

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001313.D
 Acq On : 20 Jan 2020 21:49
 Operator : SY/MD
 Sample : L1205-08
 Misc : 10.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:05:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

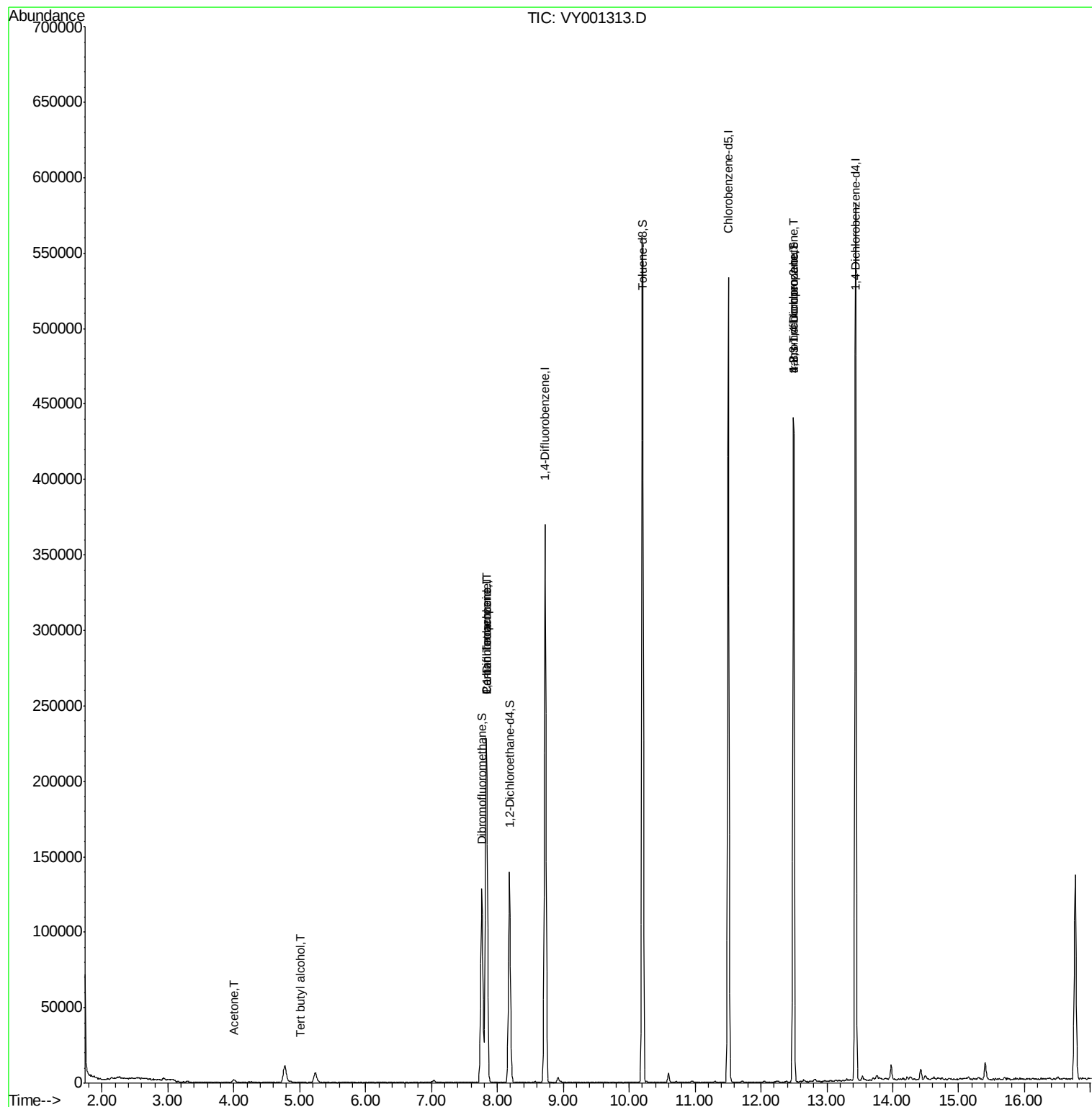
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	174470	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	316007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	142316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	102508	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
35) Dibromofluoromethane	7.76	113	92694	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.20	98	370309	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.49	95	142062	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.02	59	556	2.999	ug/l #	73
16) Acetone	4.00	43	3074	7.183	ug/l	89
20) Methylene Chloride	4.77	84	8541	Below Cal		97
36) 1,1-Dichloropropene	7.83	75	13339	4.631	ug/l #	49
38) Carbon Tetrachloride	7.83	117	16064	6.086	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	69327	45.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	69327	77.166	ug/l #	6

