

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002296.D
 Acq On : 13 Apr 2020 21:15
 Operator : SY/MD
 Sample : L2225-02
 Misc : 7.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 07:53:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

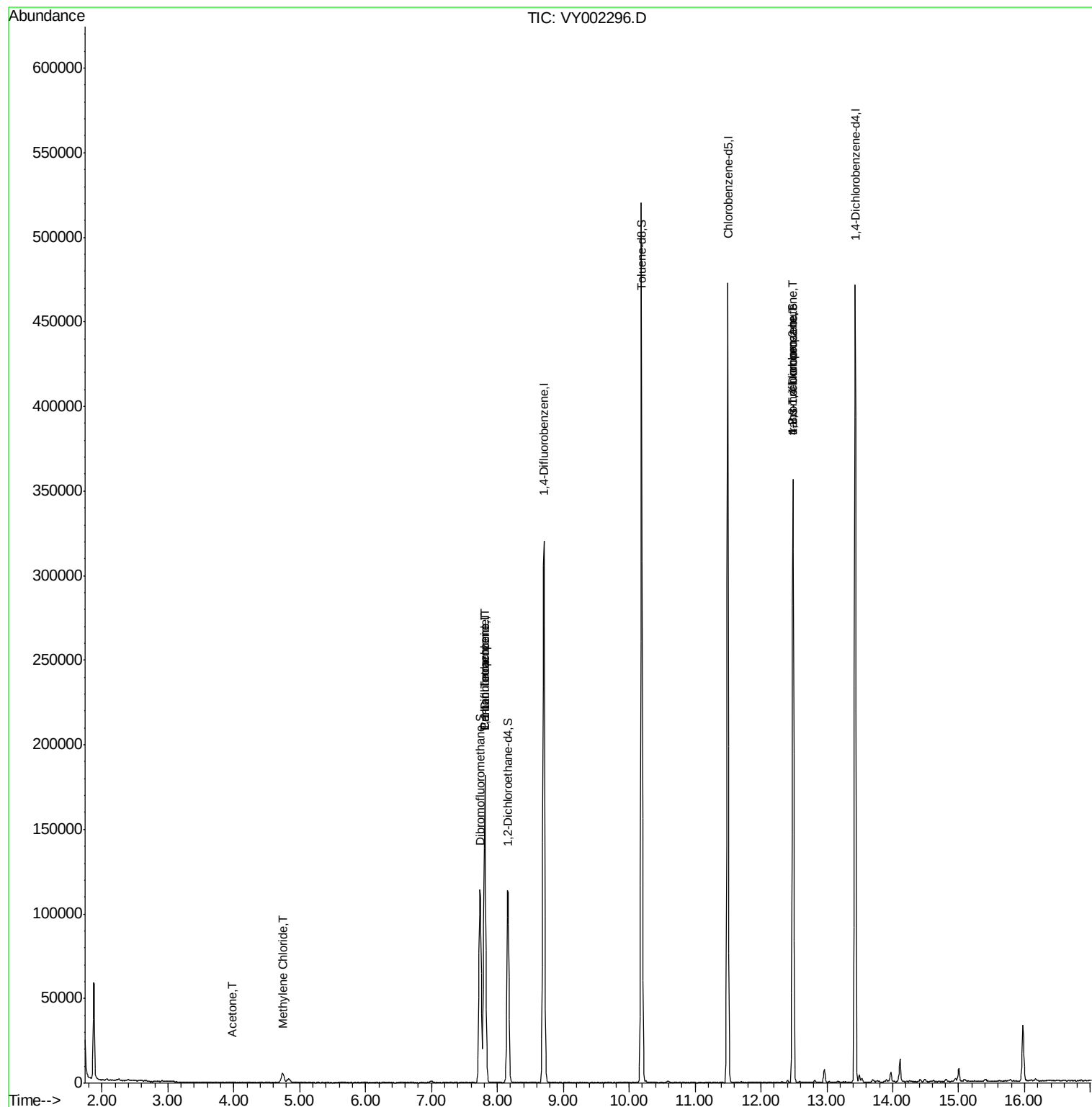
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	138294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	261591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84229	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.74	113	83532	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.19	98	338321	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.49	95	116126	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	50	Below Cal	#	77
16) Acetone	3.97	43	792	1.955	ug/l #	75
20) Methylene Chloride	4.74	84	4556	2.288	ug/l	97
36) 1,1-Dichloropropene	7.80	75	11152	4.005	ug/l #	50
38) Carbon Tetrachloride	7.81	117	14248	5.982	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	55516	40.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55516	78.960	ug/l #	19

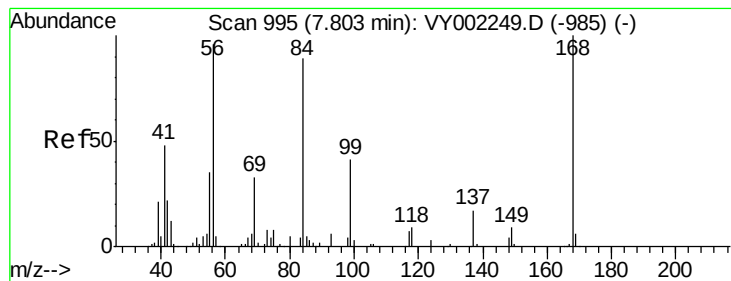
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002296.D

