

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002725.D
 Acq On : 20 May 2020 12:45
 Operator : SY/MD
 Sample : L2722-02
 Misc : 5.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 21 02:44:09 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	341869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	539504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	487438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246284	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	152110	56.88	ug/l	0.00
Spiked Amount			Recovery	=	113.76%	
35) Dibromofluoromethane	7.73	113	159676	53.63	ug/l	0.00
Spiked Amount			Recovery	=	107.26%	
50) Toluene-d8	10.18	98	627928	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	210400	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	

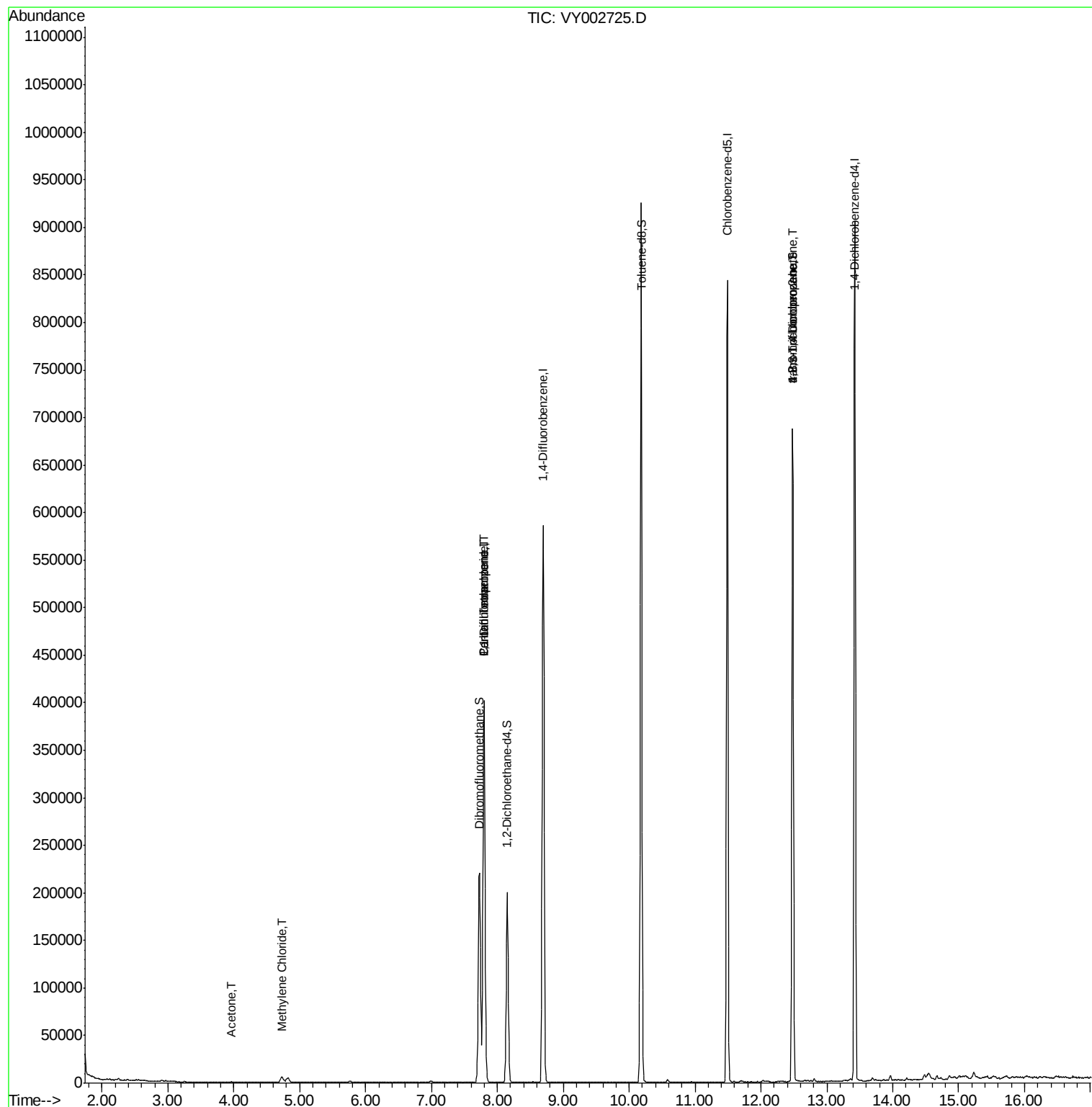
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	897	1.627	ug/l	90
20) Methylene Chloride	4.72	84	4914	1.475	ug/l	94
36) 1,1-Dichloropropene	7.80	75	20642	4.520	ug/l #	49
38) Carbon Tetrachloride	7.80	117	29938	6.099	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	99553	49.207	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	99553	93.061	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.00	180	666	Below Cal	#	84
94) Hexachlorobutadiene	15.11	225	151	Below Cal	#	71
96) 1,2,3-Trichlorobenzene	15.42	180	843	Below Cal	#	76

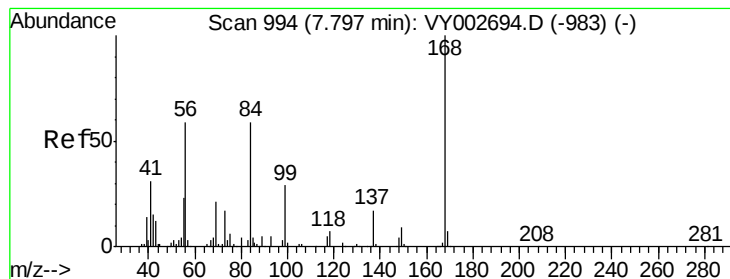
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
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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: VY002725.D

Acq: 20 May 2020 12:45

Instrument :

MSVOA_Y

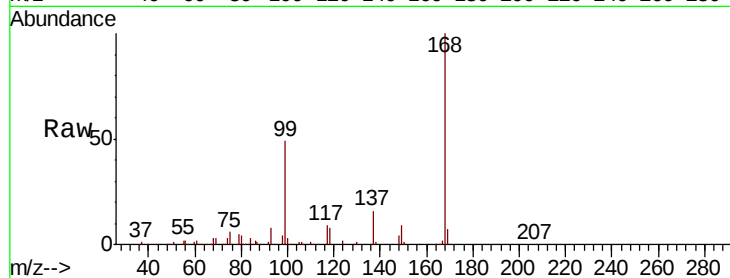
ClientSampled :

