

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003021.D
 Acq On : 29 Jun 2020 21:05
 Operator : SY/MD
 Sample : L3153-07
 Misc : 6.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP1-C

Quant Time: Jun 30 06:03:06 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	413011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	656004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	604257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	286160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	230258	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
35) Dibromofluoromethane	7.72	113	217803	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.18	98	781379	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.48	95	269398	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

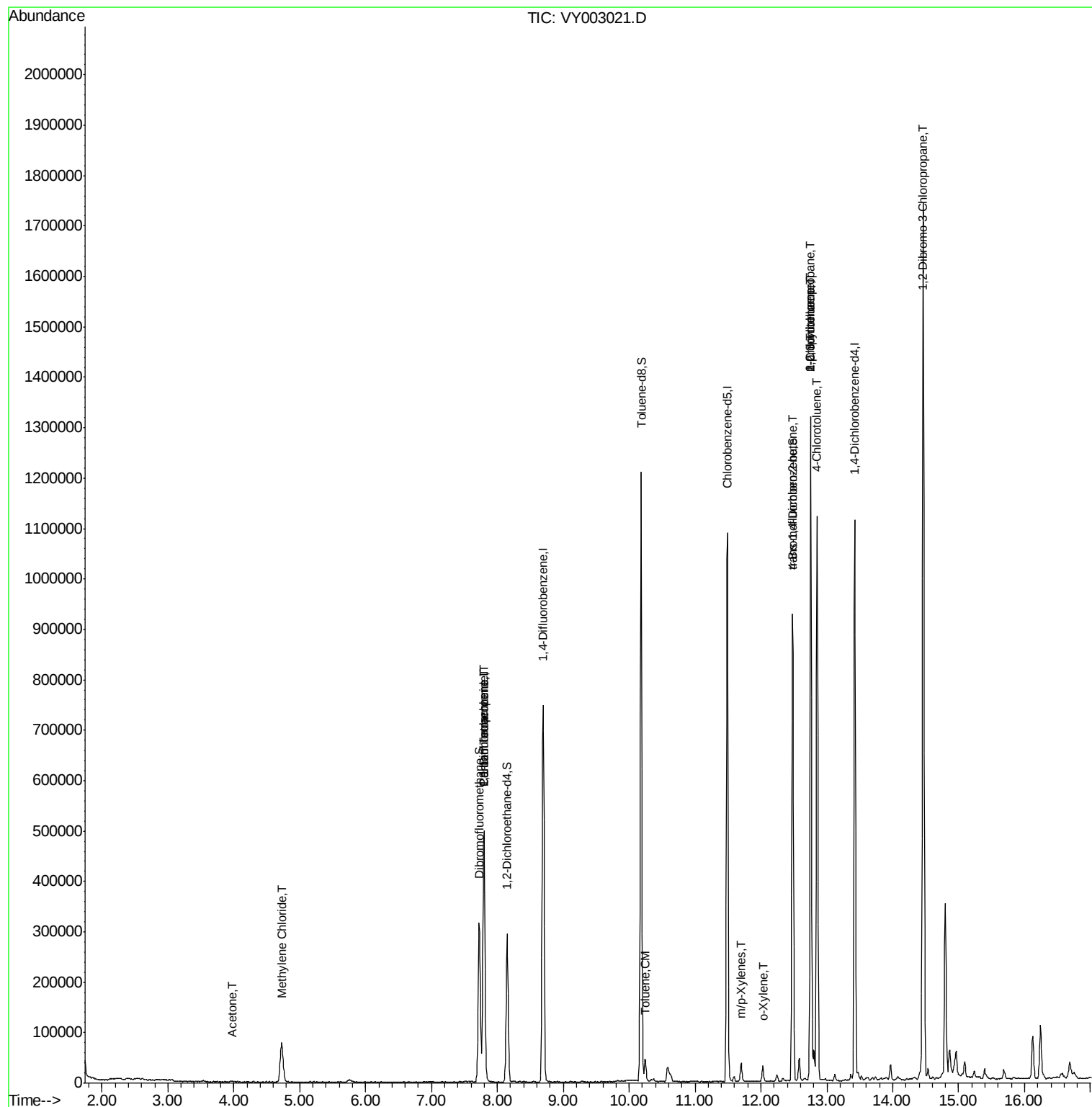
						Qvalue
16) Acetone	3.96	43	2203	2.277	ug/l #	77
20) Methylene Chloride	4.72	84	59609	7.944	ug/l	96
36) 1,1-Dichloropropene	7.80	75	27803	4.400	ug/l #	51
38) Carbon Tetrachloride	7.80	117	37358	5.682	ug/l #	17
52) Toluene	10.24	92	17125	1.573	ug/l	97
68) m/p-Xylenes	11.70	106	11094	1.368	ug/l	97
69) o-Xylene	12.03	106	8666	1.134	ug/l	96
76) 1,2,3-Trichloropropane	12.75	75	19769	6.980	ug/l #	100
78) n-propylbenzene	12.75	91	706407	31.364	ug/l #	53
79) 2-Chlorotoluene	12.75	91	706407	56.190	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.48	75	137217	94.264	ug/l #	12
82) 4-Chlorotoluene	12.85	91	614661	46.959	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.46	75	36235	54.160	ug/l #	1

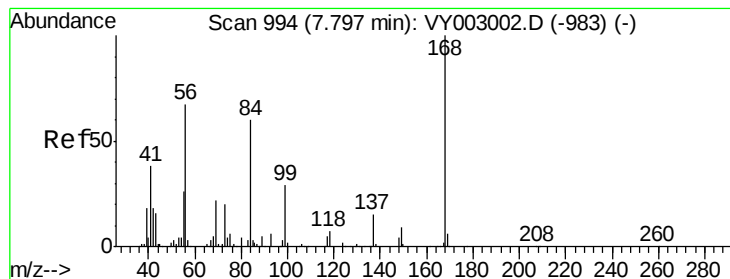
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
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Quant Time: Jun 30 06:03:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampled :

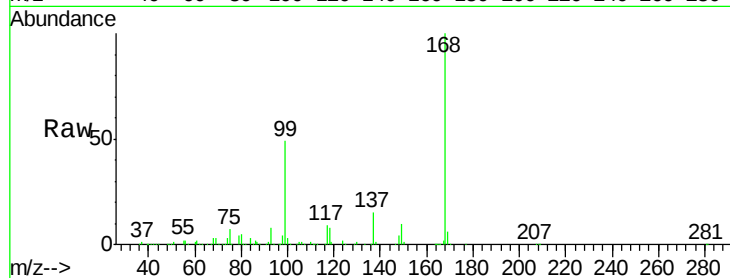
SP1-C

Tot Ion:168 Resp: 413011

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

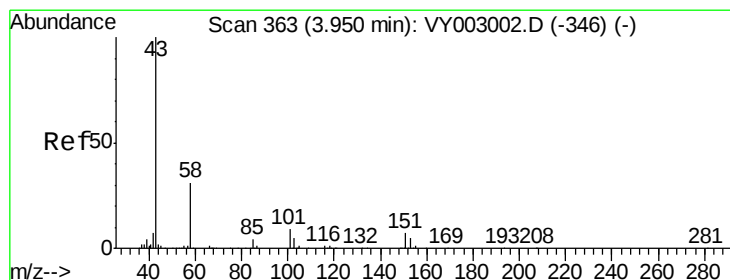
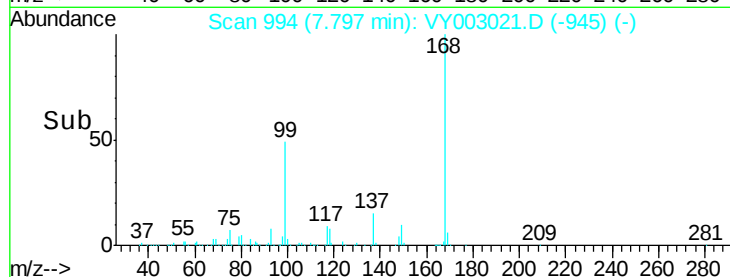
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.277 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003021.D