Acq: 13 Apr 2020 21:15

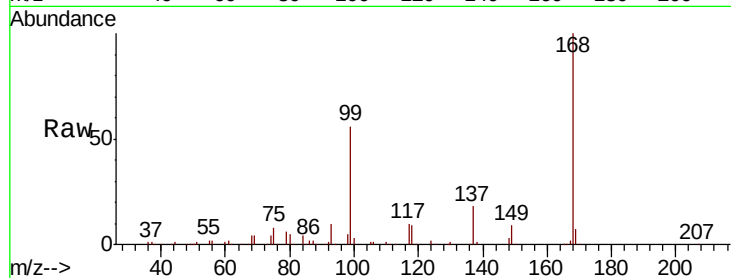
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 138294

Ion Ratio Lower Upper

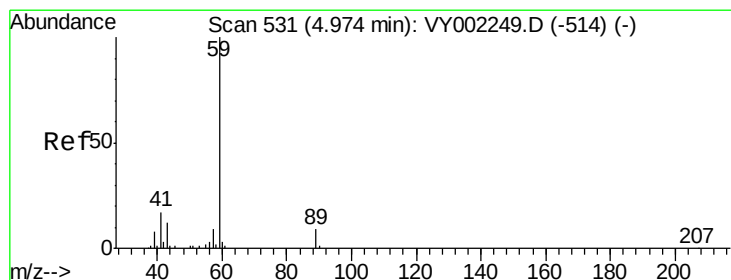
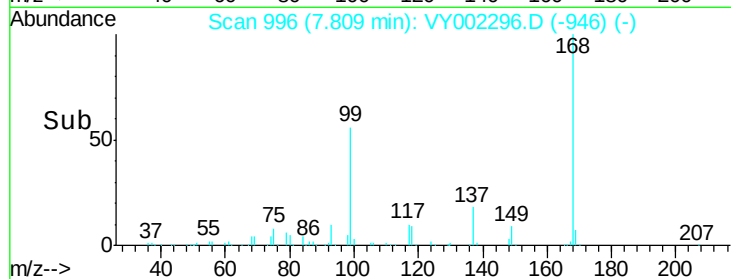
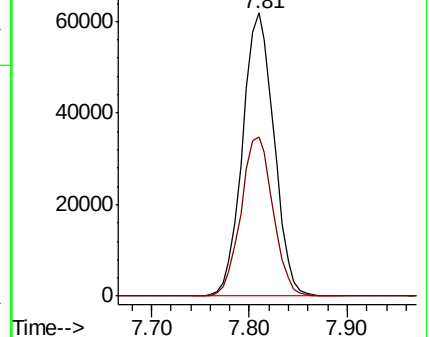
168 100

99 56.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002296.D

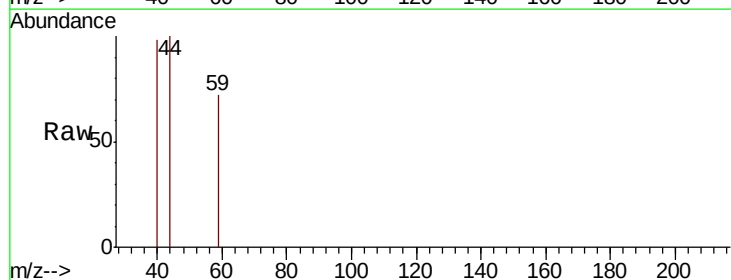
Acq: 13 Apr 2020 21:15

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

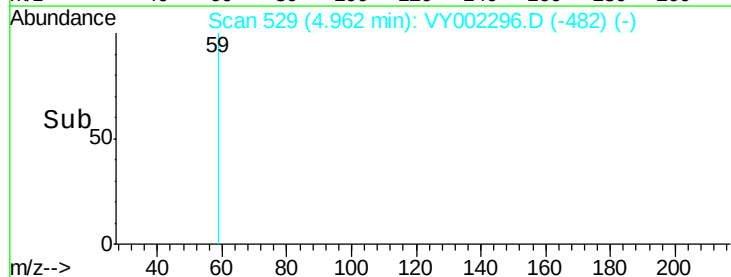
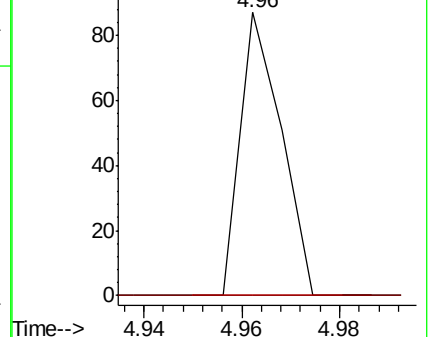
59 100

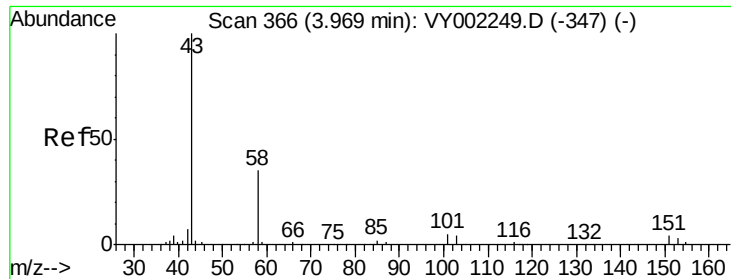
57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)





#16

Acetone

Concen: 1.955 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002296.D

Acq: 13 Apr 2020 21:15

Instrument :

MSVOA_Y

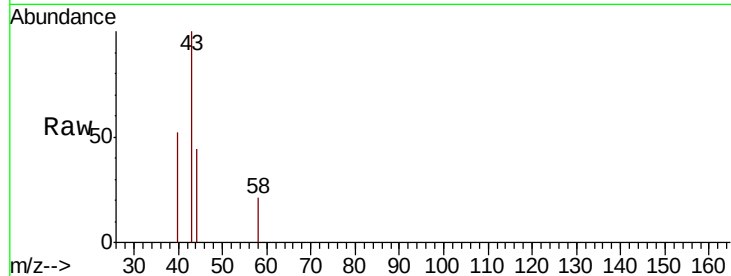
ClientSampleId :

