

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002866.D
 Acq On : 09 Jun 2020 12:09
 Operator : SY/MD
 Sample : L2950-01
 Misc : 10.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

Quant Time: Jun 10 05:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

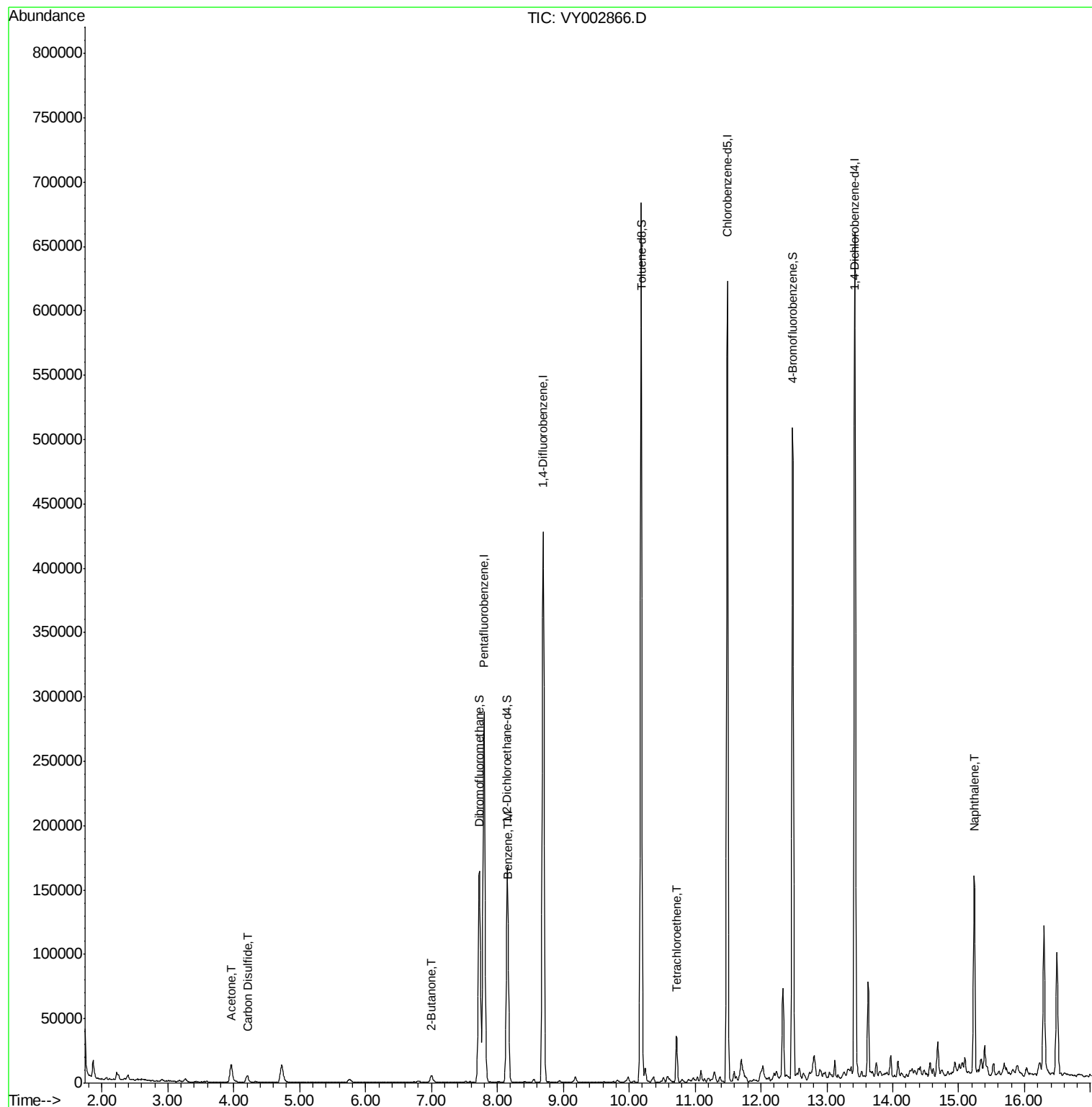
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	243596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	388483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117708	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	7.73	113	117639	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	10.18	98	457038	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.48	95	152969	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
Target Compounds						
16) Acetone	3.96	43	24385	49.167	ug/l	99
17) Carbon Disulfide	4.21	76	10558	1.686	ug/l	100
25) 2-Butanone	7.00	43	7507	9.715	ug/l	99
40) Benzene	8.17	78	27251	2.818	ug/l	97
64) Tetrachloroethene	10.72	164	8153	2.501	ug/l	97
95) Naphthalene	15.23	128	131056	17.127	ug/l	99

