

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001726.D
 Acq On : 20 Feb 2020 16:26
 Operator : SY/MD
 Sample : L1631-01
 Misc : 4.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C-S1

Quant Time: Feb 21 08:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

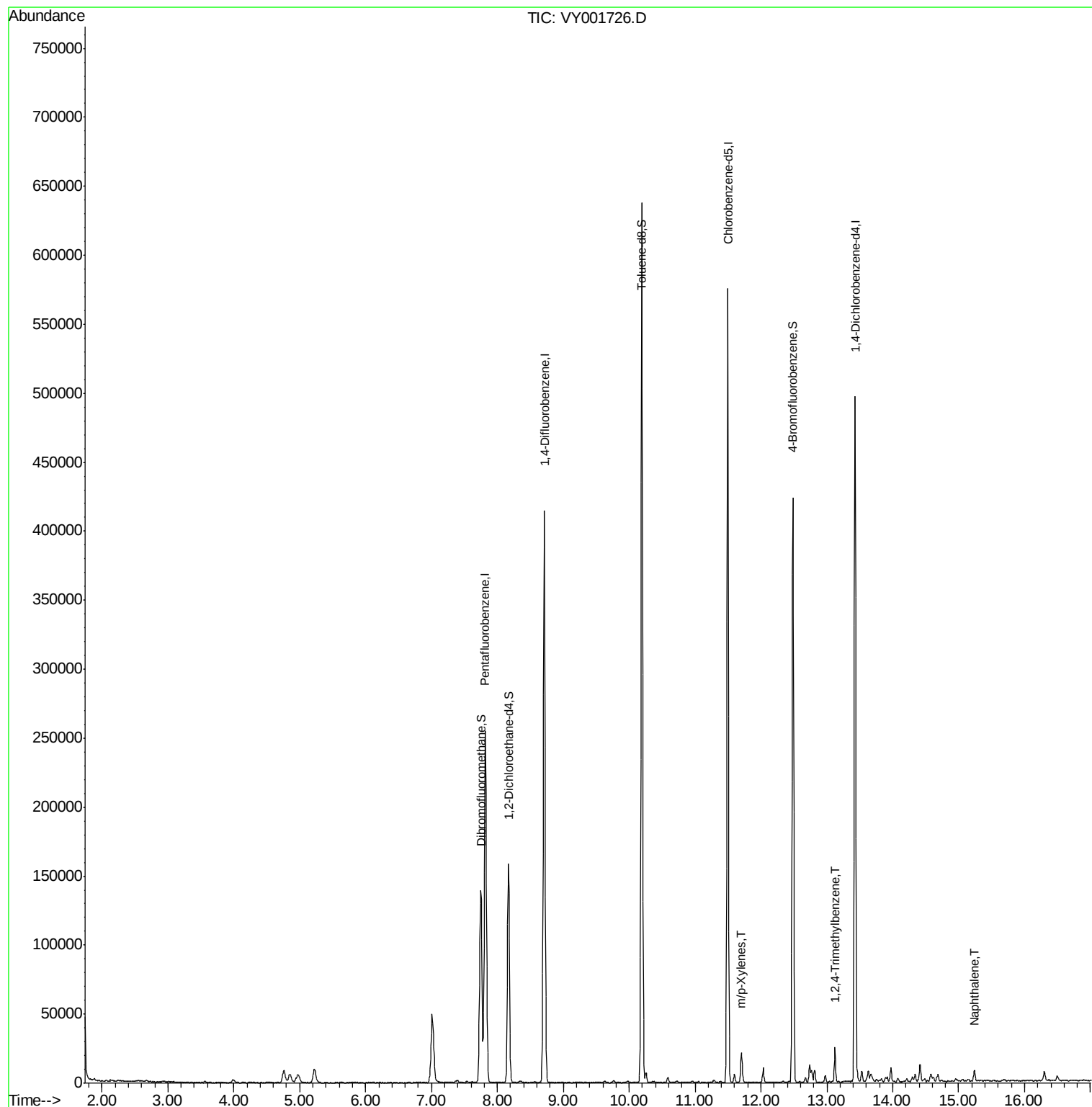
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	191873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	349958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	305972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	116724	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
35) Dibromofluoromethane	7.75	113	103194	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.19	98	419381	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.49	95	138660	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
68) m/p-Xylenes	11.70	106	6645	1.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	12884	1.673	ug/l	98
95) Naphthalene	15.24	128	6269	1.133	ug/l #	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001726.D