Tot Ion:168 Resp: 341869

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002725.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002725.D (-945) (-)

7.80

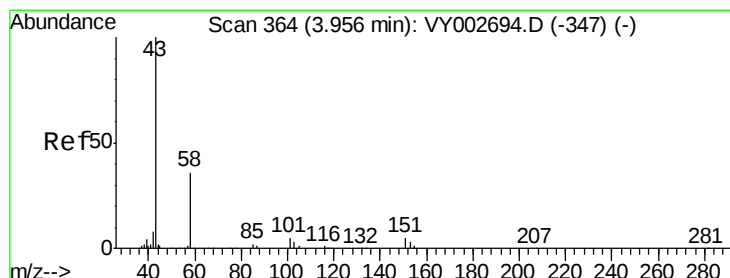
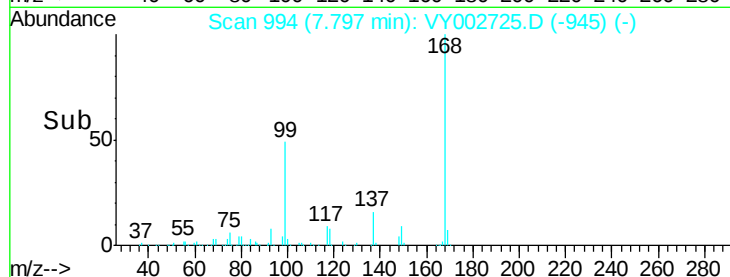
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.627 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002725.D

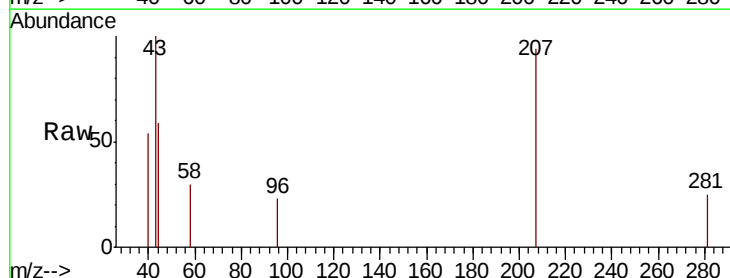
Acq: 20 May 2020 12:45

Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

43 100

58 30.0 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002725.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002725.D (-315) (-)

3.97

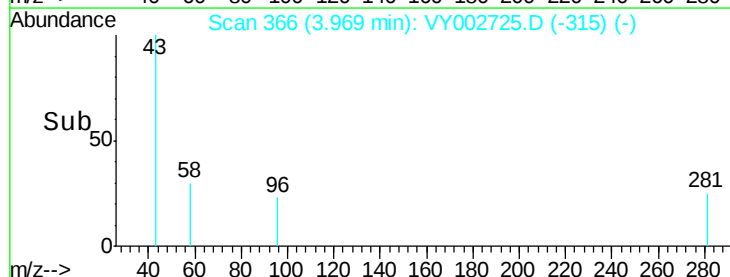
300

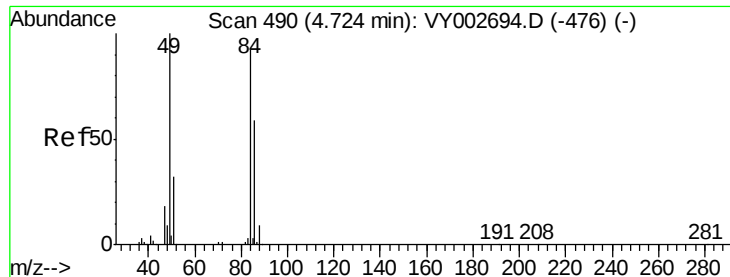
200

100

0

Time-->

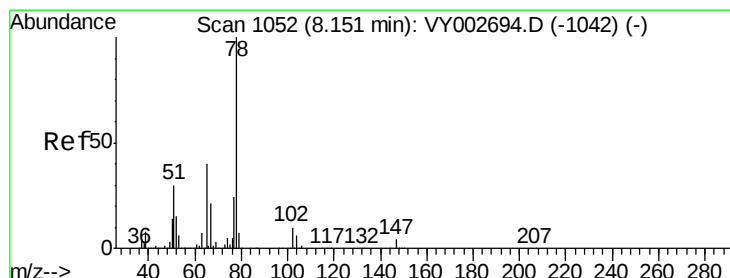
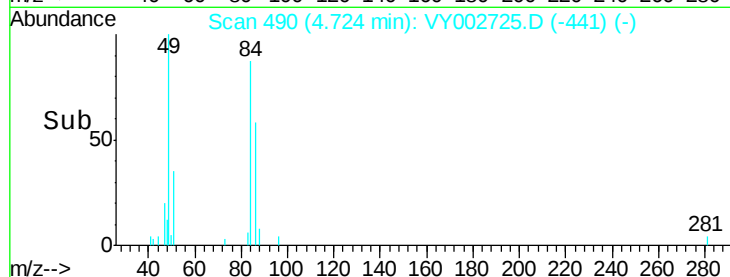
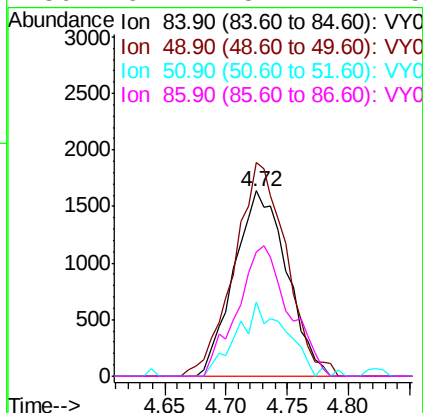
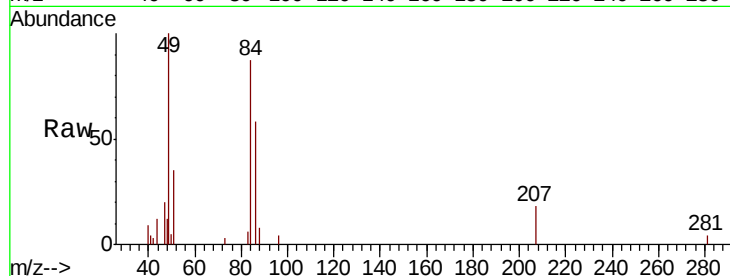