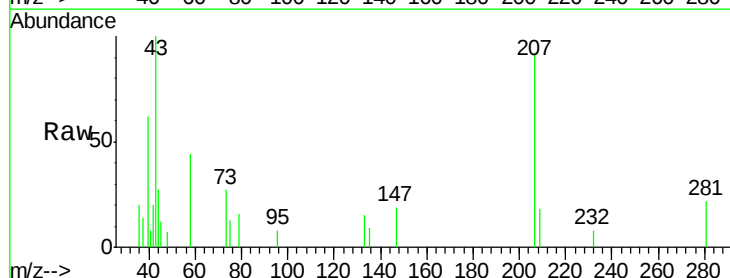
Acq: 29 Jun 2020 21:05

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

58 43.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

800

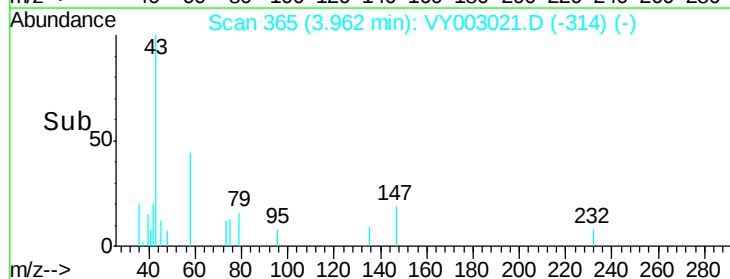
600

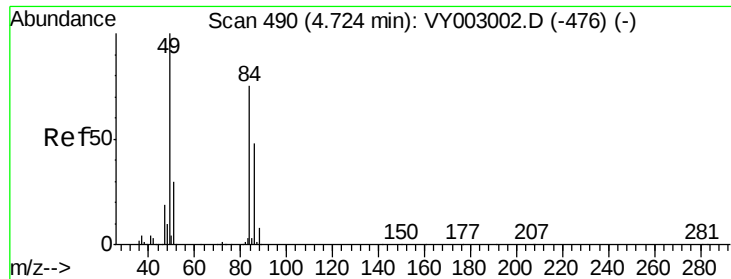
400

200

0

Time-->

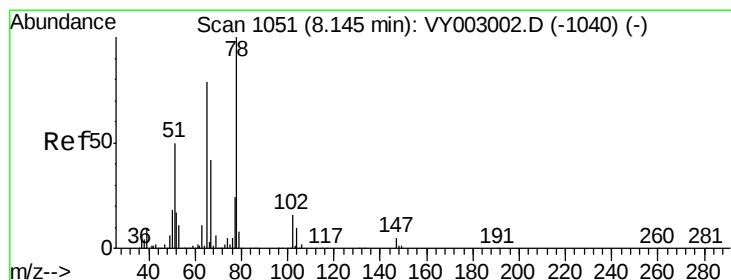
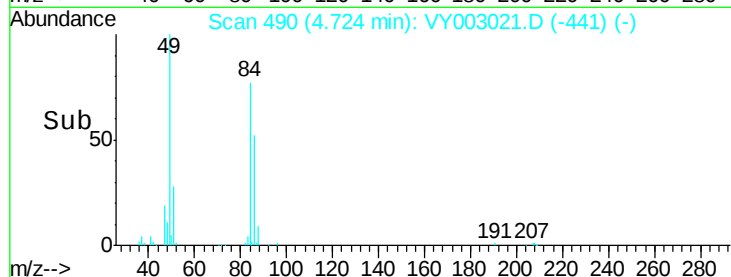
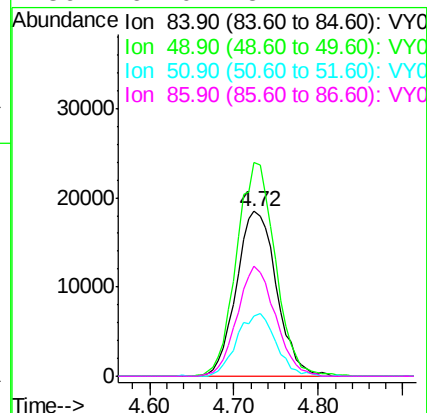
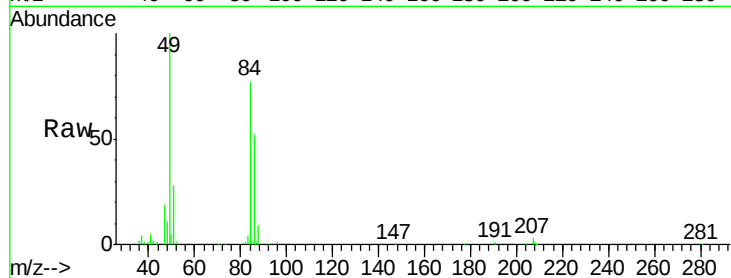




#20
Methvlene Chloride
Concen: 7.944 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

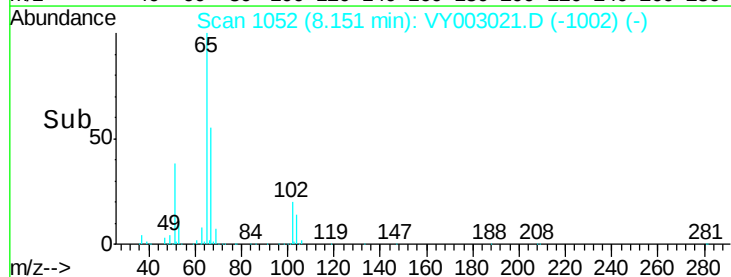
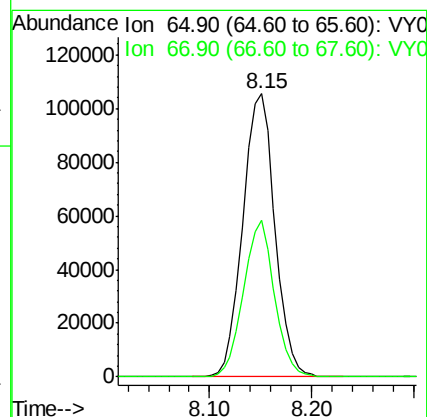
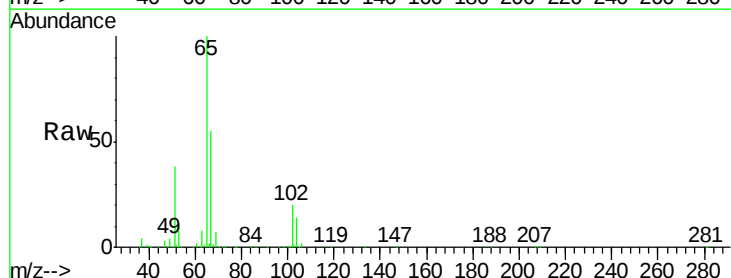
Instrument :
MSVOA_Y
ClientSampleId :
SP1-C

