

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002765.D
 Acq On : 27 May 2020 15:38
 Operator : SY/MD
 Sample : L2500-06RE
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-052220

Quant Time: May 28 04:43:34 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

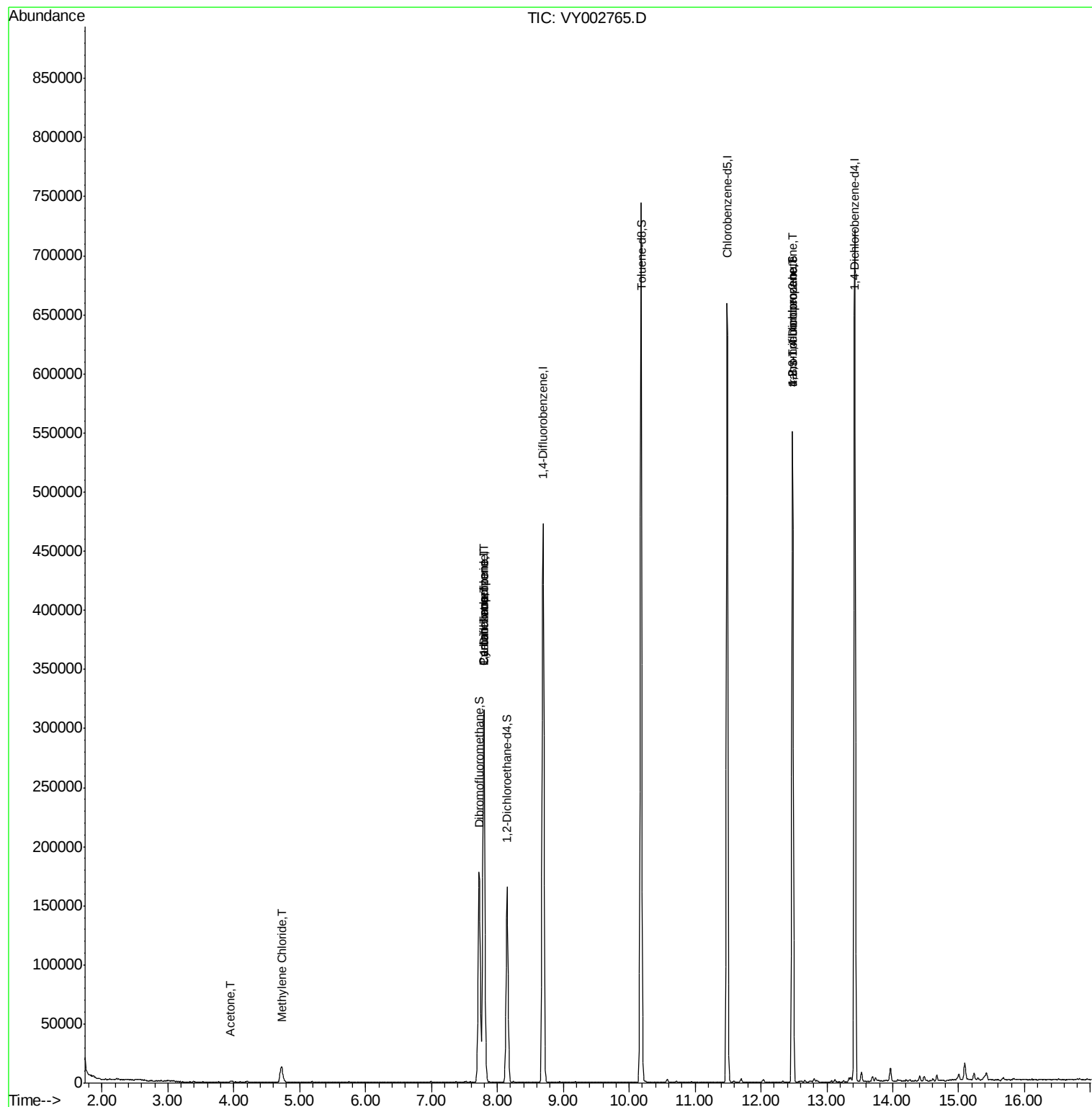
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	266843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	127470	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
35) Dibromofluoromethane	7.72	113	128491	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.18	98	505292	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.48	95	165809	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
16) Acetone	3.95	43	2374	4.370	ug/l	97
18) Methyl Acetate	4.51	43	371	Below Cal	#	48
20) Methylene Chloride	4.72	84	10964	4.130	ug/l	98
31) Cyclohexane	7.79	56	3964	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	16044	4.463	ug/l #	48
38) Carbon Tetrachloride	7.79	117	23772	5.952	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	78975	44.986	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	78975	84.753	ug/l #	17

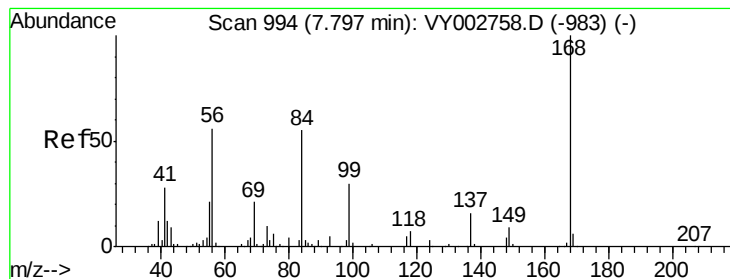
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002765.D
Acq On : 27 May 2020 15:38
Operator : SY/MD
Sample : L2500-06RE
Misc : 6.08G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleID :
OK-03-052220

Quant Time: May 28 04:43:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
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: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

