

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003093.D
 Acq On : 02 Jul 2020 18:22
 Operator : SY/MD
 Sample : L3211-01
 Misc : 7.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1_11-11.5

Quant Time: Jul 03 04:21:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

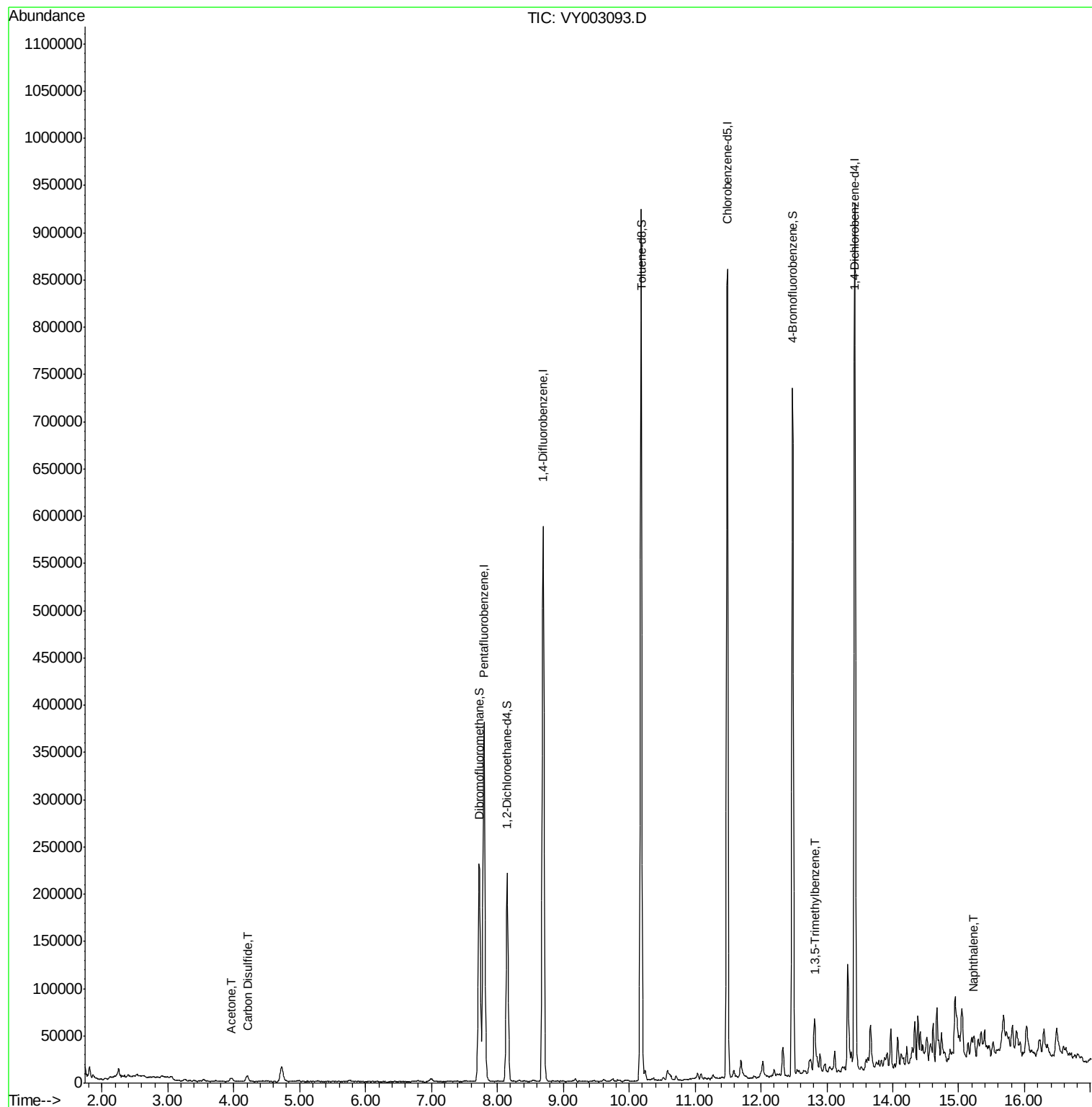
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	309448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	506162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	479850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	170537	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
35) Dibromofluoromethane	7.72	113	160912	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.18	98	597832	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.48	95	212243	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
Target Compounds						
16) Acetone	3.96	43	6756	9.320	ug/l	96
17) Carbon Disulfide	4.21	76	12367	1.442	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	25071	1.939	ug/l	100
95) Naphthalene	15.23	128	10353	1.153	ug/l #	85