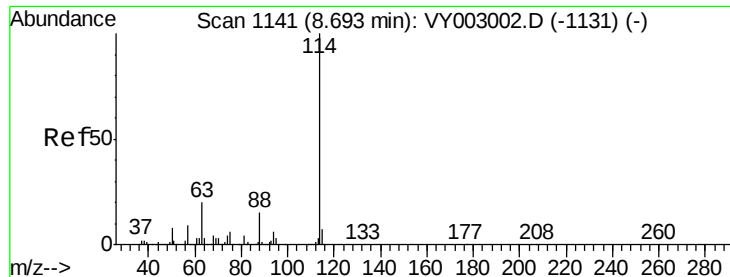
Tot Ion:	84	Resp:	59609
Ion	Ratio	Lower	Upper
84	100		
49	129.6	106.8	160.2
51	36.4	32.0	48.0
86	67.0	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 56.133 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

Tgt Ion:	65	Resp:	230258
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.6

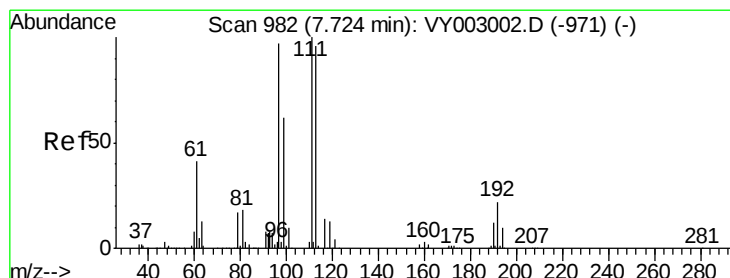
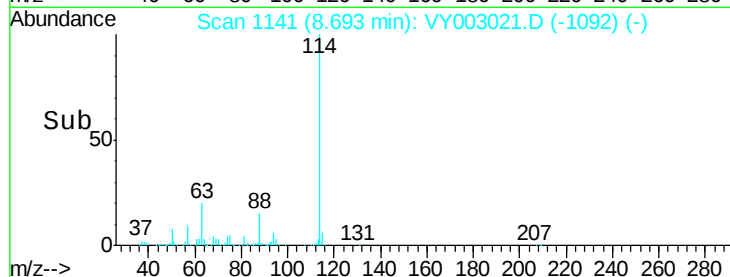
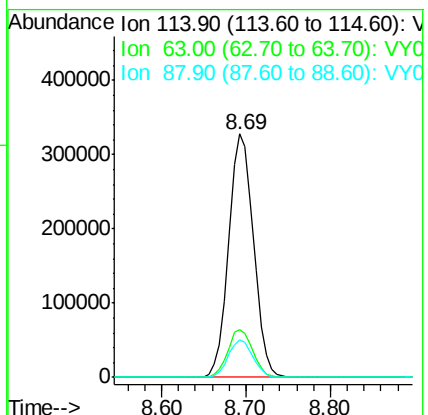
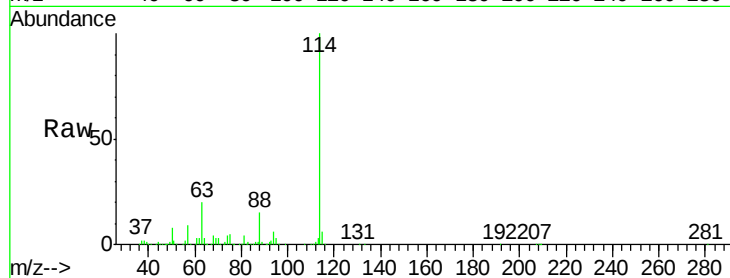




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

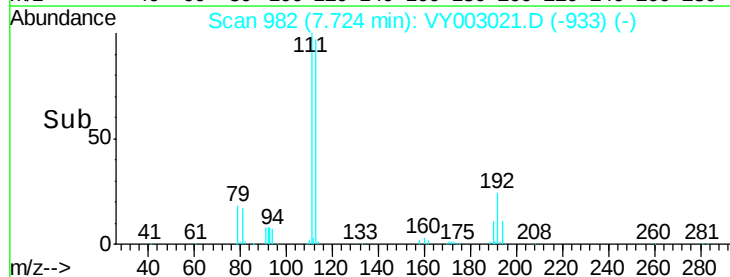
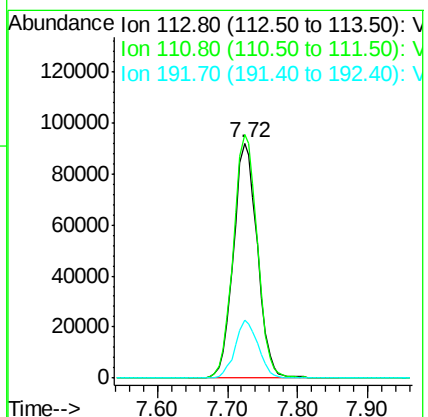
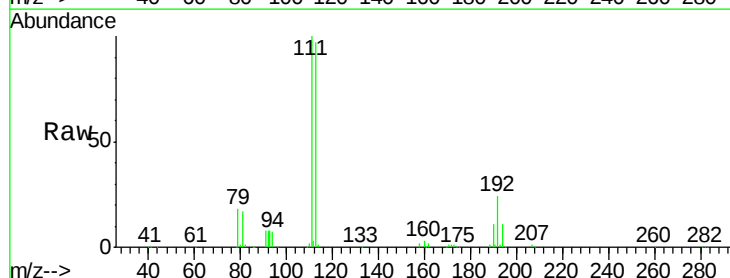
Instrument :
MSVOA_Y
ClientSampleId :
SP1-C

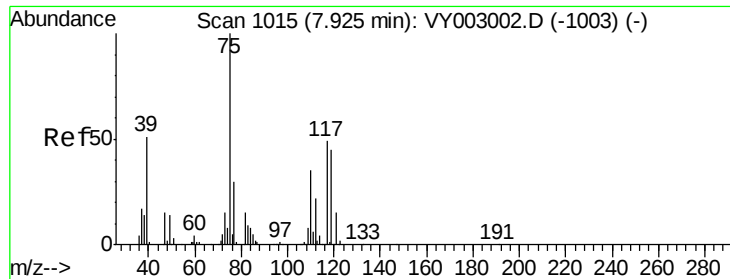
Tot Ion:114 Resp: 656004
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.6
88 15.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.223 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

Tgt Ion:113 Resp: 217803
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 24.0 18.1 27.1