Acq: 20 Feb 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

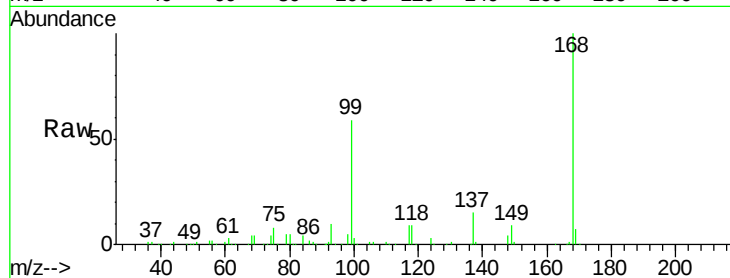
TP-C-S1

Tot Ion:168 Resp: 191873

Ion Ratio Lower Upper

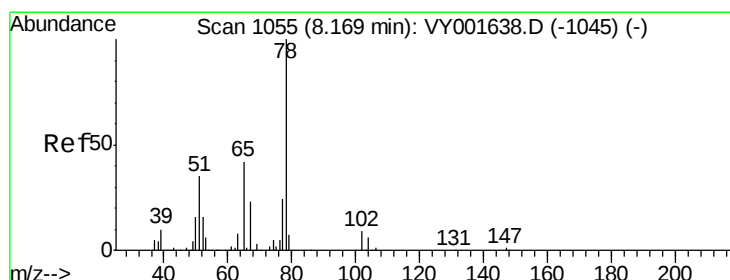
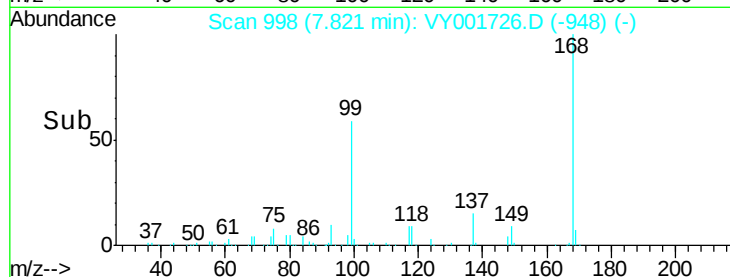
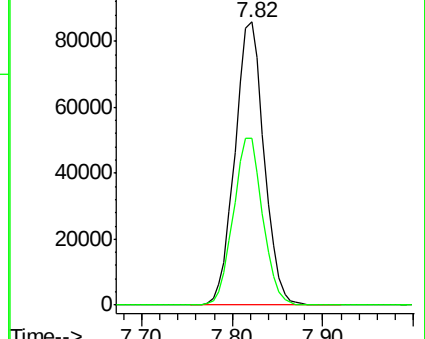
168 100

99 59.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001726.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001726.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.556 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001726.D