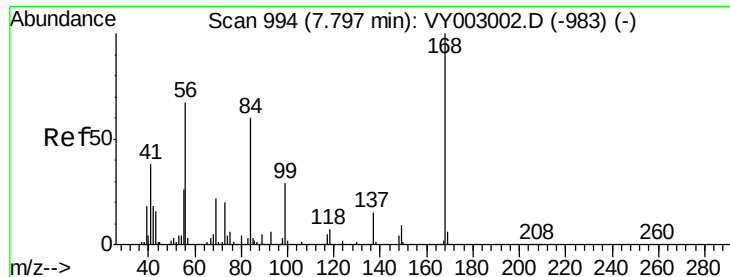
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

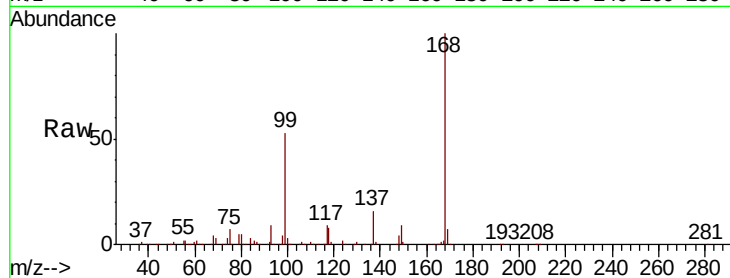
SB-1_11-11.5

Tot Ion:168 Resp: 309448

Ion Ratio Lower Upper

168 100

99 52.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003093.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003093.D (-945) (-)

7.80

150000

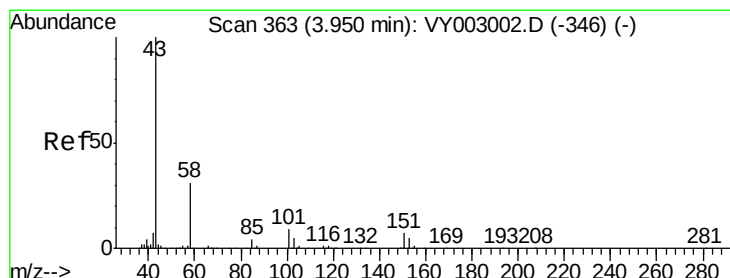
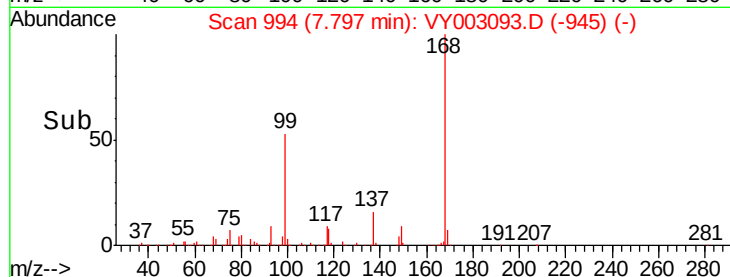
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 9.320 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003093.D

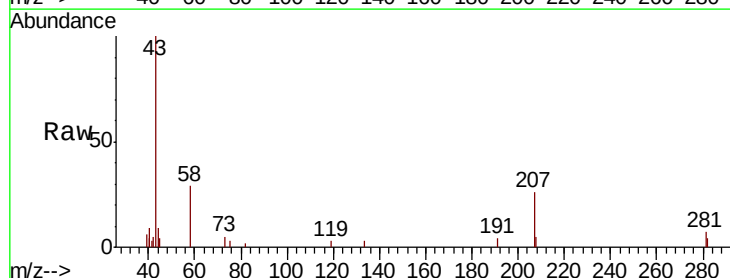
Acq: 02 Jul 2020 18:22

Tgt Ion: 43 Resp: 6756

Ion Ratio Lower Upper

43 100

58 29.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003093.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003093.D (-314) (-)