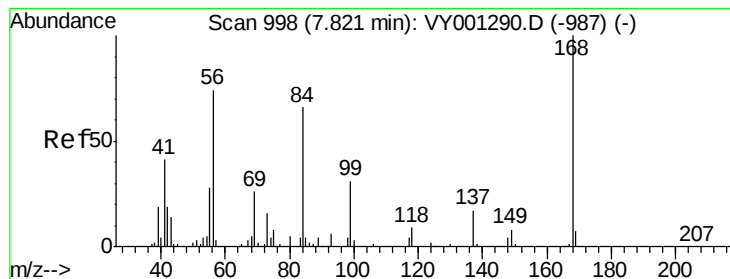
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

Instrument :

MSVOA_Y

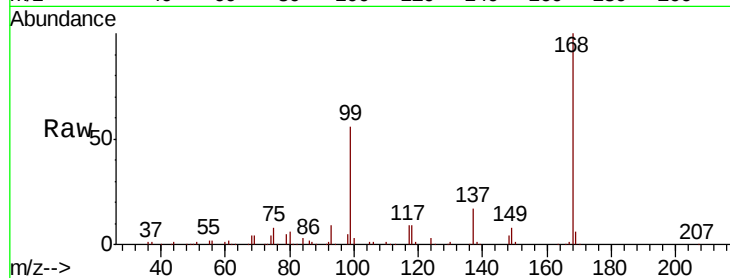
ClientSampled :

Tot Ion:168 Resp: 174470

Ion Ratio Lower Upper

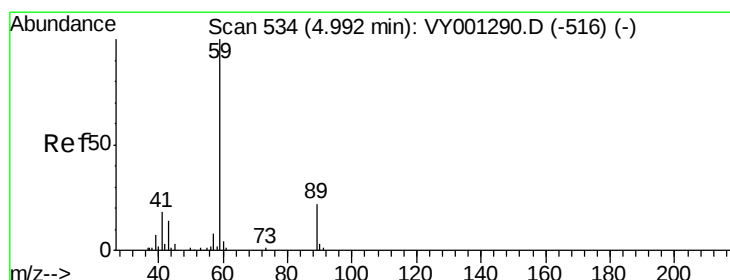
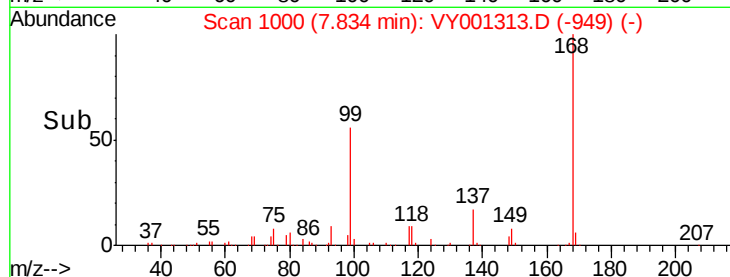
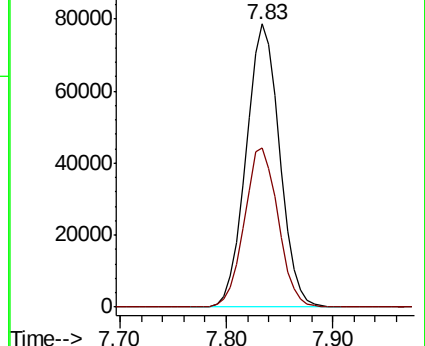
168 100