#20
Methylene Chloride
Concen: 1.475 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002725.D
Acq: 20 May 2020 12:45

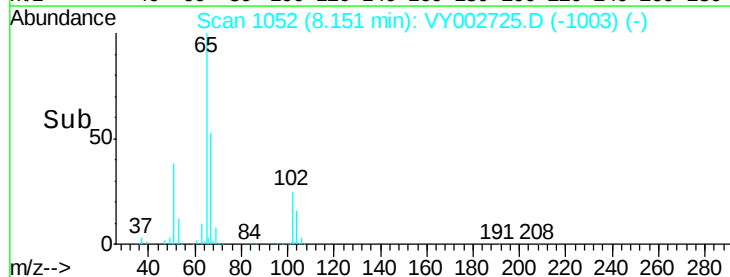
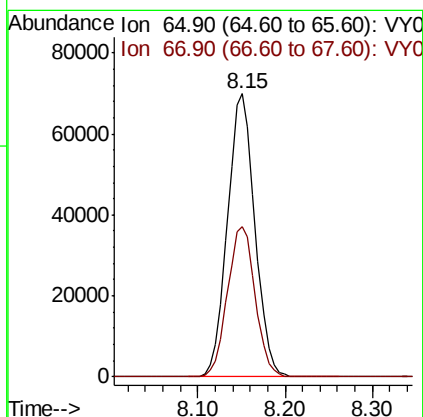
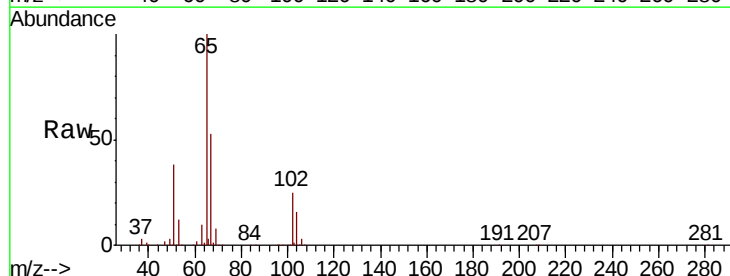
Instrument :
MSVOA_Y
ClientSampled :

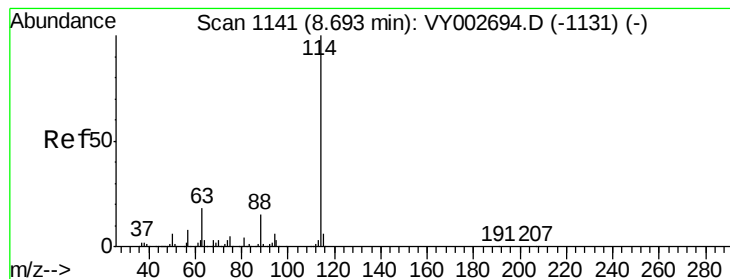
Tot Ion: 84 Resp: 4914
Ion Ratio Lower Upper
84 100
49 115.4 87.4 131.0
51 40.0 27.9 41.9
86 67.4 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002725.D
Acq: 20 May 2020 12:45

Tgt Ion: 65 Resp: 152110
Ion Ratio Lower Upper
65 100
67 53.8 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: VY002725.D

Acq: 20 May 2020 12:45

Instrument :

MSVOA_Y

ClientSampleId :

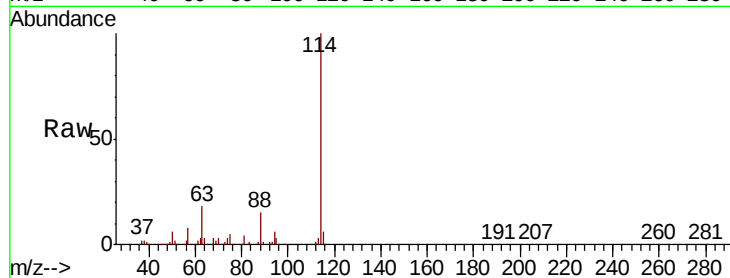
Tot Ion:114 Resp: 539504

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

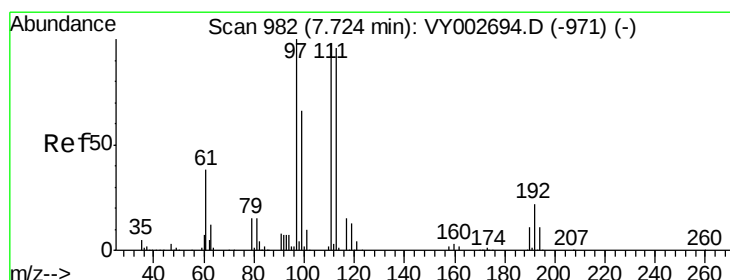
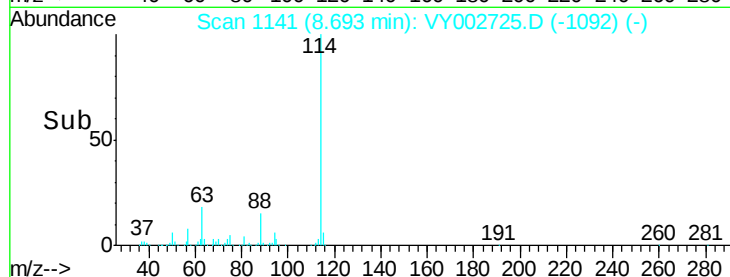
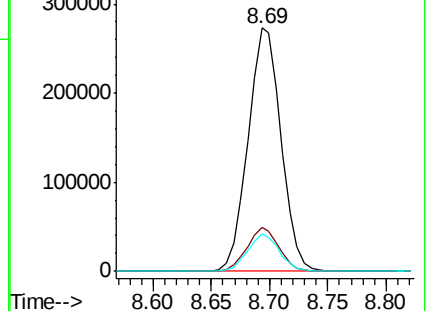
88 15.2 0.0 29.4



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: 53.629 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

