

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002046.D
 Acq On : 24 Mar 2020 13:34
 Operator : SY/MD
 Sample : L2020-02
 Misc : 6.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5TH-STREET-SUB

Quant Time: Mar 24 15:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

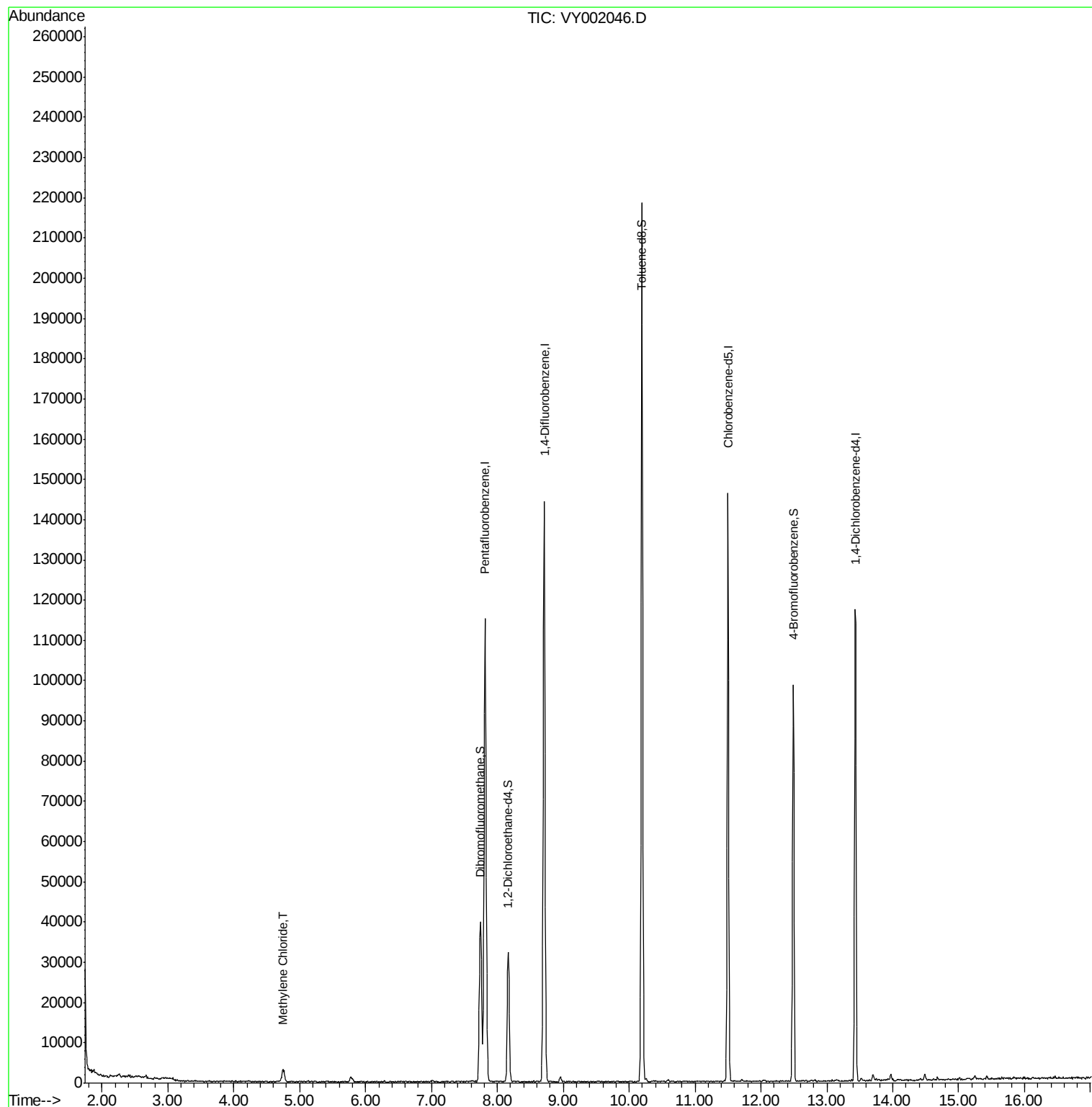
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	87335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	125236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	79317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	29088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	24037	25.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.56%	
35) Dibromofluoromethane	7.74	113	28822	42.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.30%	
50) Toluene-d8	10.19	98	138967	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.49	95	31490	31.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.82%	
Target Compounds						
20) Methylene Chloride	4.75	84	2106	1.810	ug/l	Qvalue 90