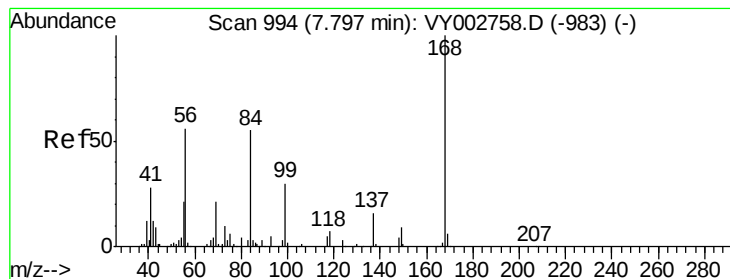
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 13:13:33 2020
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: VY002866.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

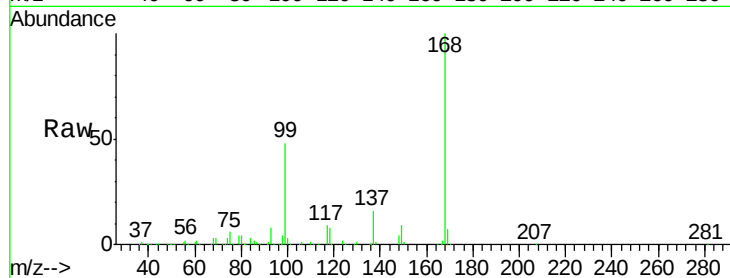
72-11939

Tot Ion:168 Resp: 243596

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

120000

100000

80000

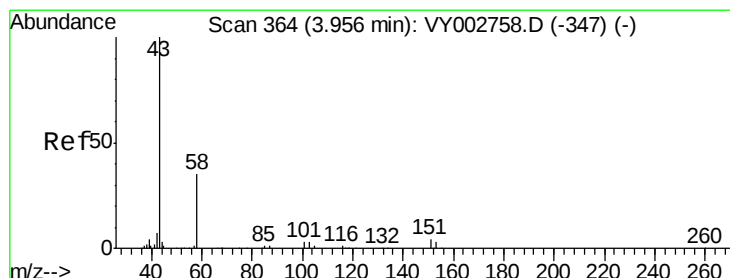
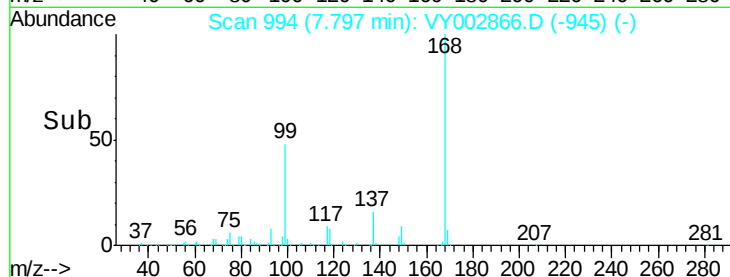
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 49.167 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002866.D

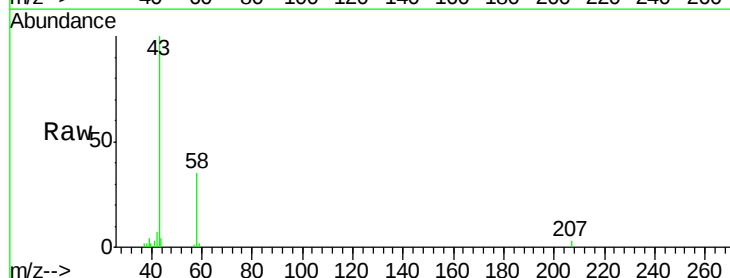
Acq: 09 Jun 2020 12:09

Tgt Ion: 43 Resp: 24385

Ion Ratio Lower Upper

43 100

58 35.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.96

10000

8000

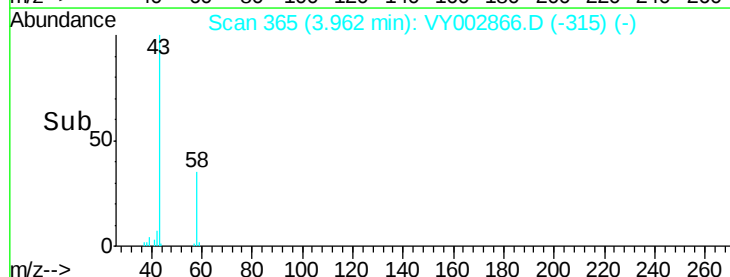
6000

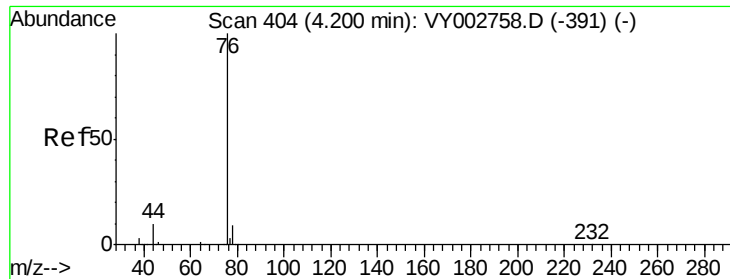
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.686 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY002866.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