3.96

2500

2000

1500

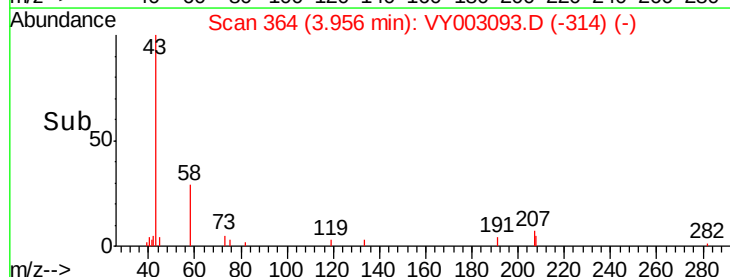
1000

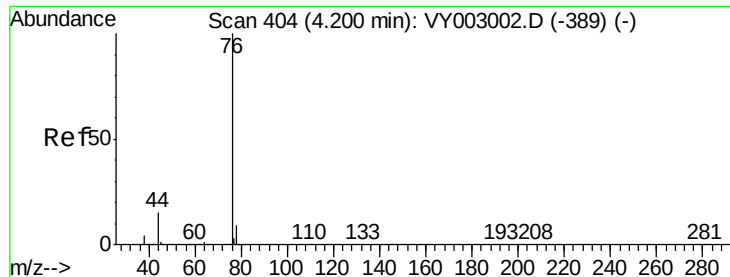
500

0

3.90 4.00 4.10

Time-->





#17

Carbon Disulfide

Concen: 1.442 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

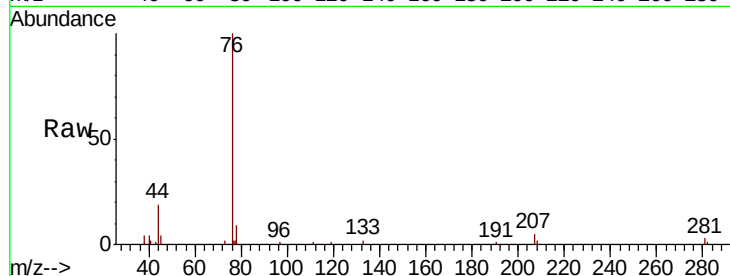
SB-1 11-11.5

Tot Ion: 76 Resp: 12367

Ion Ratio Lower Upper

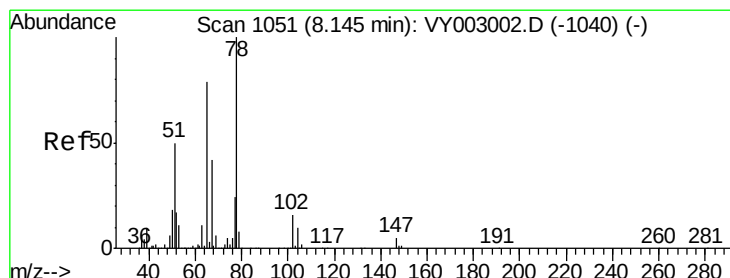
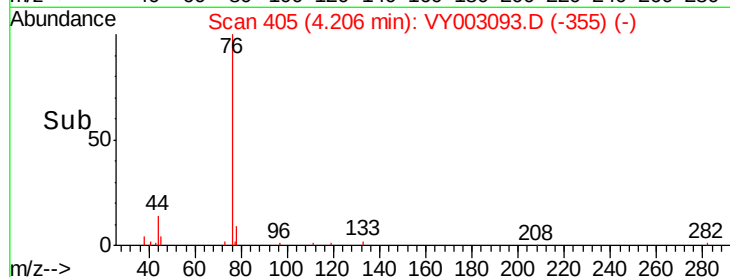
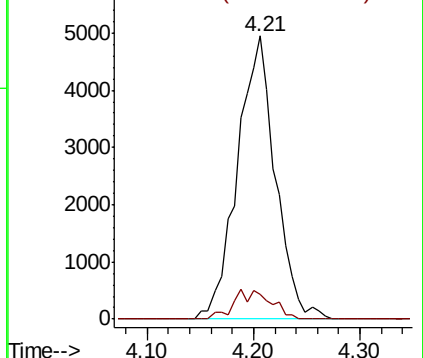
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.487 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003093.D