#36

1,1-Dichloropropene

Concen: 4.400 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

SP1-C

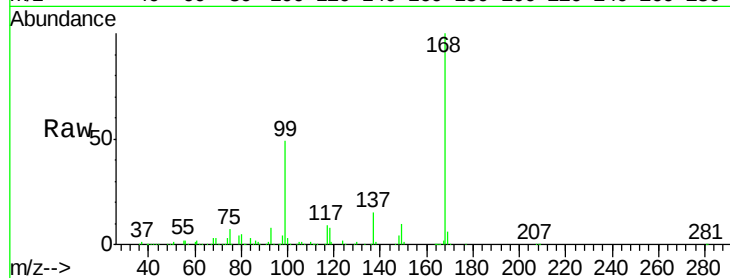
Tot Ion: 75 Resp: 27803

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

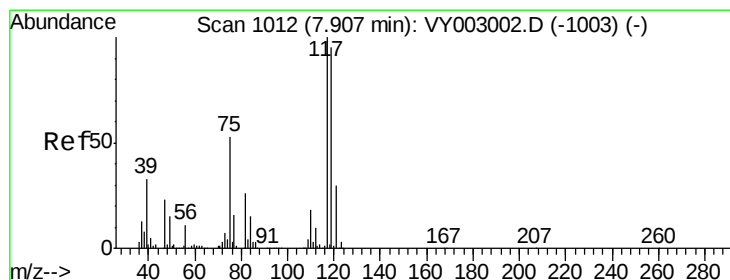
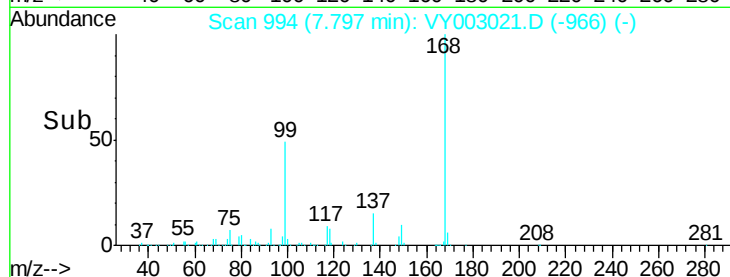
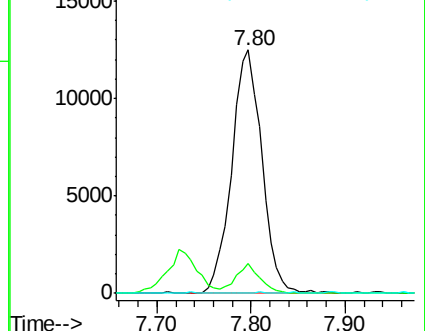
77 0.2 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#38

Carbon Tetrachloride

Concen: 5.682 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

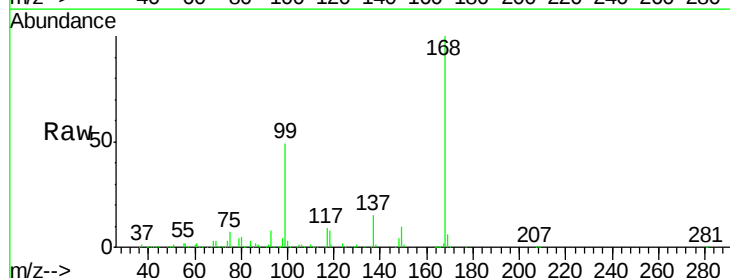
Tgt Ion: 117 Resp: 37358

Ion Ratio Lower Upper

117 100

119 5.8 75.7 113.5#

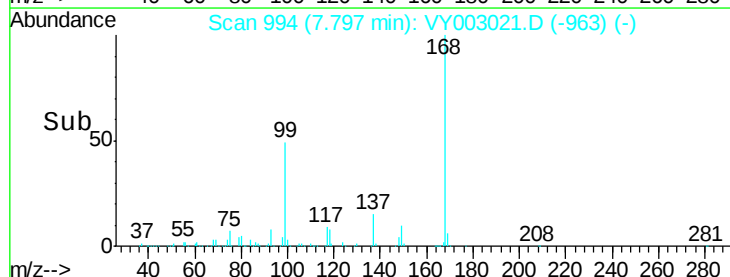
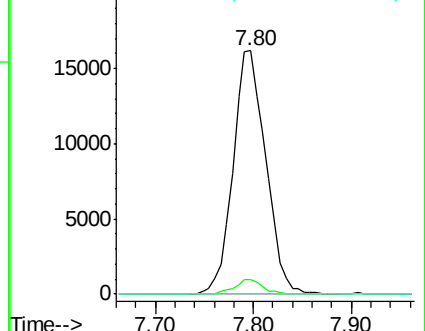
121 0.0 23.9 35.9#

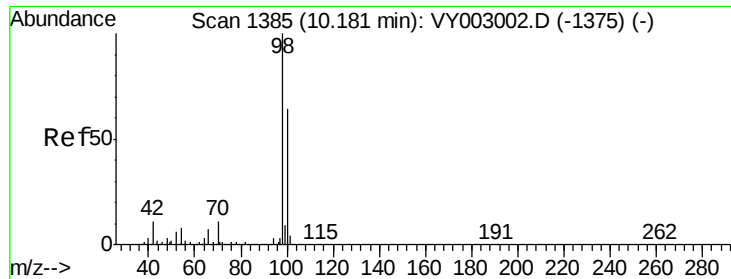


Abundance Ion 116.80 (116.50 to 117.50): VY0

Ion 118.80 (118.50 to 119.50): VY0

Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 51.253 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

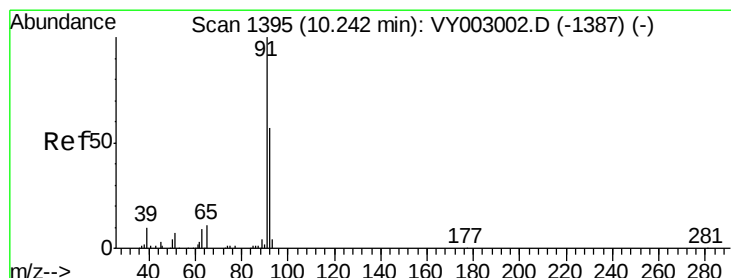
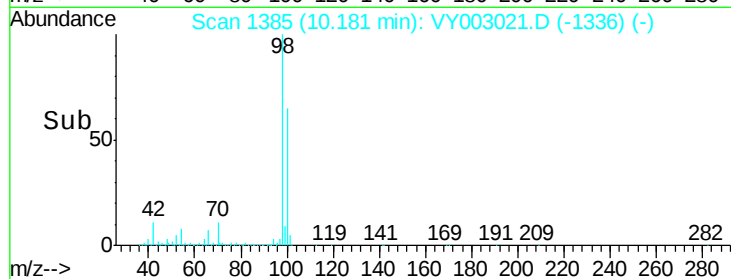
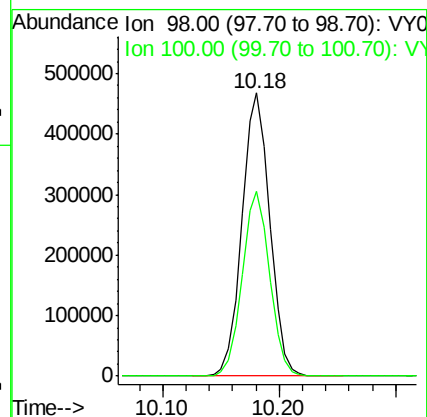
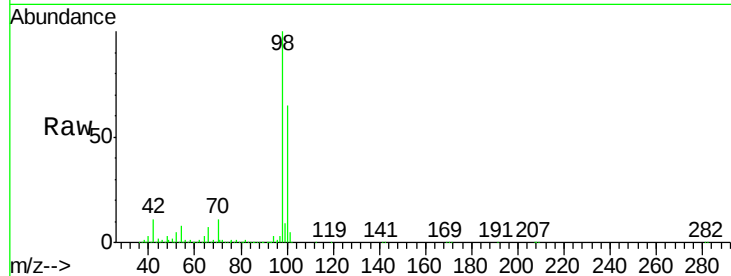
SP1-C