99 56.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D

Ion 98.90 (98.60 to 99.60): VY001290.D



#11

Tert butyl alcohol

Concen: 2.999 ug/l

RT: 5.02 min Scan# 538

Delta R.T. 0.02 min

Lab File: VY001313.D

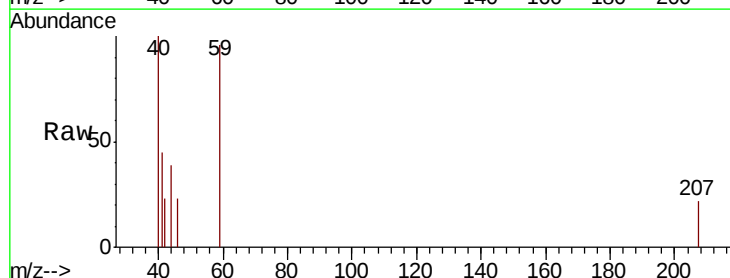
Acq: 20 Jan 2020 21:49

Tgt Ion: 59 Resp: 556

Ion Ratio Lower Upper

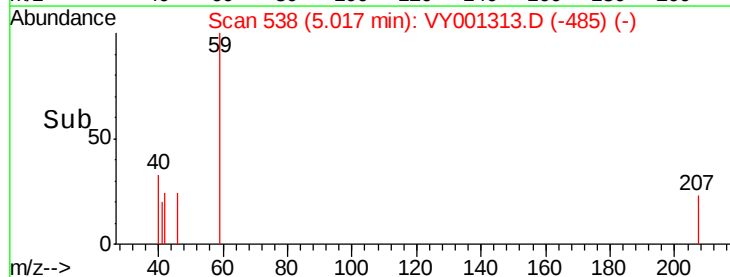
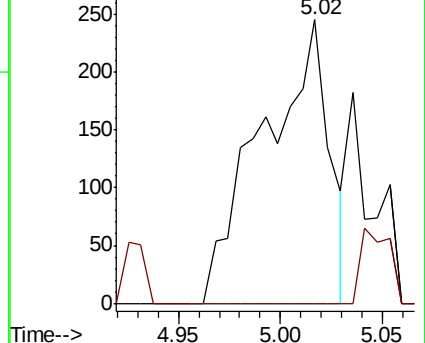
59 100

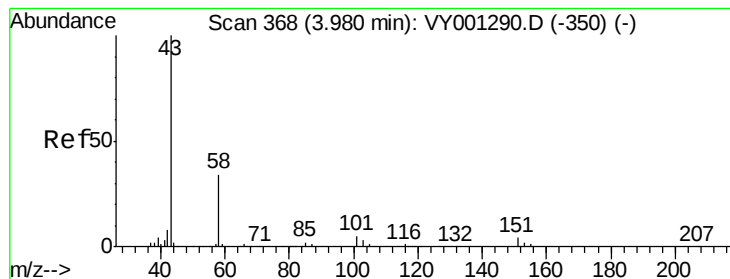
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001290.D

Ion 57.00 (56.70 to 57.70): VY001290.D





#16

Acetone

Concen: 7.183 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.02 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

Instrument :

MSVOA_Y

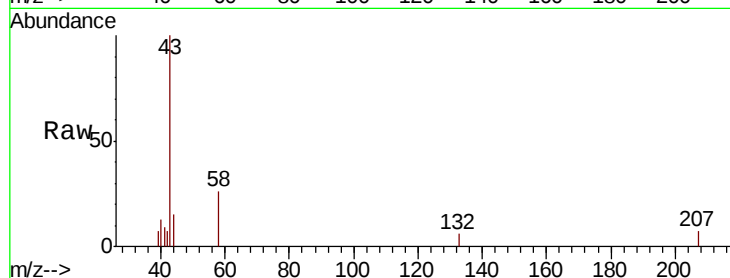
ClientSampled :

Tot Ion: 43 Resp: 3074

Ion Ratio Lower Upper

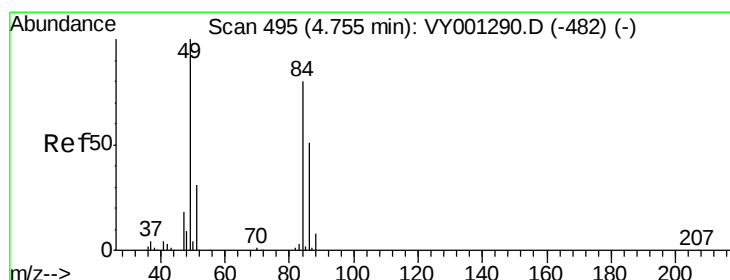
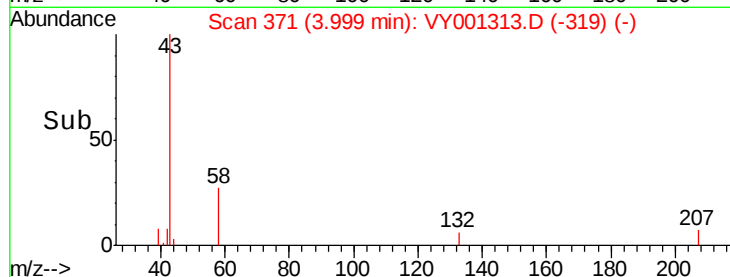
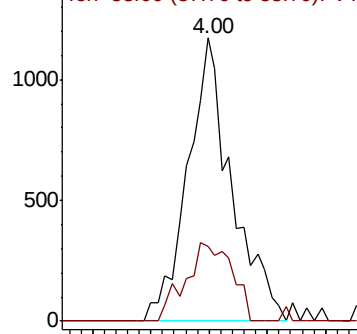
43 100

58 26.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-350) (-)



