

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003130.D
 Acq On : 07 Jul 2020 16:38
 Operator : SY/MD
 Sample : L3217-05RE
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-BOILER-ROOMRE

Quant Time: Jul 08 05:34:48 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

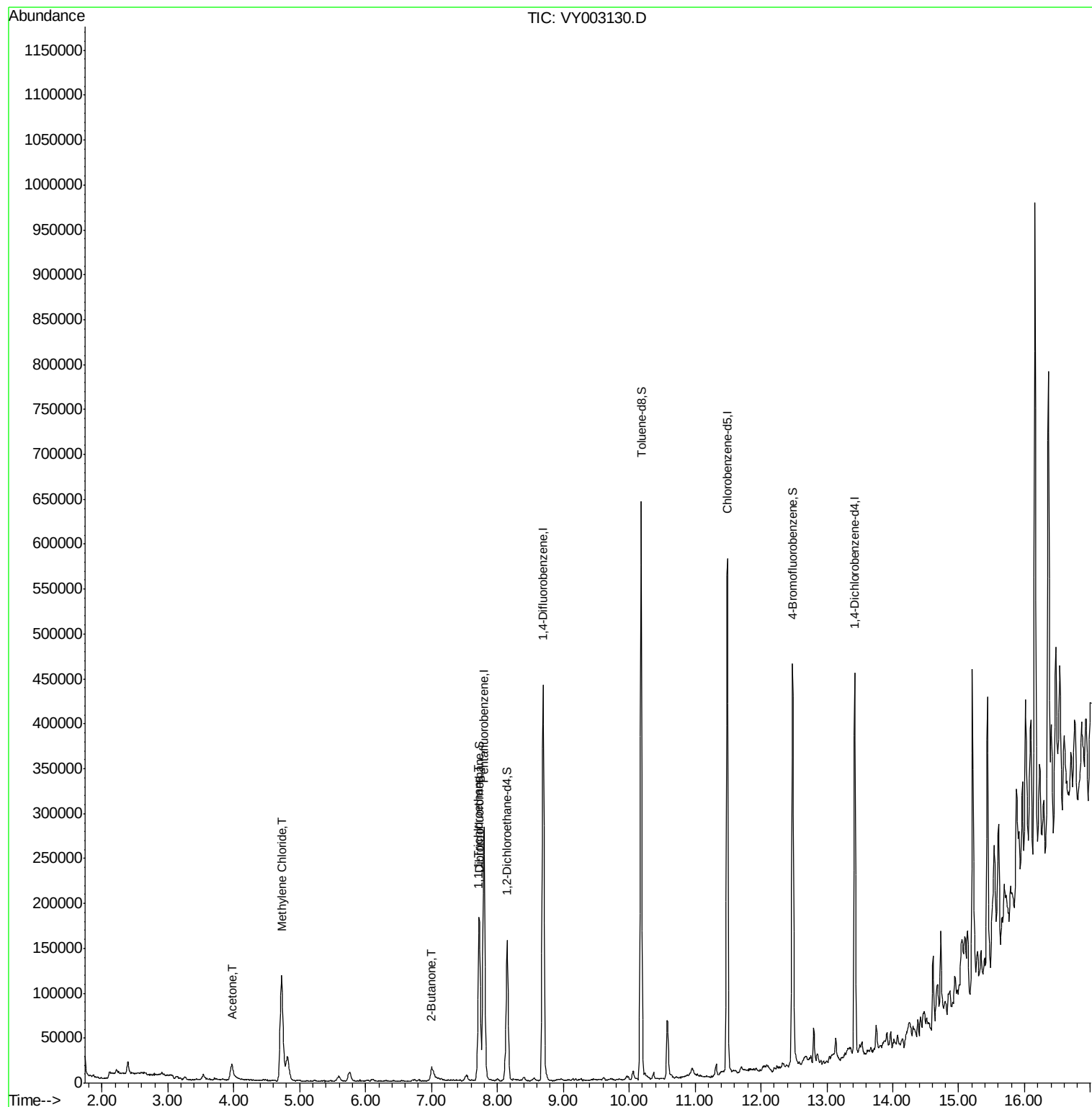
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	368376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	316905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	110554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121018	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.72	113	124137	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.18	98	423049	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.48	95	121793	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
Target Compounds						
16) Acetone	3.97	43	37141	69.163	ug/l	95
20) Methylene Chloride	4.72	84	91619	36.327	ug/l	90
25) 2-Butanone	7.00	43	17083	20.026	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	10152	2.762	ug/l	97