Tot Ion: 98 Resp: 781379

Ion Ratio Lower Upper

98 100

100 64.4 51.1 76.7



#52

Toluene

Concen: 1.573 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003021.D

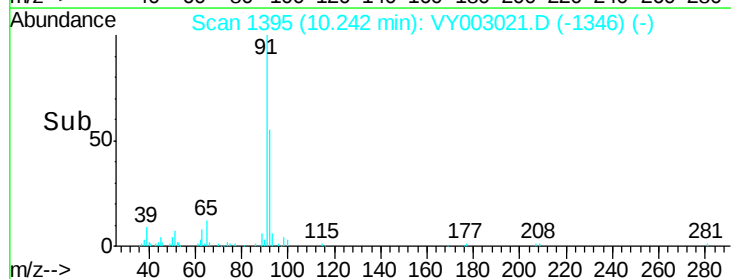
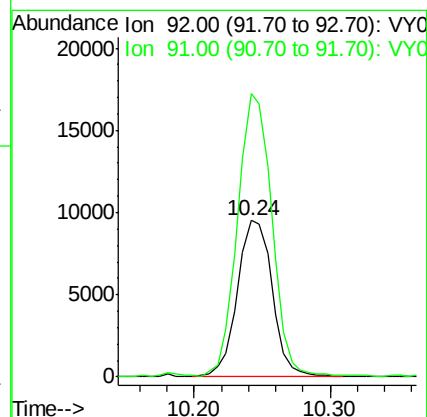
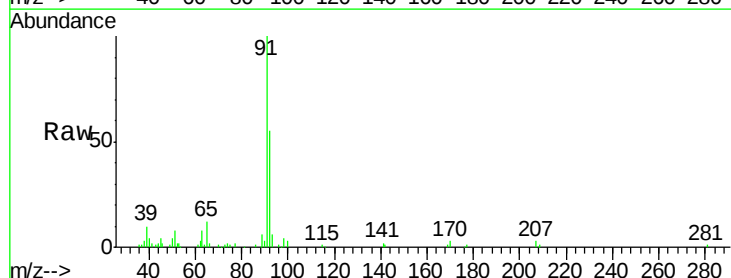
Acq: 29 Jun 2020 21:05

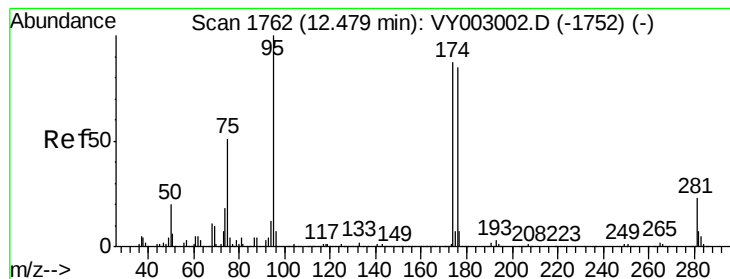
Tgt Ion: 92 Resp: 17125

Ion Ratio Lower Upper

92 100

91 178.7 139.6 209.4





#62

4-Bromofluorobenzene

Concen: 50.200 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

SP1-C

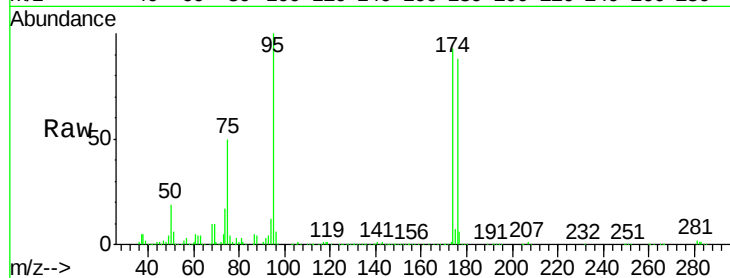
Tot Ion: 95 Resp: 269398

Ion Ratio Lower Upper

95 100

174 95.0 0.0 184.8

176 90.9 0.0 183.0



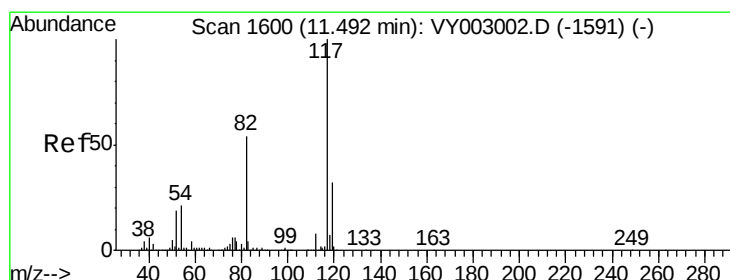
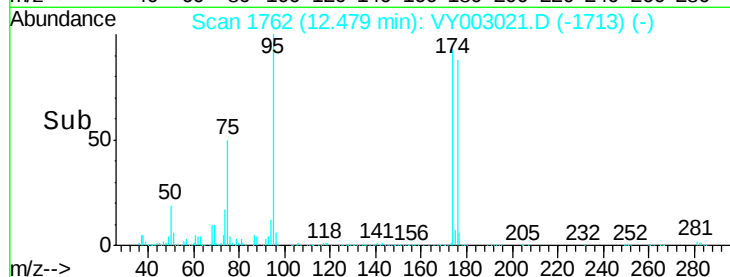
Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

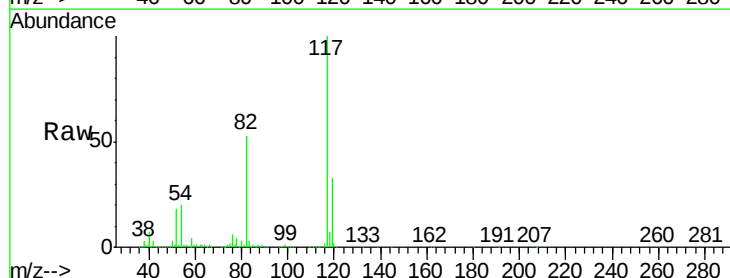
Tgt Ion: 117 Resp: 604257

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.6

119 32.9 25.8 38.8



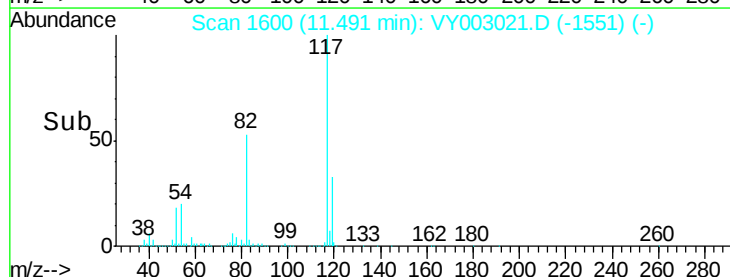
Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

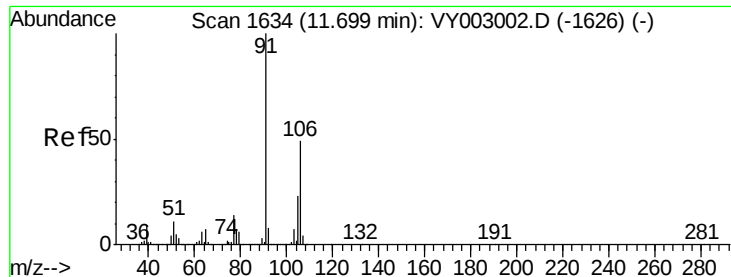
Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