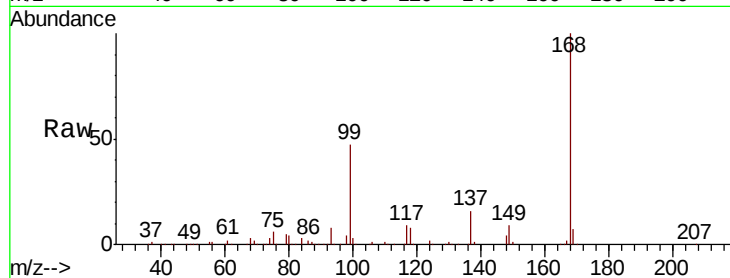
OK-03-052220

Tot Ion:168 Resp: 266843

Ion Ratio Lower Upper

168 100

99 47.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002765.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002765.D (-945) (-)

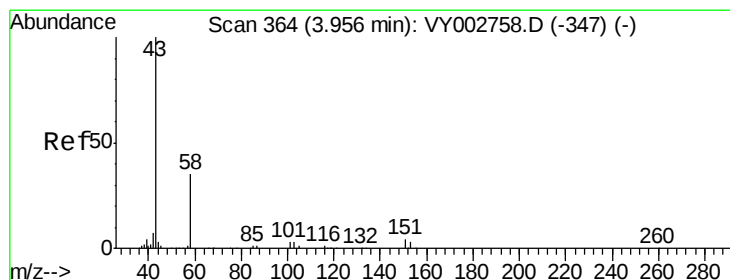
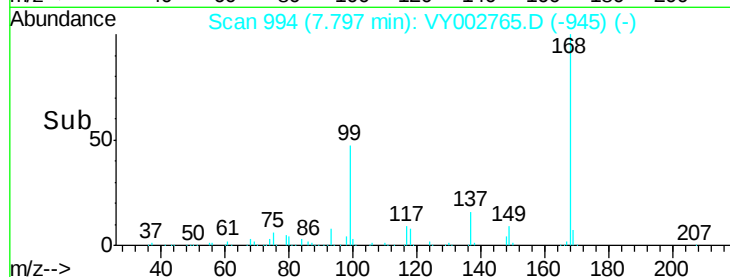
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 4.370 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002765.D

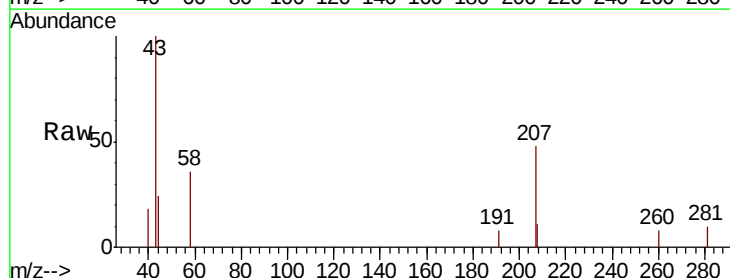
Acq: 27 May 2020 15:38

Tgt Ion: 43 Resp: 2374

Ion Ratio Lower Upper

43 100

58 36.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002765.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002765.D (-315) (-)

