

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002729.D
 Acq On : 20 May 2020 14:57
 Operator : SY/MD
 Sample : L2718-02
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 02:45:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	555361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	505764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	155013	56.14	ug/l	0.00
Spiked Amount			Recovery	=	112.28%	
35) Dibromofluoromethane	7.72	113	164836	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
50) Toluene-d8	10.18	98	648674	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.48	95	216808	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

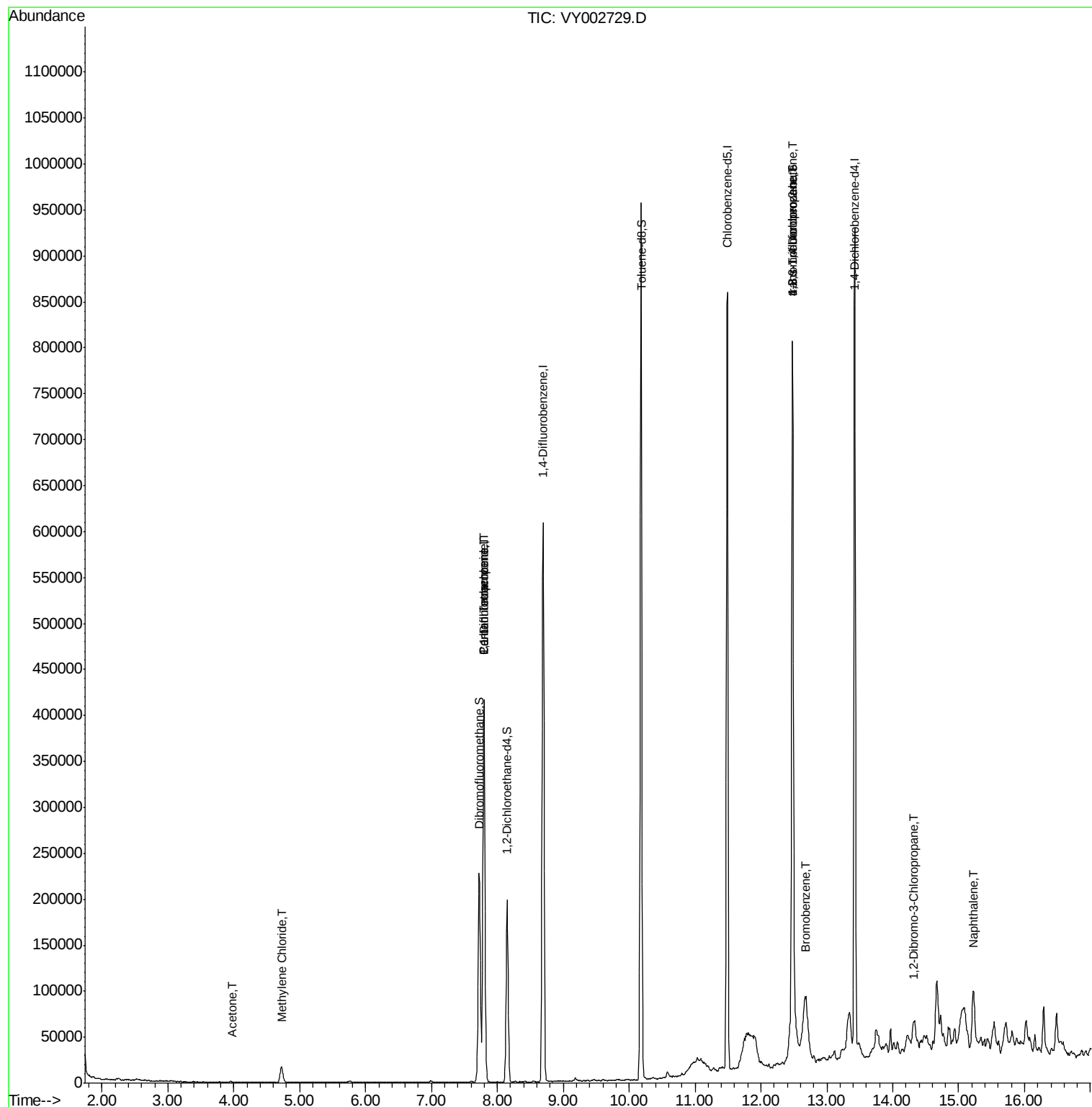
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1145	2.012	ug/l	97
20) Methylene Chloride	4.72	84	13710	3.985	ug/l	95
36) 1,1-Dichloropropene	7.80	75	21513	4.576	ug/l #	48
38) Carbon Tetrachloride	7.80	117	31618	6.257	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	106269	52.621	ug/l #	100
77) Bromobenzene	12.68	156	90496	22.533	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	106269	99.517	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.30	75	534	1.177	ug/l	81
93) 1,2,4-Trichlorobenzene	15.01	180	308	Below Cal	#	1
95) Naphthalene	15.23	128	15326	1.602	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.42	180	554	Below Cal	#	42

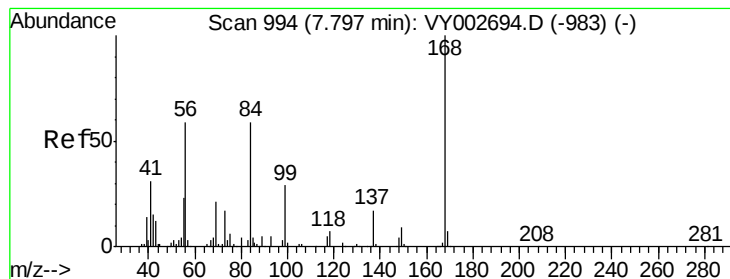
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
Data File : VY002729.D
Acq On : 20 May 2020 14:57
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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 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: VY002729.D

Acq: 20 May 2020 14:57

Instrument :

MSVOA_Y

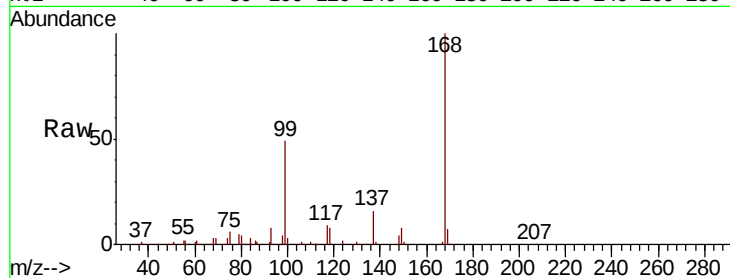
ClientSampleId :

Tot Ion:168 Resp: 352998

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002729.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002729.D (-945) (-)