#20

Methylene Chloride

Concen: Below Cal

RT: 4.77 min Scan# 498

Delta R.T. 0.02 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

Tgt Ion: 84 Resp: 8541

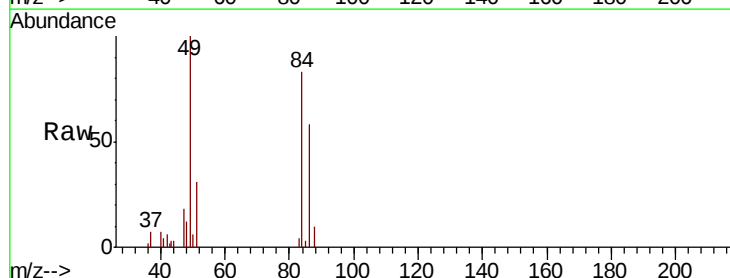
Ion Ratio Lower Upper

84 100

49 120.3 93.8 140.6

51 36.7 29.9 44.9

86 69.3 52.6 78.8

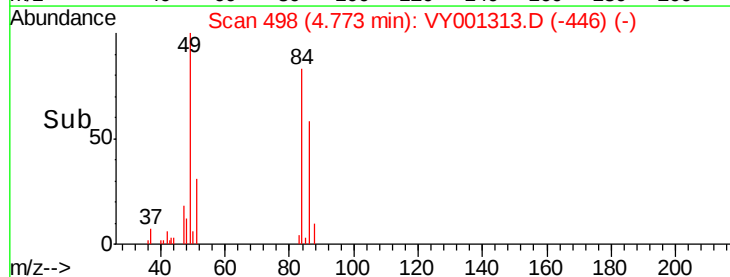
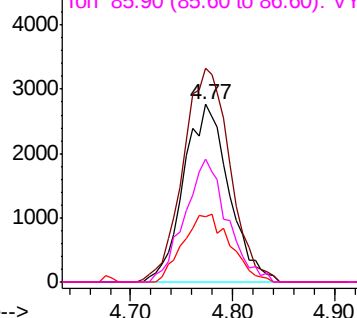


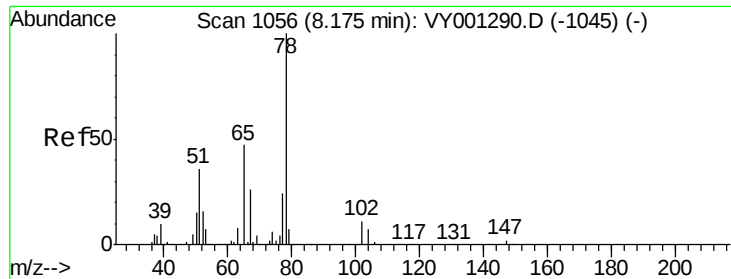
Abundance Ion 83.90 (83.60 to 84.60): VY001290.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VY001290.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VY001290.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VY001290.D (-482) (-)

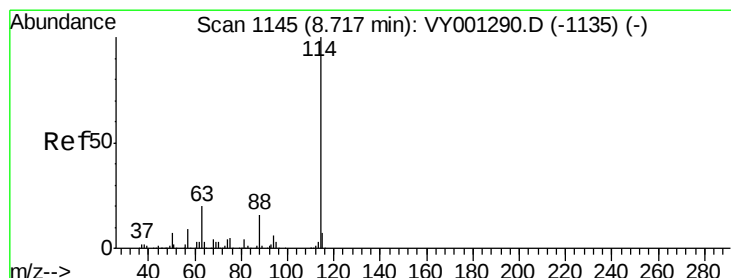
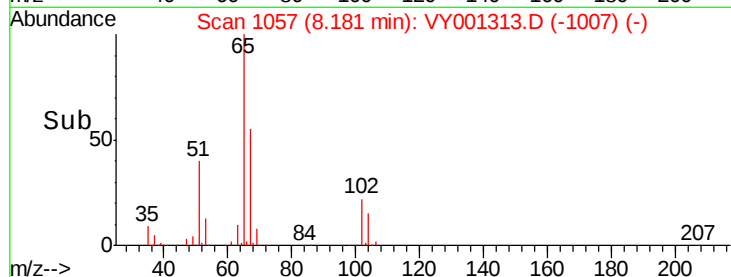
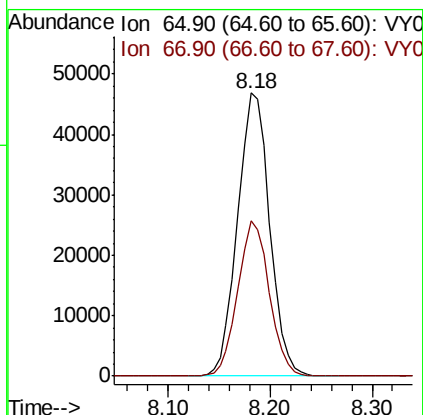
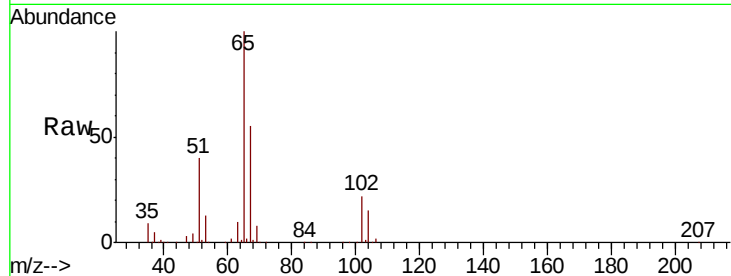