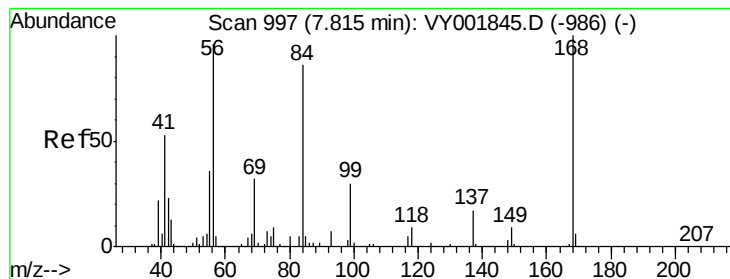
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

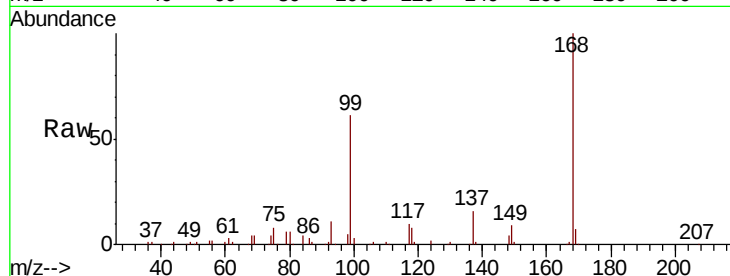
5TH-STREET-SUB

Tot Ion:168 Resp: 87335

Ion Ratio Lower Upper

168 100

99 61.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

40000

30000

20000

10000

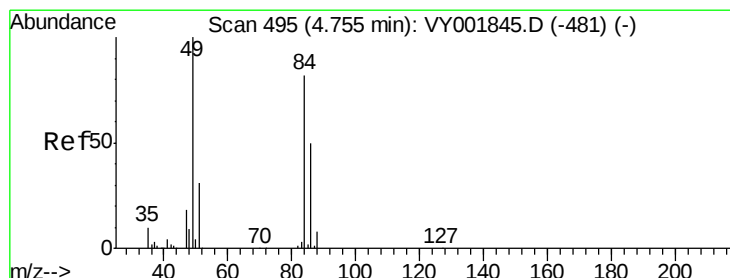
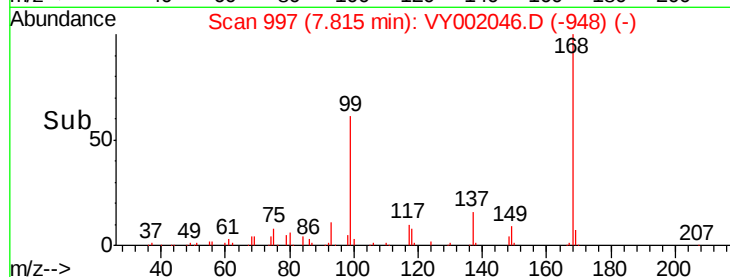
0

Time-->

7.70

7.80

7.90



#20

Methylene Chloride

Concen: 1.810 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Tgt Ion: 84 Resp: 2106