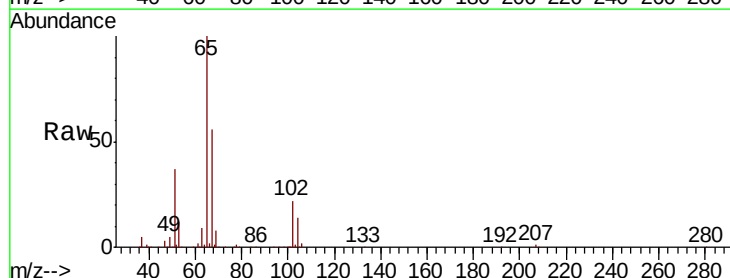
Acq: 02 Jul 2020 18:22

Tgt Ion: 65 Resp: 170537

Ion Ratio Lower Upper

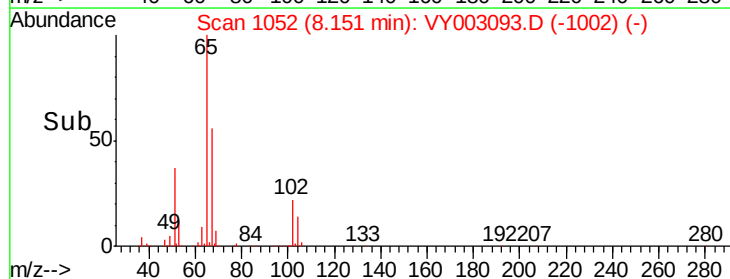
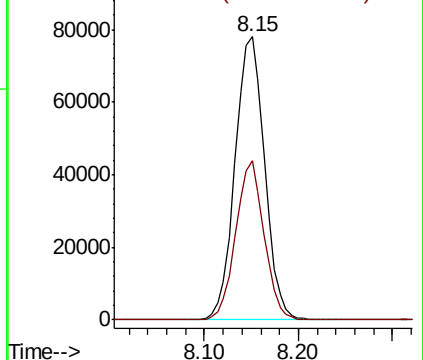
65 100

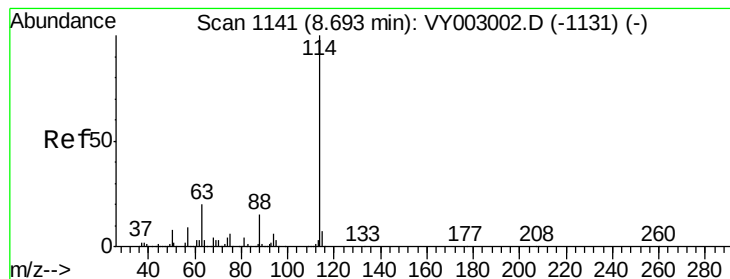
67 53.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-1_11-11.5