7.80

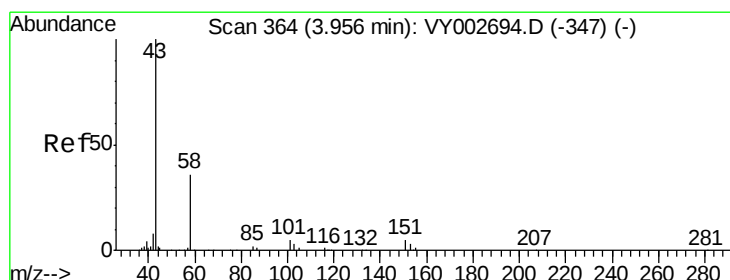
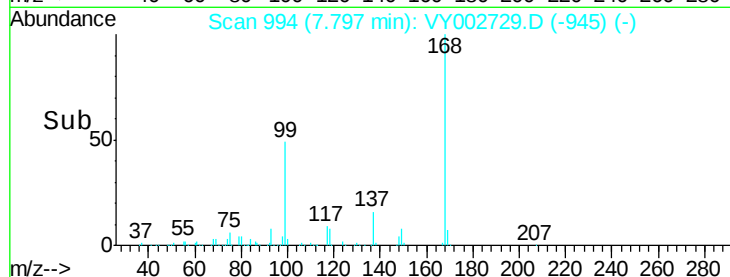
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.012 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002729.D

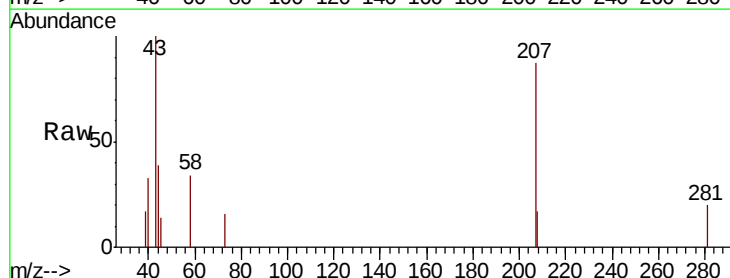
Acq: 20 May 2020 14:57

Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

58 34.0 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002729.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002729.D (-315) (-)

3.96

400

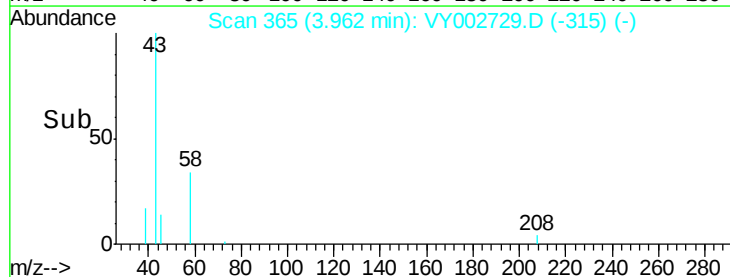
300

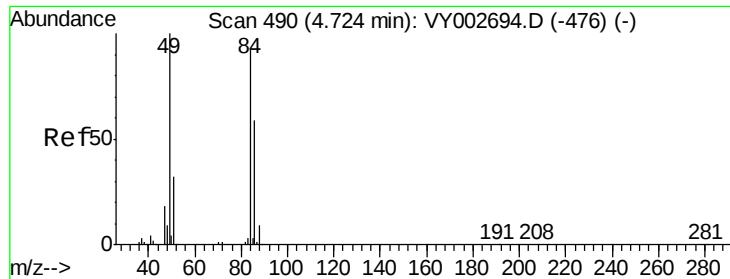
200

100

0

Time-->

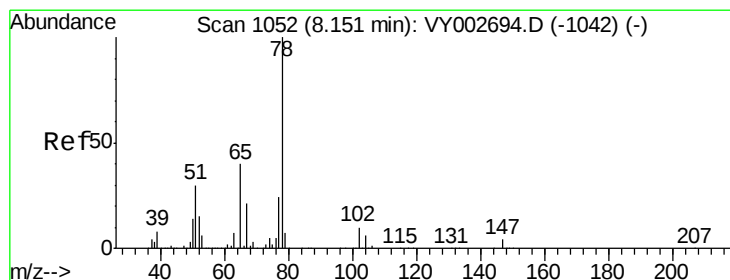
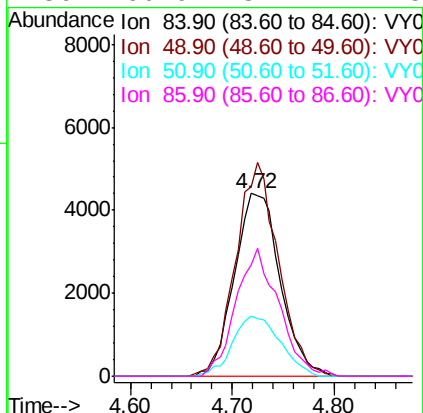
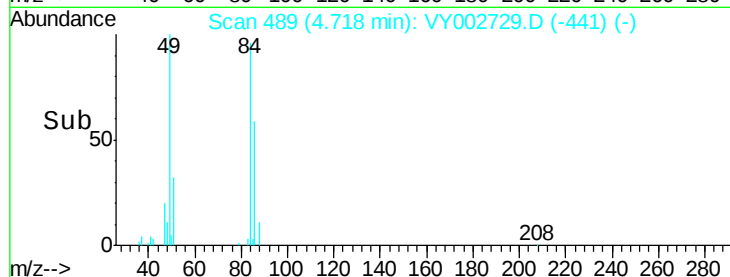
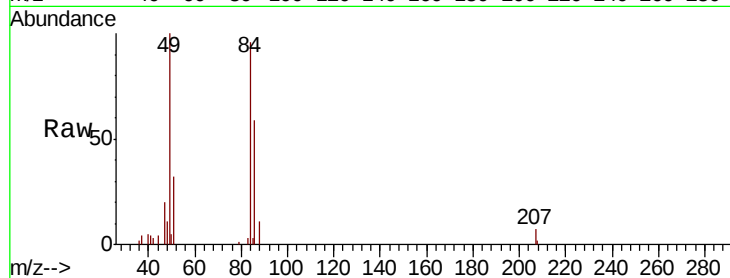




#20
Methvlene Chloride
Concen: 3.985 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002729.D
Acq: 20 May 2020 14:57

