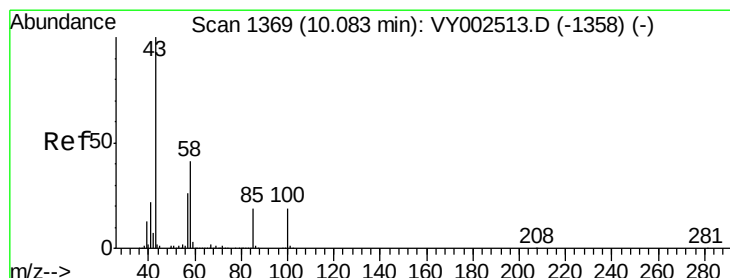
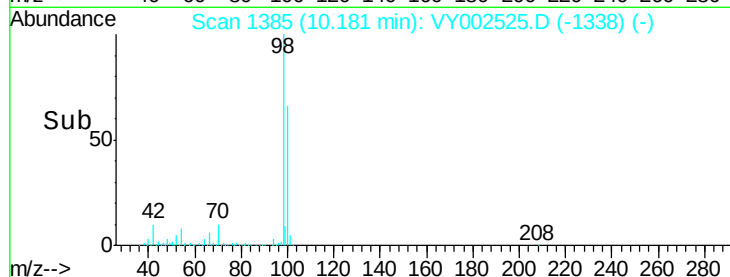
100000

50000

0

Time-->

10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 2.775 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002525.D