11.49

Time-->





#68

m/p-Xvlenes

Concen: 1.368 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

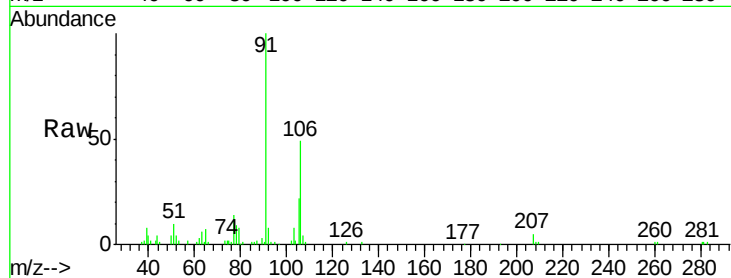
SP1-C

Tot Ion:106 Resp: 11094

Ion Ratio Lower Upper

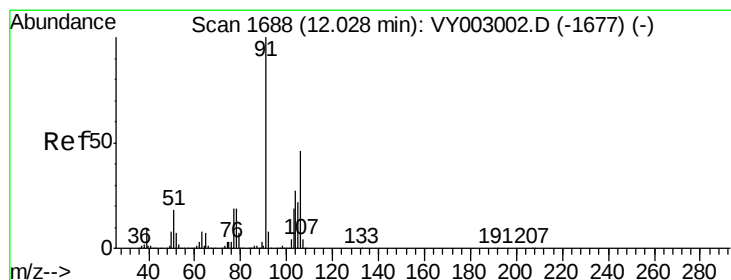
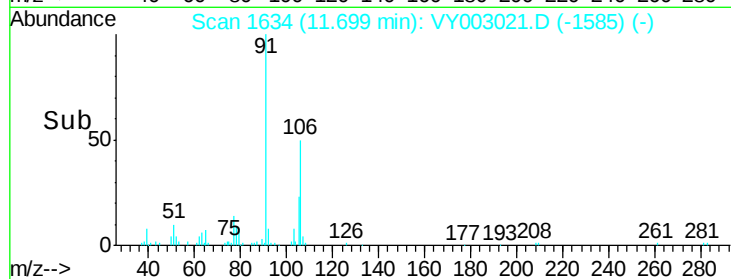
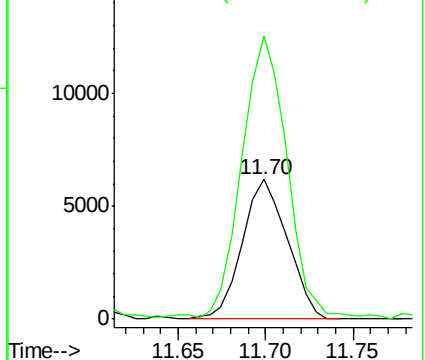
106 100

91 206.6 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 1.134 ug/l

RT: 12.03 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VY003021.D

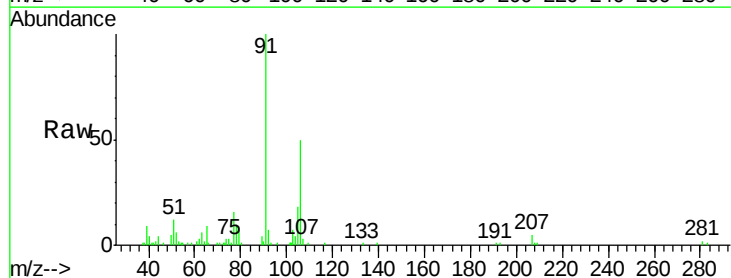
Acq: 29 Jun 2020 21:05

Tgt Ion:106 Resp: 8666

Ion Ratio Lower Upper

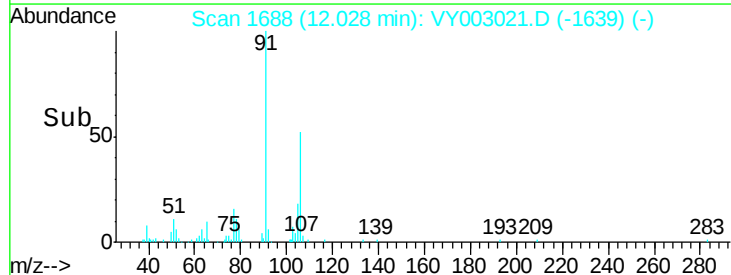
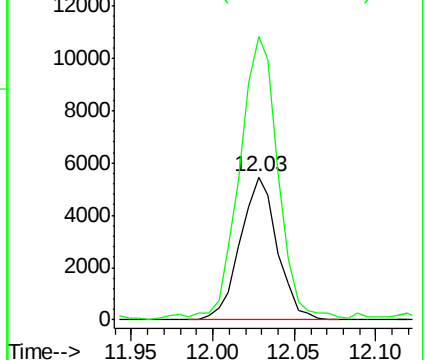
106 100

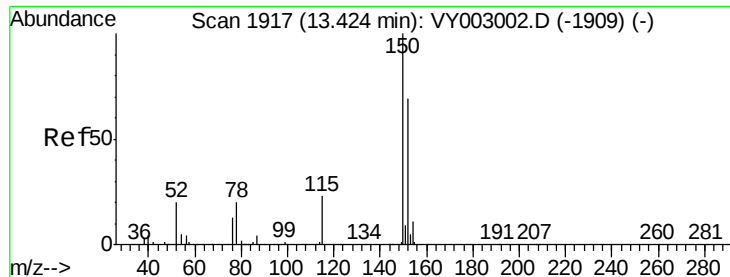
91 209.0 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



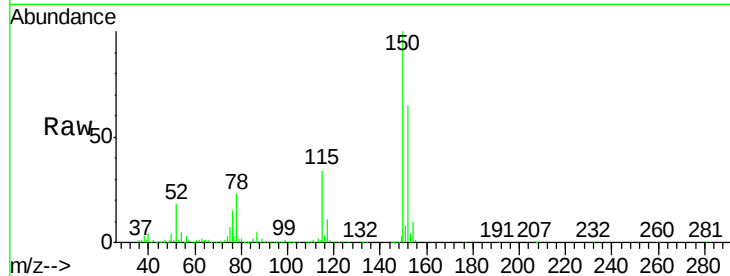


#72

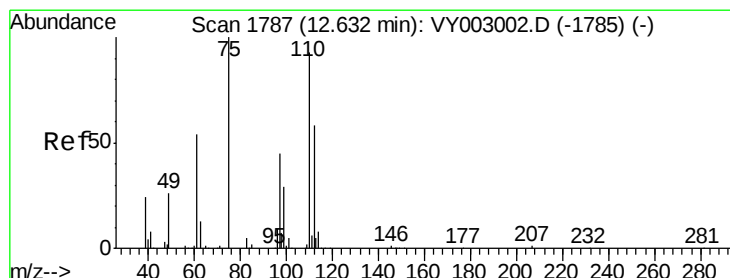
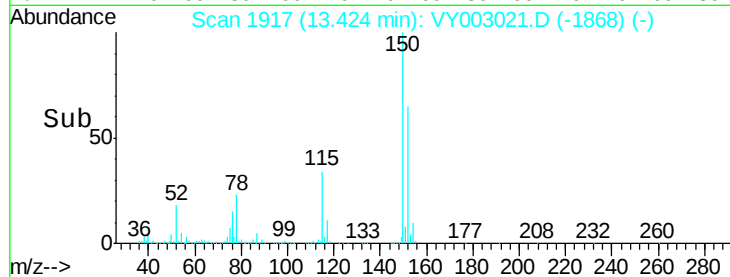
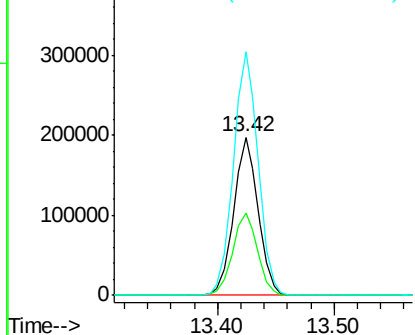
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