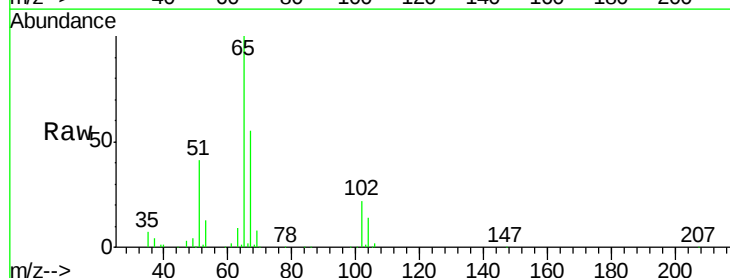
Acq: 20 Feb 2020 16:26

Tgt Ion: 65 Resp: 116724

Ion Ratio Lower Upper

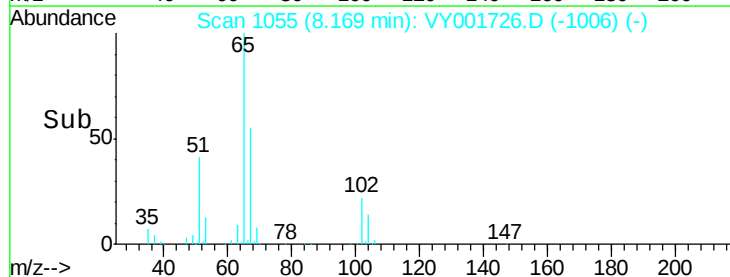
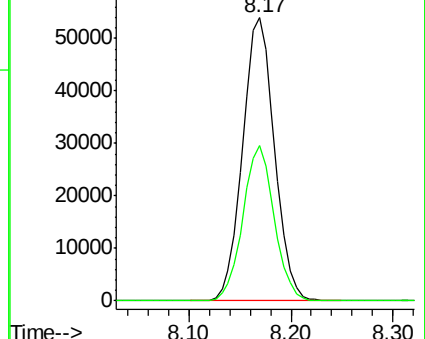
65 100

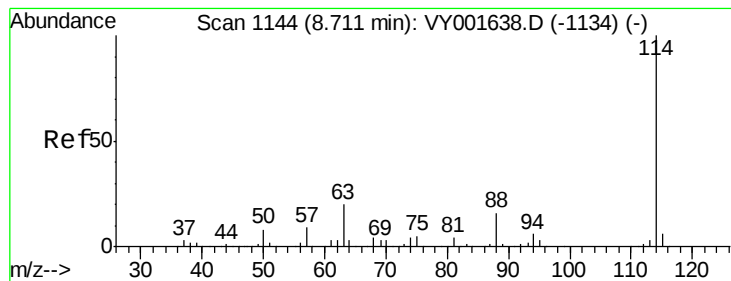
67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001726.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001726.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001726.D

Acq: 20 Feb 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-C-S1

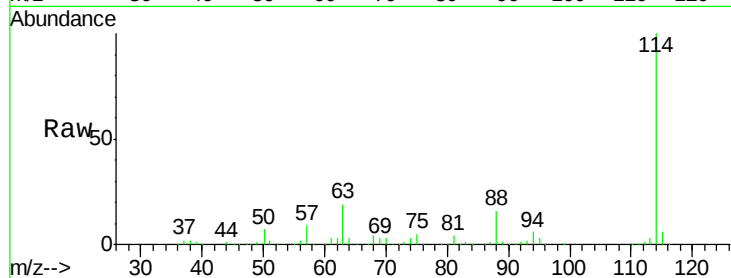
Tot Ion:114 Resp: 349958

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

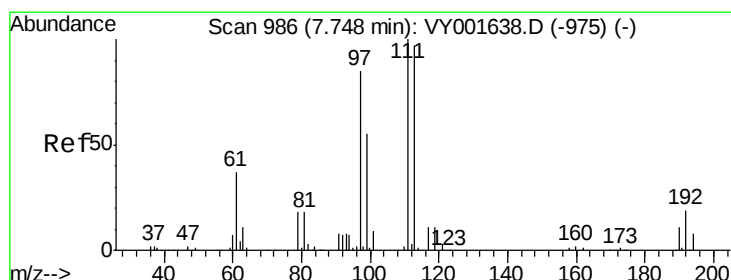
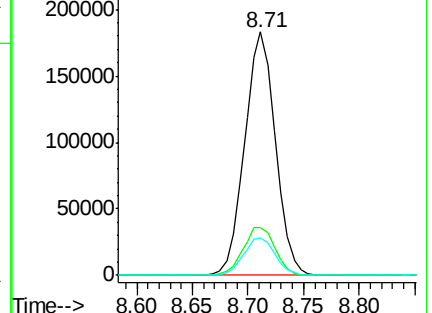
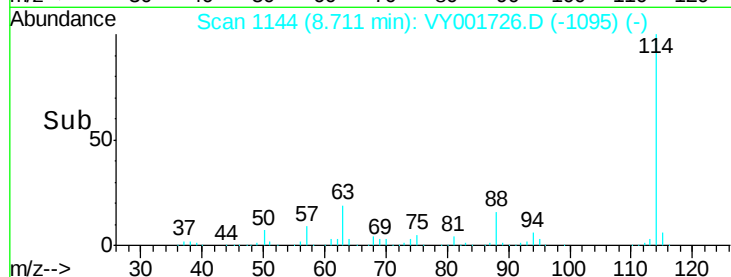
88 15.6 0.0 32.8