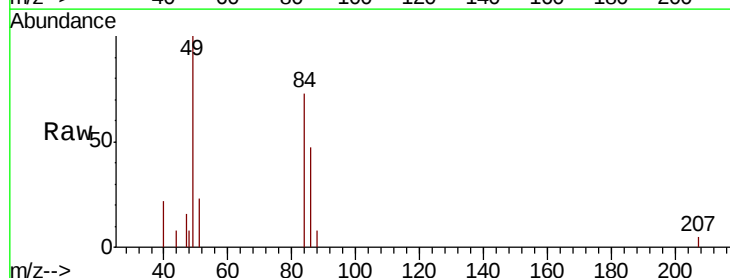
Ion Ratio Lower Upper

84 100

49 136.7 98.2 147.2

51 30.9 30.2 45.2

86 63.9 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

1500

1000

500

0

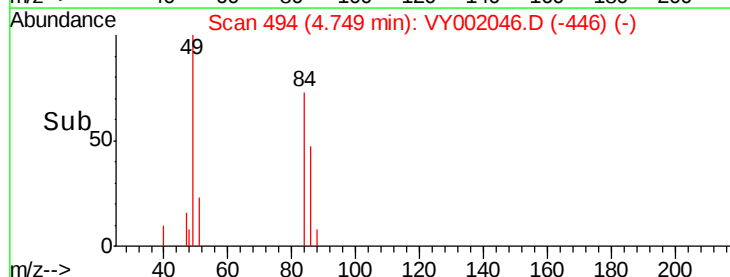
Time-->

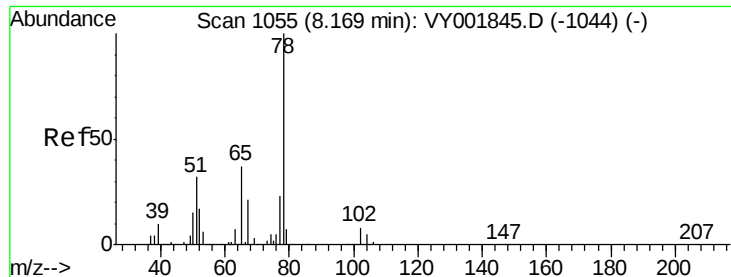
4.65

4.70

4.75

4.80





#33

1,2-Dichloroethane-d4

Concen: 25.781 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

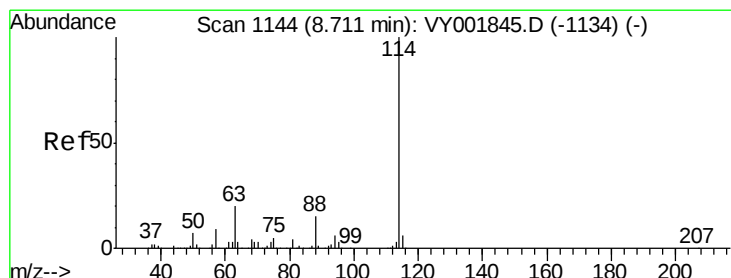
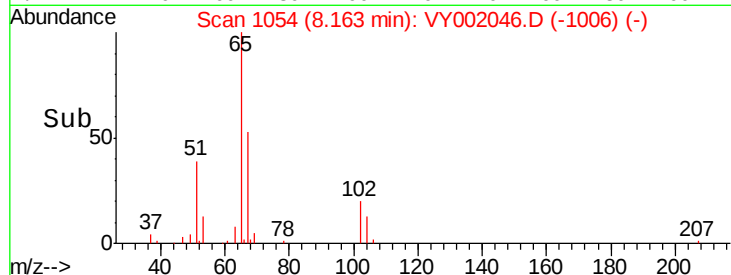
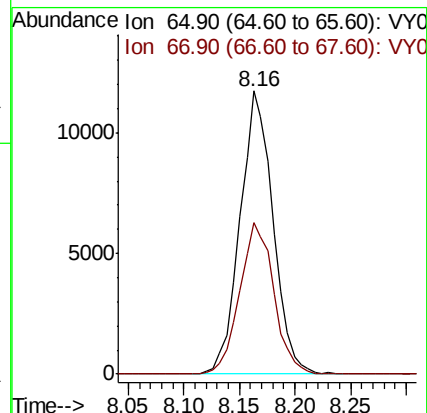
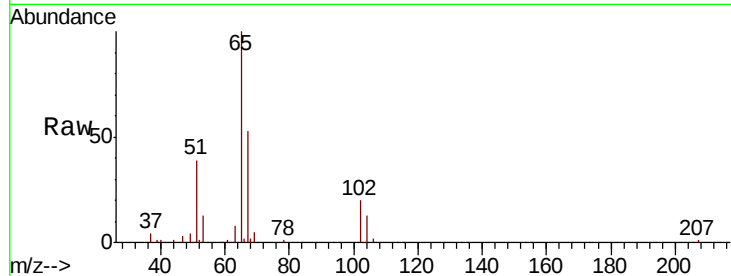
5TH-STREET-SUB