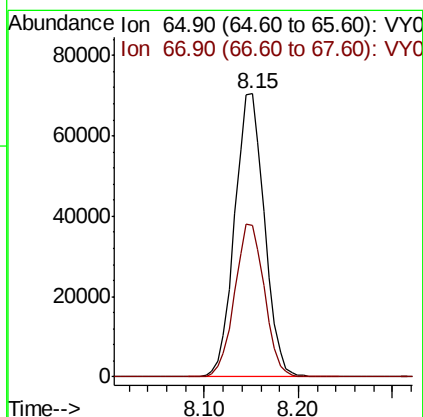
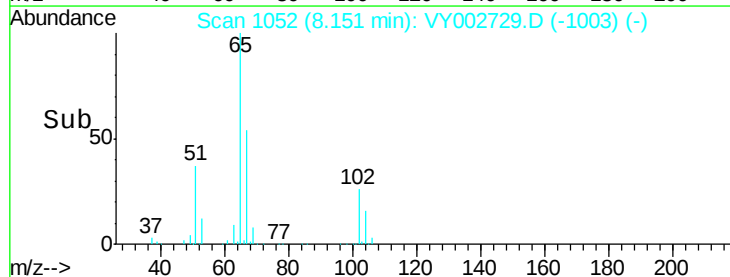
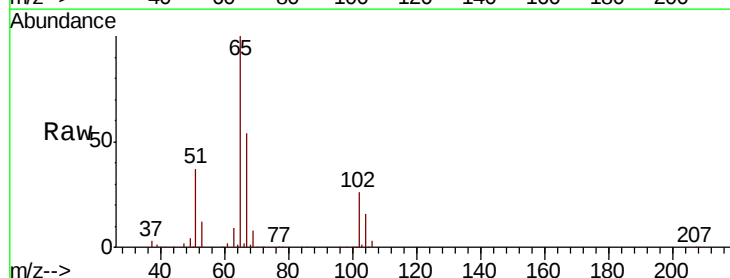
Instrument :
MSVOA_Y
ClientSampleId :

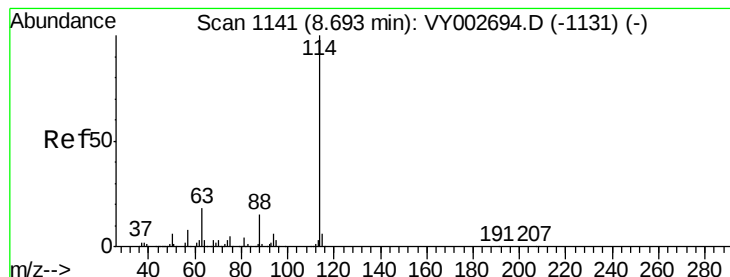
Tot Ion: 84 Resp: 13710
Ion Ratio Lower Upper
84 100
49 103.7 87.4 131.0
51 33.3 27.9 41.9
86 60.9 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 56.140 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY002729.D
Acq: 20 May 2020 14:57

Tgt Ion: 65 Resp: 155013
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

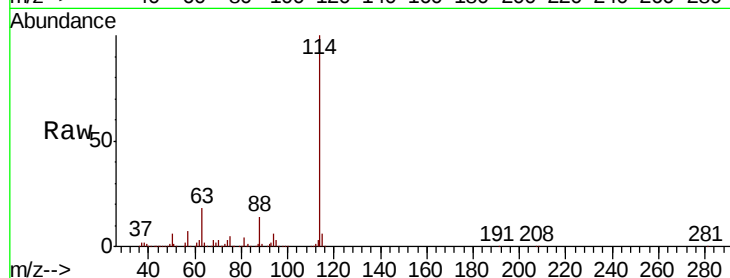
Tot Ion:114 Resp: 555361

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

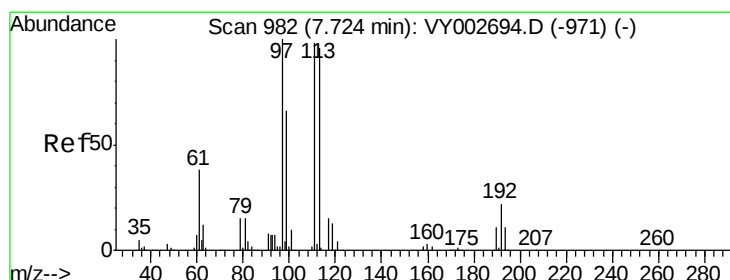
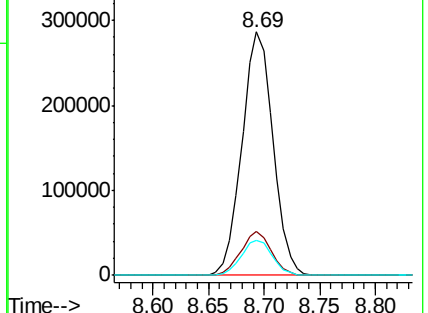
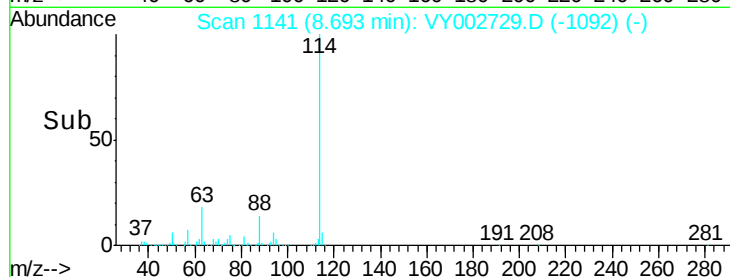
88 14.5 0.0 29.4



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: 53.782 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

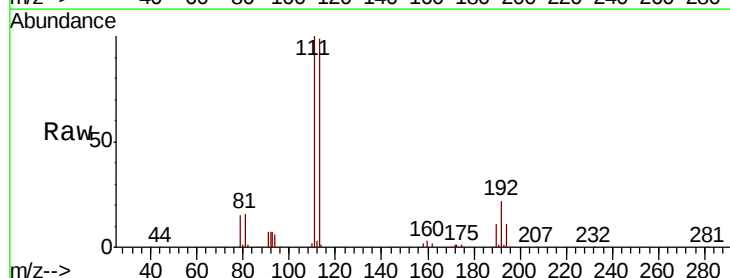
Tgt Ion:113 Resp: 164836

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

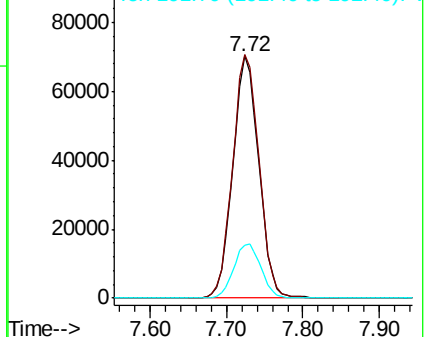
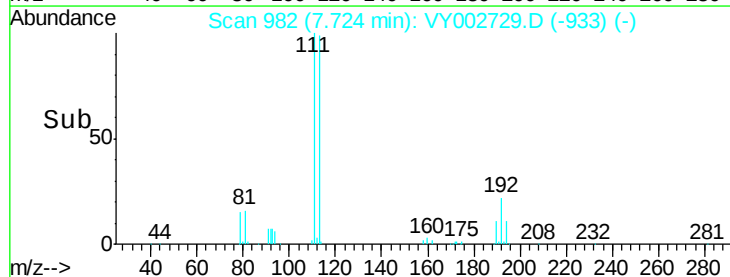
192 23.3 18.6 27.8