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: 51.484 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001726.D

Acq: 20 Feb 2020 16:26

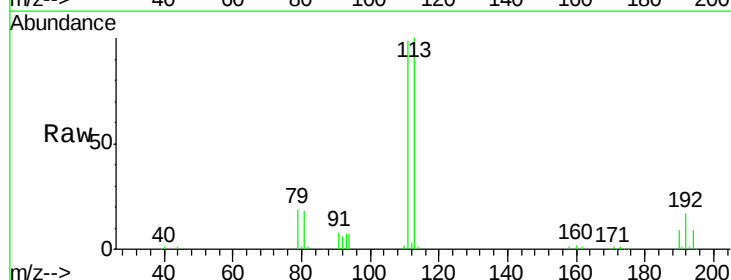
Tgt Ion:113 Resp: 103194

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

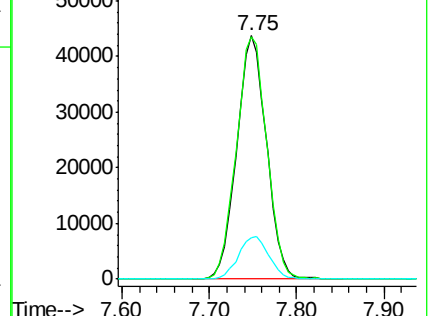
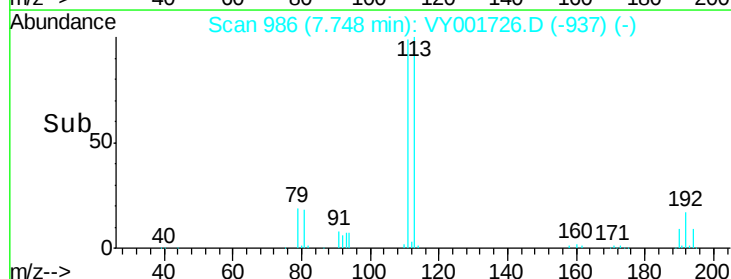
192 17.8 14.3 21.5

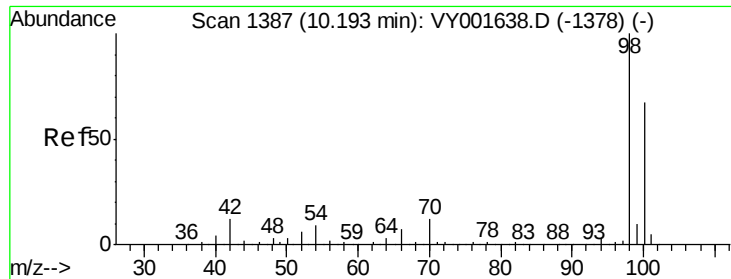


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.406 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001726.D

Acq: 20 Feb 2020 16:26

Instrument :

MSVOA_Y

ClientSampled :