Tot Ion: 65 Resp: 24037

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

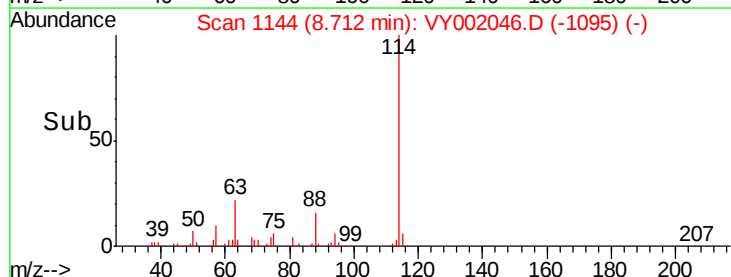
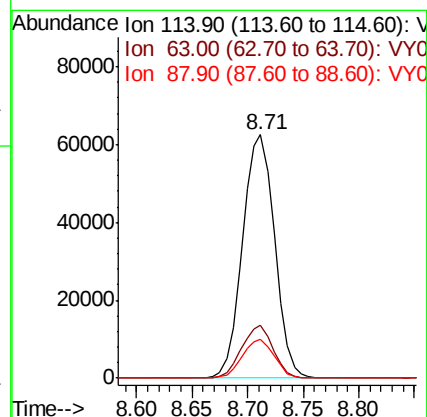
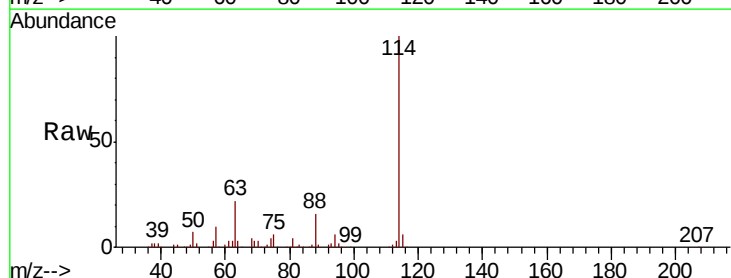
Tgt Ion: 114 Resp: 125236

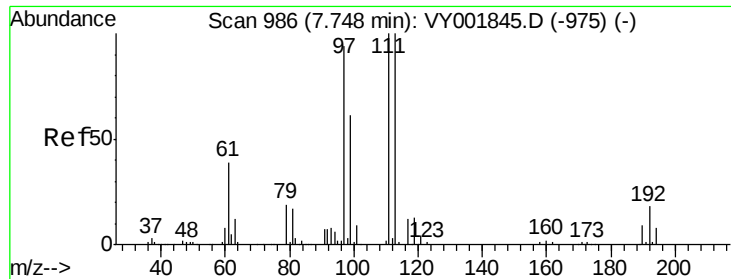
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.4

88 15.7 0.0 30.4

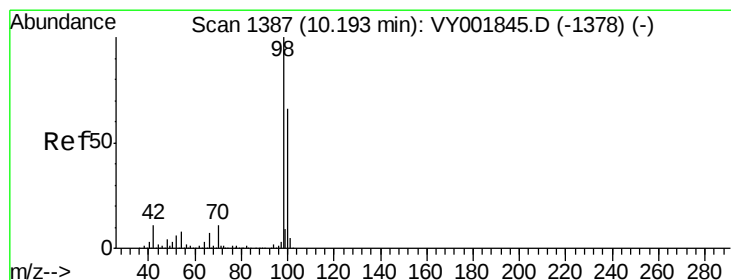
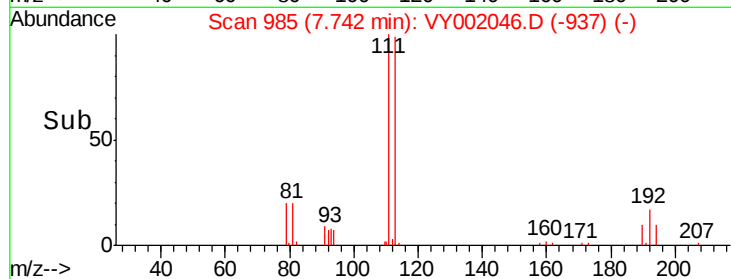
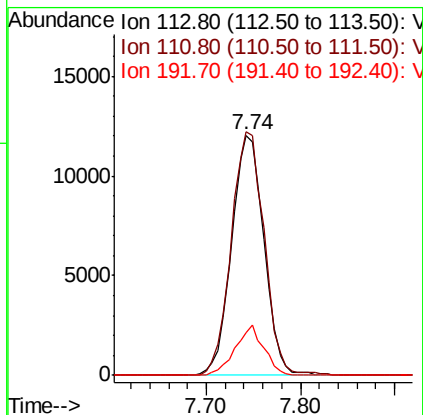
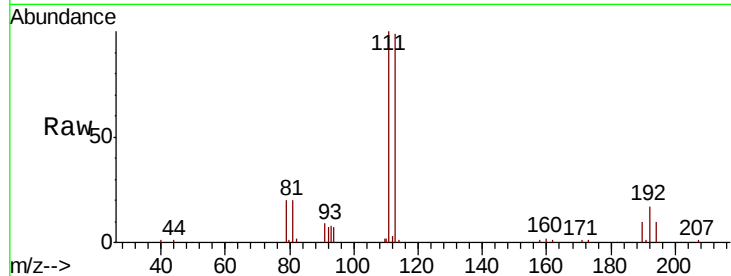