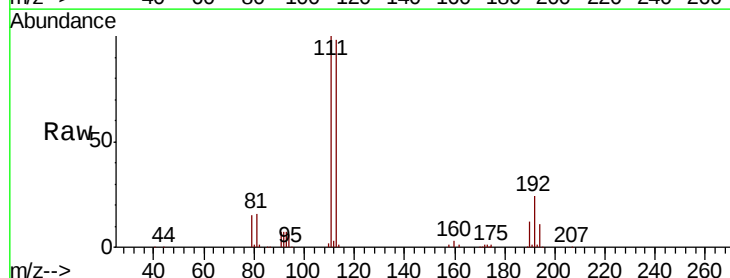
Tgt Ion:113 Resp: 159676

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

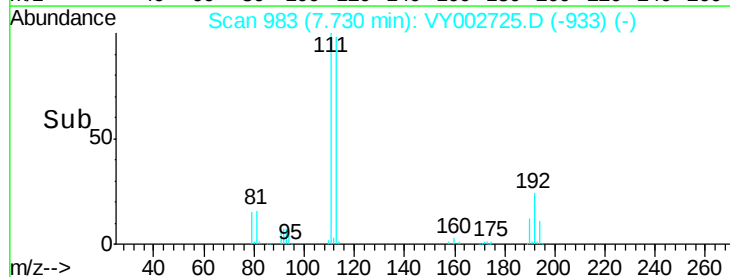
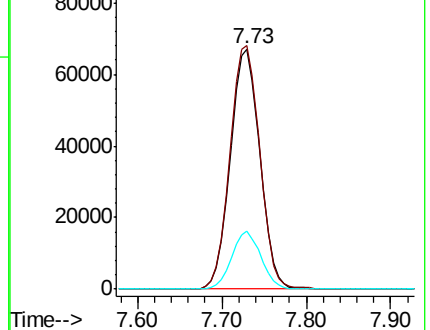
192 23.6 18.6 27.8

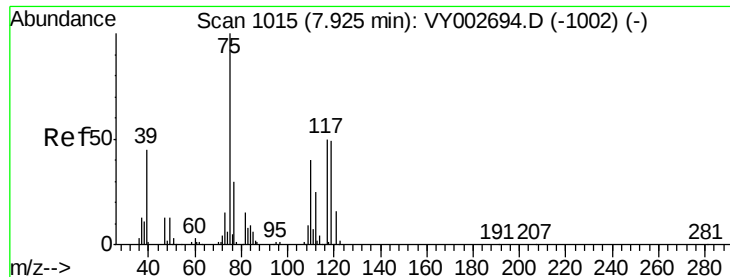


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

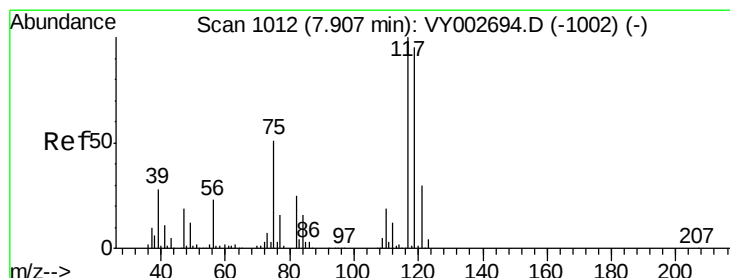
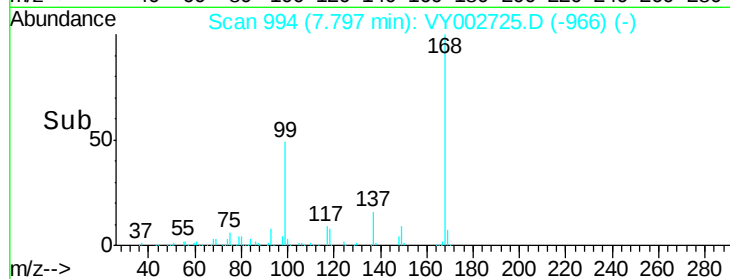
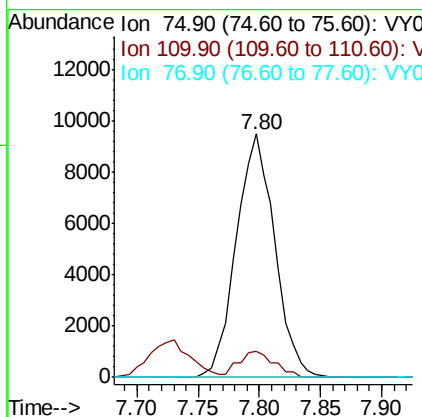
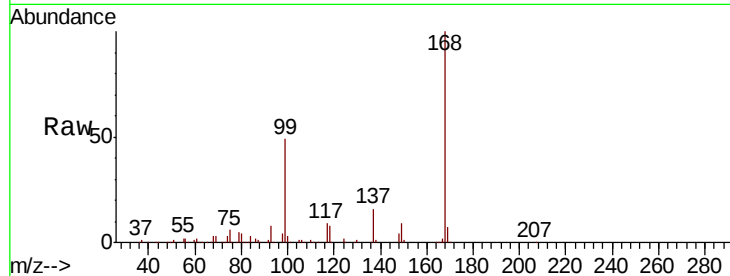




#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002725.D
 Acq: 20 May 2020 12:45

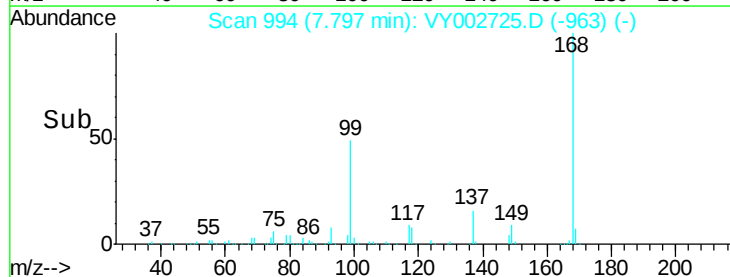
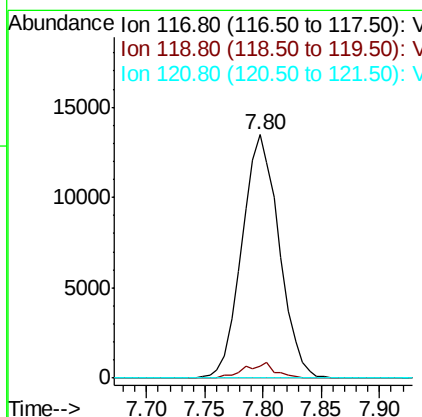
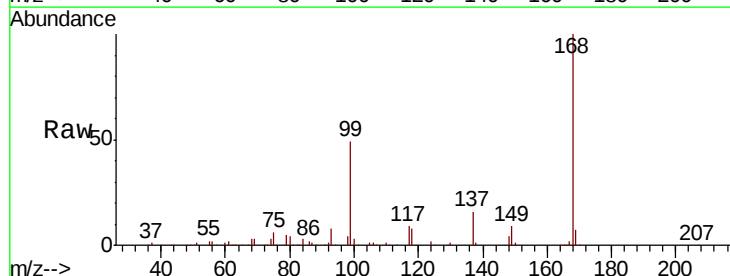
Instrument :
 MSVOA_Y
 ClientSampleId :