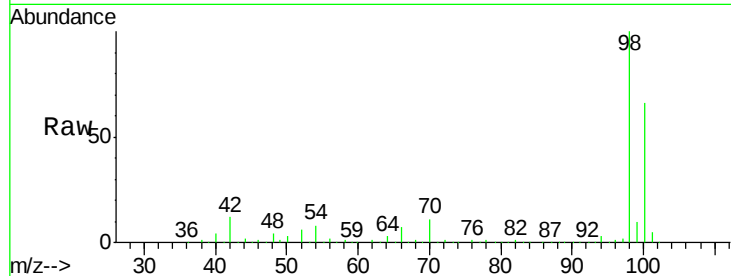
TP-C-S1

Tot Ion: 98 Resp: 419381

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

10.19

250000

200000

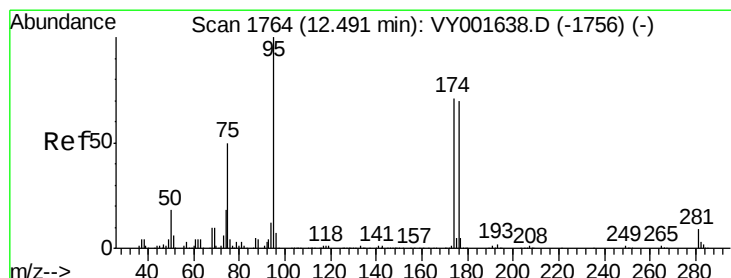
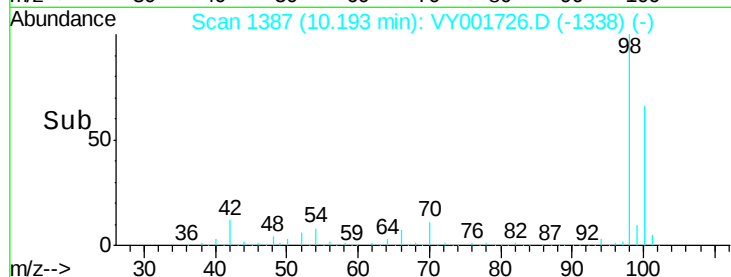
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.452 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001726.D