#33
 1,2-Dichloroethane-d4
 Concen: 55.629 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY001313.D
 Acq: 20 Jan 2020 21:49

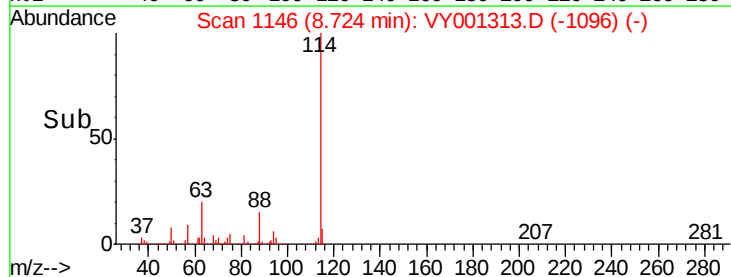
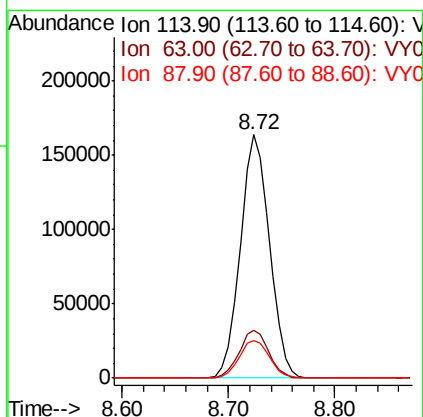
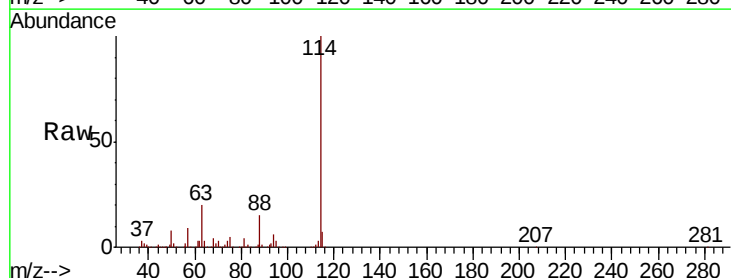
Instrument :
 MSVOA_Y
 ClientSampled :

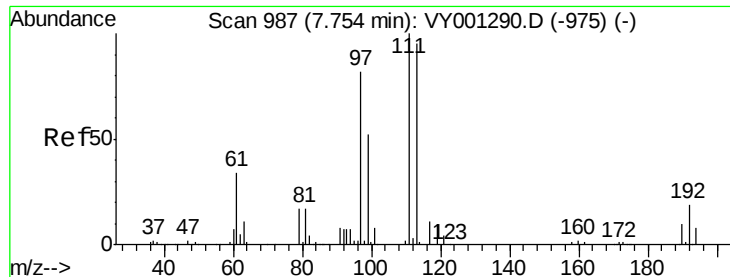
Tot Ion: 65 Resp: 102508
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001313.D
 Acq: 20 Jan 2020 21:49

Tgt Ion: 114 Resp: 316007
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.4 0.0 32.4