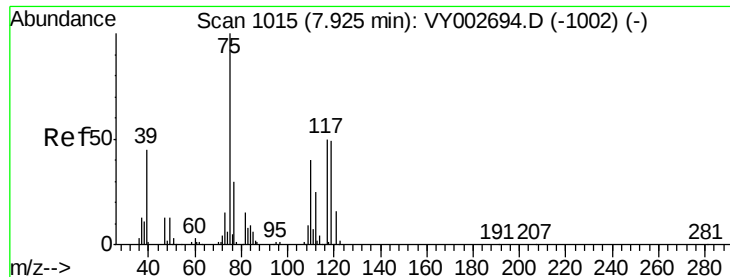


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.576 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :

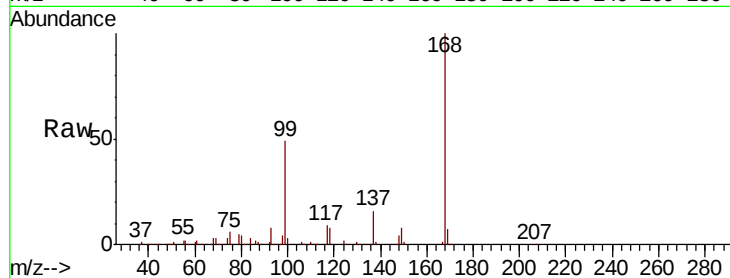
Tot Ion: 75 Resp: 21513

Ion Ratio Lower Upper

75 100

110 9.6 19.4 58.4#

77 0.0 25.0 37.4#

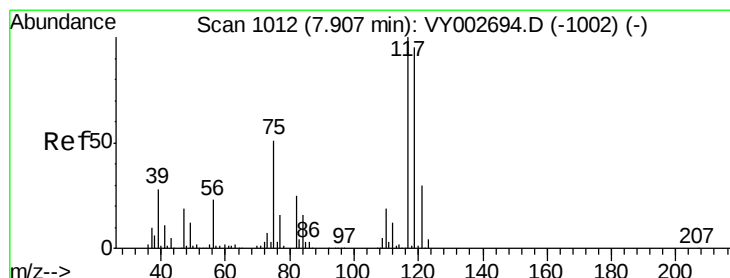
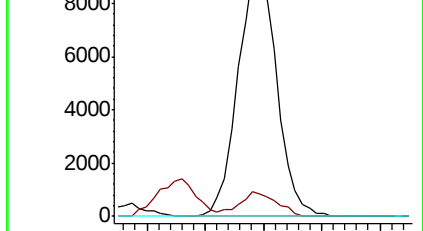
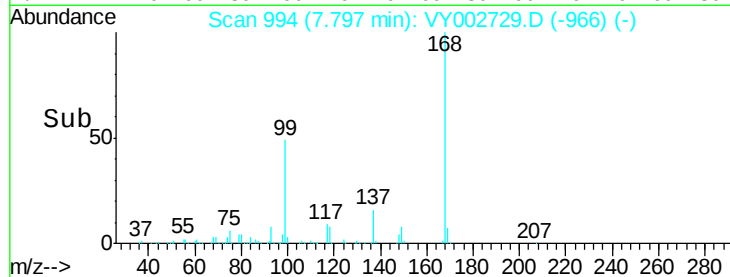


Abundance Ion 74.90 (74.60 to 75.60): VY002729.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002729.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002729.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.257 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

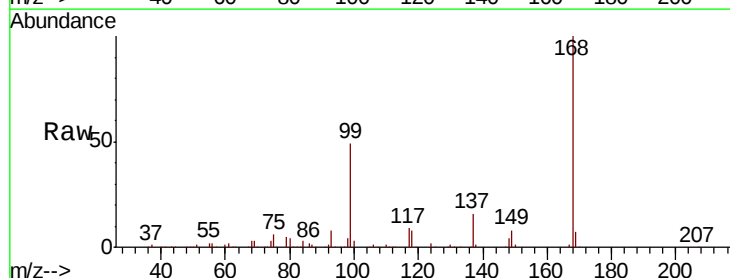
Tgt Ion: 117 Resp: 31618

Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

121 0.0 24.2 36.2#

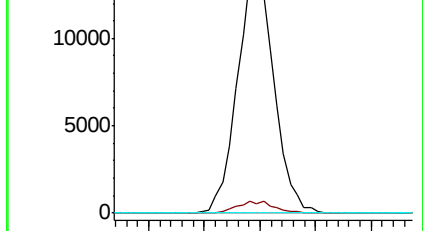
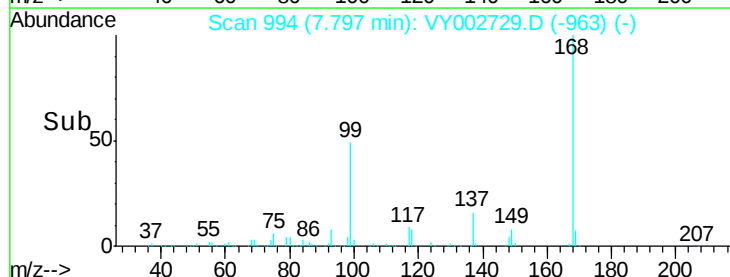


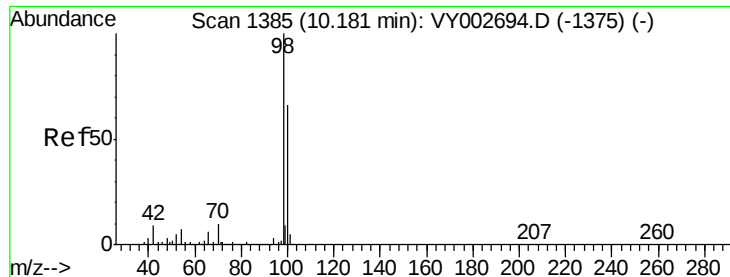
Abundance Ion 116.80 (116.50 to 117.50): VY002729.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002729.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002729.D (-963) (-)

Time-->





#50

Toluene-d8

Concen: 52.569 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

Instrument :

MSVOA_Y

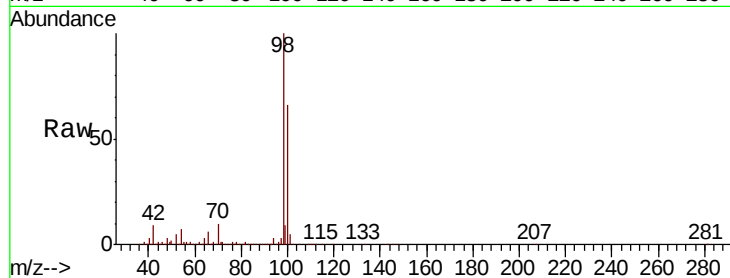
ClientSampleId :