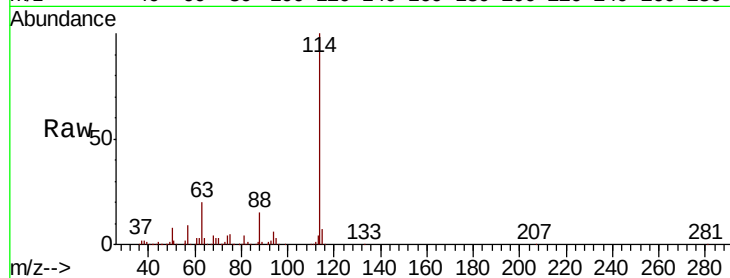
Tot Ion:114 Resp: 506162

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

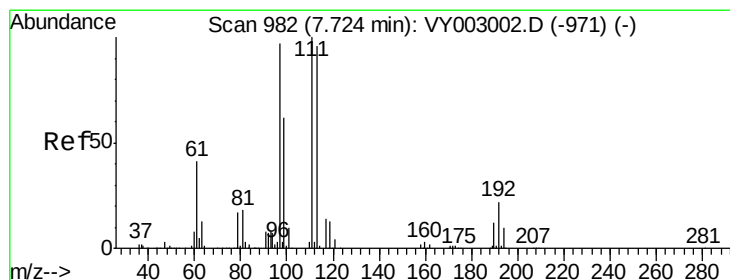
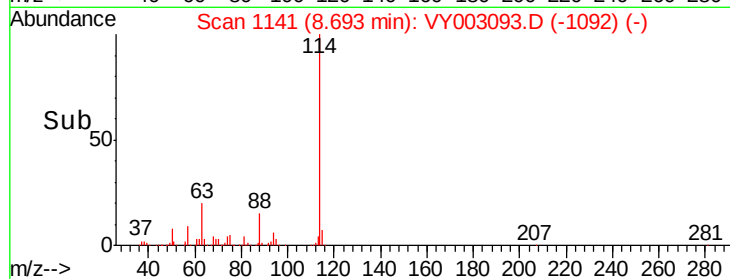
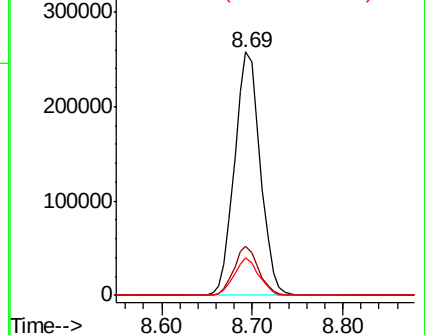
88 15.4 0.0 30.0



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: 50.961 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

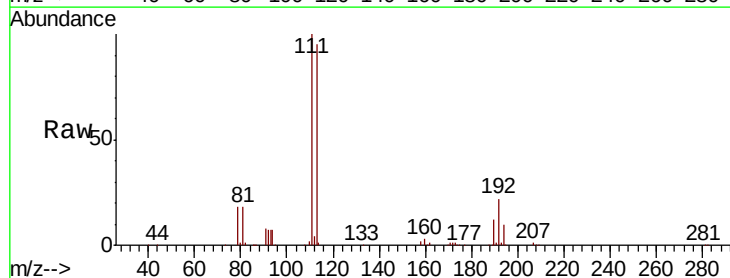
Tgt Ion:113 Resp: 160912

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

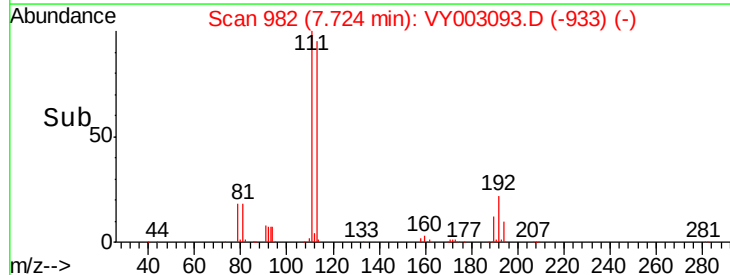
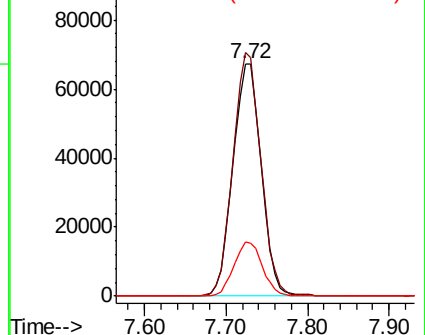
192 23.3 18.1 27.1

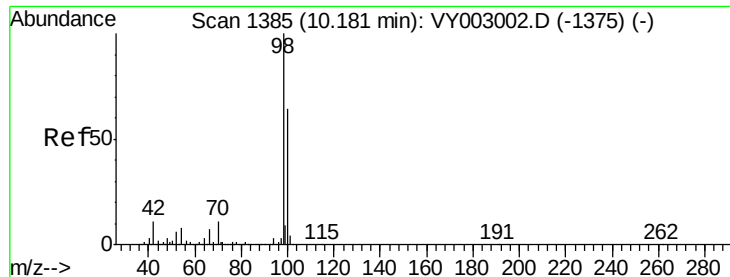


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.822 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