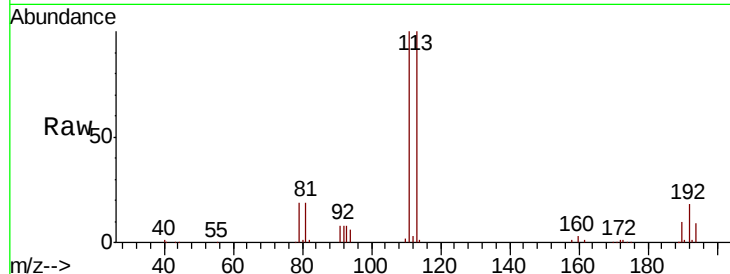




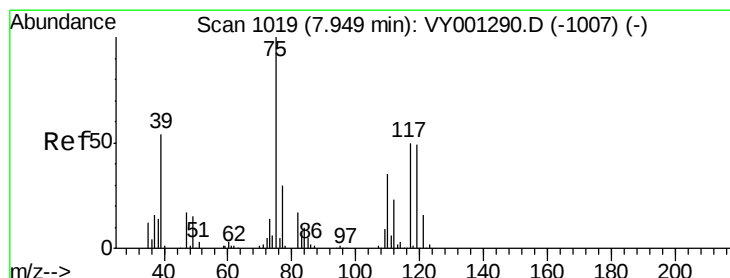
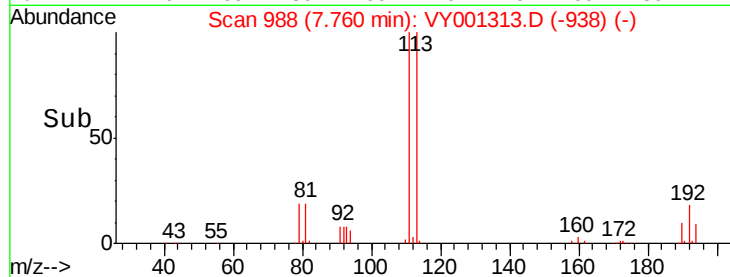
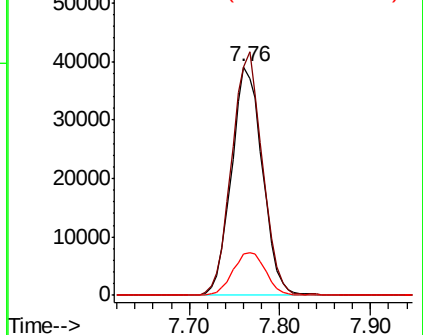
#35
 Dibromofluoromethane
 Concen: 50.099 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VY001313.D
 Acq: 20 Jan 2020 21:49

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 92694
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.9 124.3
 192 19.7 15.4 23.2

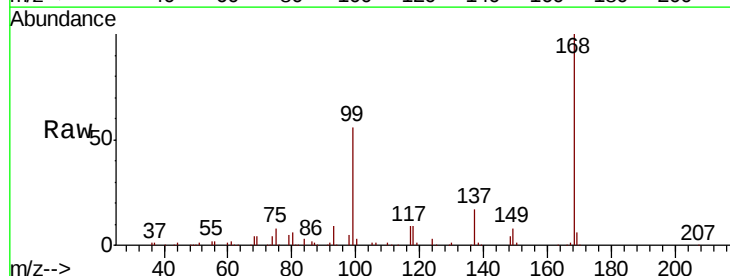


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

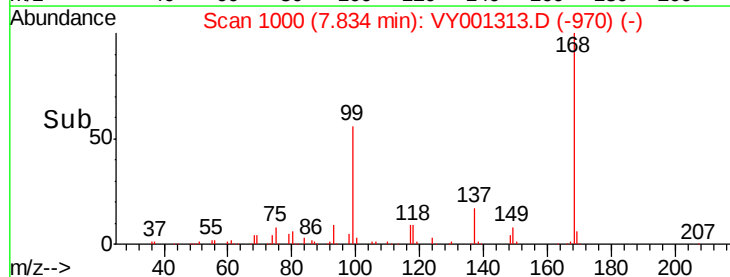
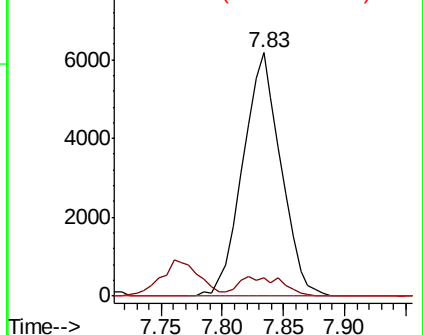


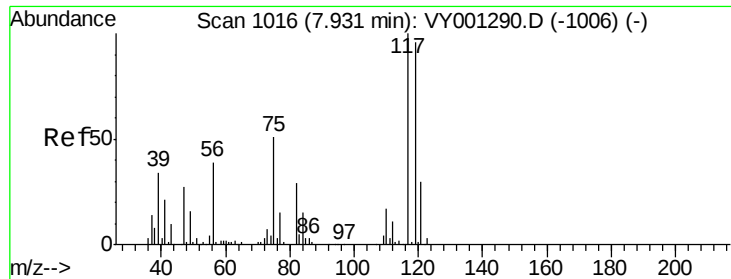
#36
 1,1-Dichloropropene
 Concen: 4.631 ug/l
 RT: 7.83 min Scan# 1000
 Delta R.T. -0.12 min
 Lab File: VY001313.D
 Acq: 20 Jan 2020 21:49