Tot Ion: 98 Resp: 648674

Ion Ratio Lower Upper

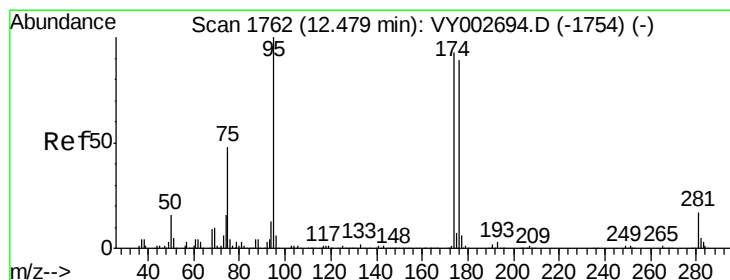
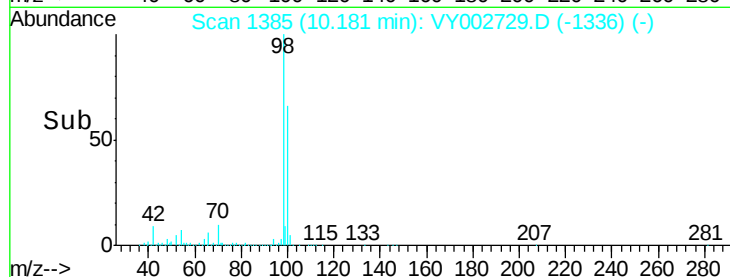
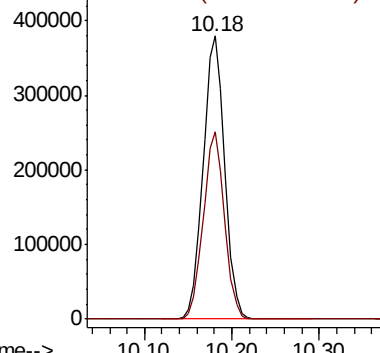
98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 51.120 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

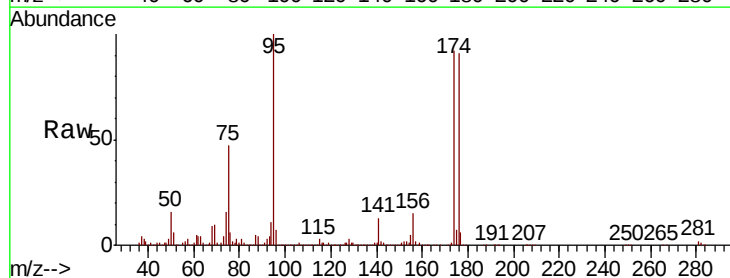
Tgt Ion: 95 Resp: 216808

Ion Ratio Lower Upper

95 100

174 93.9 0.0 191.4

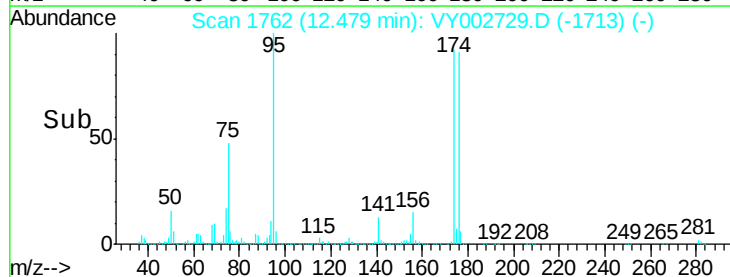
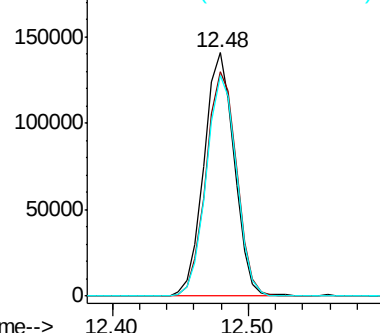
176 91.0 0.0 186.0

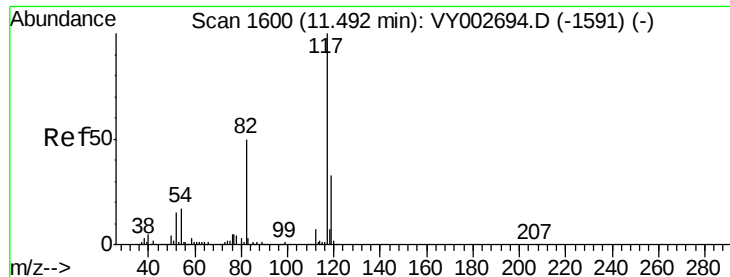


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

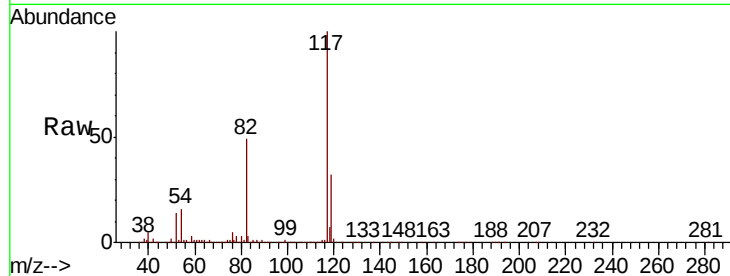
Tot Ion:117 Resp: 505764

Ion Ratio Lower Upper

117 100

82 49.4 40.3 60.5

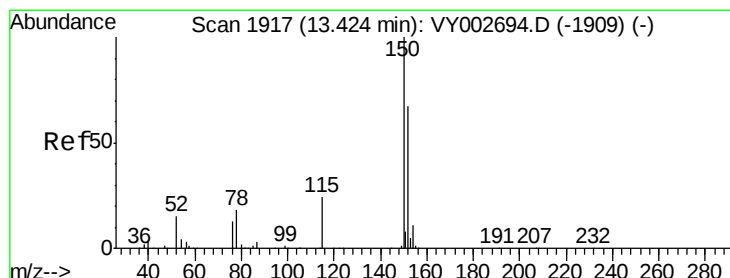
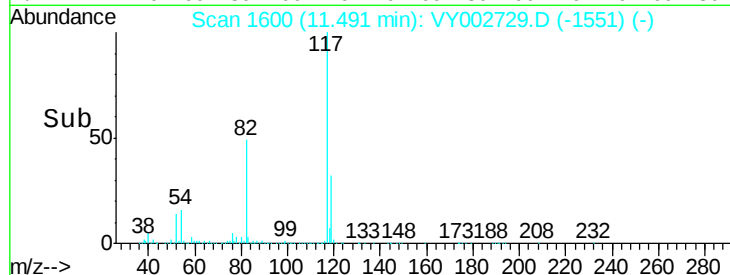
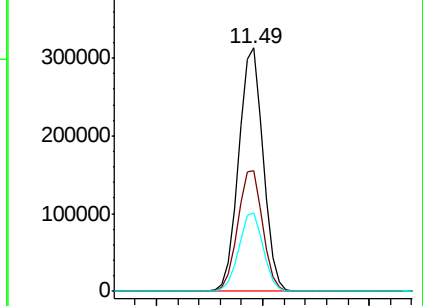
119 32.1 26.2 39.4