3.95

800

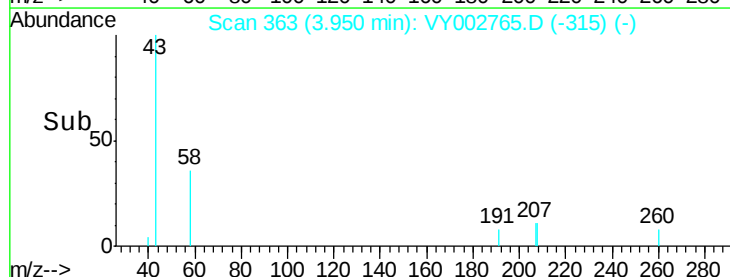
600

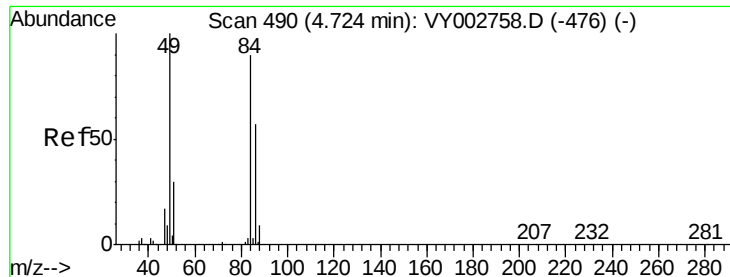
400

200

0

Time-->

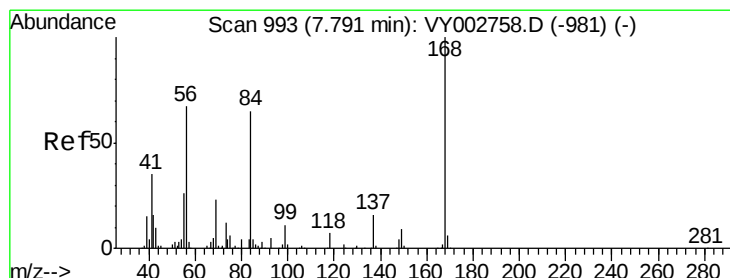
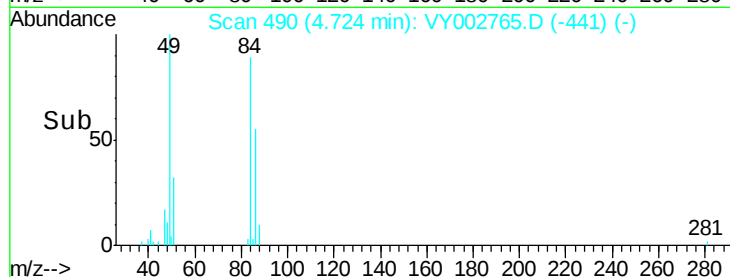
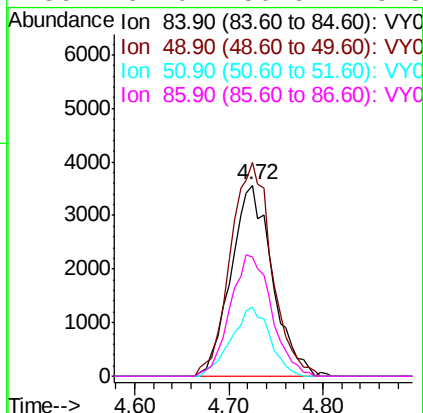
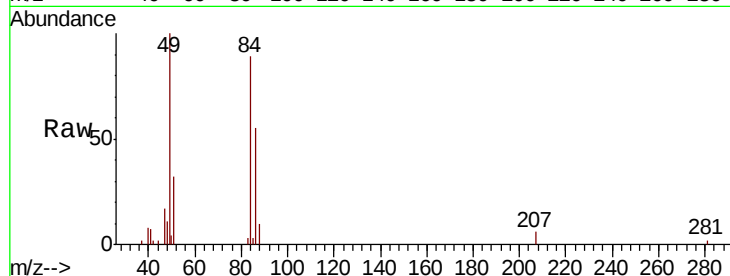




#20
Methvlene Chloride
Concen: 4.130 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002765.D
Acq: 27 May 2020 15:38

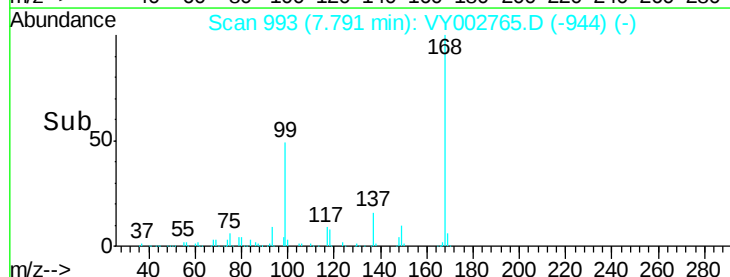
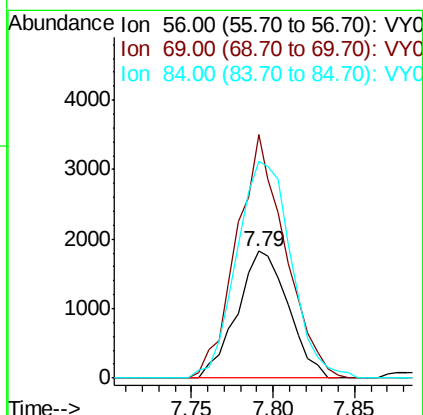
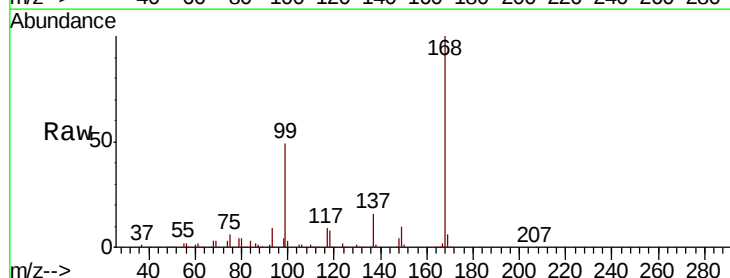
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-052220

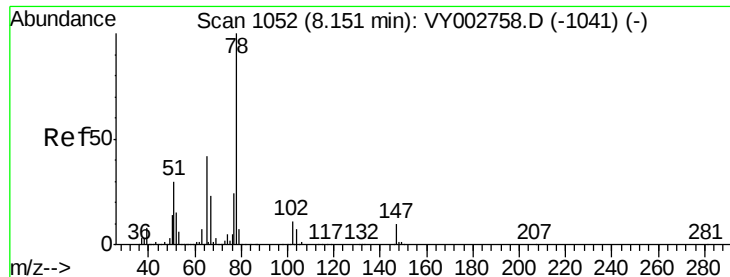
Tot Ion:	84	Resp:	10964
Ion	Ratio	Lower	Upper
84	100		
49	111.8	88.5	132.7
51	36.1	26.8	40.2
86	62.0	50.6	75.8



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002765.D
Acq: 27 May 2020 15:38

Tgt Ion:	56	Resp:	3964
Ion	Ratio	Lower	Upper
56	100		
69	192.4	28.0	42.0#
84	171.0	77.7	116.5#