Instrument :
MSVOA_Y
ClientSampleId :
SP1-C

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.3	81.9
150	156.8	0.0	343.4



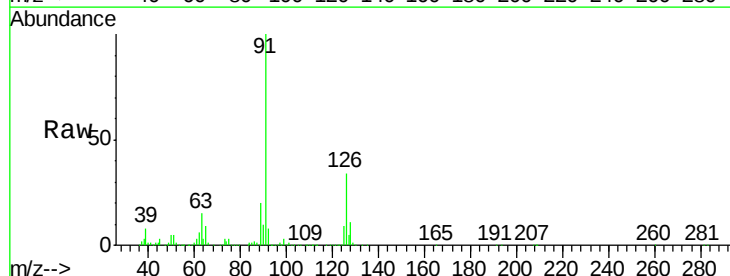
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



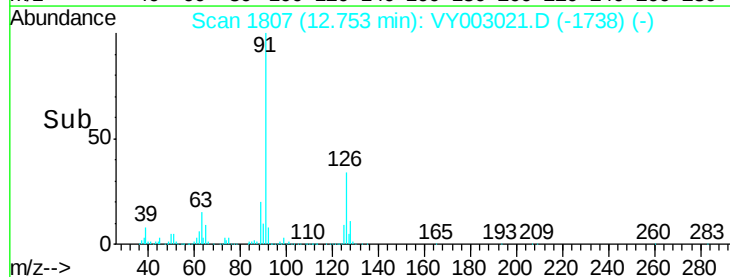
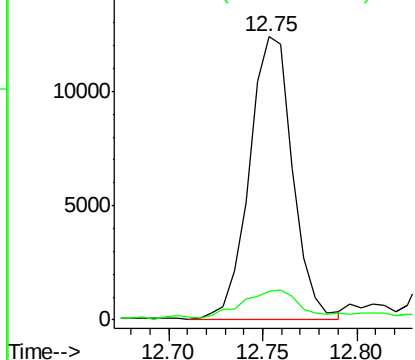
#76

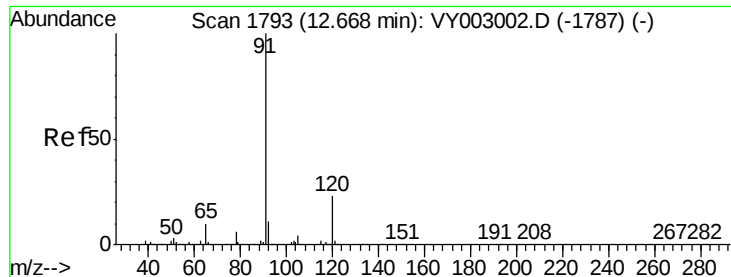
1,2,3-Trichloropropane
Concen: 6.980 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.12 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	12.7	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#78

n-propylbenzene

Concen: 31.364 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.09 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

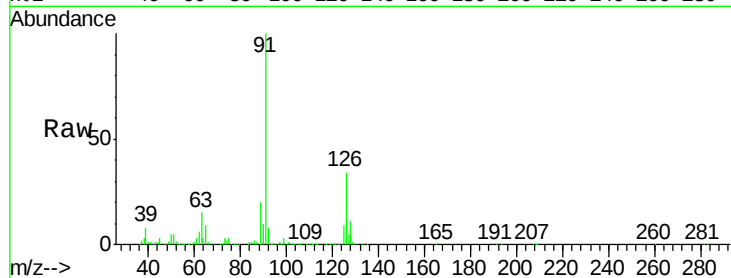
SP1-C

Tot Ion: 91 Resp: 706407

Ion Ratio Lower Upper

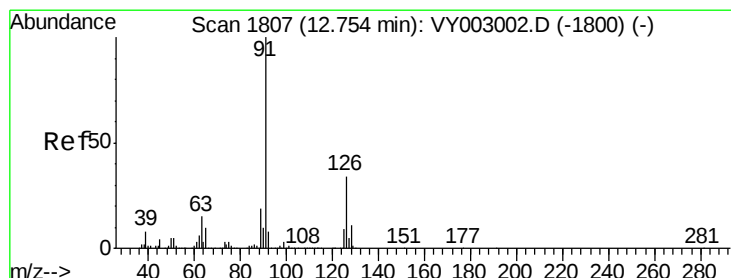
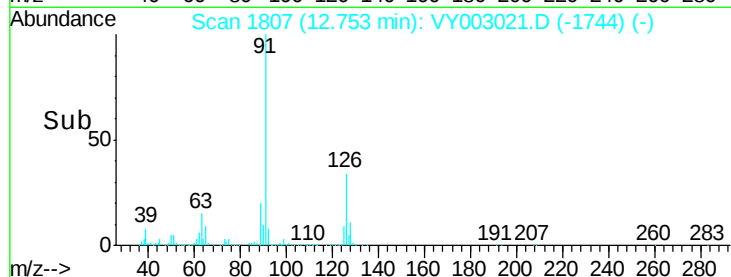
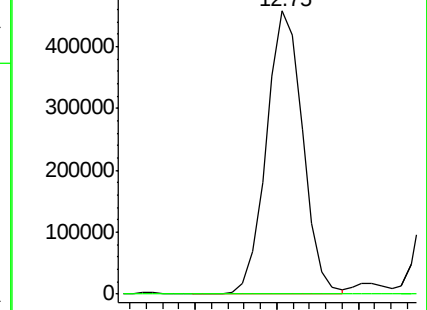
91 100

120 0.2 11.5 34.5#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 56.190 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003021.D

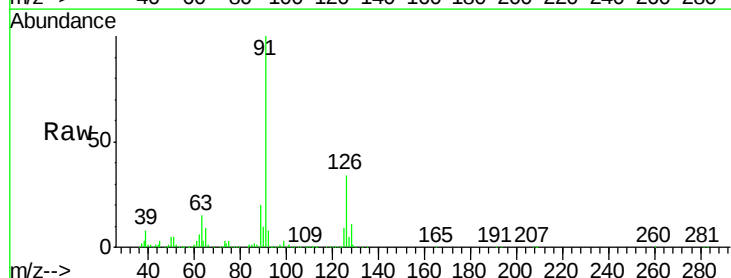
Acq: 29 Jun 2020 21:05

Tgt Ion: 91 Resp: 706407

Ion Ratio Lower Upper

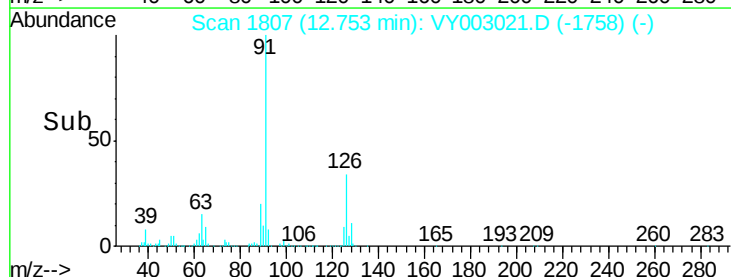
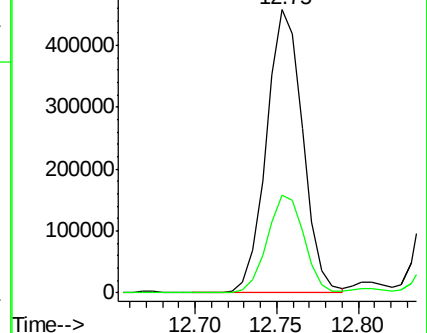
91 100