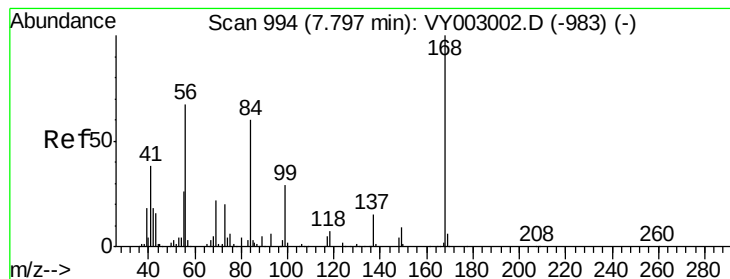
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003130.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

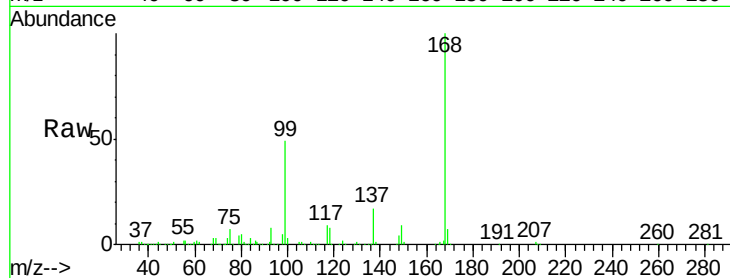
E3-41-BOILER-ROOMRE

Tot Ion:168 Resp: 229251

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003130.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003130.D (-945) (-)

7.80

100000

80000

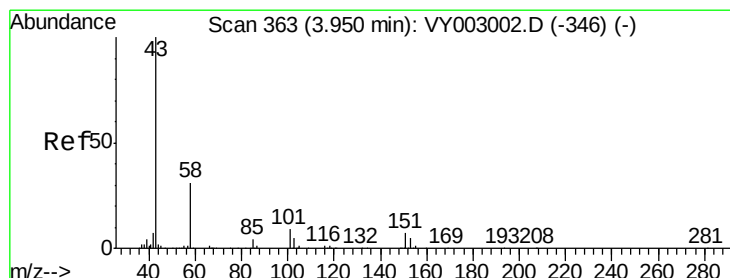
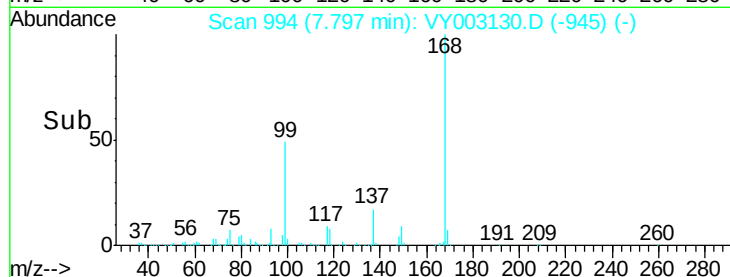
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 69.163 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY003130.D

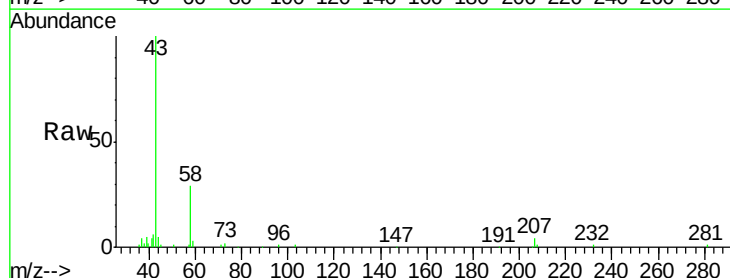
Acq: 07 Jul 2020 16:38

Tgt Ion: 43 Resp: 37141

Ion Ratio Lower Upper

43 100

58 27.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003130.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003130.D (-314) (-)