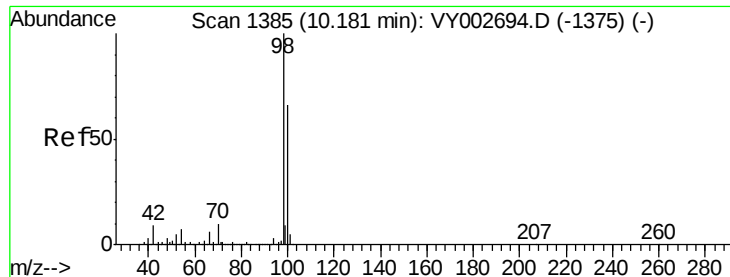
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.4	58.4#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.099 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002725.D
 Acq: 20 May 2020 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.3	114.5#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 52.383 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

Instrument :

MSVOA_Y

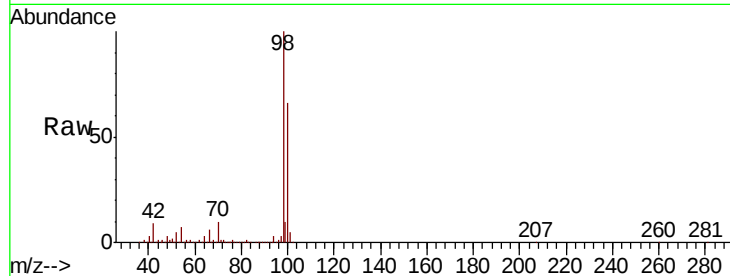
ClientSampleId :

Tot Ion: 98 Resp: 627928

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

10.18

400000

300000

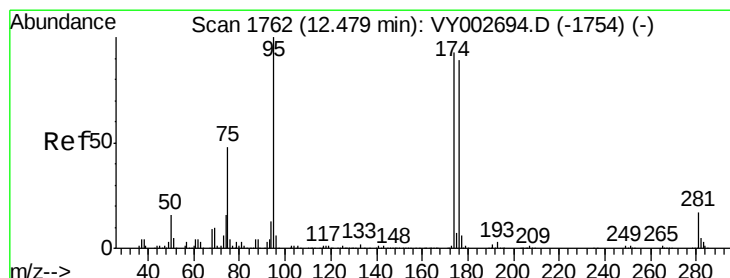
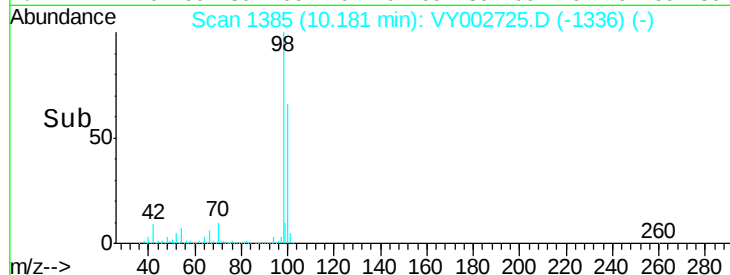
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 51.067 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

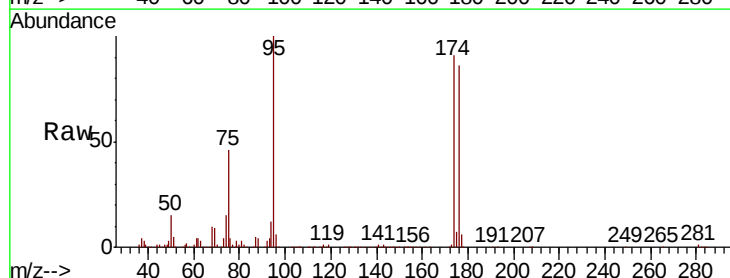
Tgt Ion: 95 Resp: 210400

Ion Ratio Lower Upper

95 100

174 94.2 0.0 191.4

176 91.3 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

12.48

150000

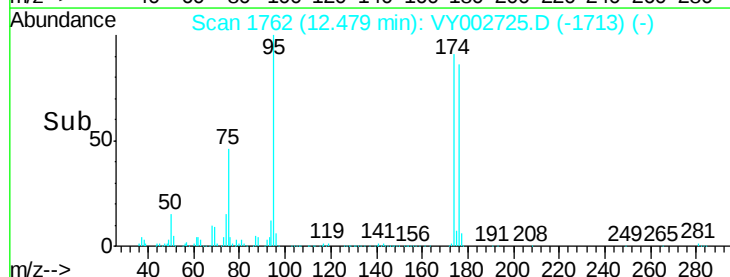
100000

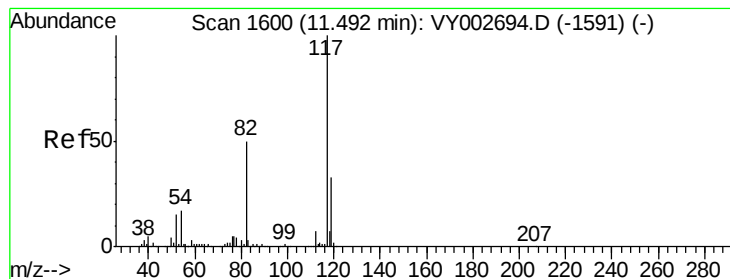
50000

0

Time-->

12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

Instrument :

MSVOA_Y

ClientSampleId :