Tot Ion: 43 Resp: 792

Ion Ratio Lower Upper

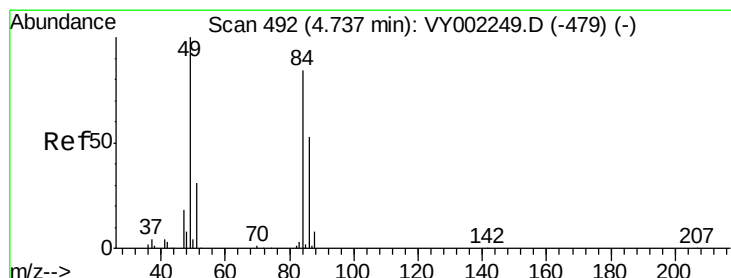
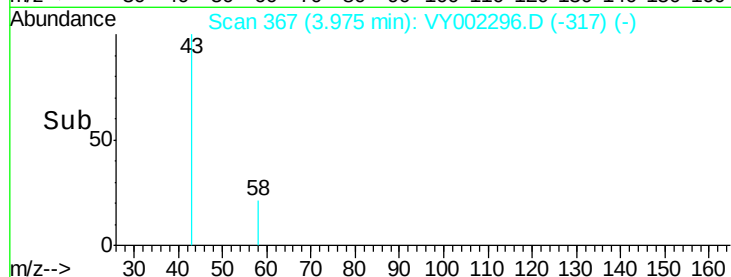
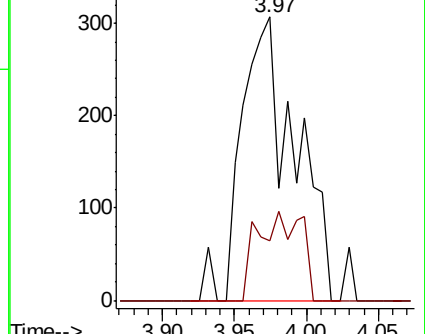
43 100

58 21.2 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.288 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002296.D

Acq: 13 Apr 2020 21:15

Tgt Ion: 84 Resp: 4556

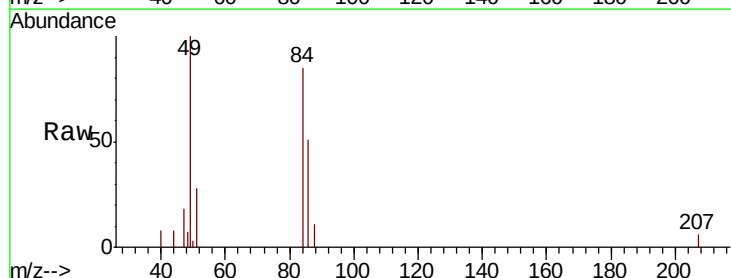
Ion Ratio Lower Upper

84 100

49 117.6 95.5 143.3

51 32.7 29.5 44.3

86 60.2 50.7 76.1

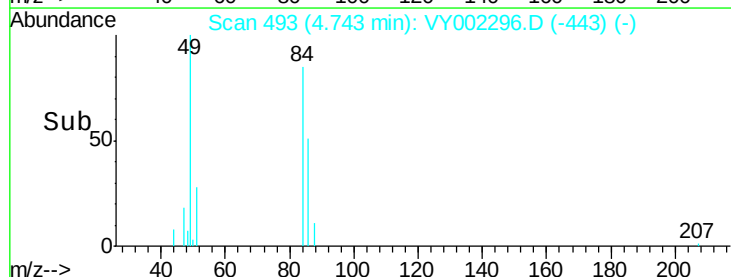
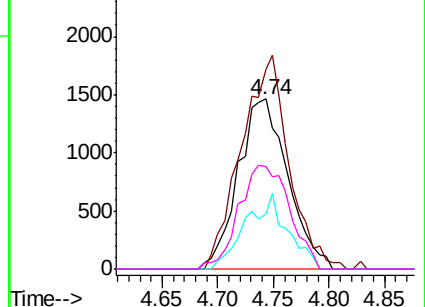


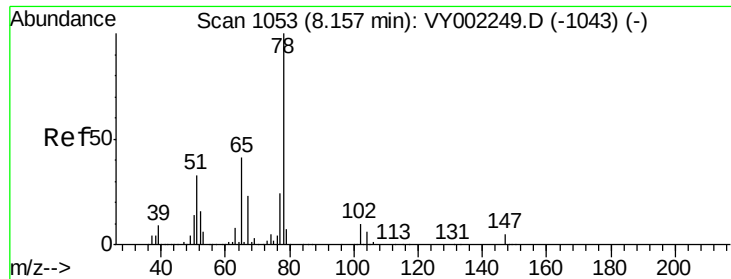
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