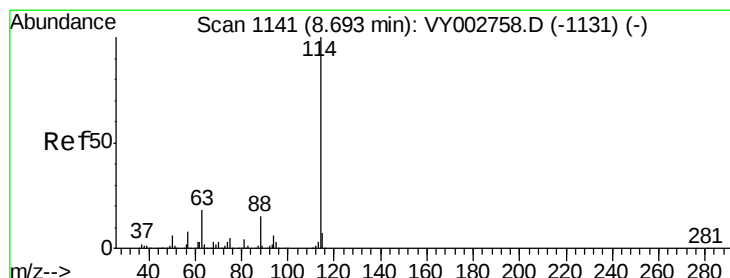
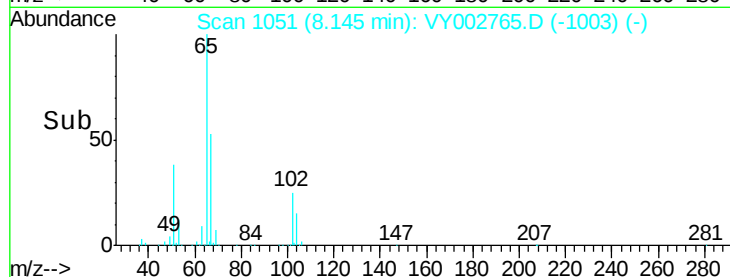
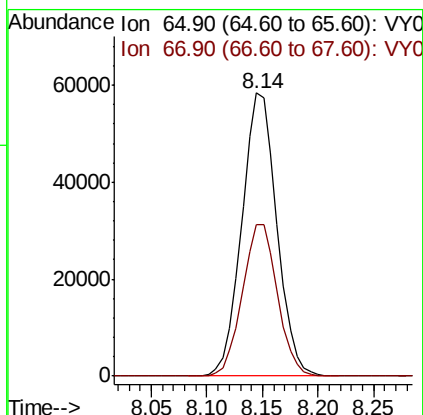
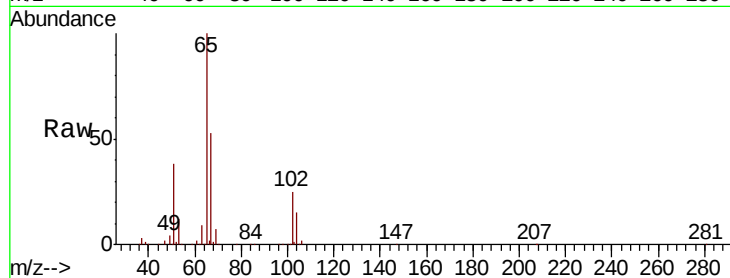




#33
 1,2-Dichloroethane-d4
 Concen: 55.016 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002765.D
 Acq: 27 May 2020 15:38

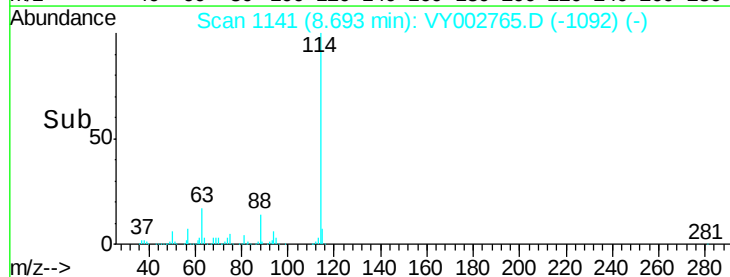
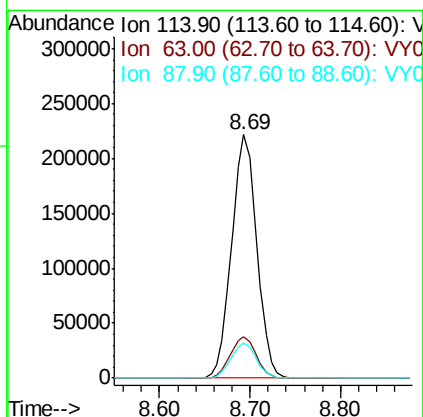
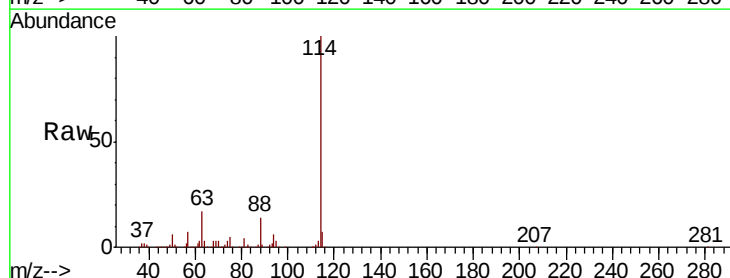
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-052220

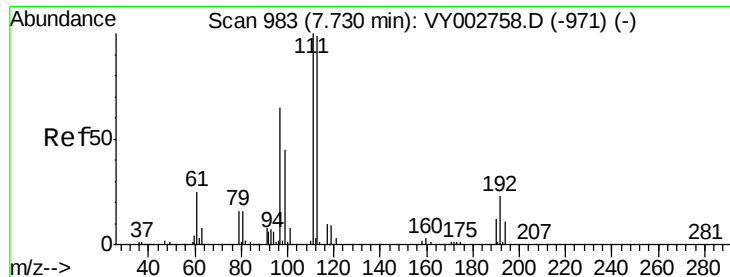
Tot Ion: 65 Resp: 127470
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002765.D
 Acq: 27 May 2020 15:38

Tgt Ion: 114 Resp: 426795
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.2
 88 14.1 0.0 29.2