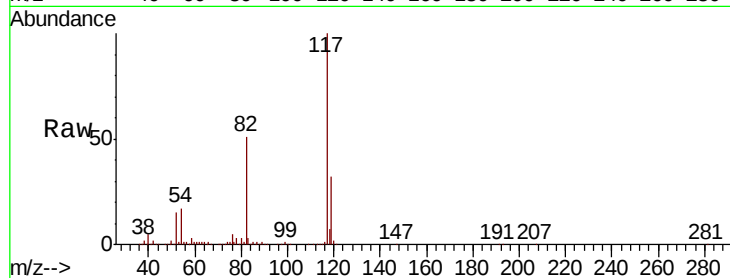
Tot Ion:117 Resp: 487438

Ion Ratio Lower Upper

117 100

82 50.9 40.3 60.5

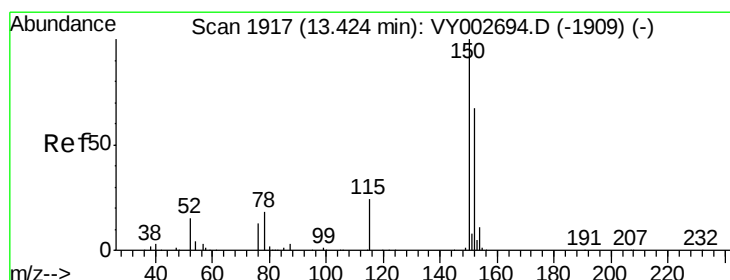
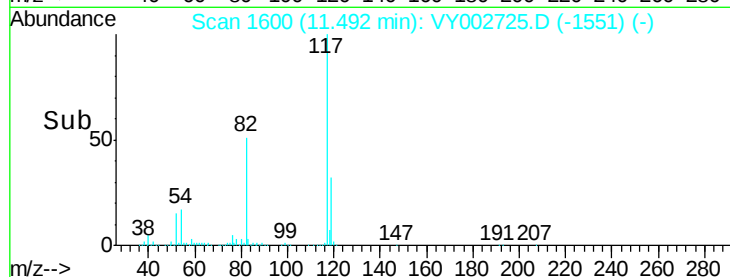
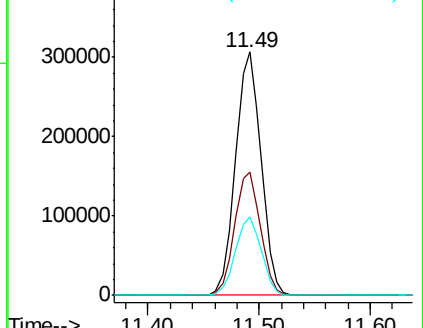
119 32.4 26.2 39.4



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: VY002725.D

Acq: 20 May 2020 12:45

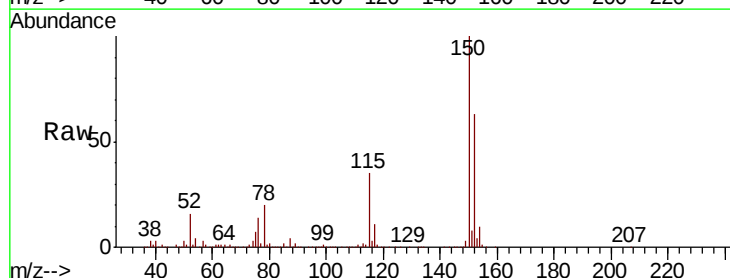
Tgt Ion:152 Resp: 246284

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

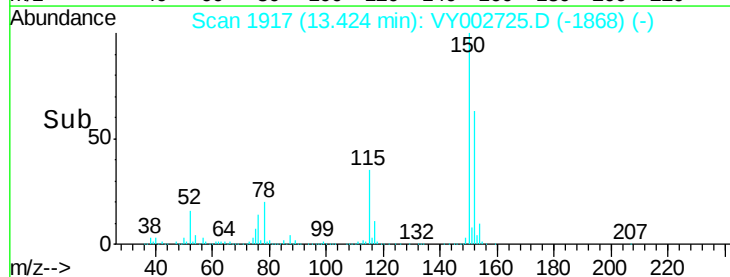
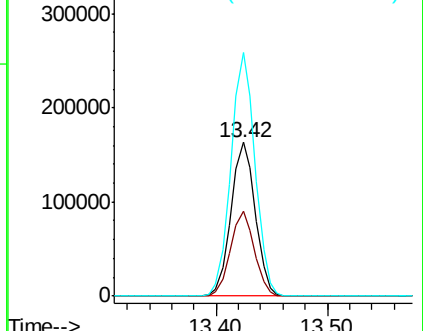
150 156.9 0.0 343.8

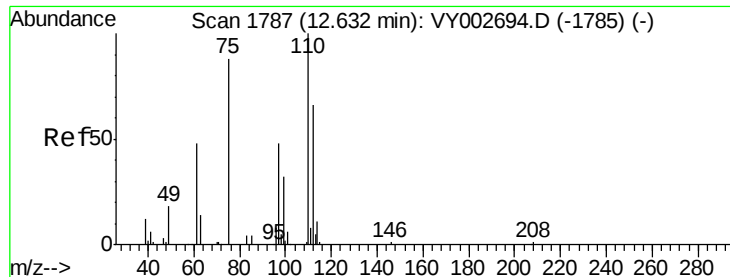


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.207 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

Instrument :