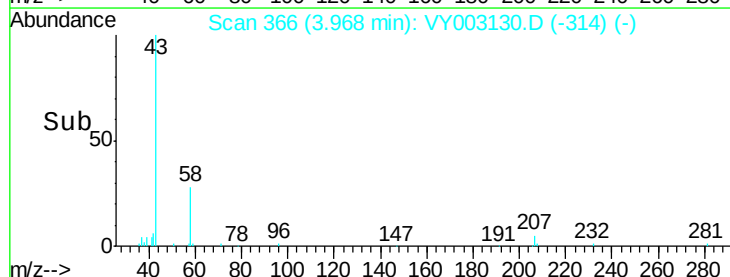
3.97

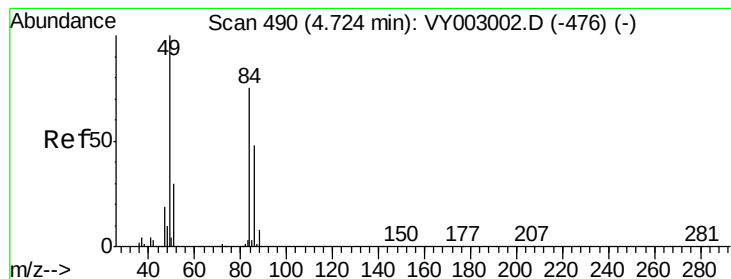
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 36.327 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003130.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-BOILER-ROOMRE

Tot Ion: 84 Resp: 91619

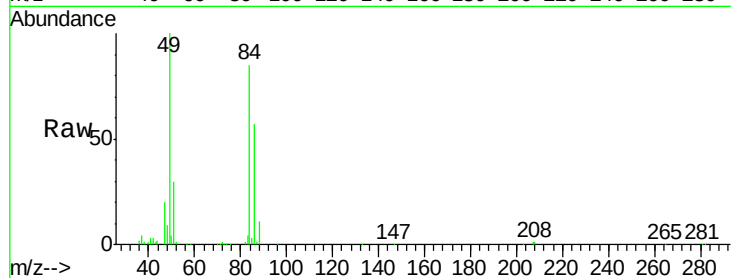
Ion Ratio Lower Upper

84 100

49 118.0 106.8 160.2

51 35.2 32.0 48.0

86 67.0 51.4 77.2



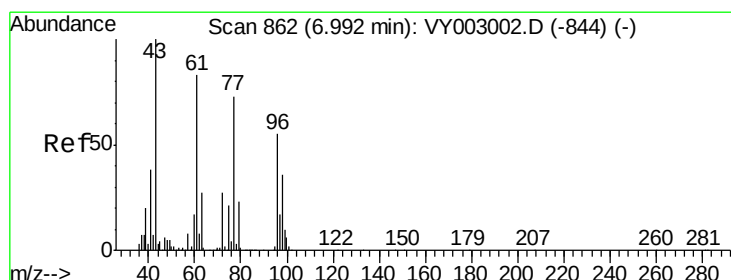
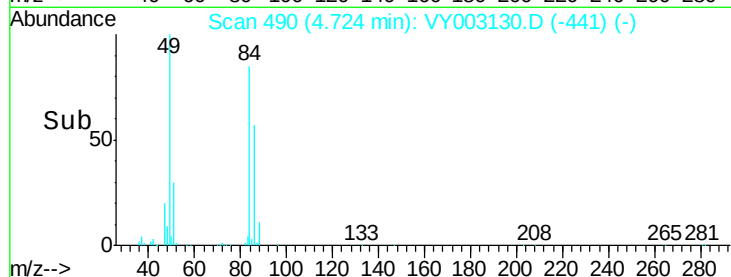
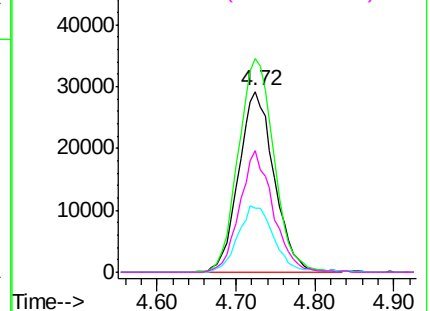
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25