Acq: 20 Feb 2020 16:26

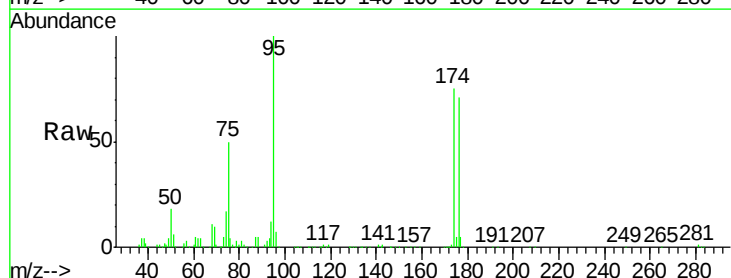
Tgt Ion: 95 Resp: 138660

Ion Ratio Lower Upper

95 100

174 71.0 0.0 138.4

176 69.3 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

120000

100000

80000

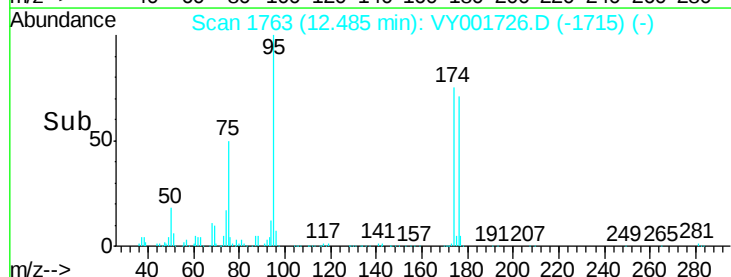
60000

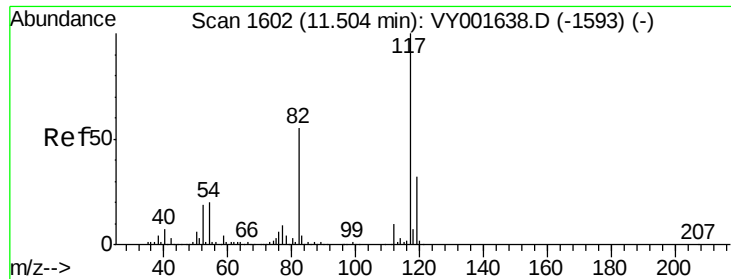
40000

20000

0

Time-->

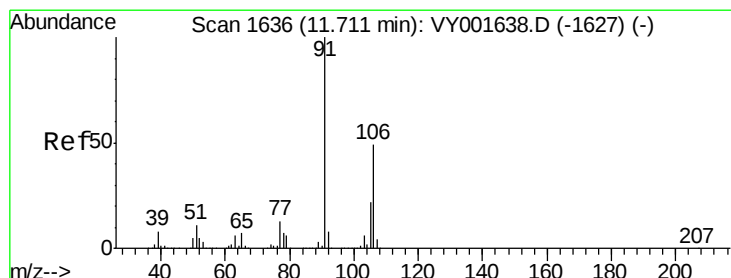
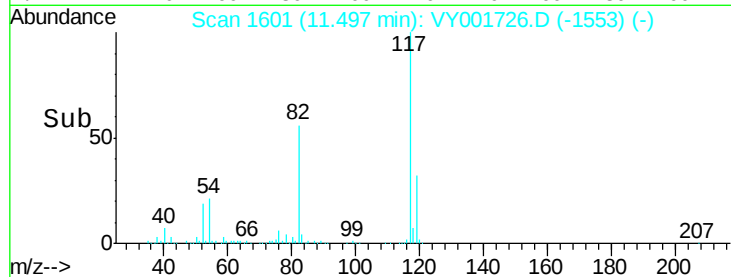
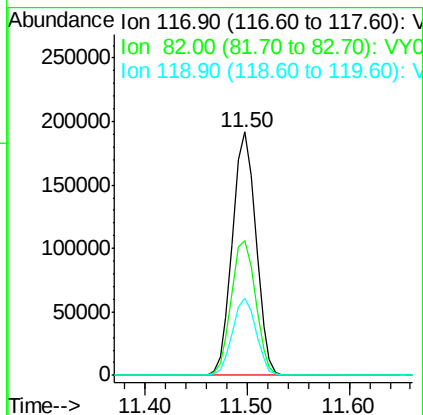
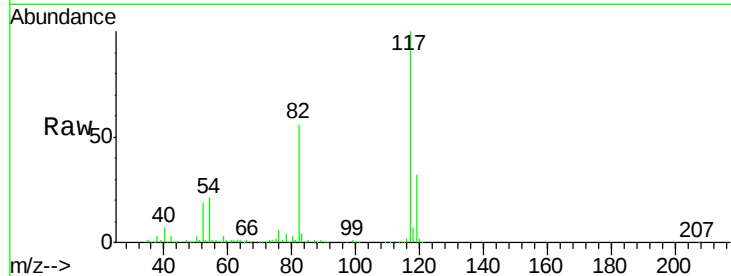




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001726.D
Acq: 20 Feb 2020 16:26

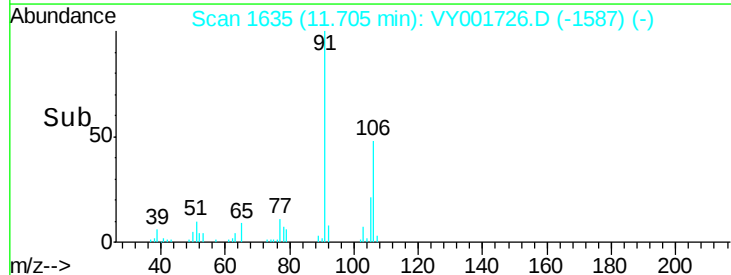
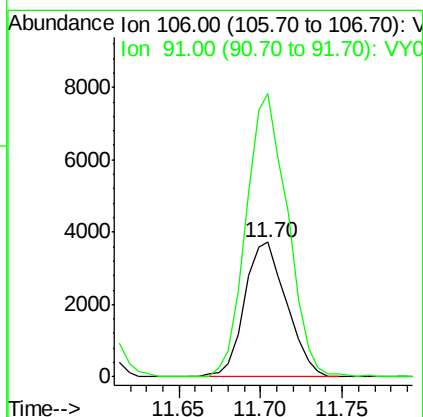
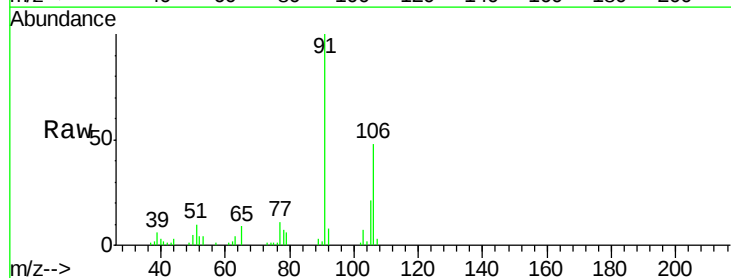
Instrument :
MSVOA_Y
ClientSampleId :
TP-C-S1