MSVOA_Y

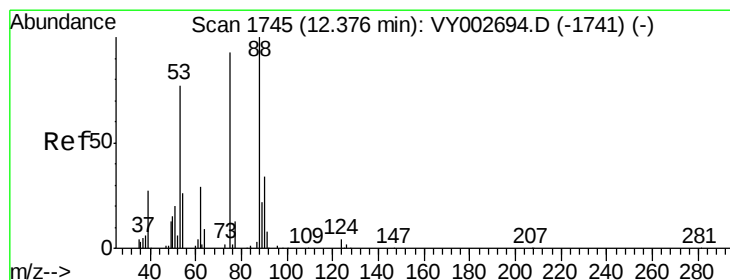
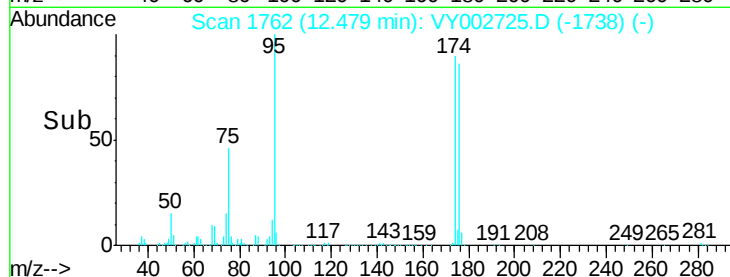
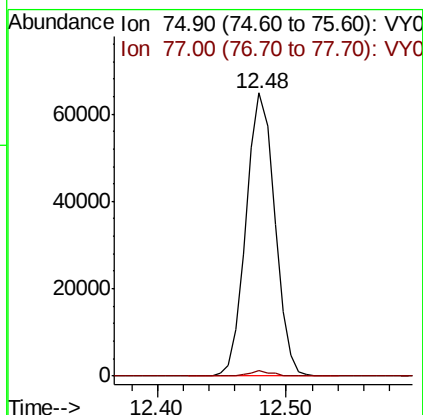
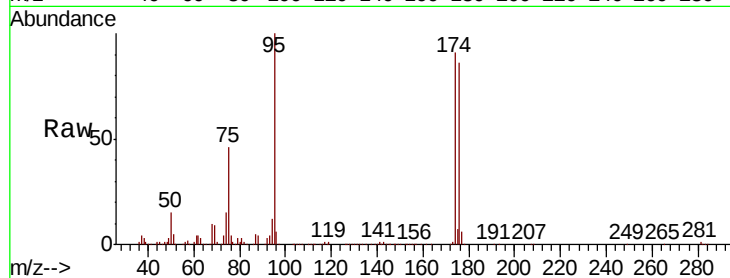
ClientSampleId :

Tot Ion: 75 Resp: 99553

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.061 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

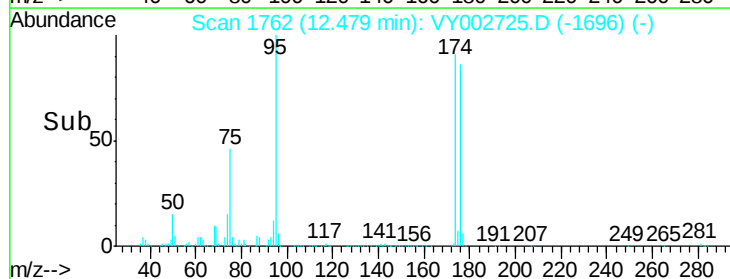
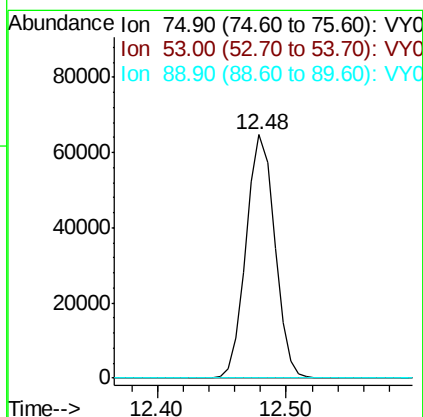
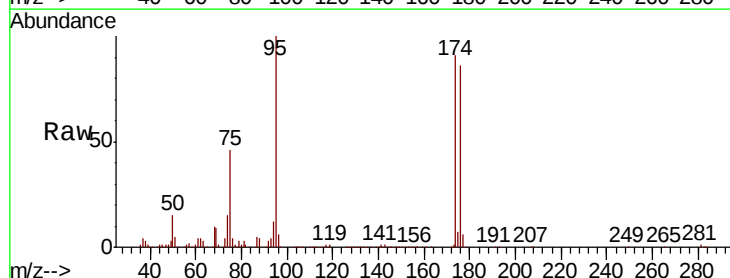
Tgt Ion: 75 Resp: 99553

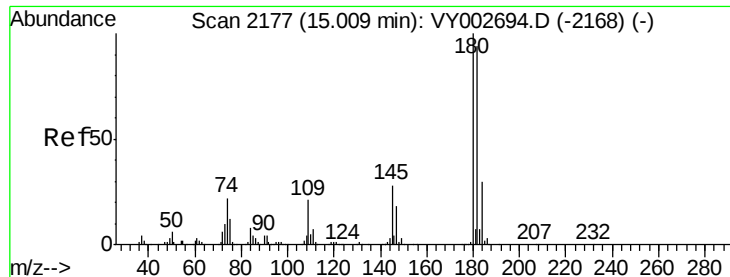
Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.6#

89 0.0 66.6 99.8#

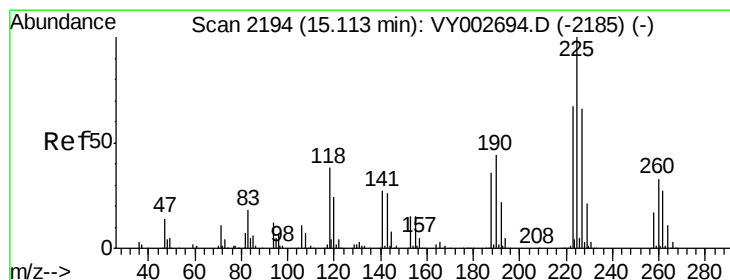
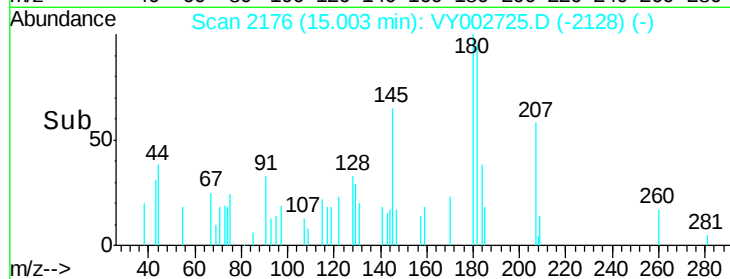
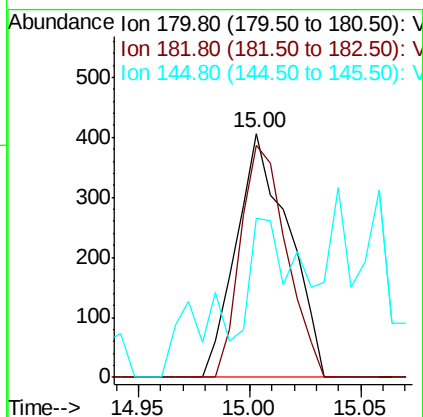
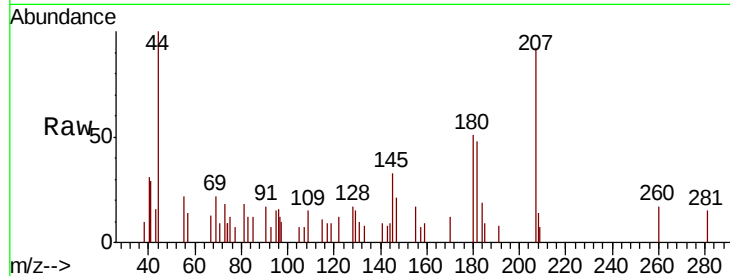