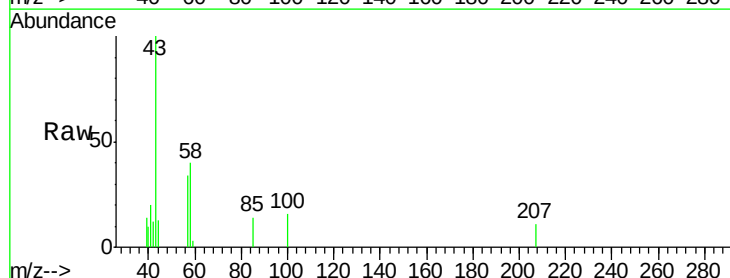
Acq: 01 May 2020 13:37

Tgt Ion: 43 Resp: 3454

Ion Ratio Lower Upper

43 100

58 39.6 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

2000

1500

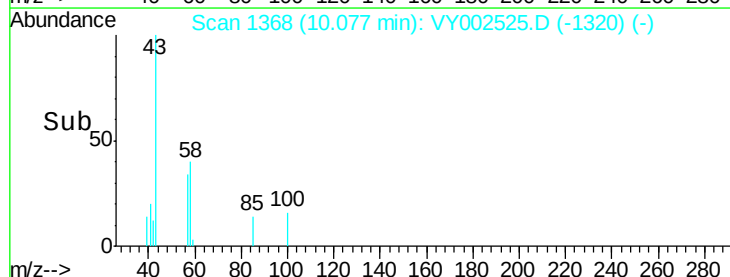
1000

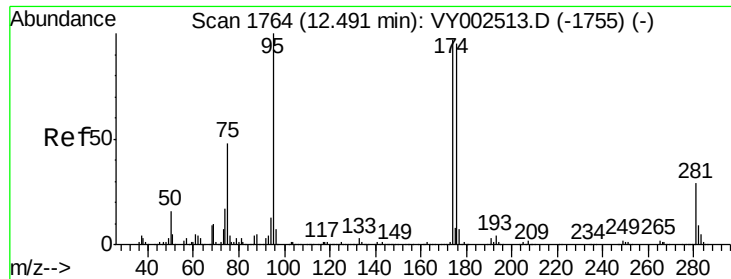
500

0

Time-->

10.00 10.05 10.10





#62

4-Bromofluorobenzene

Concen: 47.440 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002525.D

Acq: 01 May 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

RECOVERED-CRUSH-AGGREGAT

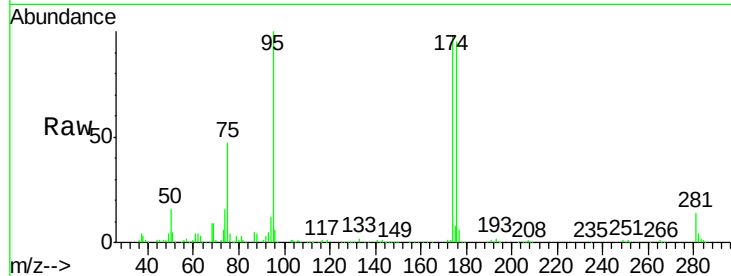
Tot Ion: 95 Resp: 107500

Ion Ratio Lower Upper

95 100

174 94.3 0.0 188.8

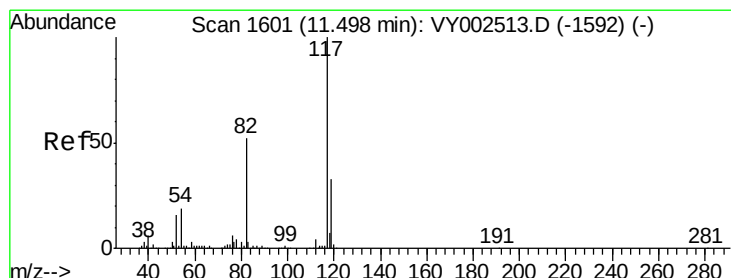
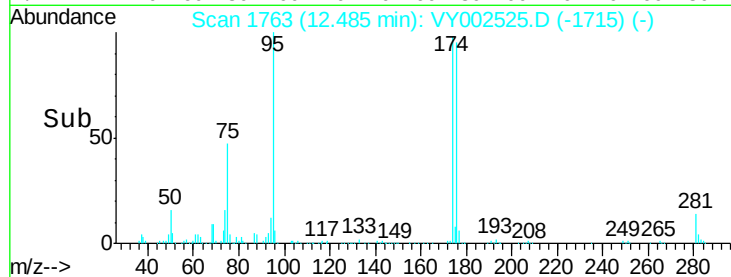
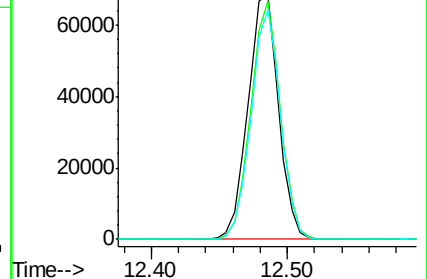
176 90.8 0.0 183.2



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: VY002525.D

Acq: 01 May 2020 13:37

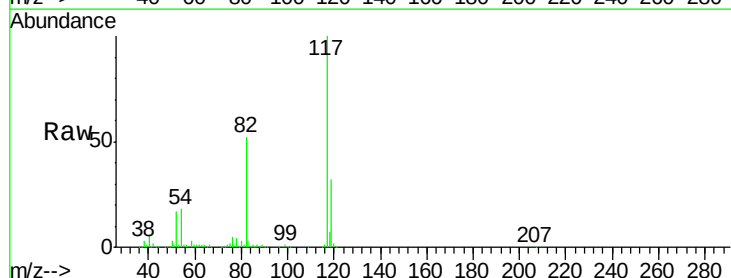
Tgt Ion: 117 Resp: 260819

Ion Ratio Lower Upper

117 100

82 51.6 41.3 61.9

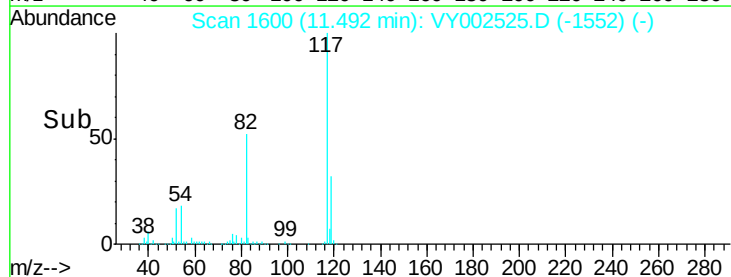
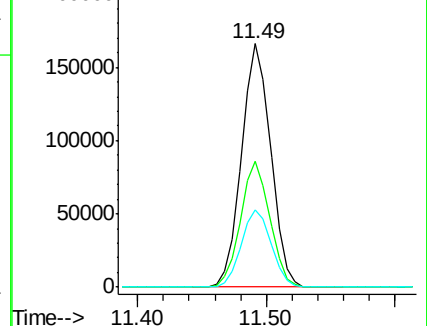
119 31.9 26.0 39.0

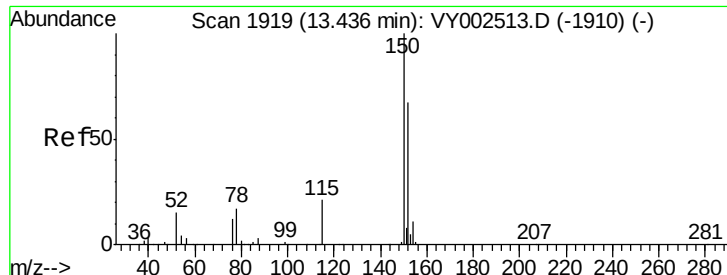


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

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

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



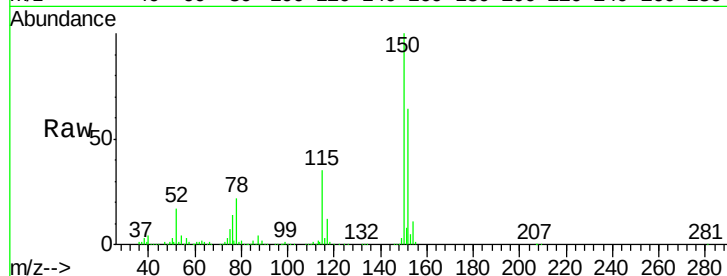


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002525.D
 Acq: 01 May 2020 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.5	82.4
150	157.6	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