2-Butanone

Concen: 20.026 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003130.D

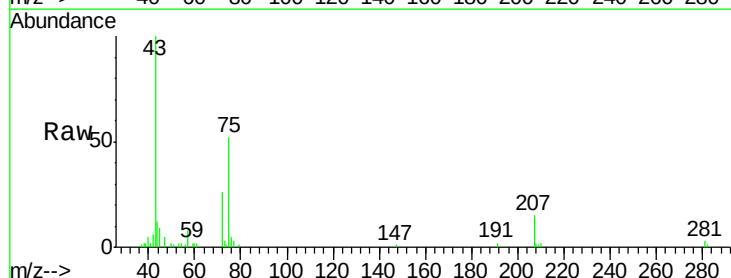
Acq: 07 Jul 2020 16:38

Tgt Ion: 43 Resp: 17083

Ion Ratio Lower Upper

43 100

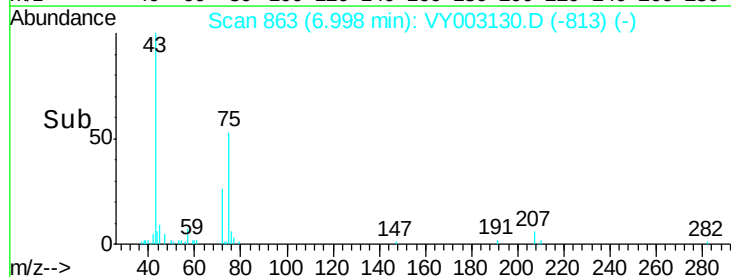
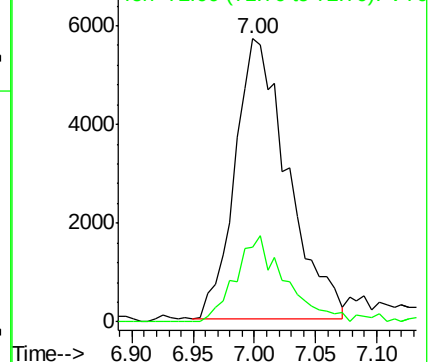
72 26.5 21.4 32.0

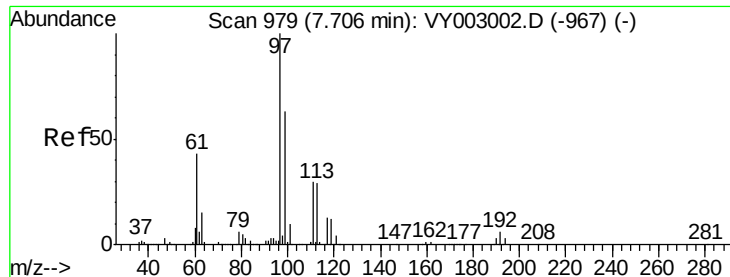


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#32

1,1,1-Trichloroethane

Concen: 2.762 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003130.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-BOILER-ROOMRE

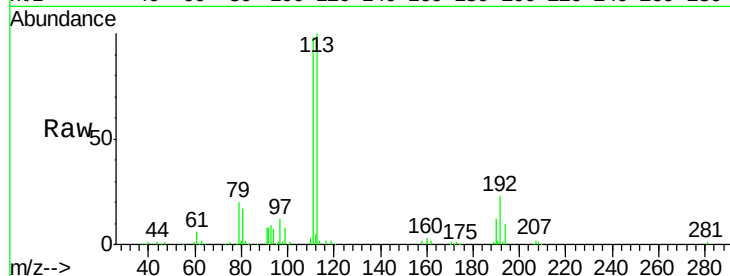
Tot Ion: 97 Resp: 10152

Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.2

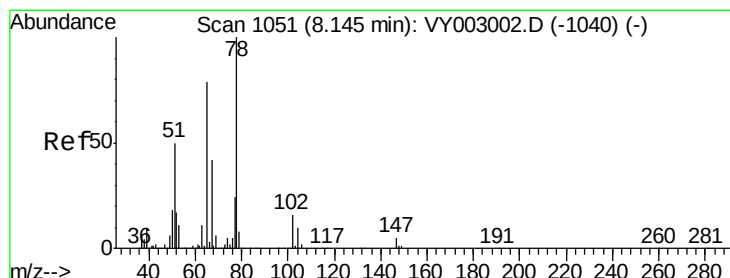
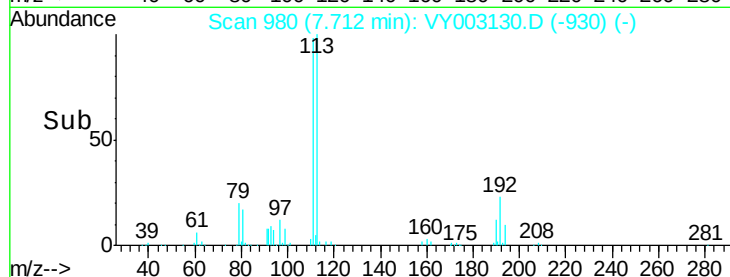
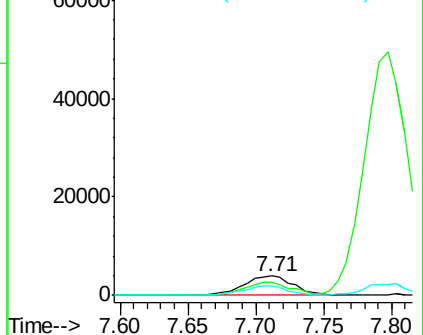
61 45.6 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.150 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003130.D