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: VY002729.D

Acq: 20 May 2020 14:57

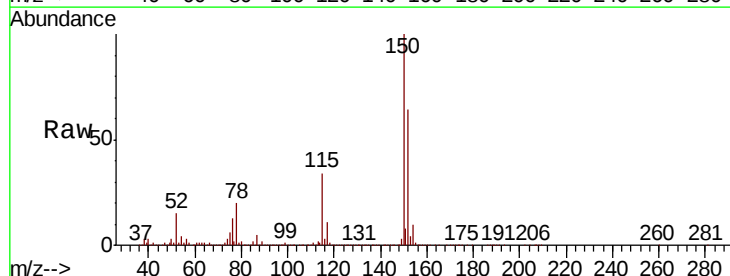
Tgt Ion:152 Resp: 245843

Ion Ratio Lower Upper

152 100

115 53.7 27.2 81.6

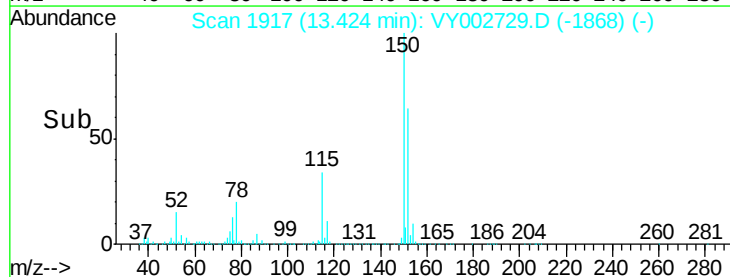
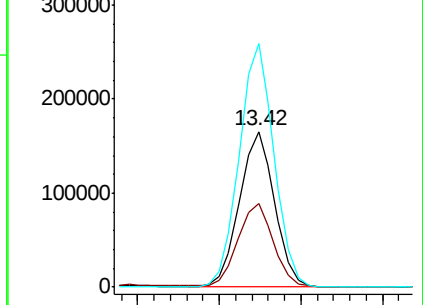
150 156.2 0.0 343.8

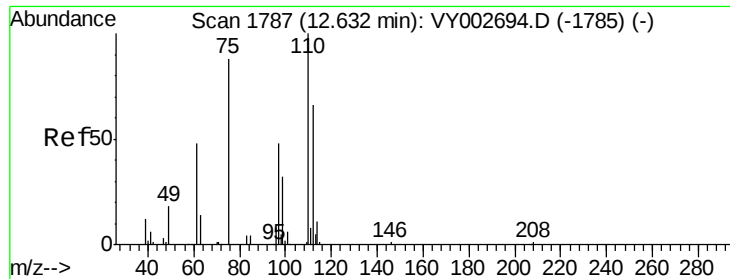


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

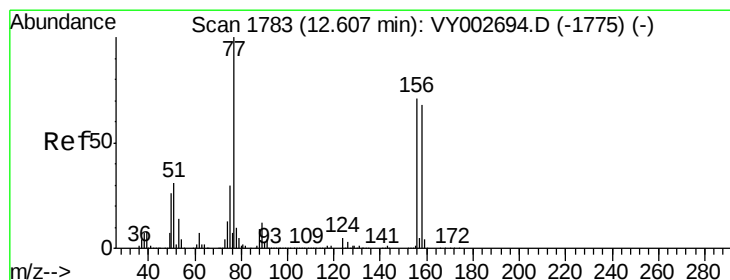
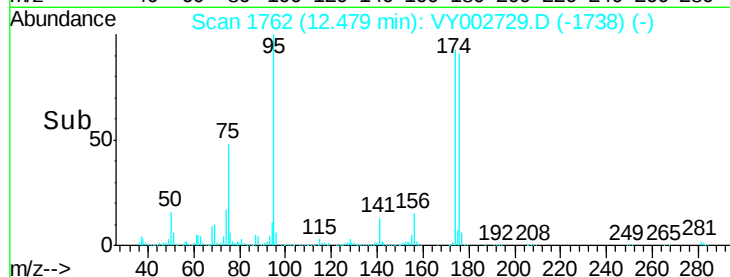
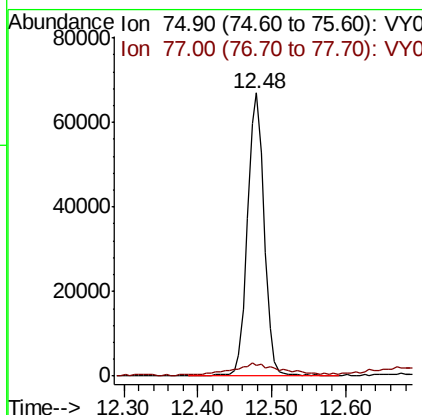
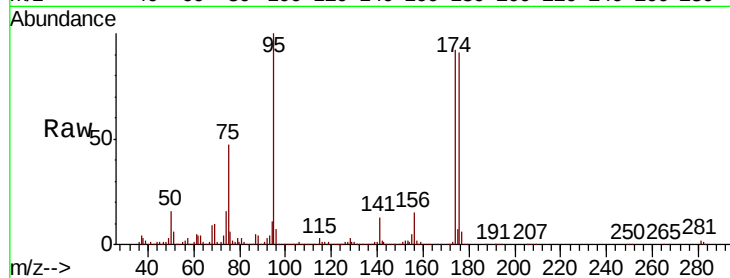




#76
 1,2,3-Trichloropropane
 Concen: 52.621 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY002729.D
 Acq: 20 May 2020 14:57