#35
 Dibromofluoromethane
 Concen: 42.147 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002046.D
 Acq: 24 Mar 2020 13:34

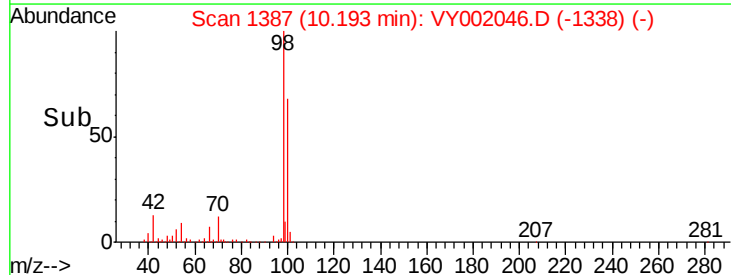
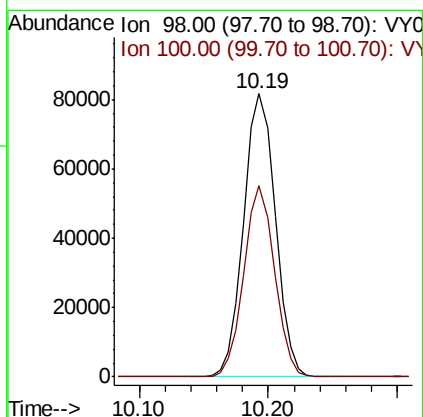
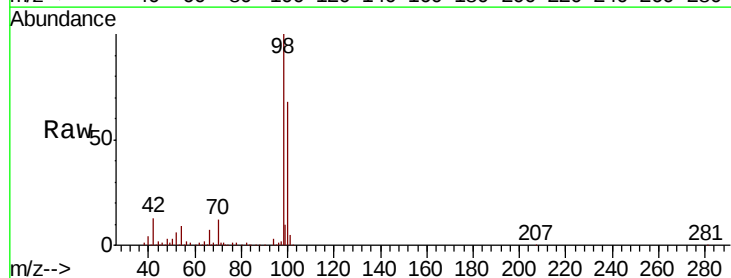
Instrument :
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 5TH-STREET-SUB

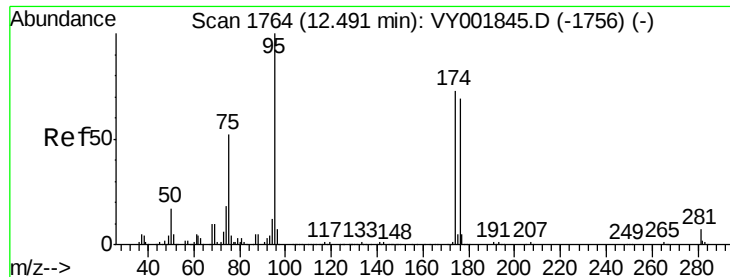
Tot Ion:113 Resp: 28822
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 18.5 14.2 21.2



#50
 Toluene-d8
 Concen: 48.191 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY002046.D
 Acq: 24 Mar 2020 13:34

Tgt Ion: 98 Resp: 138967
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 31.406 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUB