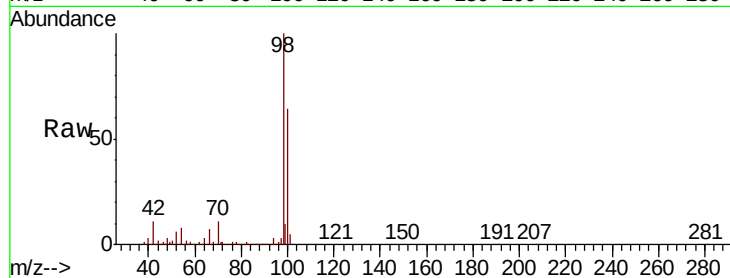
SB-1_11-11.5

Tot Ion: 98 Resp: 597832

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

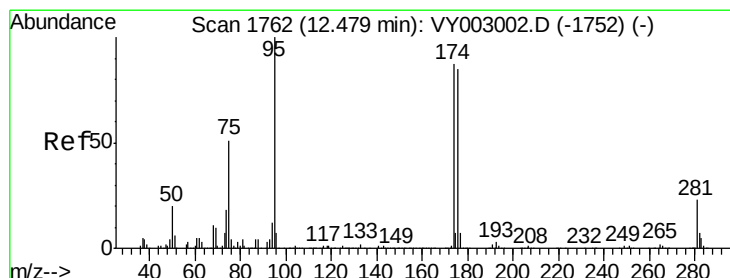
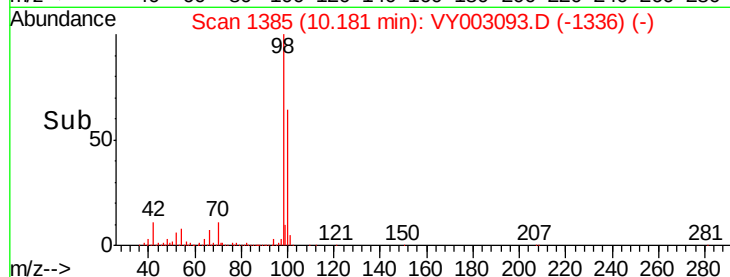
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.258 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

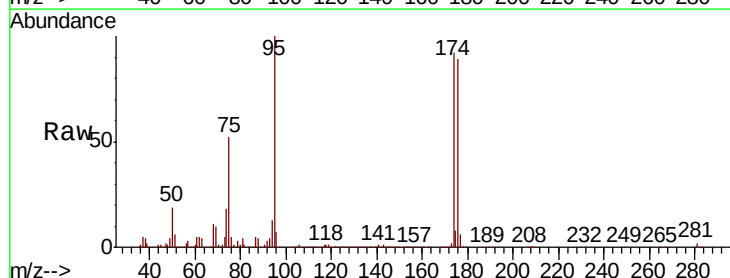
Tgt Ion: 95 Resp: 212243

Ion Ratio Lower Upper

95 100

174 94.5 0.0 184.8

176 92.7 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

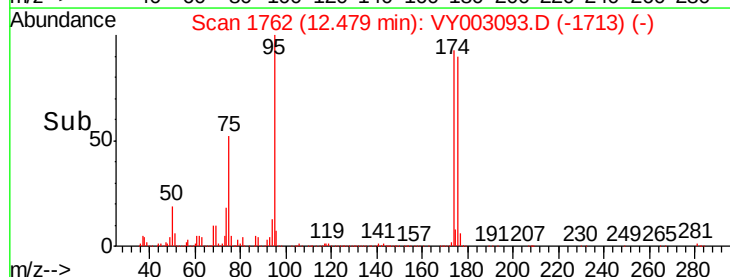
150000

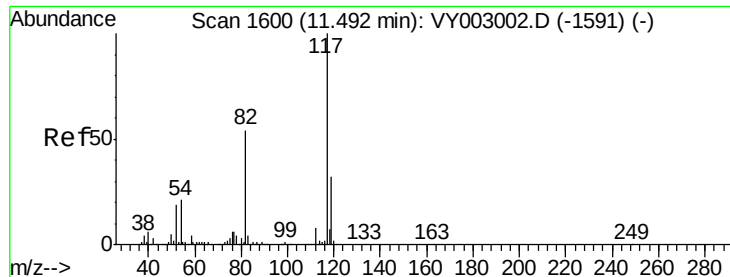
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-1_11-11.5