Tgt Ion: 75 Resp: 13339
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.3 54.8#
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

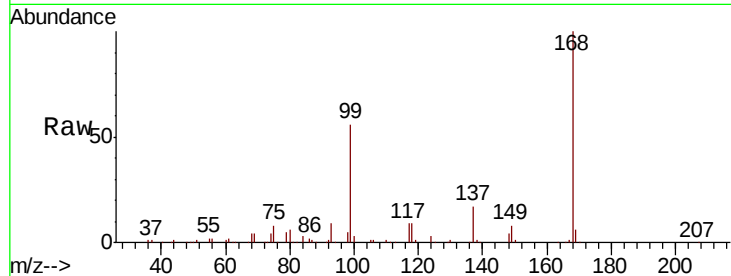




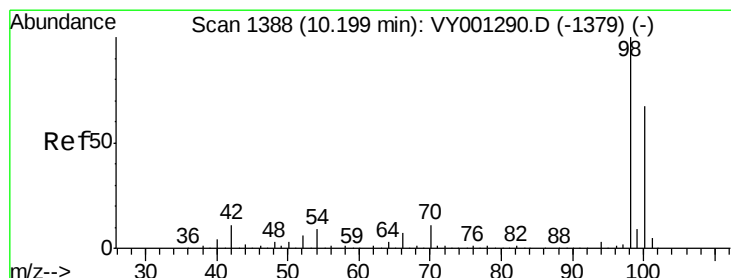
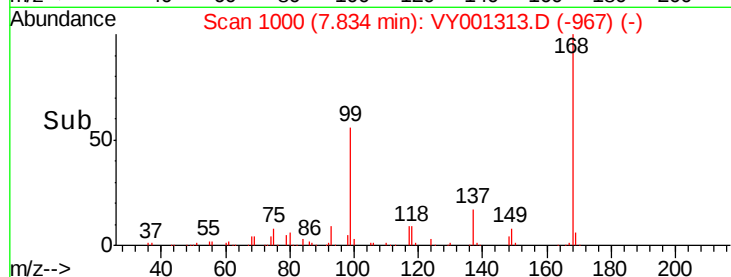
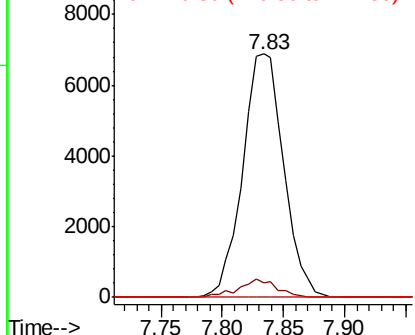
#38
Carbon Tetrachloride
Concen: 6.086 ug/l
RT: 7.83 min Scan# 1000
Delta R.T. -0.10 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 16064
Ion Ratio Lower Upper
117 100
119 5.7 78.3 117.5#
121 0.0 23.5 35.3#

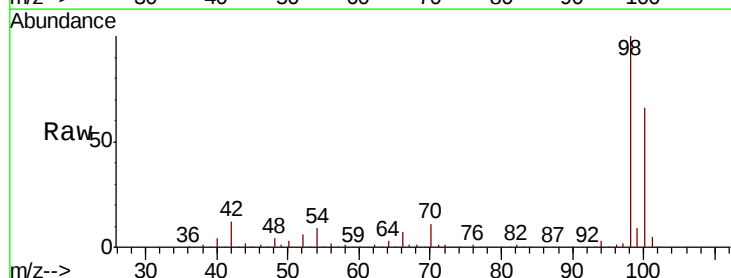


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

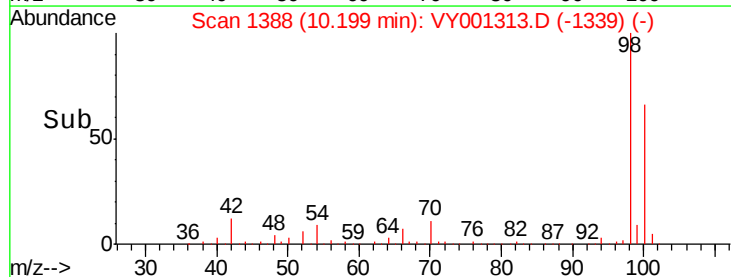
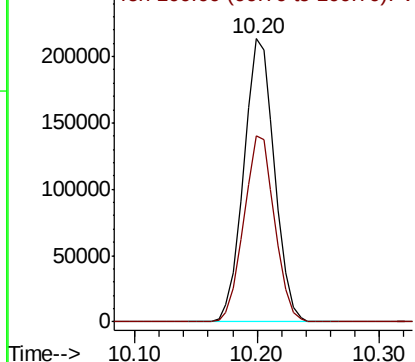