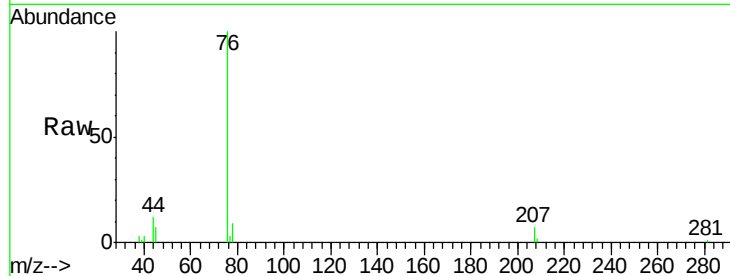
72-11939

Tot Ion: 76 Resp: 10558

Ion Ratio Lower Upper

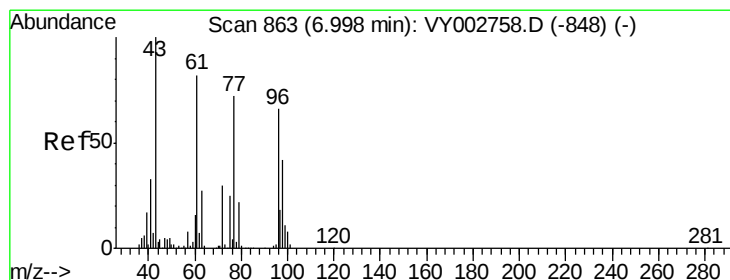
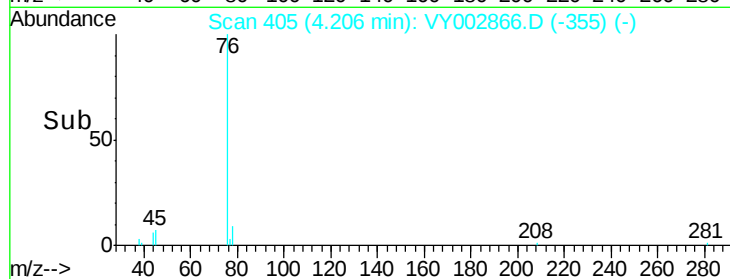
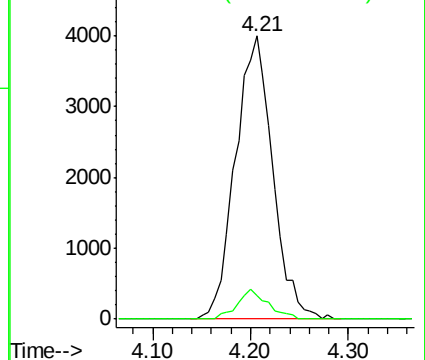
76 100

78 8.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 9.715 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002866.D

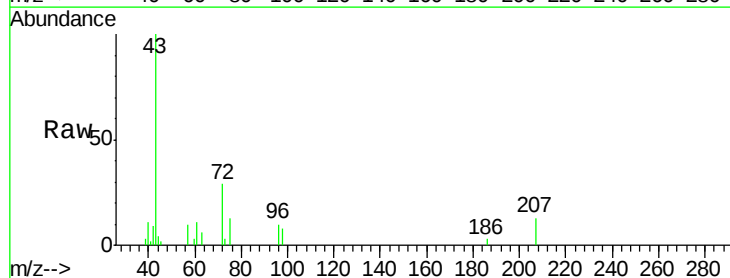
Acq: 09 Jun 2020 12:09

Tgt Ion: 43 Resp: 7507

Ion Ratio Lower Upper

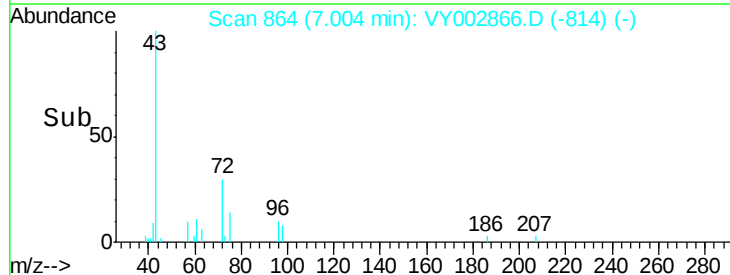
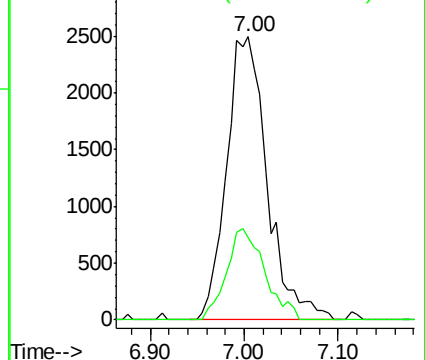
43 100

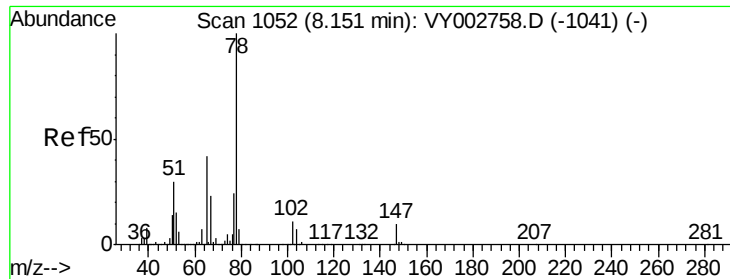
72 29.2 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