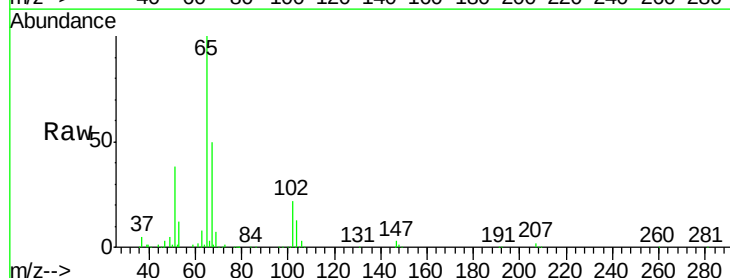
Acq: 07 Jul 2020 16:38

Tgt Ion: 65 Resp: 121018

Ion Ratio Lower Upper

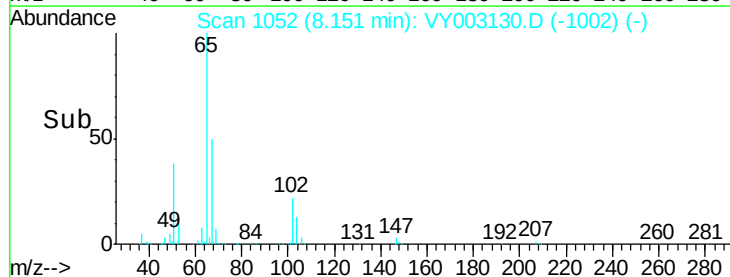
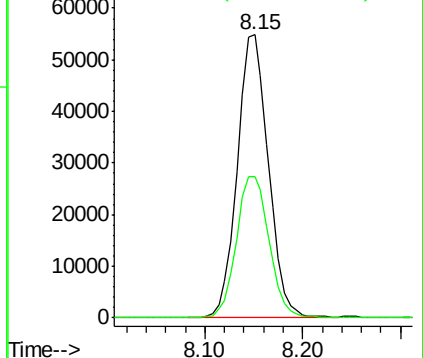
65 100

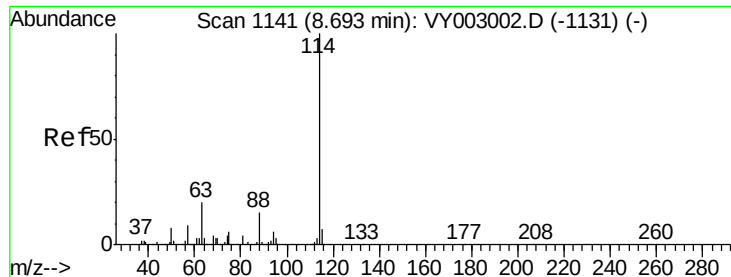
67 52.5 0.0 105.6



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: VY003130.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-BOILER-ROOMRE