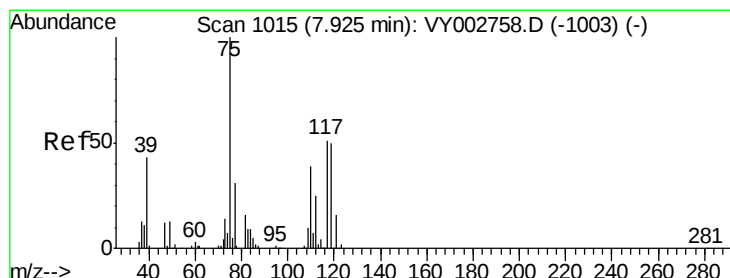
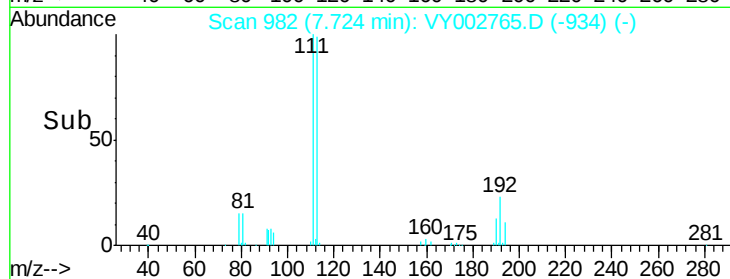
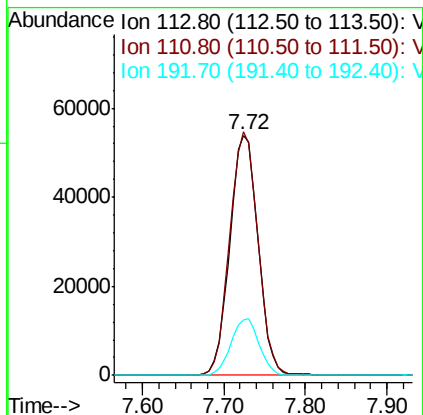
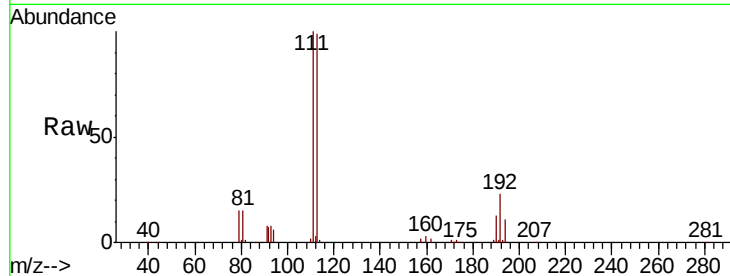




#35
 Dibromofluoromethane
 Concen: 51.371 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002765.D
 Acq: 27 May 2020 15:38

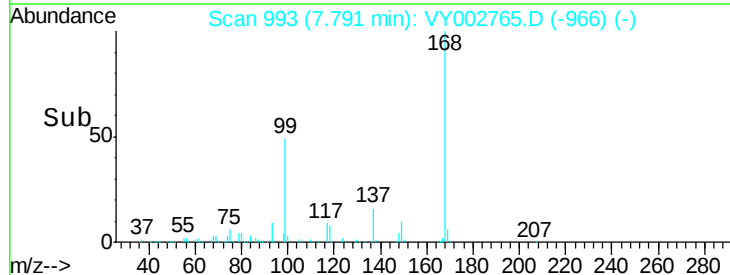
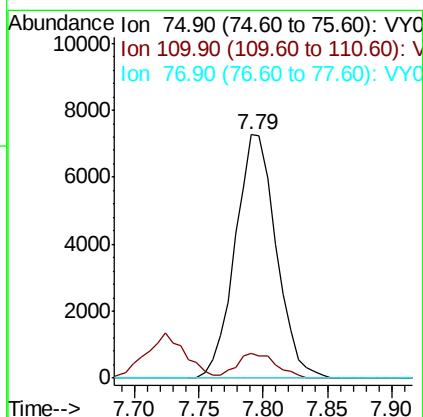
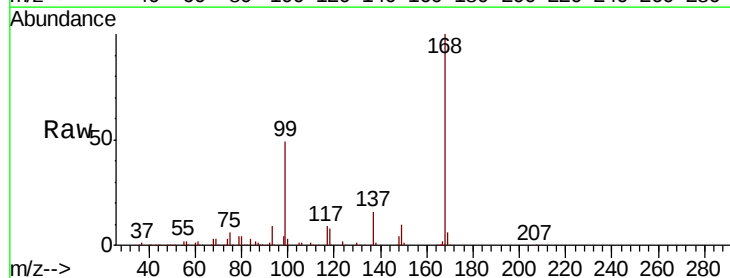
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-052220

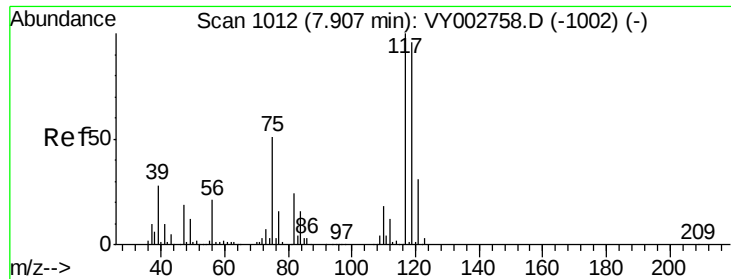
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.463 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002765.D
 Acq: 27 May 2020 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.952 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-052220