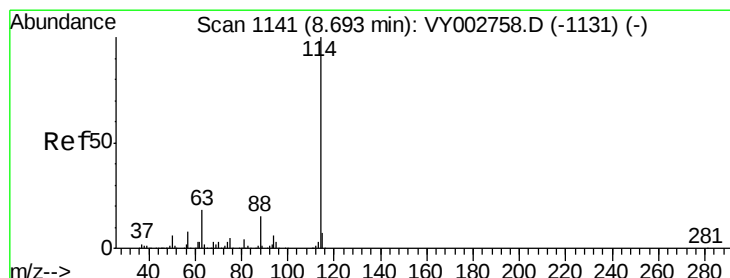
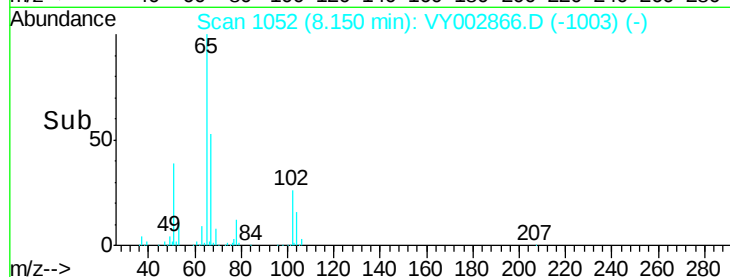
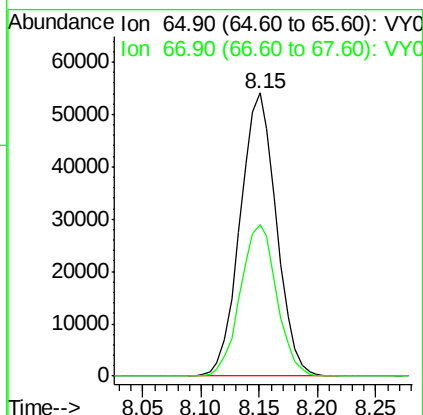
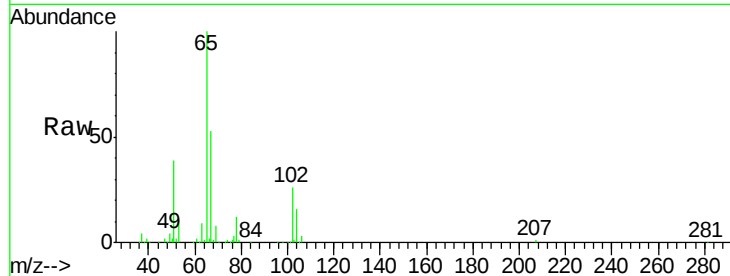




#33
 1,2-Dichloroethane-d4
 Concen: 55.651 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002866.D
 Acq: 09 Jun 2020 12:09

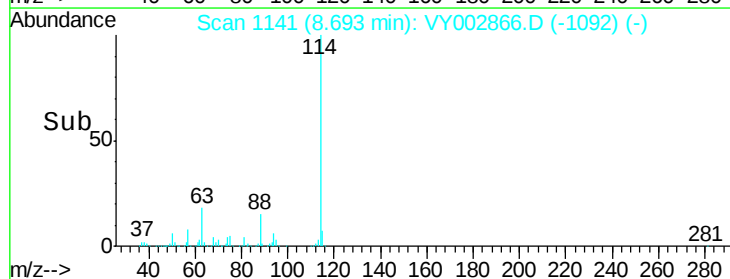
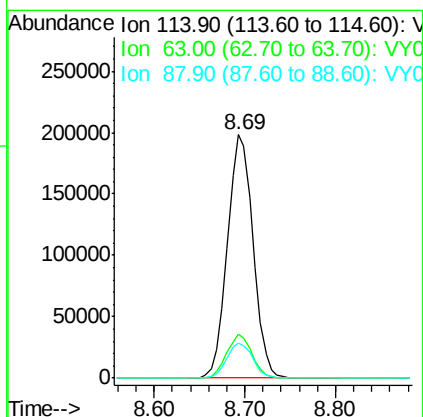
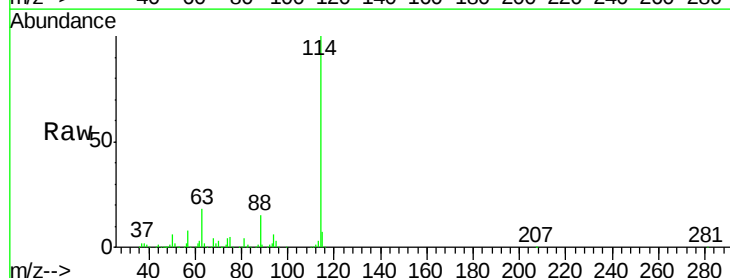
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