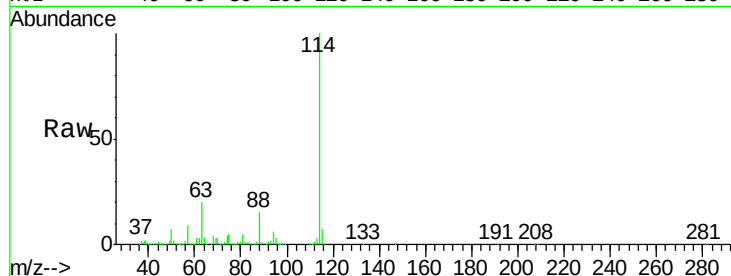
Tot Ion:114 Resp: 368376

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

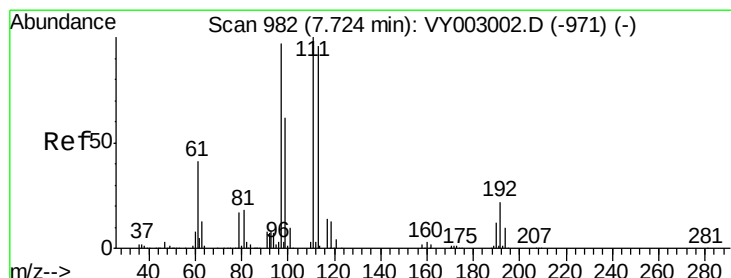
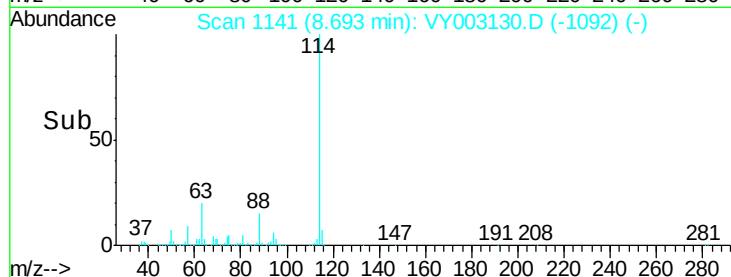
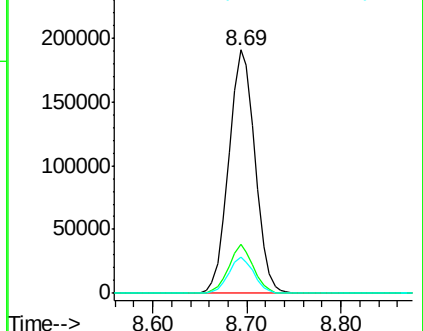
88 14.9 0.0 30.0



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: 54.020 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003130.D

Acq: 07 Jul 2020 16:38

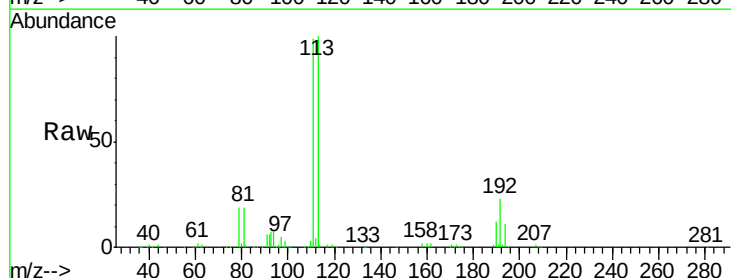
Tgt Ion:113 Resp: 124137

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

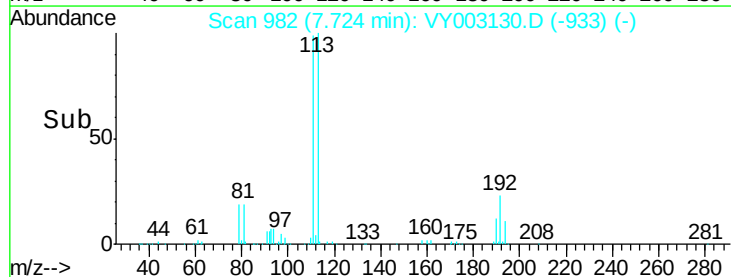
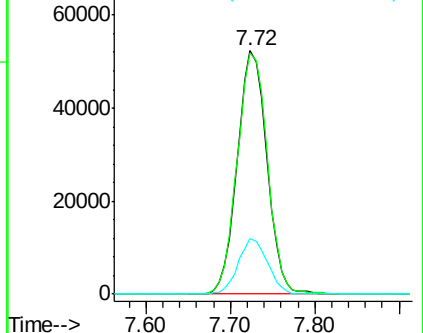
192 22.6 18.1 27.1

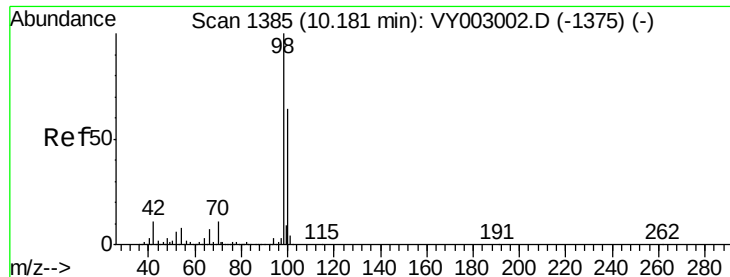


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.416 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003130.D