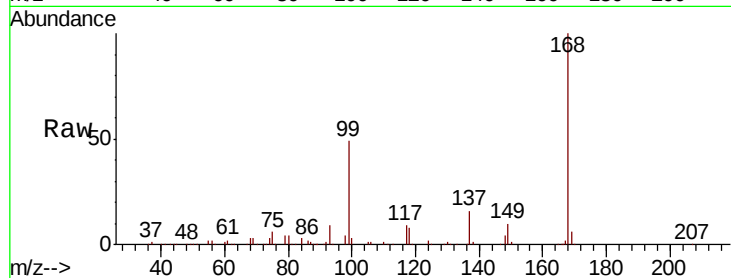
Tot Ion:117 Resp: 23772

Ion Ratio Lower Upper

117 100

119 3.6 76.8 115.2#

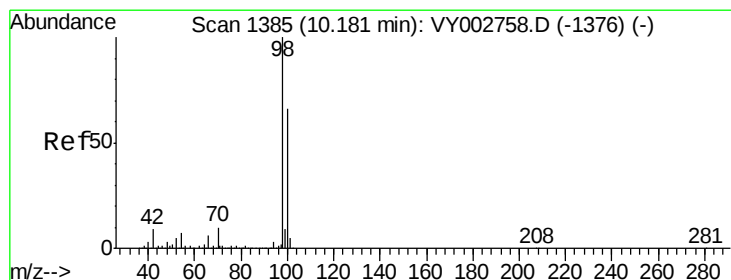
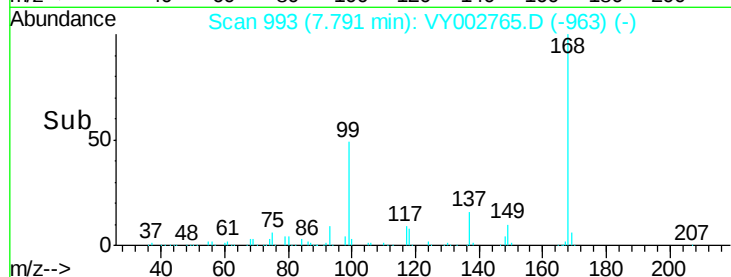
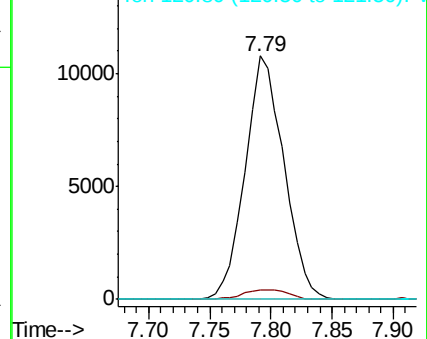
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.964 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002765.D

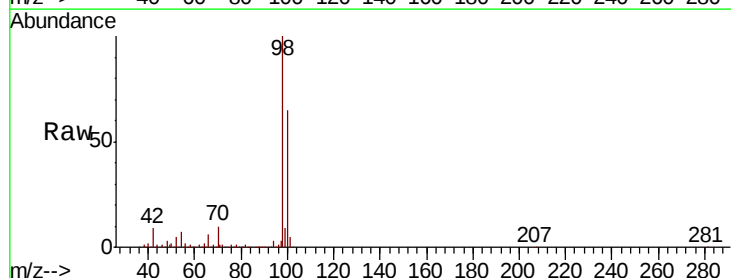
Acq: 27 May 2020 15:38

Tgt Ion: 98 Resp: 505292

Ion Ratio Lower Upper

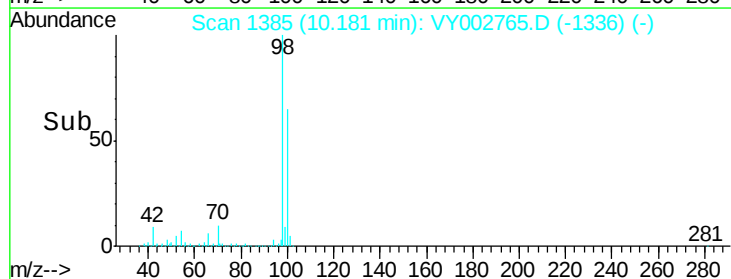
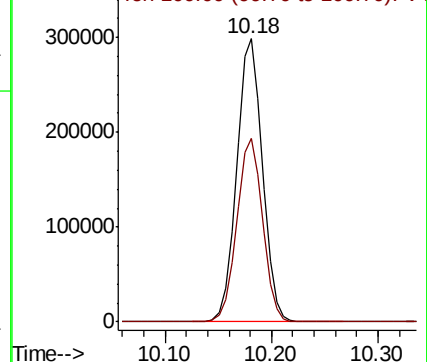
98 100

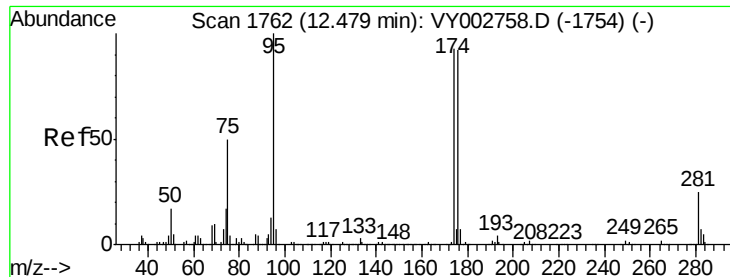
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 47.975 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-052220