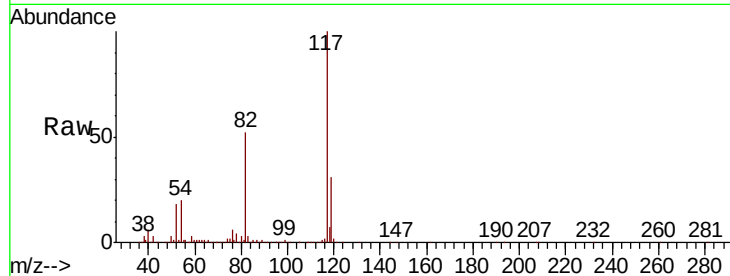
Tot Ion:117 Resp: 479850

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.6

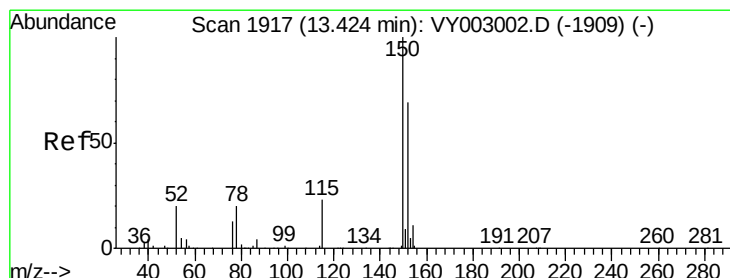
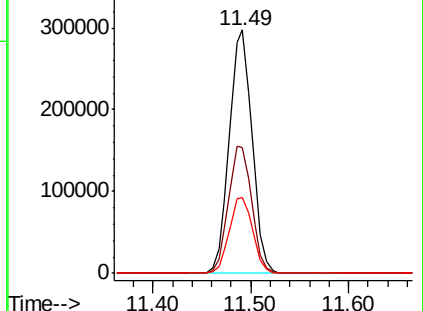
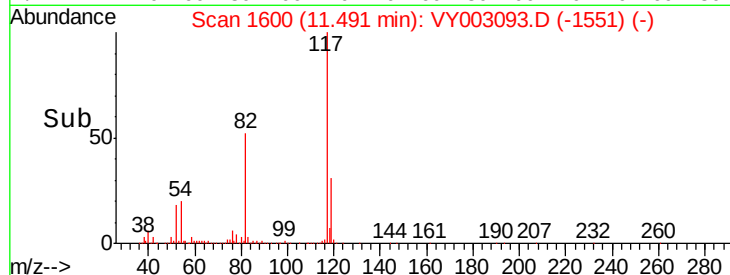
119 30.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

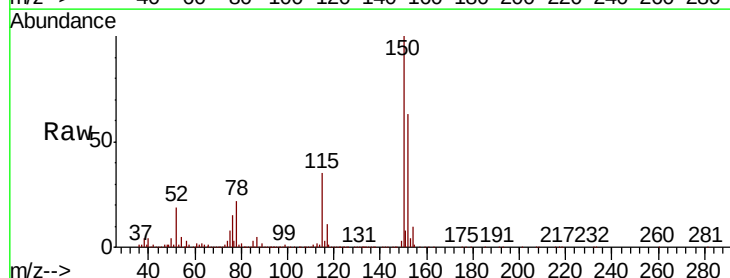
Tgt Ion:152 Resp: 235421

Ion Ratio Lower Upper

152 100

115 54.5 27.3 81.9

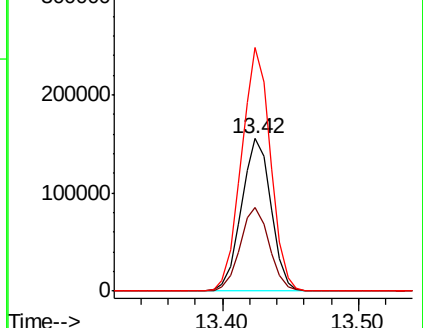
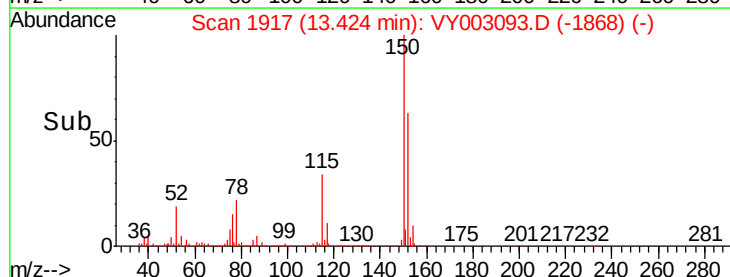
150 157.2 0.0 343.4