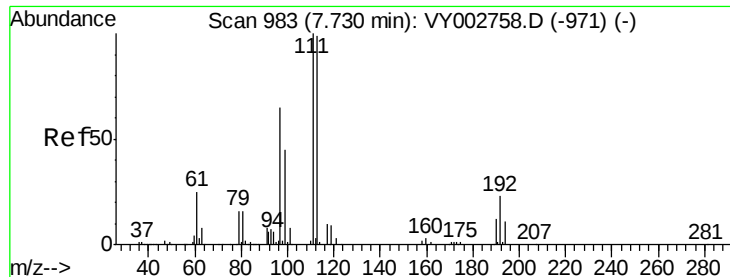
Tot Ion: 65 Resp: 117708
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002866.D
 Acq: 09 Jun 2020 12:09

Tgt Ion: 114 Resp: 388483
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.5 0.0 29.2

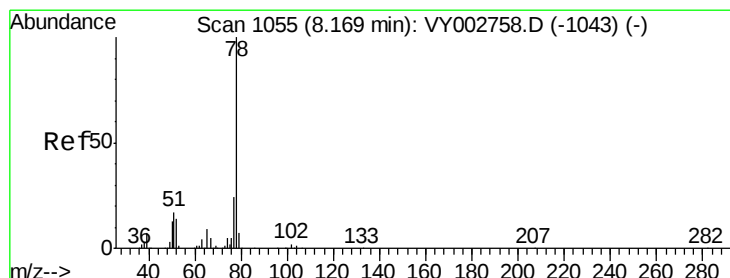
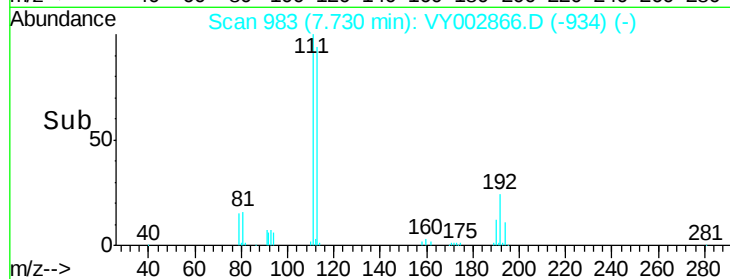
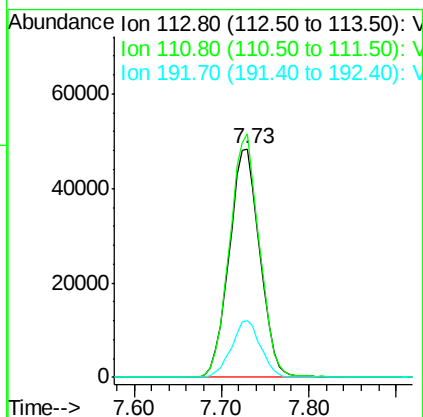
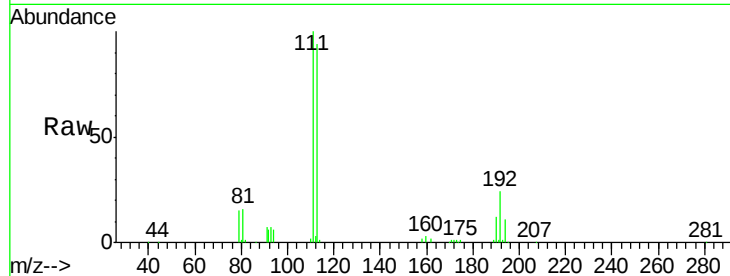




#35
 Dibromofluoromethane
 Concen: 51.671 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY002866.D
 Acq: 09 Jun 2020 12:09

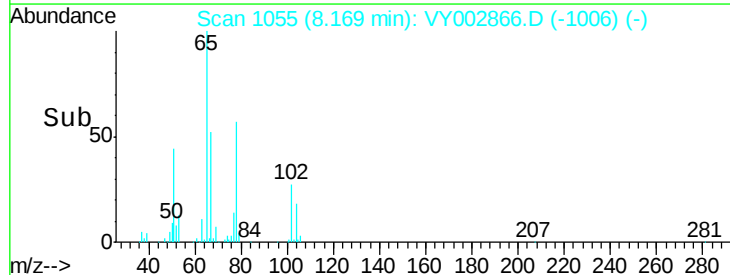
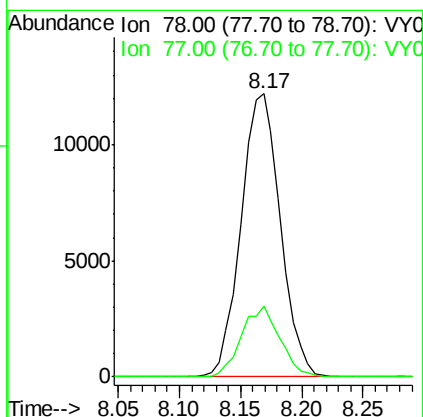
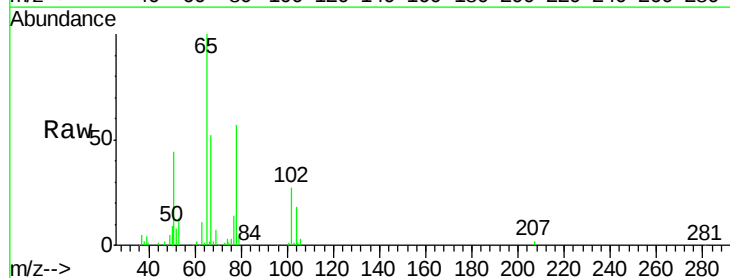
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