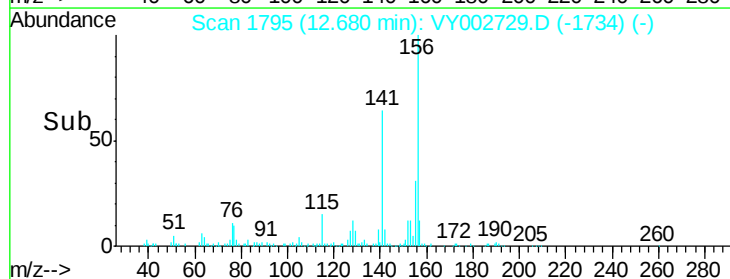
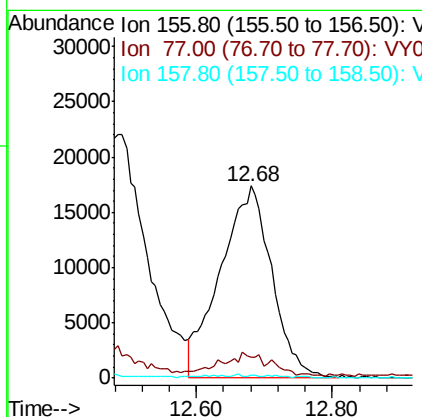
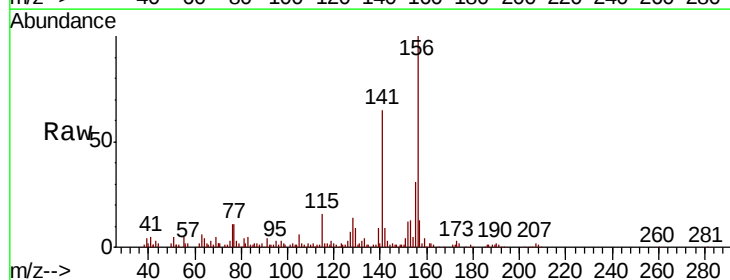
Instrument :
 MSVOA_Y
 ClientSampleId :

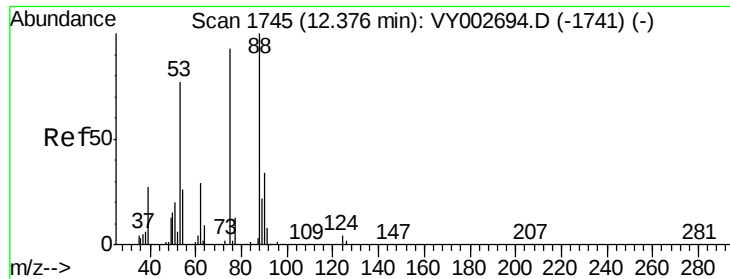
Tot Ion: 75 Resp: 106269
 Ion Ratio Lower Upper
 75 100
 77 11.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 22.533 ug/l
 RT: 12.68 min Scan# 1795
 Delta R.T. 0.07 min
 Lab File: VY002729.D
 Acq: 20 May 2020 14:57

Tgt Ion: 156 Resp: 90496
 Ion Ratio Lower Upper
 156 100
 77 0.0 80.8 242.3#
 158 0.2 49.0 147.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 99.517 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

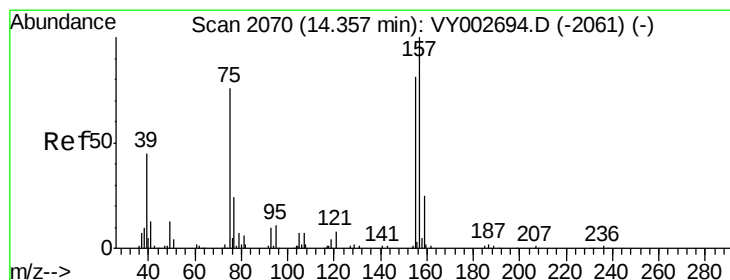
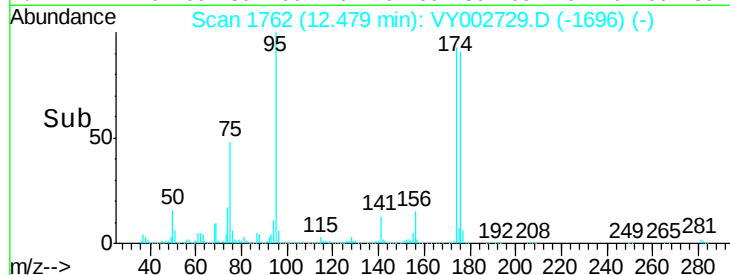
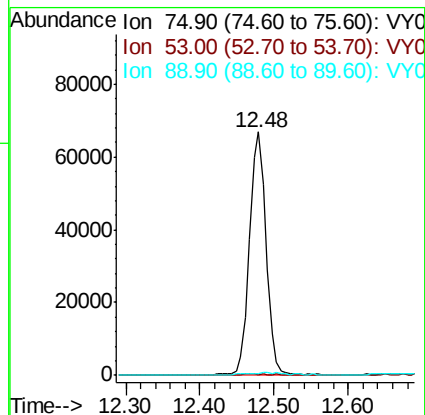
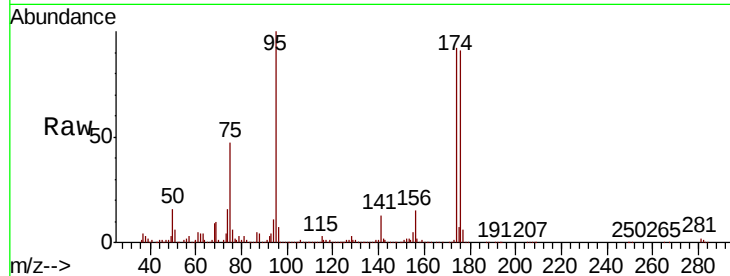
Tot Ion: 75 Resp: 106269

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.6#

89 1.2 66.6 99.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.177 ug/l

RT: 14.30 min Scan# 2061

Delta R.T. -0.06 min

Lab File: VY002729.D

Acq: 20 May 2020 14:57

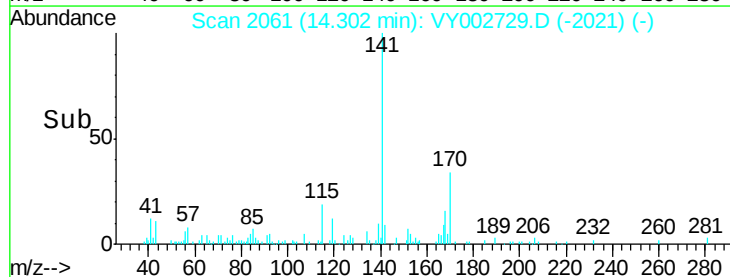
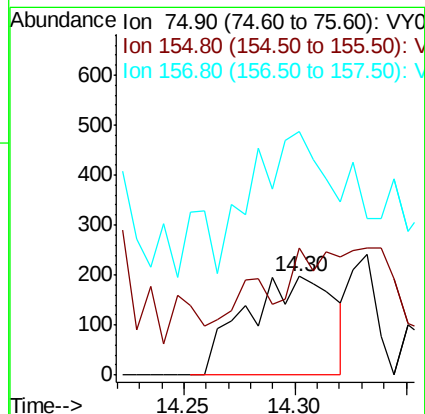
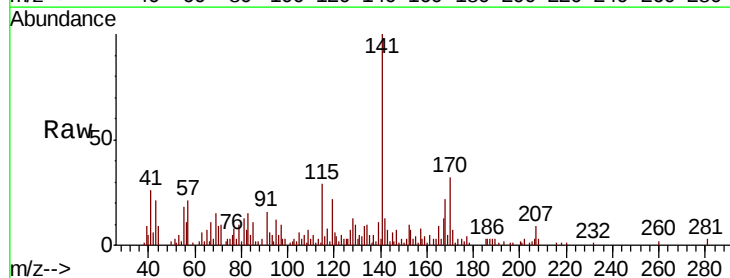
Tgt Ion: 75 Resp: 534