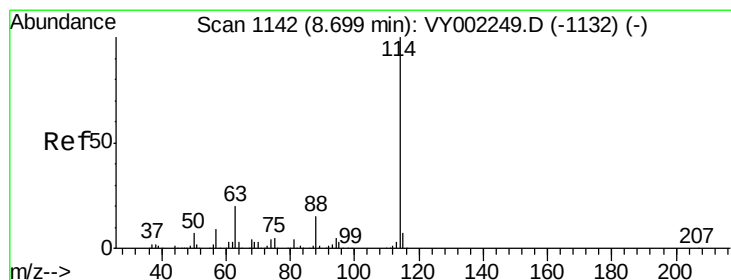
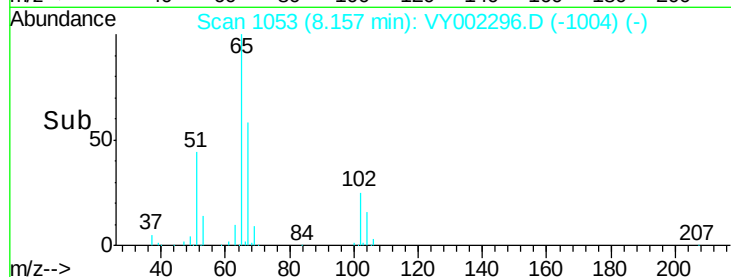
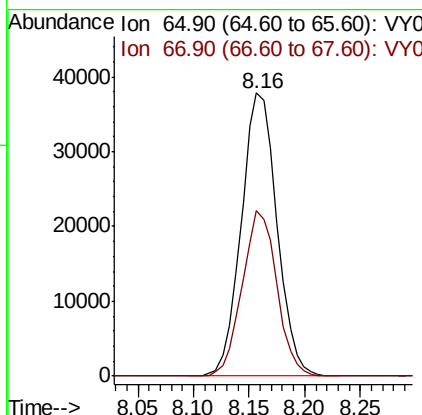
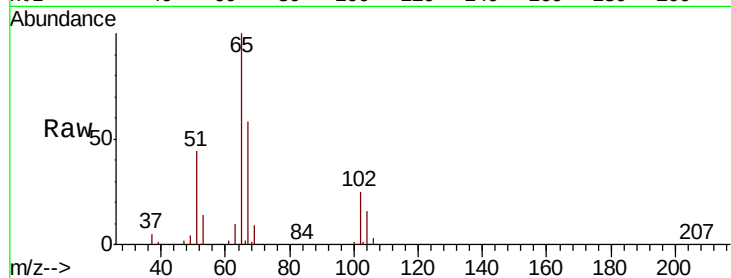




#33
 1,2-Dichloroethane-d4
 Concen: 54.768 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002296.D
 Acq: 13 Apr 2020 21:15

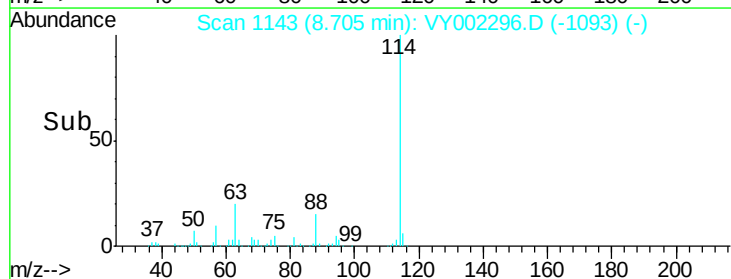
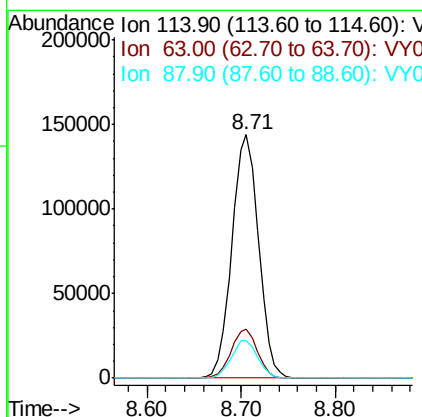
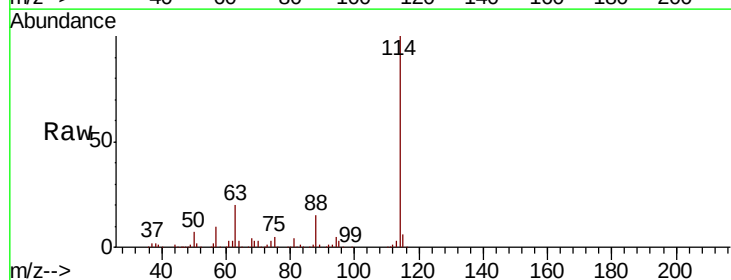
Instrument :
 MSVOA_Y
 ClientSampleId :

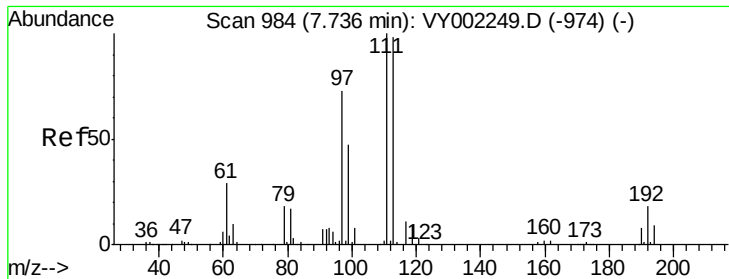
Tot Ion: 65 Resp: 84229
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002296.D
 Acq: 13 Apr 2020 21:15

Tgt Ion: 114 Resp: 282720
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.3 0.0 31.0