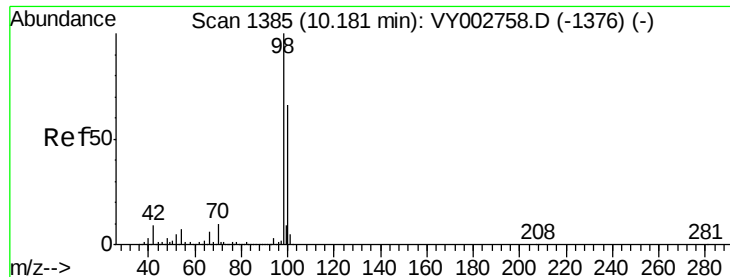
Tot Ion:113 Resp: 117639
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.0 123.0
 192 23.8 18.9 28.3



#40
 Benzene
 Concen: 2.818 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY002866.D
 Acq: 09 Jun 2020 12:09

Tgt Ion: 78 Resp: 27251
 Ion Ratio Lower Upper
 78 100
 77 24.9 18.8 28.2





#50

Toluene-d8

Concen: 49.649 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002866.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

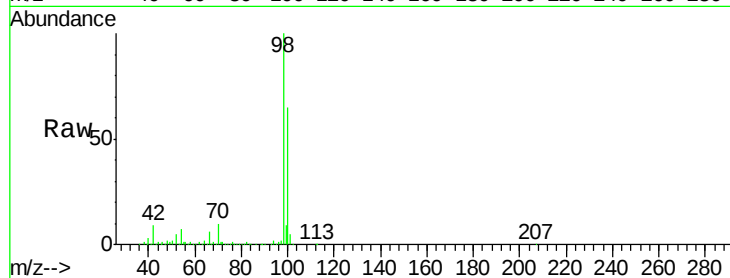
72-11939

Tot Ion: 98 Resp: 457038

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

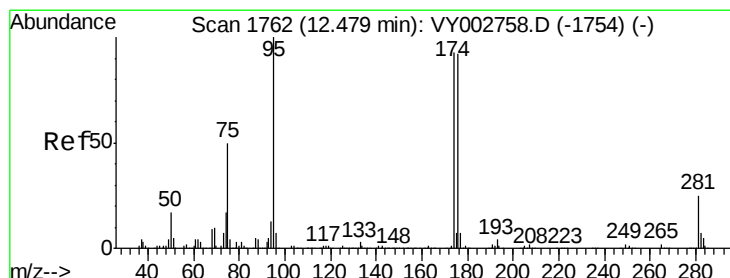
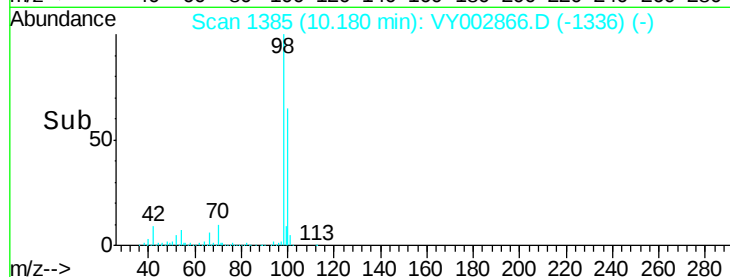
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.624 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002866.D