Acq: 07 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

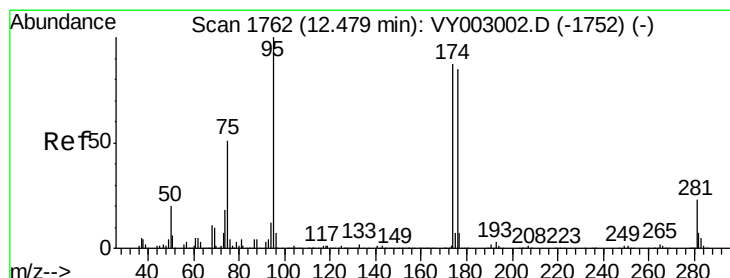
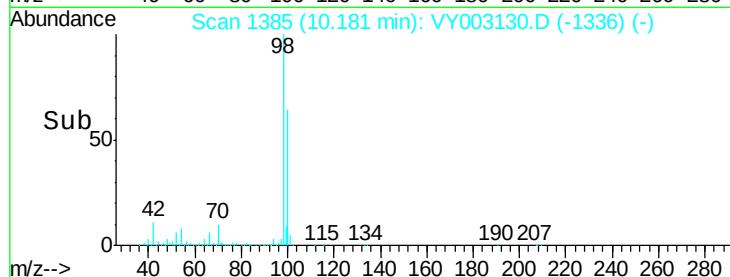
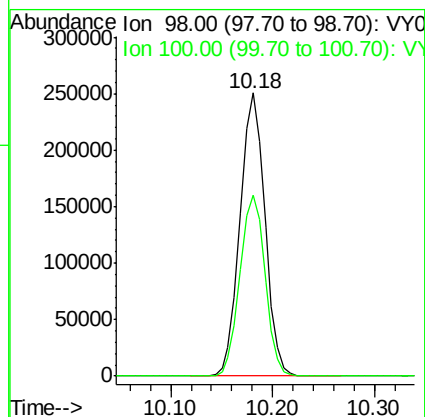
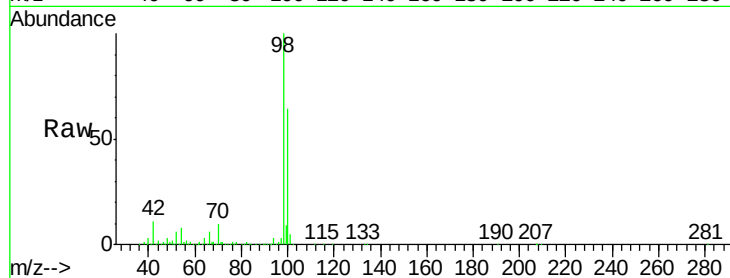
E3-41-BOILER-ROOMRE

Tot Ion: 98 Resp: 423049

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 40.416 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003130.D

Acq: 07 Jul 2020 16:38

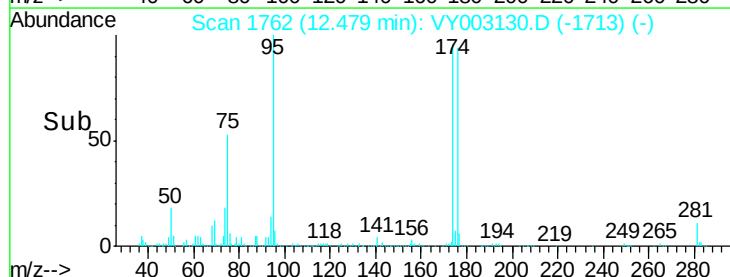
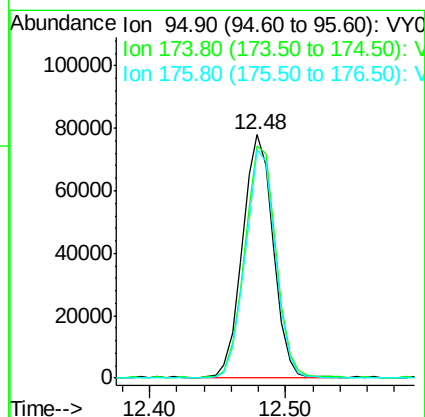
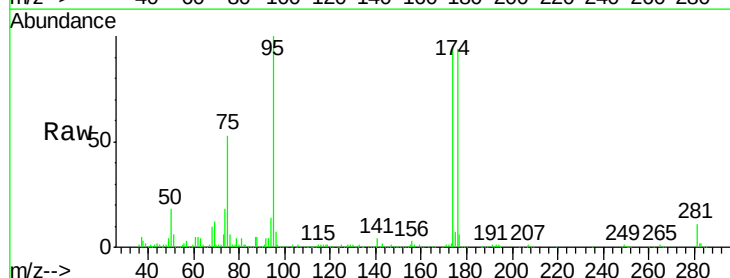
Tgt Ion: 95 Resp: 121793