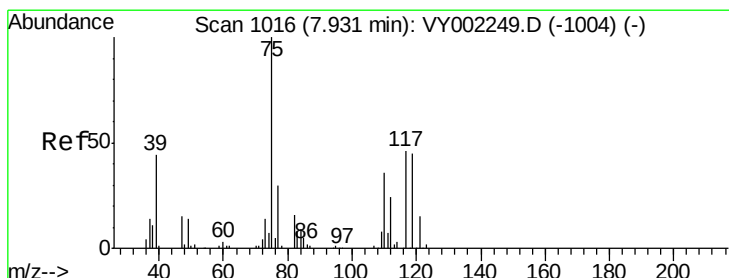
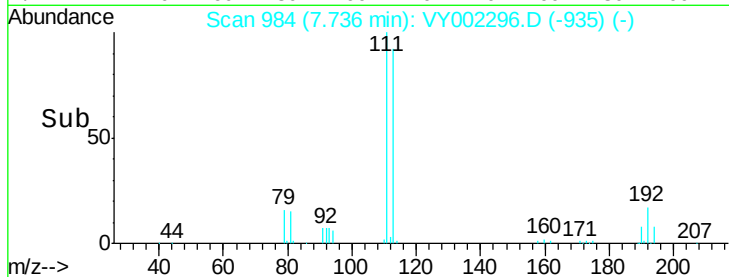
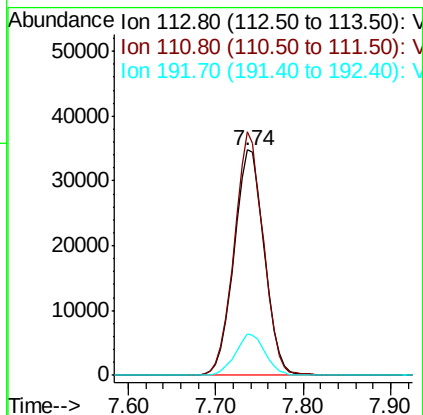
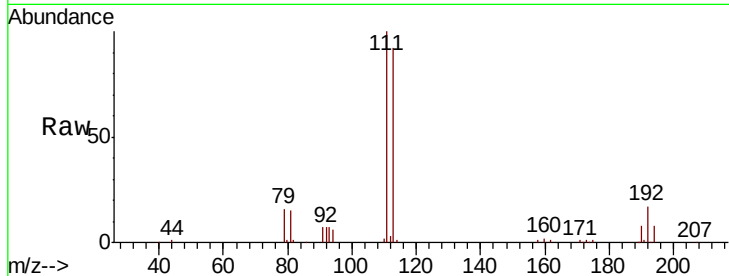




#35
 Dibromofluoromethane
 Concen: 49.654 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002296.D
 Acq: 13 Apr 2020 21:15

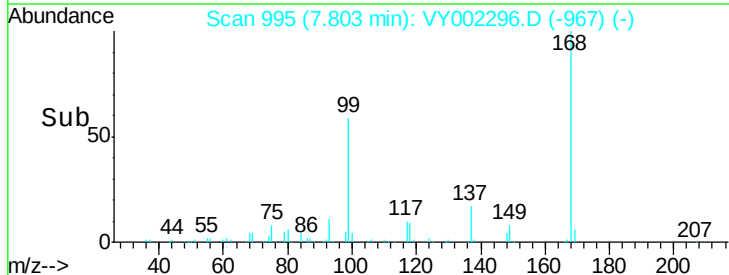
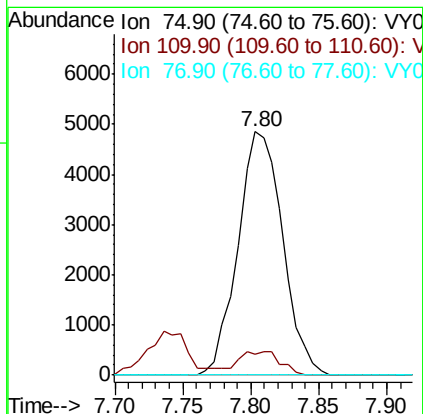
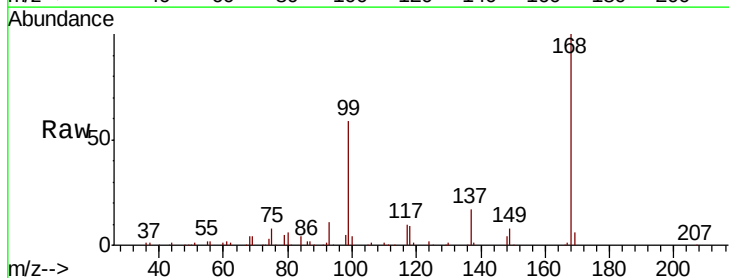
Instrument :
 MSVOA_Y
 ClientSampleId :

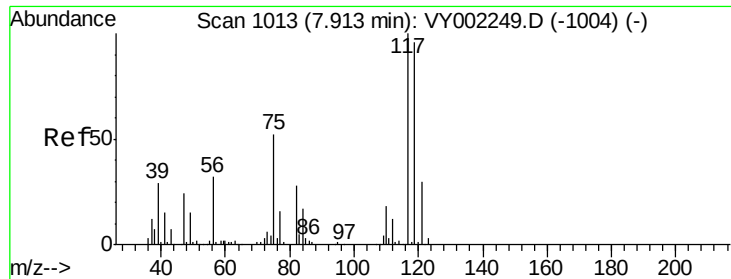
Tot Ion:113 Resp: 83532
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.5 125.3
 192 17.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.005 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002296.D
 Acq: 13 Apr 2020 21:15

Tgt Ion: 75 Resp: 11152
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.8 53.3#
 77 0.0 24.4 36.6#