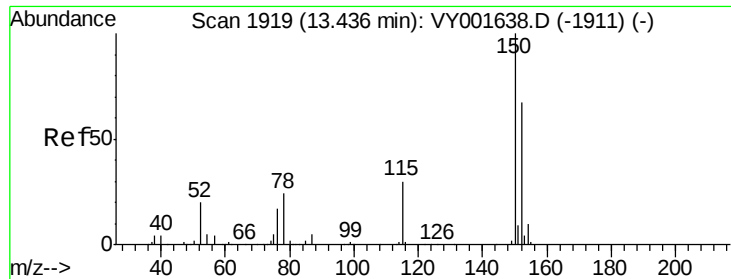
Tot Ion:117 Resp: 305972
Ion Ratio Lower Upper
117 100
82 55.6 45.5 68.3
119 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 1.569 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001726.D
Acq: 20 Feb 2020 16:26

Tgt Ion:106 Resp: 6645
Ion Ratio Lower Upper
106 100
91 207.3 163.3 244.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001726.D

Acq: 20 Feb 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-C-S1

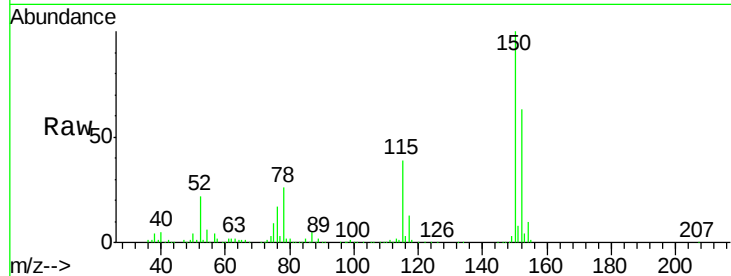
Tot Ion:152 Resp: 122503

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.2

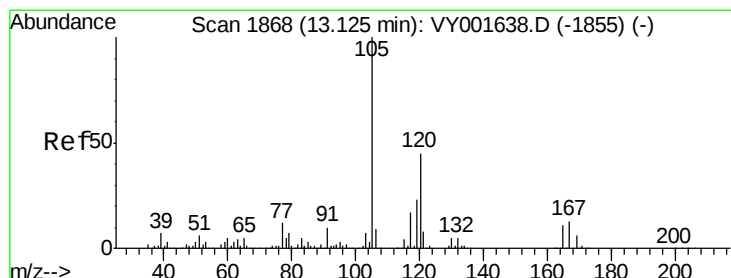
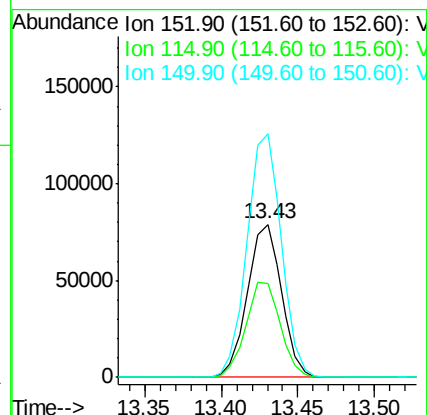
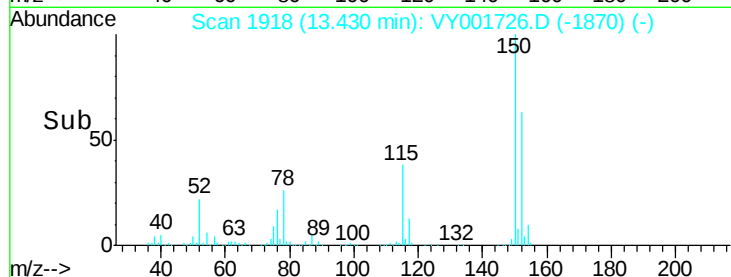
150 160.2 0.0 407.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.673 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY001726.D