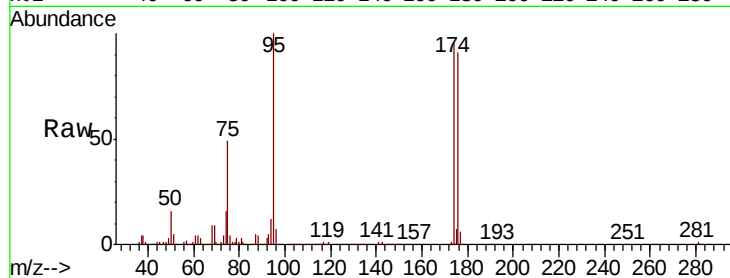
Tot Ion: 95 Resp: 165809

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.2

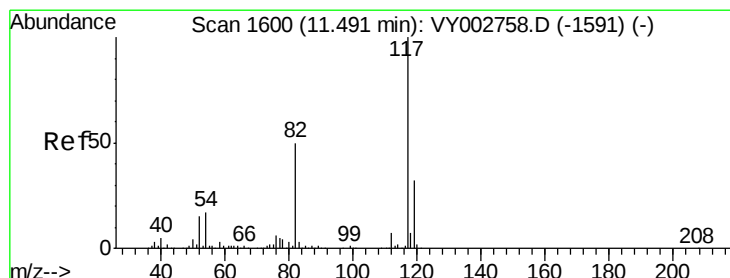
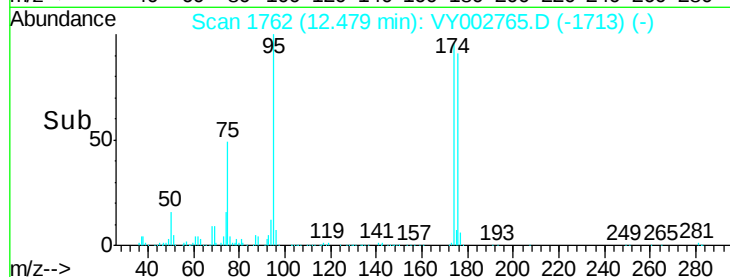
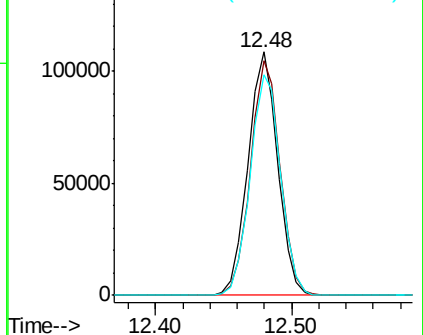
176 93.0 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002765.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002765.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002765.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

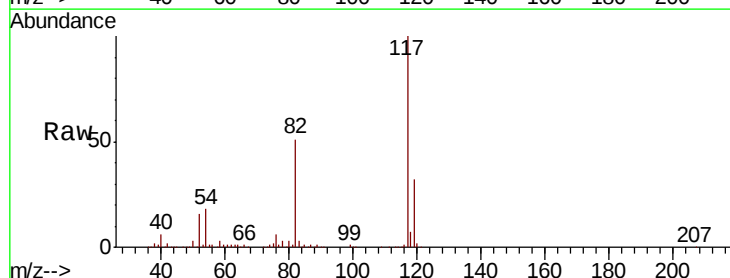
Tgt Ion: 117 Resp: 393949

Ion Ratio Lower Upper

117 100

82 51.4 40.2 60.4

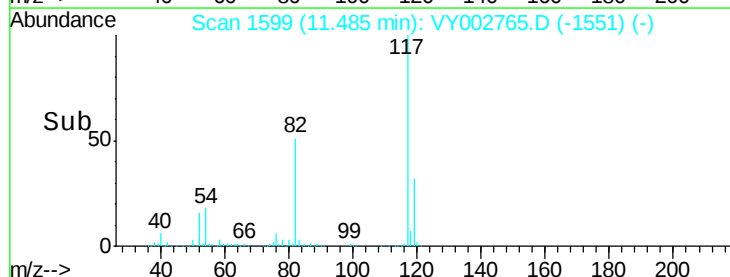
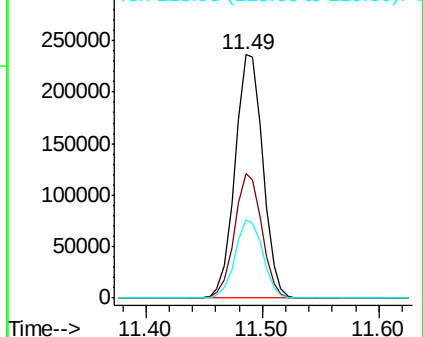
119 32.3 25.8 38.8

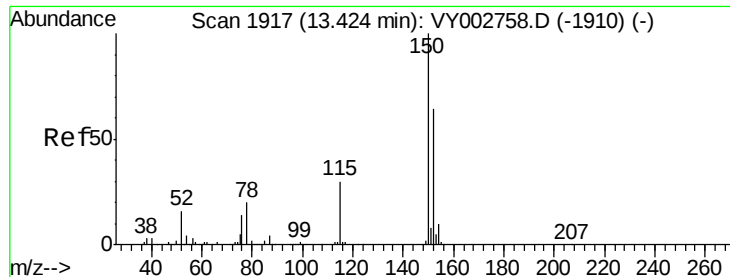


Abundance Ion 116.90 (116.60 to 117.60): VY002765.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002765.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002765.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-052220