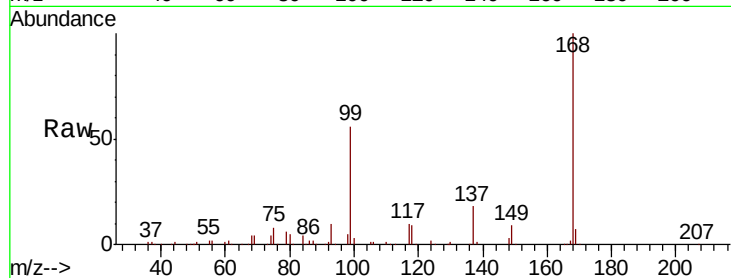




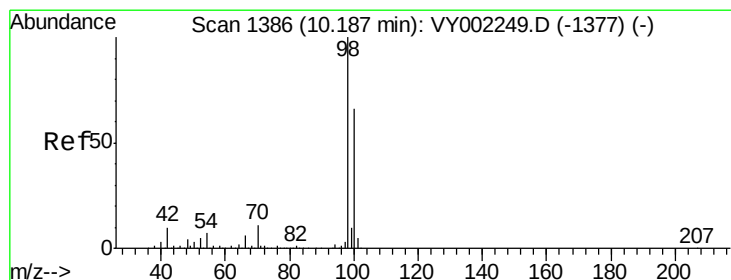
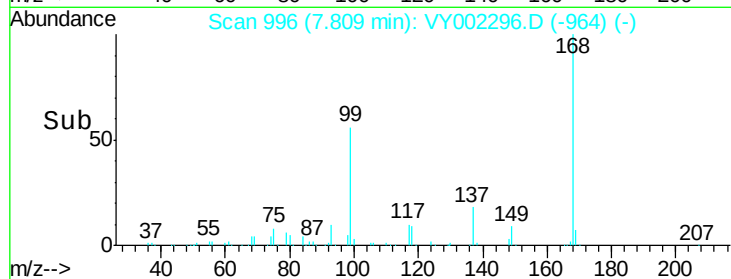
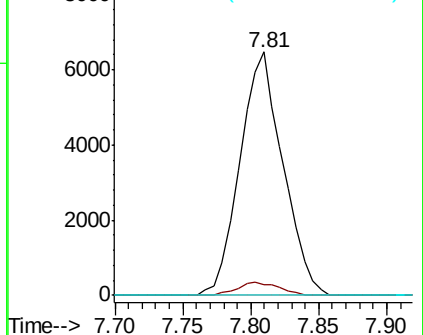
#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY002296.D
Acq: 13 Apr 2020 21:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 14248
Ion Ratio Lower Upper
117 100
119 4.3 77.1 115.7#
121 0.0 23.9 35.9#

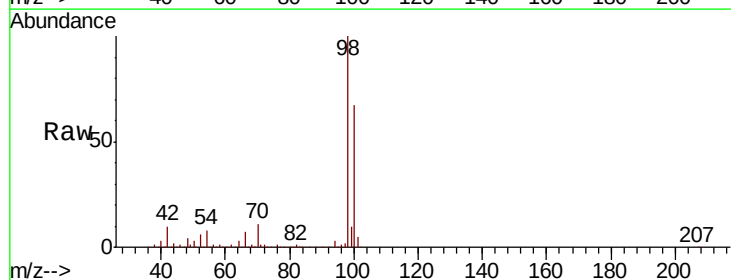


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

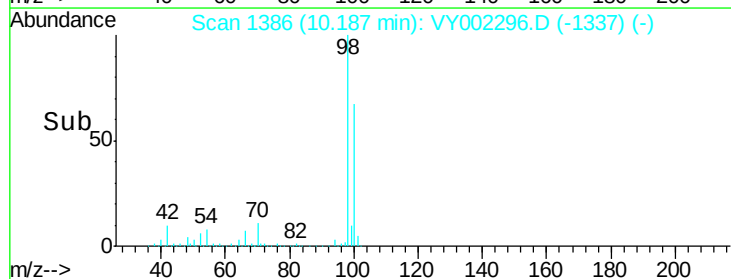
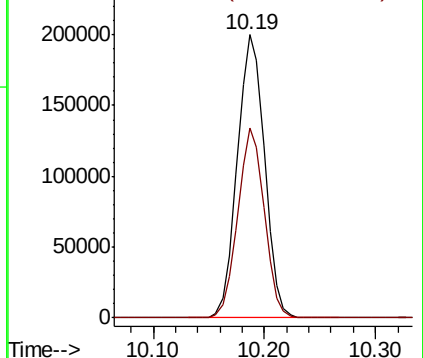


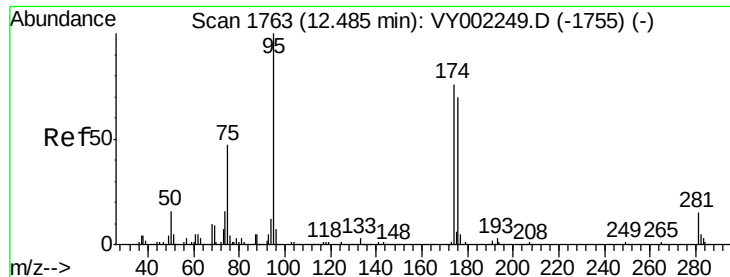
#50
Toluene-d8
Concen: 48.048 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002296.D
Acq: 13 Apr 2020 21:15