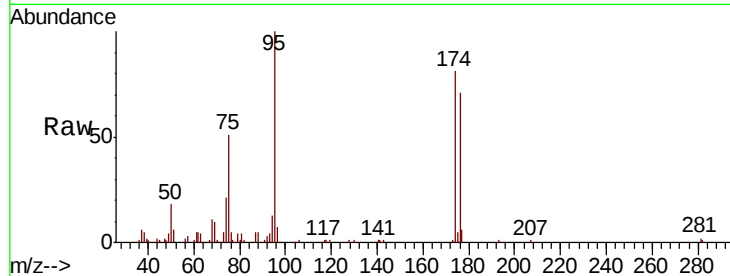
Tot Ion: 95 Resp: 31490

Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.0

176 69.7 0.0 137.4



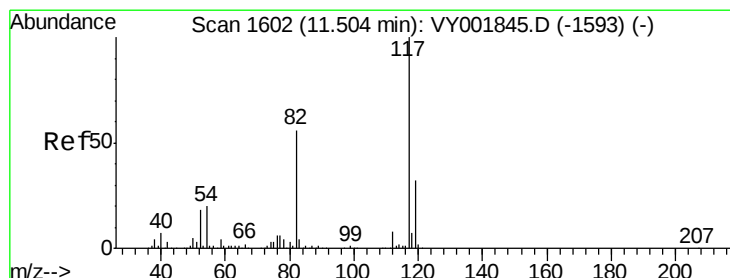
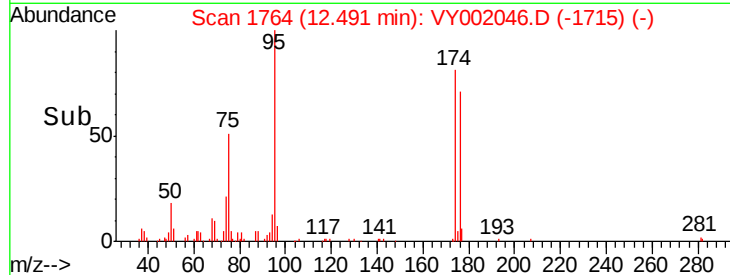
Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

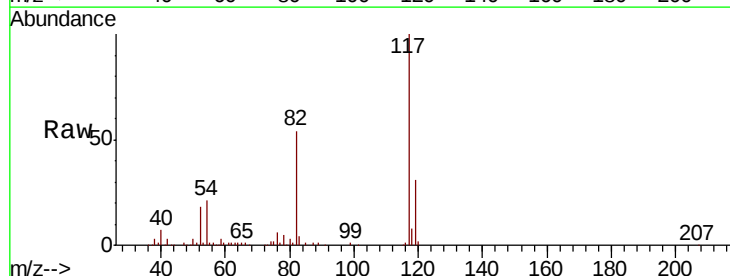
Tgt Ion: 117 Resp: 79317

Ion Ratio Lower Upper

117 100

82 53.6 44.5 66.7

119 30.9 25.7 38.5



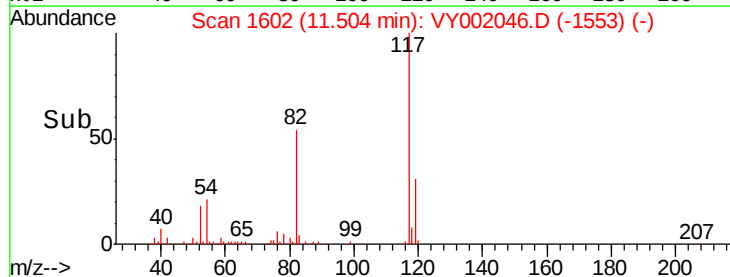
Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)

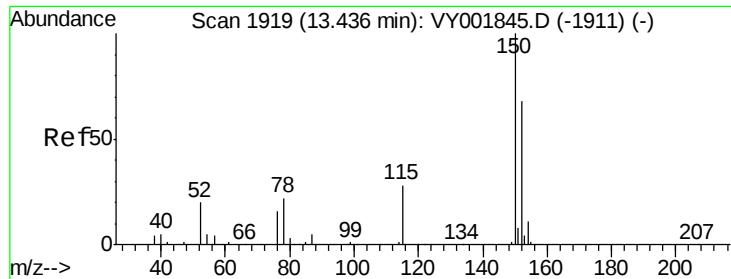
Ion 82.00 (81.70 to 82.70): VY001845.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001845.D (-1593) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUB

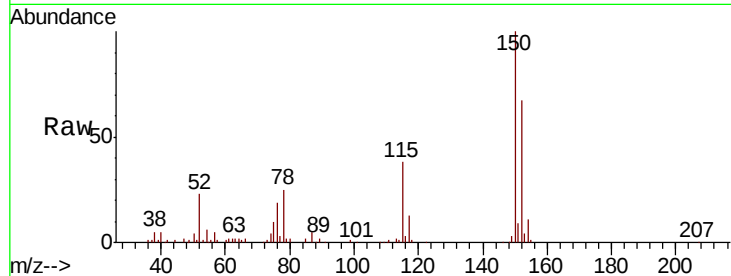
Tot Ion:152 Resp: 29088

Ion Ratio Lower Upper

152 100

115 62.6 29.9 89.7

150 157.5 0.0 340.6



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