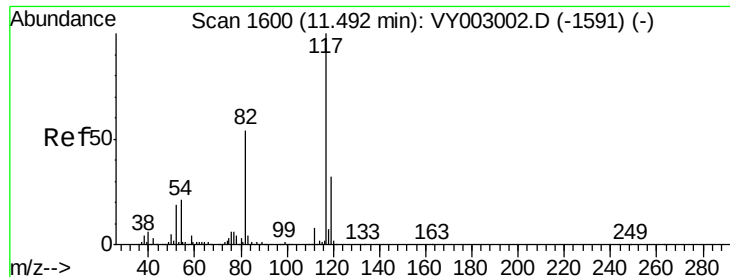
Ion Ratio Lower Upper

95 100

174 99.1 0.0 184.8

176 93.0 0.0 183.0

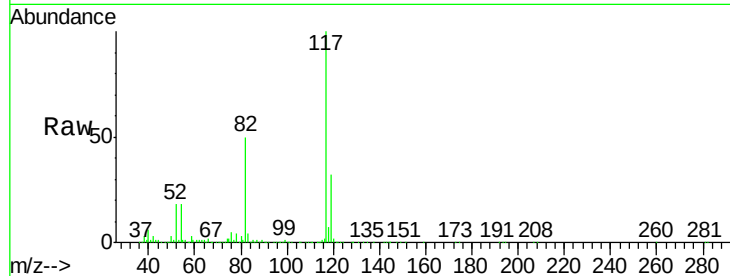




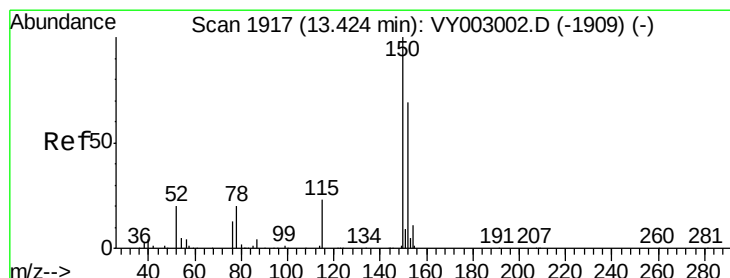
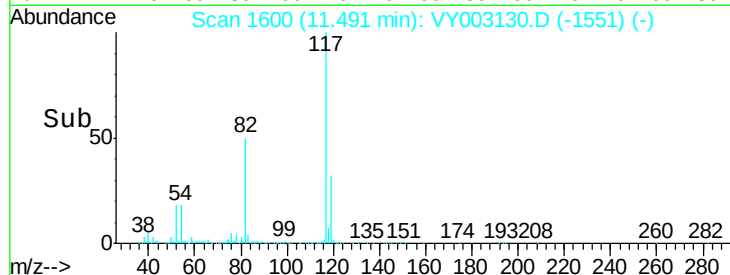
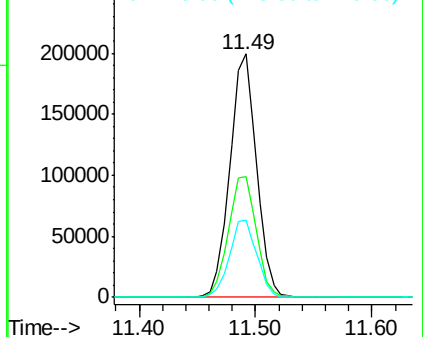
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003130.D
Acq: 07 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOMRE

Tot Ion:117 Resp: 316905
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.6
119 31.9 25.8 38.8

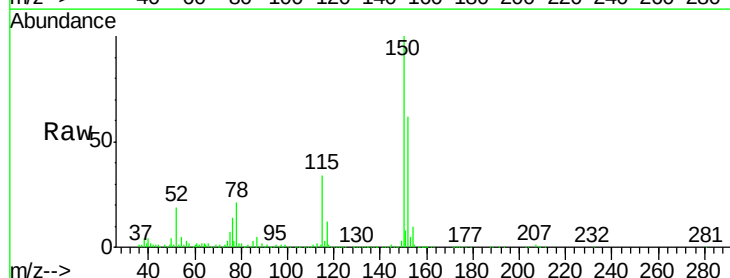


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003130.D
Acq: 07 Jul 2020 16:38

Tgt Ion:152 Resp: 110554
Ion Ratio Lower Upper
152 100
115 53.2 27.3 81.9
150 156.9 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