Tgt Ion: 98 Resp: 338321
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

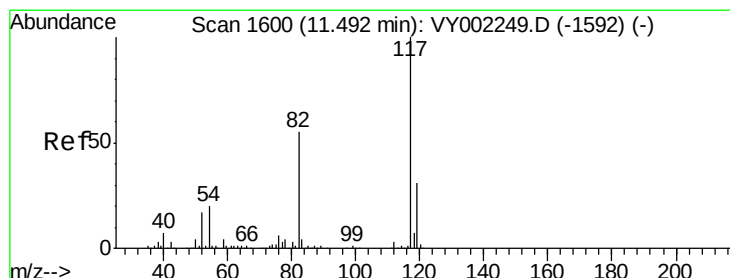
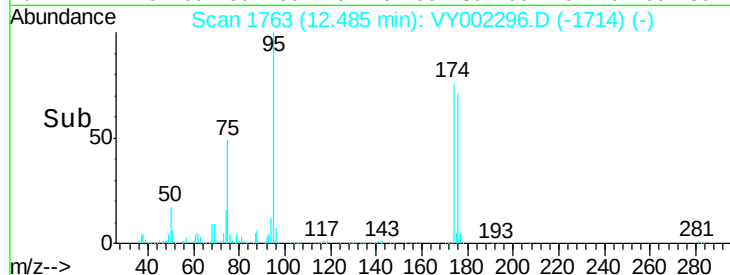
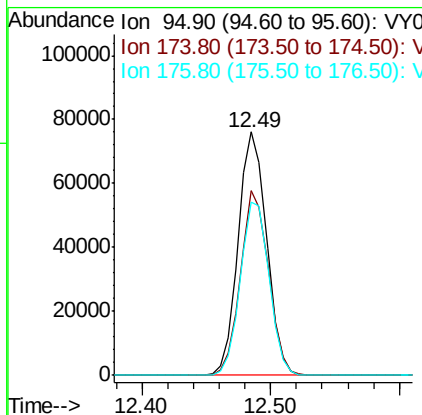
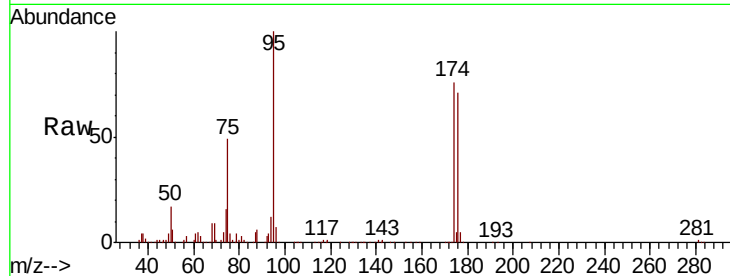




#62
 4-Bromofluorobenzene
 Concen: 49.989 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002296.D
 Acq: 13 Apr 2020 21:15

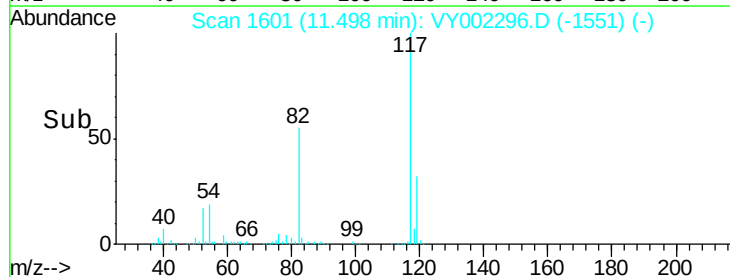
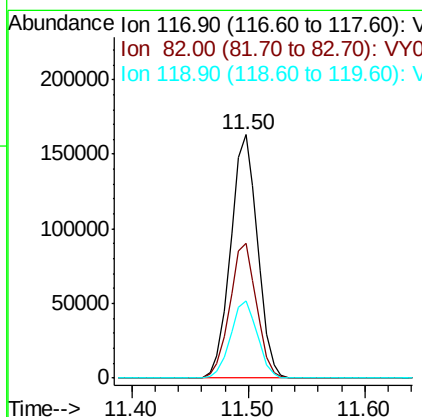
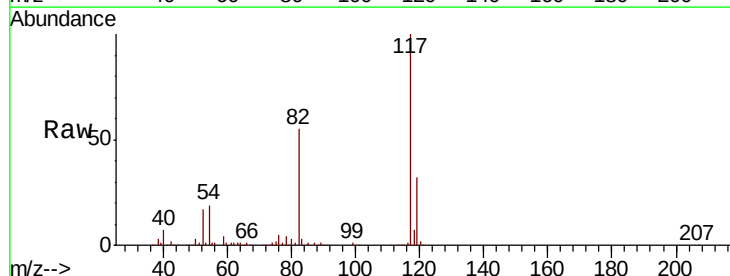
Instrument :
 MSVOA_Y
 ClientSampled :

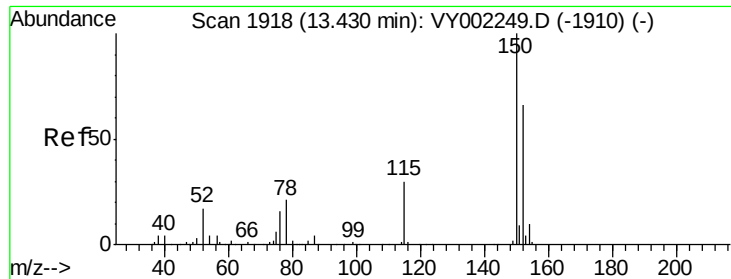
Tot Ion: 95 Resp: 116126
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.6
 176 71.8 0.0 141.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: VY002296.D
 Acq: 13 Apr 2020 21:15

Tgt Ion: 117 Resp: 261591
 Ion Ratio Lower Upper
 117 100
 82 55.1 44.2 66.4
 119 31.7 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002296.D