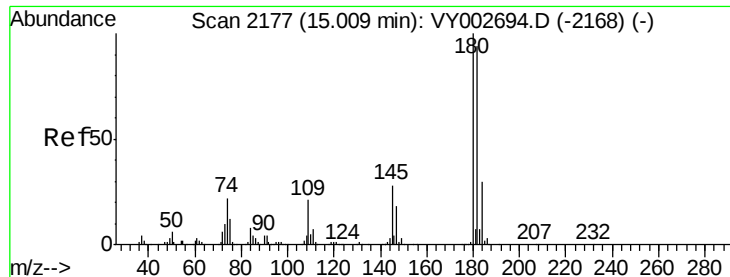
Ion Ratio Lower Upper

75 100

155 81.1 53.5 160.7

157 153.0 67.9 203.7

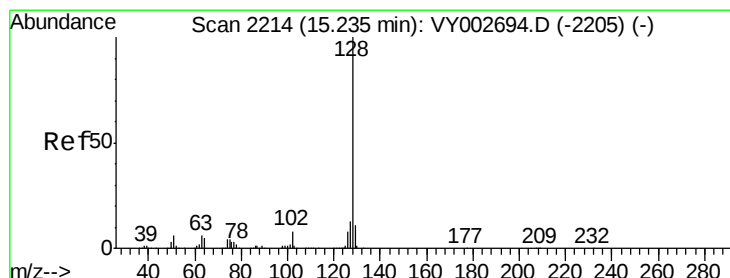
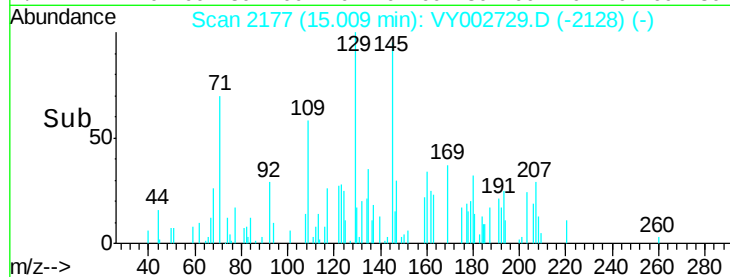
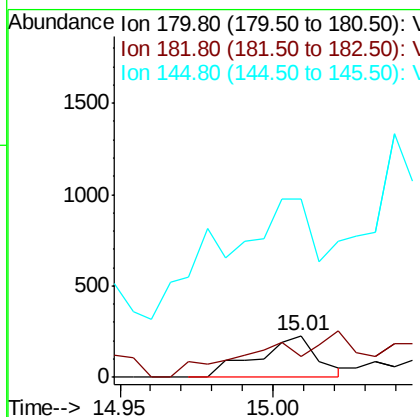
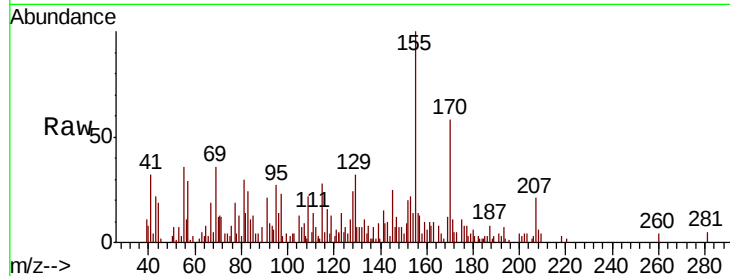




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002729.D
 Acq: 20 May 2020 14:57

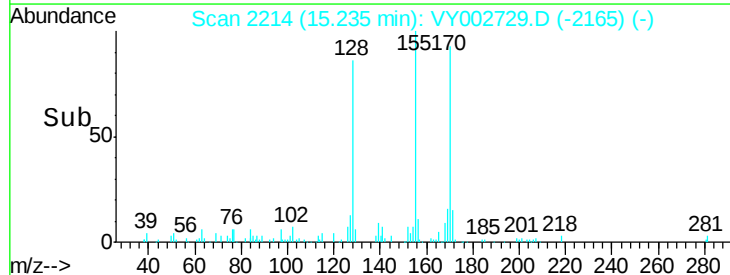
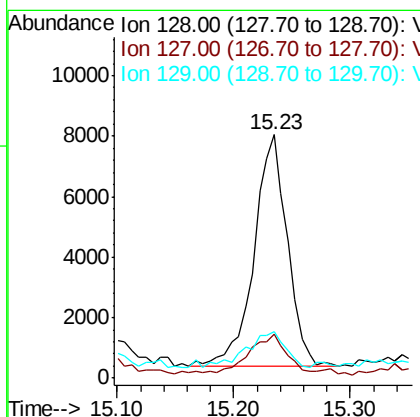
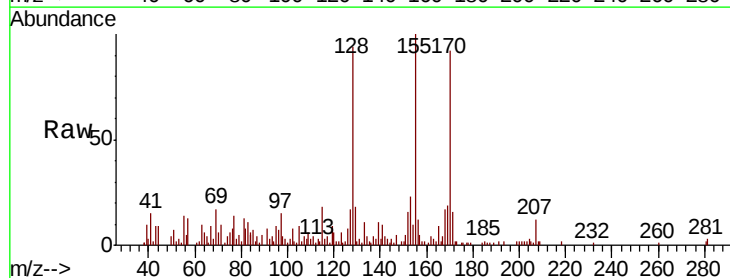
Instrument :
 MSVOA_Y
 ClientSampleId :

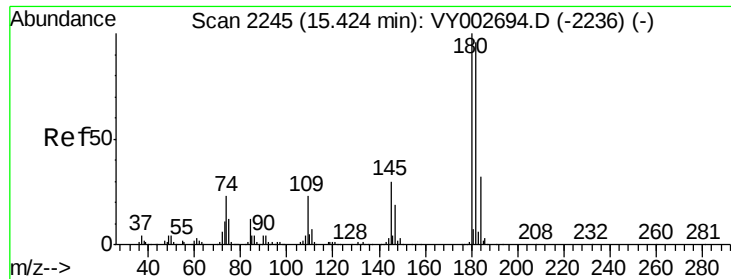
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.3	142.0
145	601.0	14.1	42.2#



#95
 Naphthalene
 Concen: 1.602 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY002729.D
 Acq: 20 May 2020 14:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.9	10.3	15.5#
129	17.8	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: VY002729.D
 Acq: 20 May 2020 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	38.1	47.6	142.9#
145	0.0	15.1	45.3#