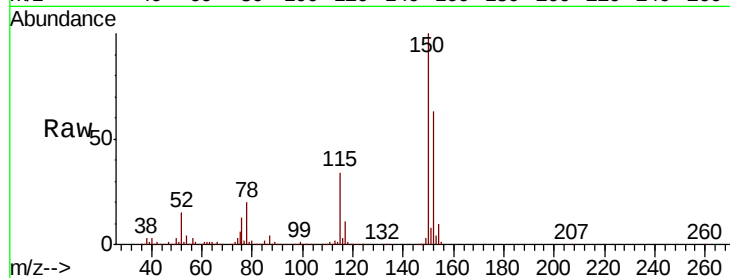
Tot Ion:152 Resp: 194831

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

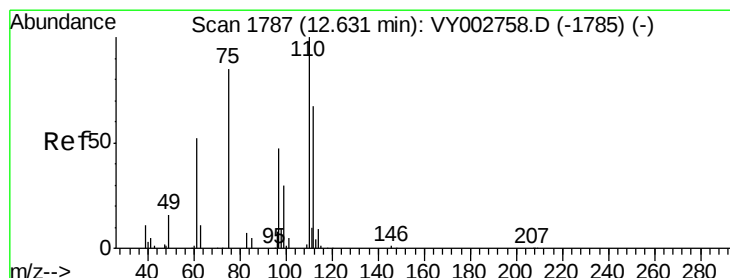
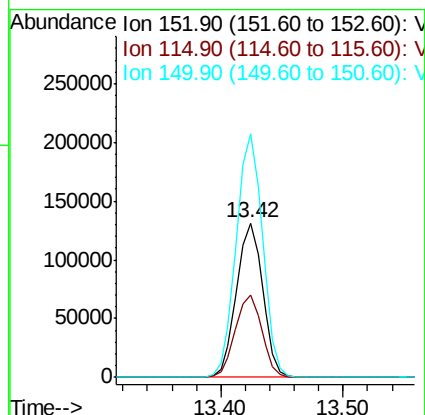
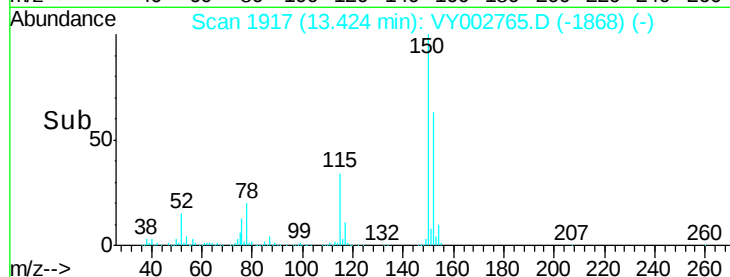
150 158.6 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 44.986 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002765.D

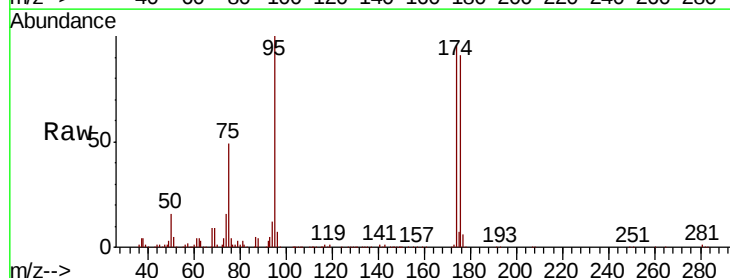
Acq: 27 May 2020 15:38

Tgt Ion: 75 Resp: 78975

Ion Ratio Lower Upper

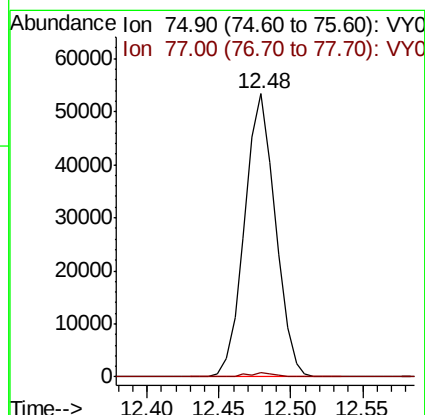
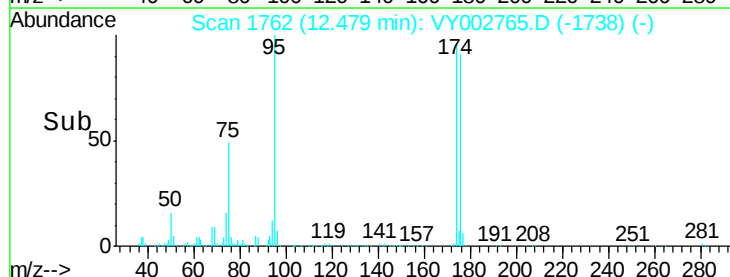
75 100

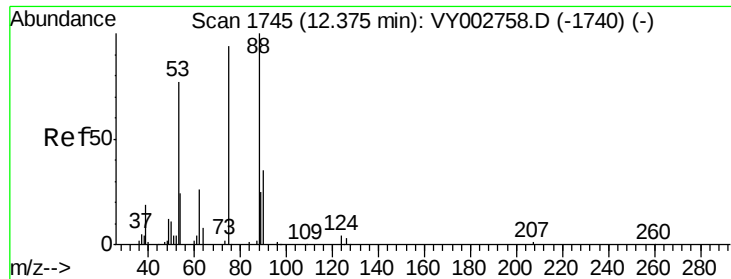
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 84.753 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002765.D

Acq: 27 May 2020 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-052220

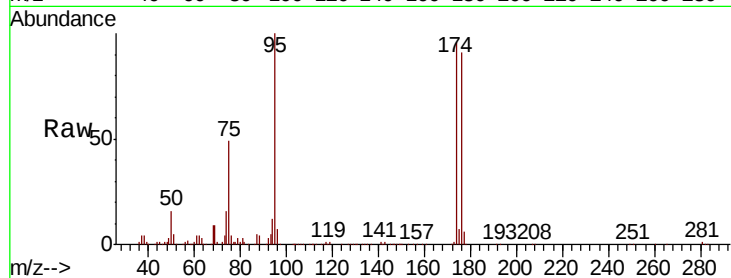
Tot Ion: 75 Resp: 78975

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