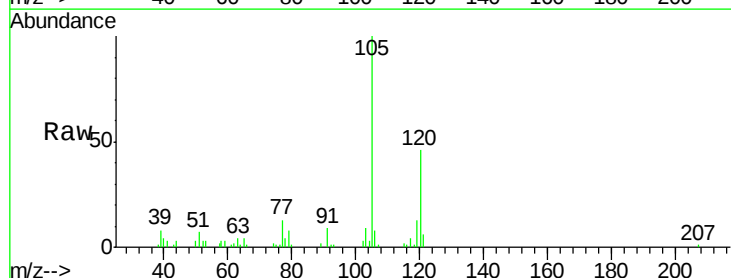
Acq: 20 Feb 2020 16:26

Tgt Ion:105 Resp: 12884

Ion Ratio Lower Upper

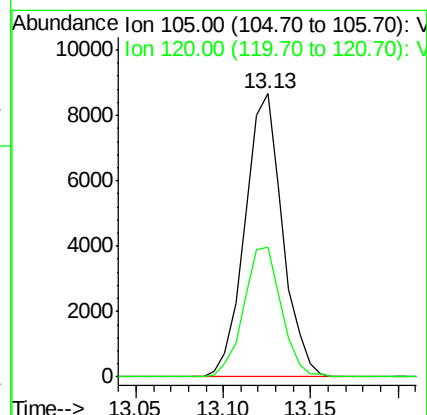
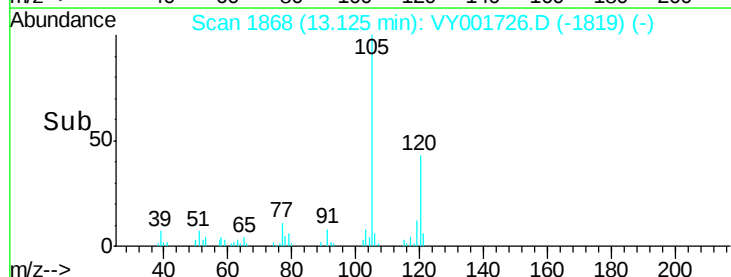
105 100

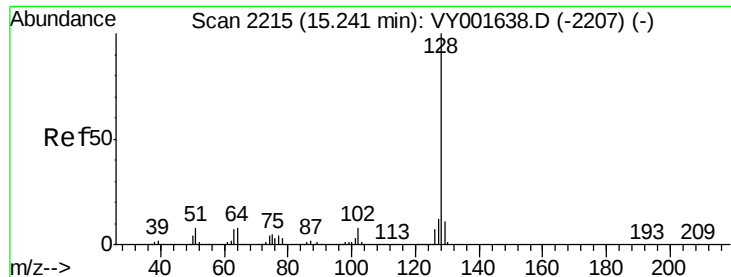
120 46.0 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

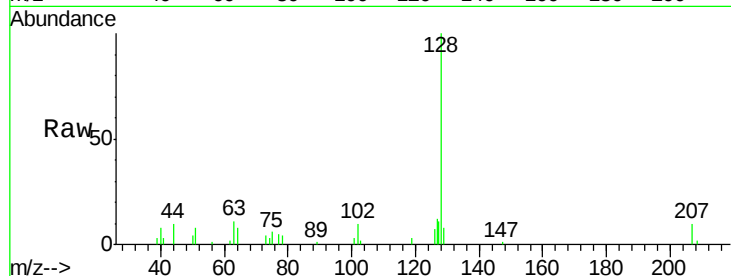




#95
Naphthalene
Concen: 1.133 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY001726.D
Acq: 20 Feb 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
TP-C-S1

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	9.9	14.9#
129	9.9	8.6	13.0



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