Acq: 09 Jun 2020 12:09

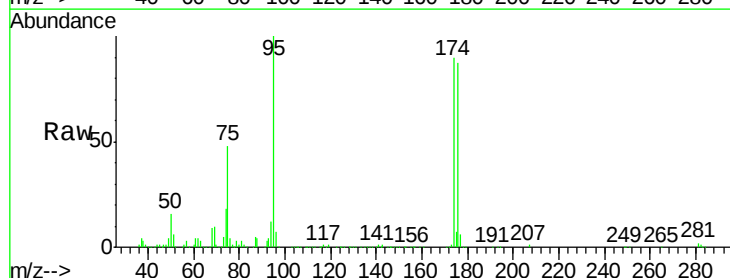
Tgt Ion: 95 Resp: 152969

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.2

176 93.0 0.0 188.8



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

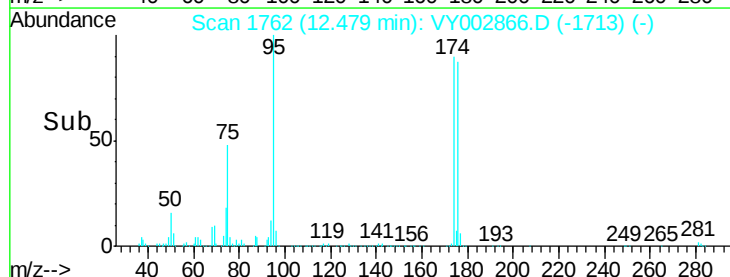
12.48

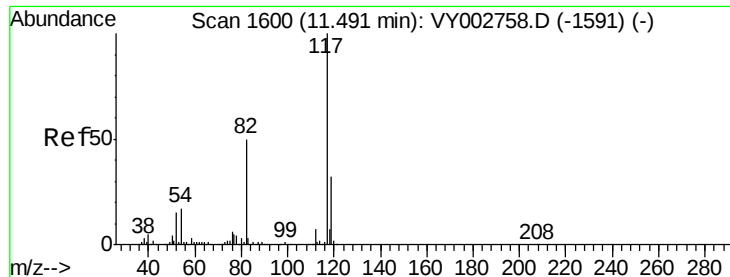
100000

50000

0

Time-->

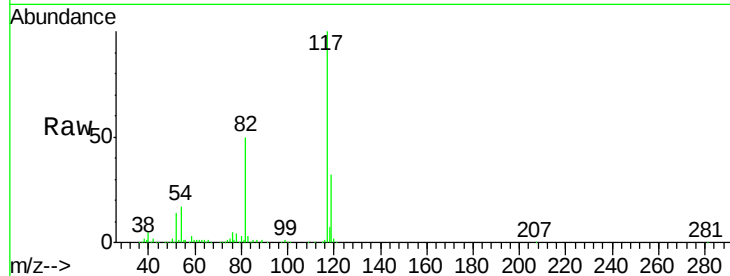




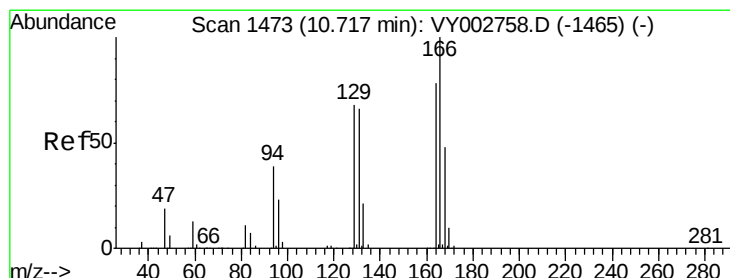
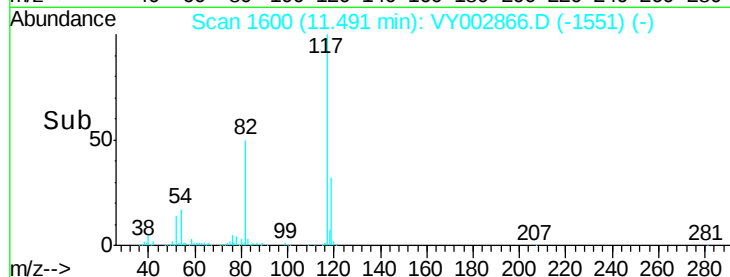
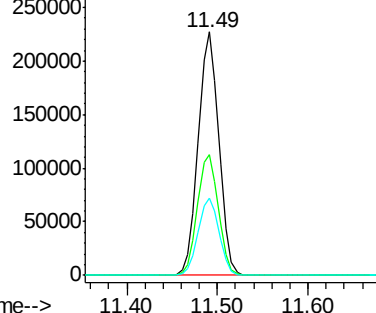
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002866.D
Acq: 09 Jun 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
72-11939

Tot Ion:117 Resp: 358749
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 31.8 25.8 38.8

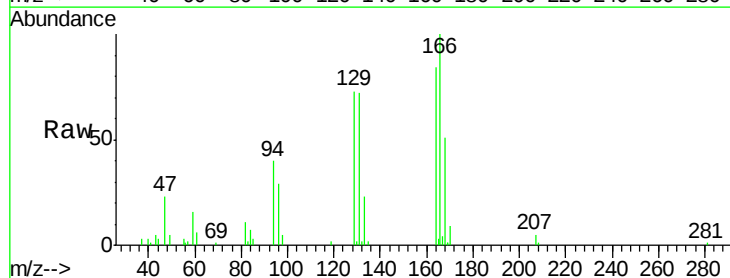


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

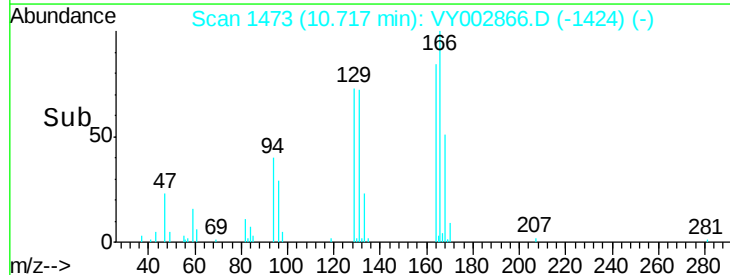
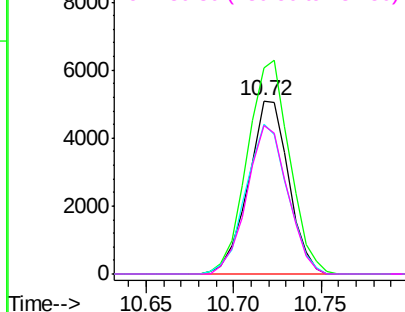