Acq: 13 Apr 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

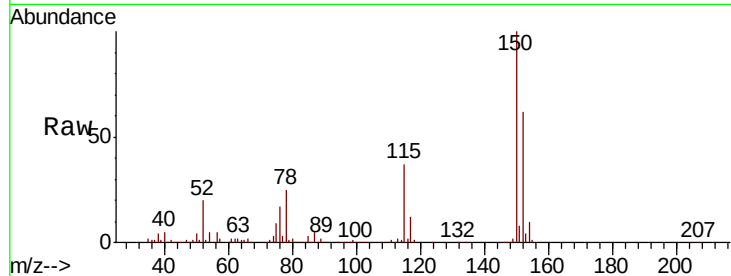
Tot Ion:152 Resp: 117764

Ion Ratio Lower Upper

152 100

115 59.2 30.7 92.1

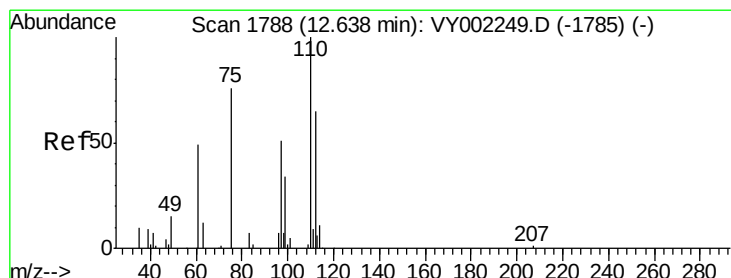
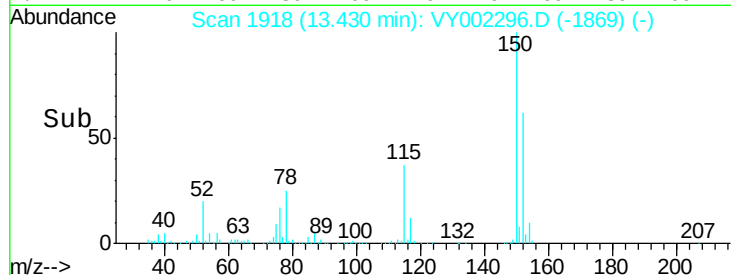
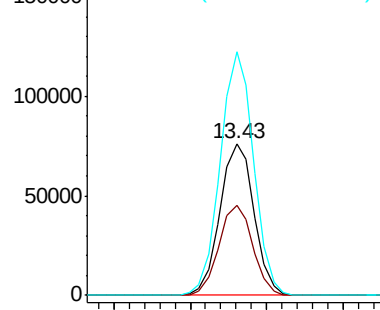
150 156.7 0.0 350.6



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: 40.597 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002296.D

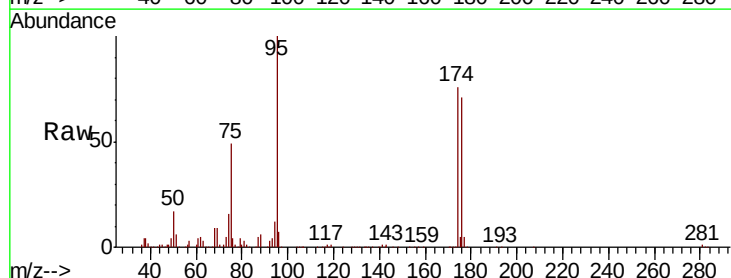
Acq: 13 Apr 2020 21:15

Tgt Ion: 75 Resp: 55516

Ion Ratio Lower Upper

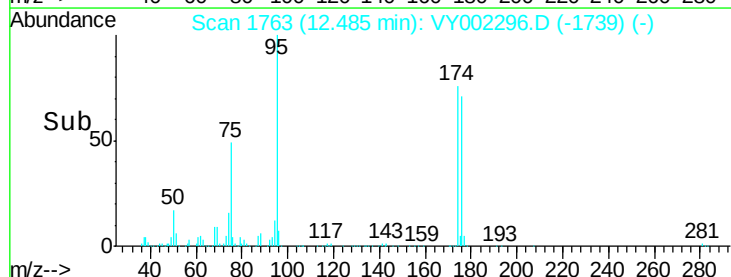
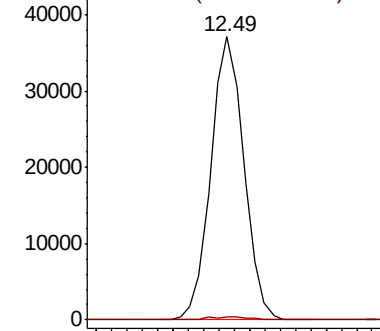
75 100

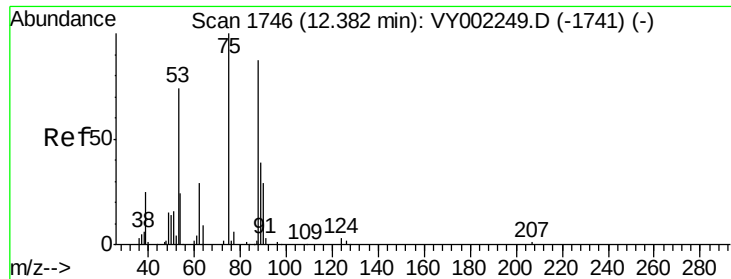
77 1.3 0.0 0.0#



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: 78.960 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002296.D

Acq: 13 Apr 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

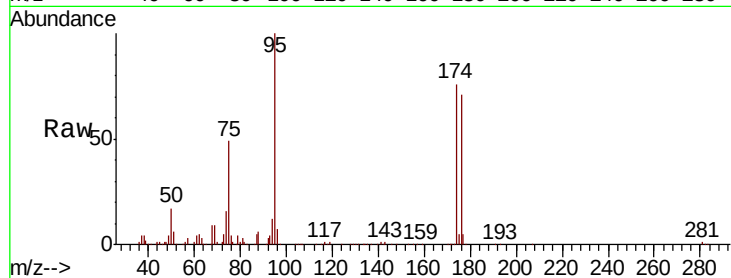
Tot Ion: 75 Resp: 55516

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



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