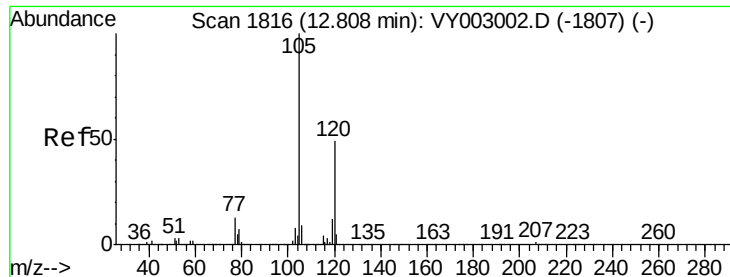


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.939 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

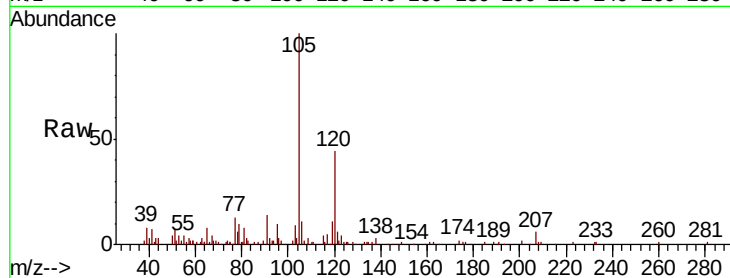
SB-1_11-11.5

Tot Ion:105 Resp: 25071

Ion Ratio Lower Upper

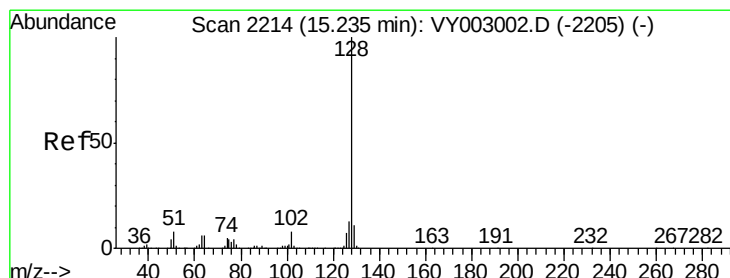
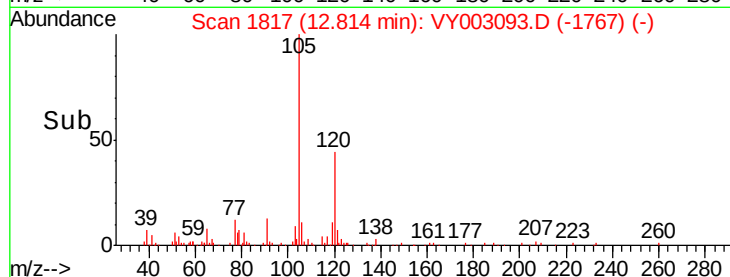
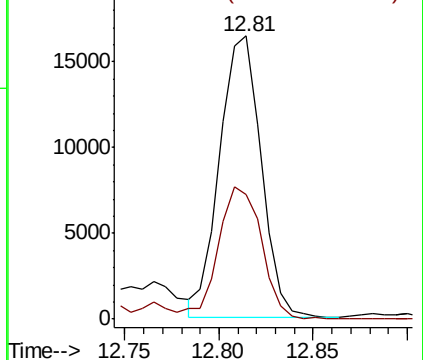
105 100

120 49.2 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.153 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003093.D

Acq: 02 Jul 2020 18:22

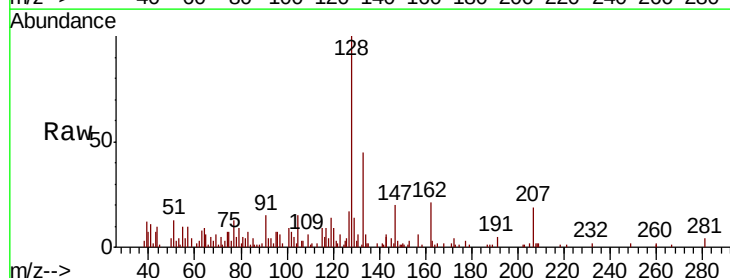
Tgt Ion:128 Resp: 10353

Ion Ratio Lower Upper

128 100

127 14.9 10.8 16.2

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