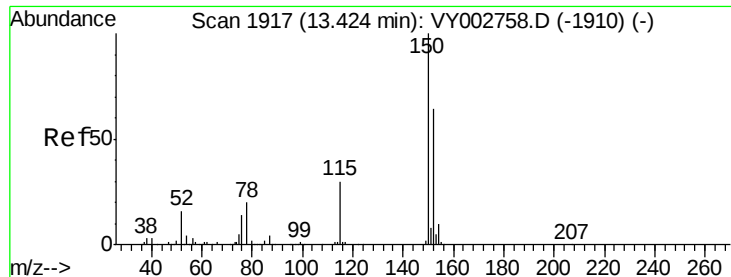
#64
Tetrachloroethene
Concen: 2.501 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002866.D
Acq: 09 Jun 2020 12:09

Tgt Ion:164 Resp: 8153
Ion Ratio Lower Upper
164 100
166 119.5 102.3 153.5
129 86.7 69.4 104.2
131 85.7 67.8 101.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VY002866.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

72-11939

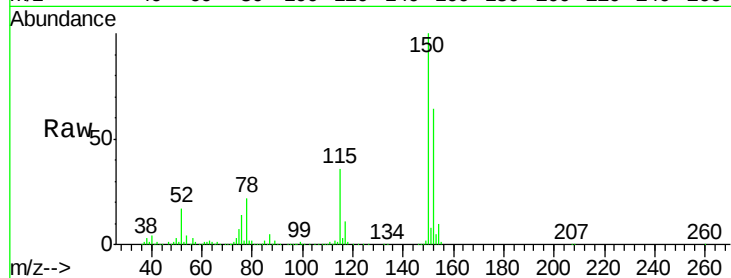
Tot Ion:152 Resp: 176635

Ion Ratio Lower Upper

152 100

115 54.5 27.0 81.0

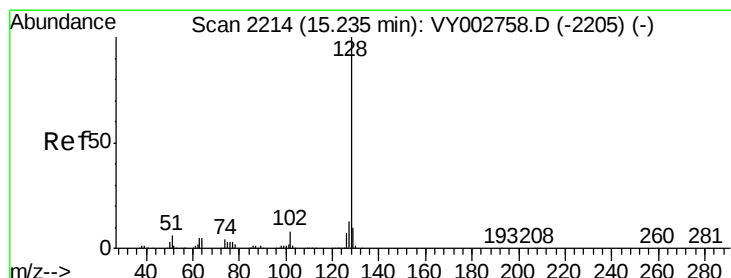
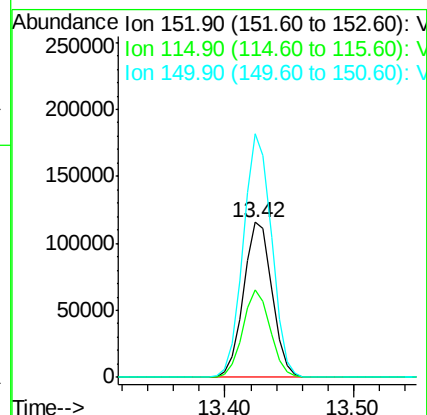
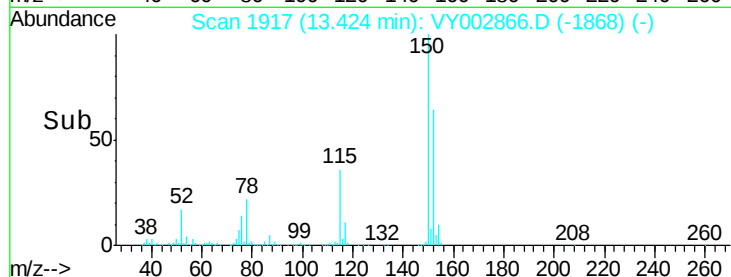
150 156.1 0.0 344.8



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



#95

Naphthalene

Concen: 17.127 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002866.D

Acq: 09 Jun 2020 12:09

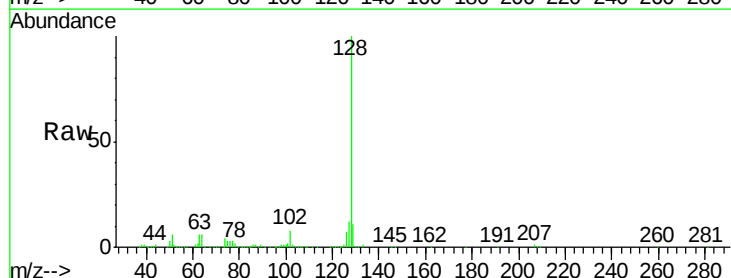
Tgt Ion:128 Resp: 131056

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 8.7 13.1



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