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002725.D
 Acq: 20 May 2020 12:45

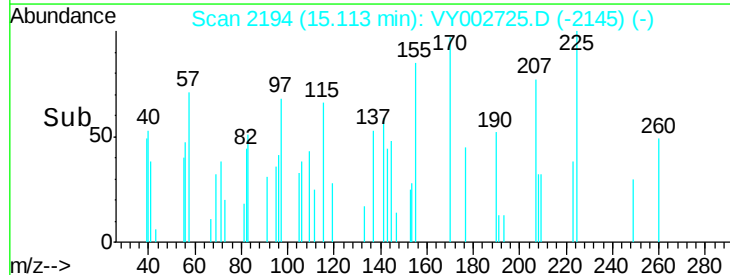
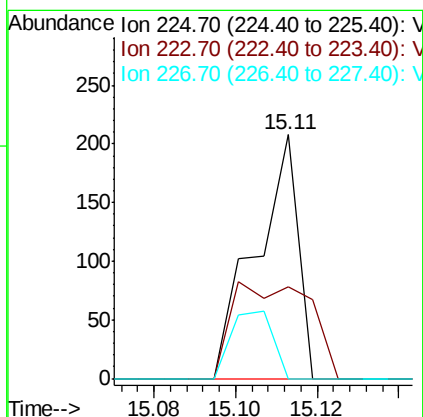
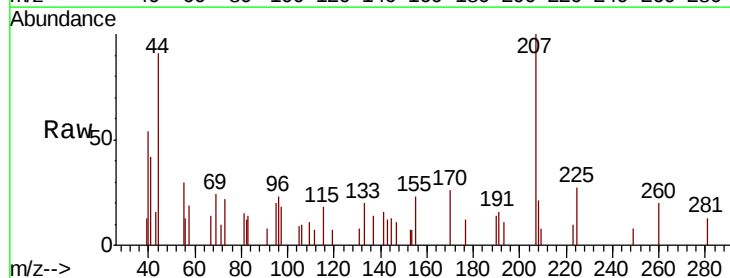
Instrument :
 MSVOA_Y
 ClientSampleId :

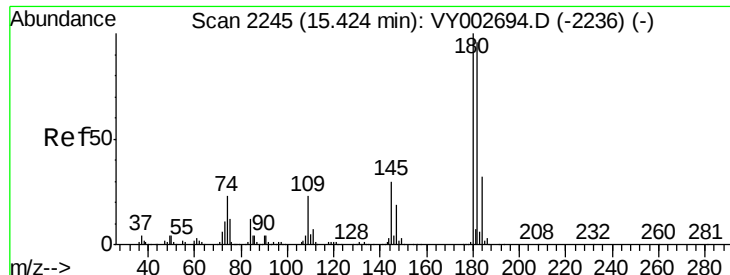
Tot Ion:180 Resp: 666
 Ion Ratio Lower Upper
 180 100
 182 83.2 47.3 142.0
 145 42.9 14.1 42.2#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002725.D
 Acq: 20 May 2020 12:45

Tgt Ion:225 Resp: 151
 Ion Ratio Lower Upper
 225 100
 223 71.5 31.6 94.8
 227 27.2 32.2 96.6#





#96

1,2,3-Trichlorobenzene

Concen: Below Cal

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002725.D

Acq: 20 May 2020 12:45

Instrument :

MSVOA_Y

ClientSampleId :

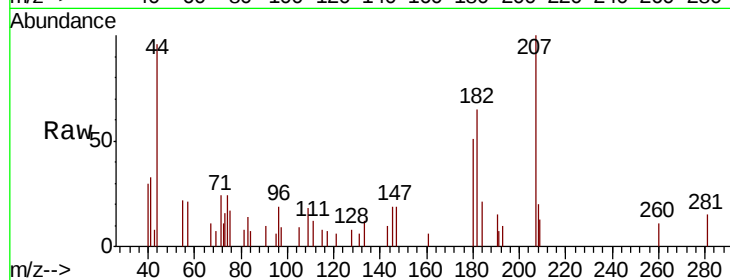
Tot Ion:180 Resp: 843

Ion Ratio Lower Upper

180 100

182 90.6 47.6 142.9

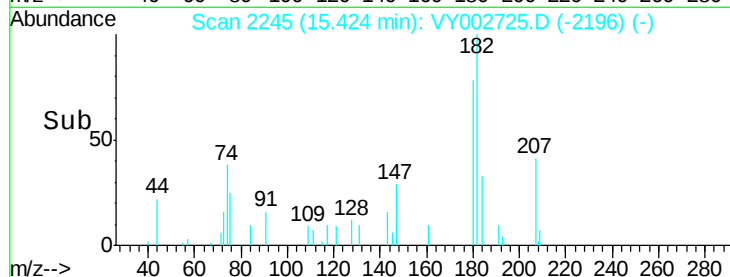
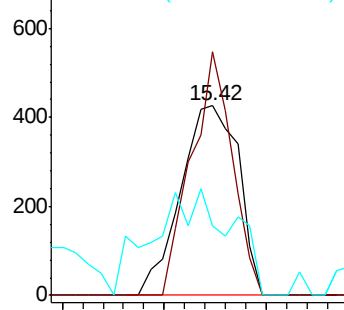
145 75.9 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->