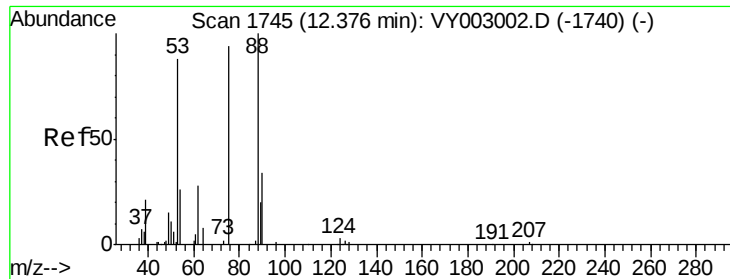
126 34.9 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

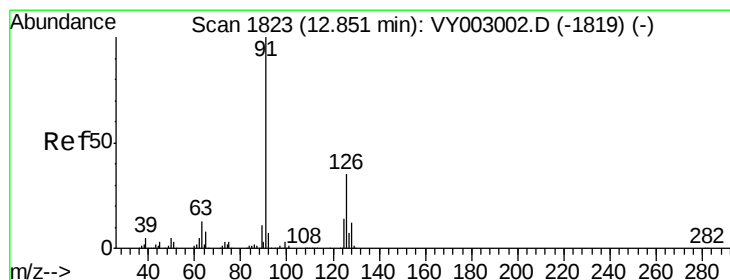
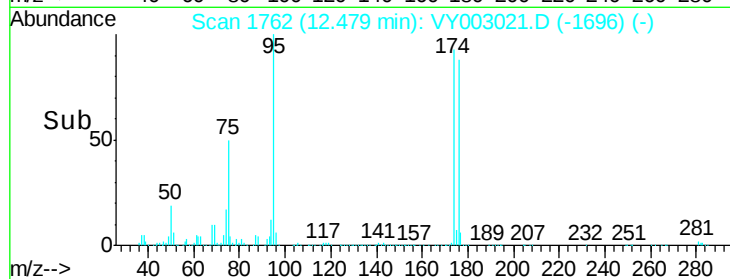
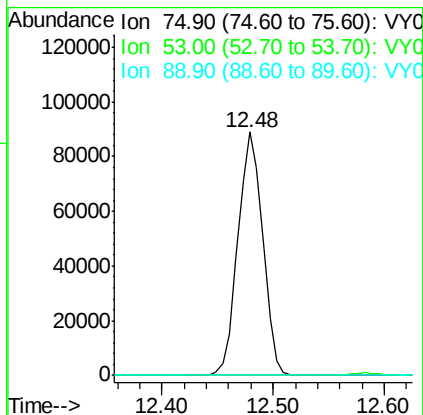
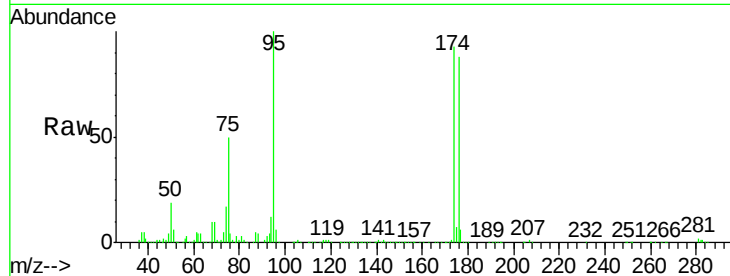




#81
trans-1,4-Dichloro-2-butene
Concen: 94.264 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

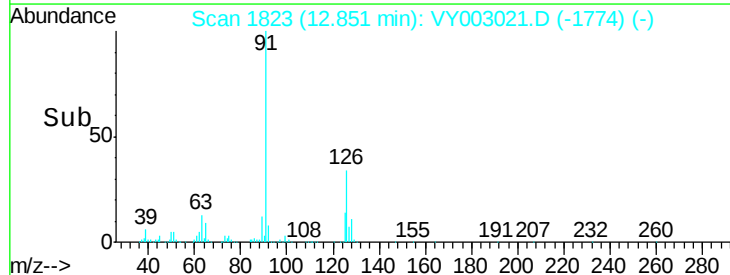
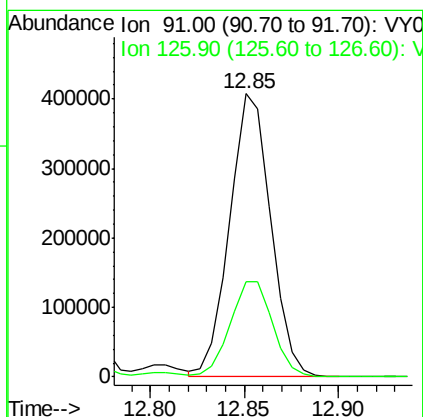
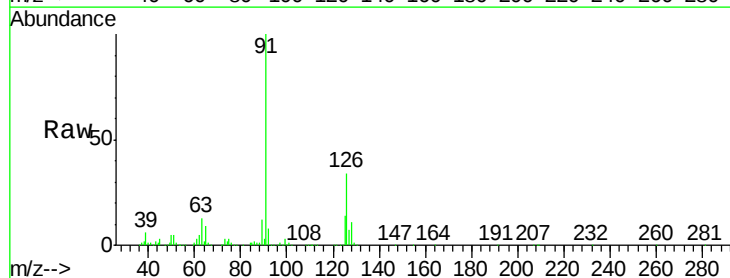
Instrument :
MSVOA_Y
ClientSampleId :
SP1-C

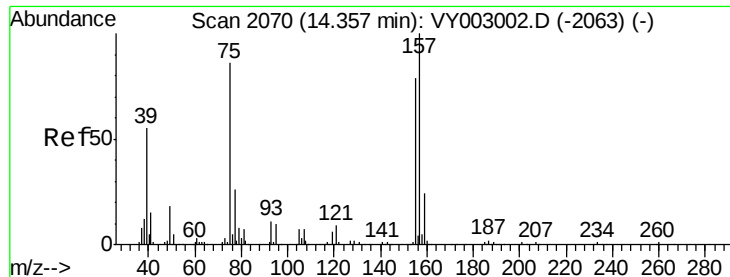
Tot Ion: 75 Resp: 137217
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 0.2 37.5 56.3#



#82
4-Chlorotoluene
Concen: 46.959 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003021.D
Acq: 29 Jun 2020 21:05

Tgt Ion: 91 Resp: 614661
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.160 ug/l

RT: 14.46 min Scan# 2087

Delta R.T. 0.10 min

Lab File: VY003021.D

Acq: 29 Jun 2020 21:05

Instrument :

MSVOA_Y

ClientSampleId :

SP1-C

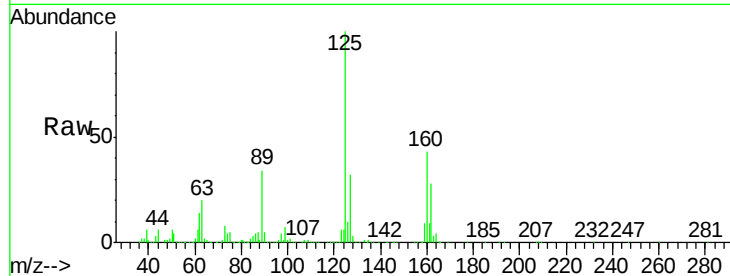
Tot Ion: 75 Resp: 36235

Ion Ratio Lower Upper

75 100

155 0.6 46.5 139.3#

157 2.6 59.2 177.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