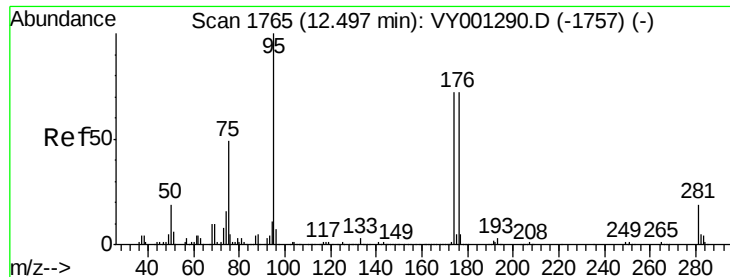
#50
Toluene-d8
Concen: 51.943 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Tgt Ion: 98 Resp: 370309
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



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

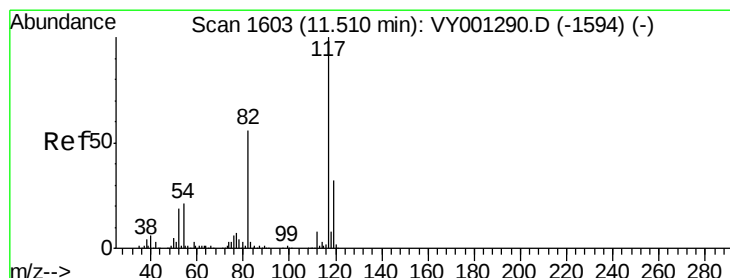
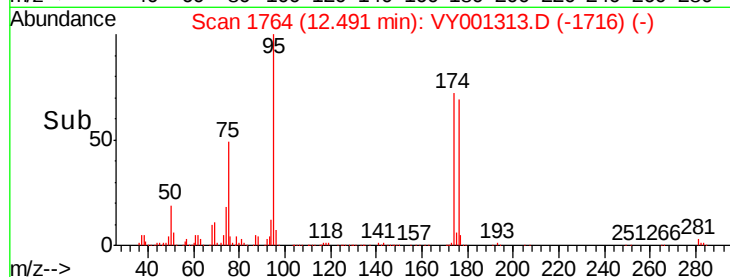
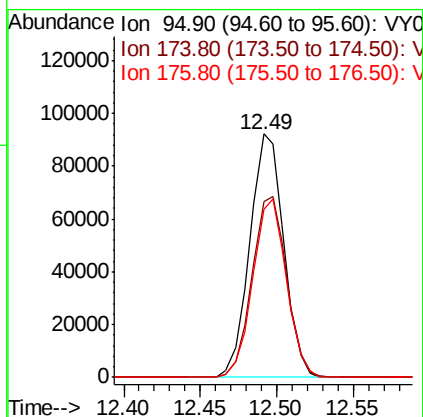
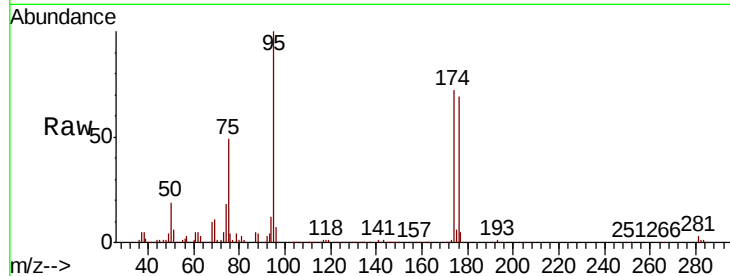




#62
4-Bromofluorobenzene
Concen: 48.741 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.01 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

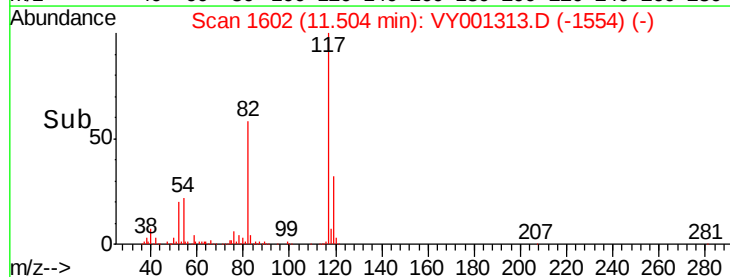
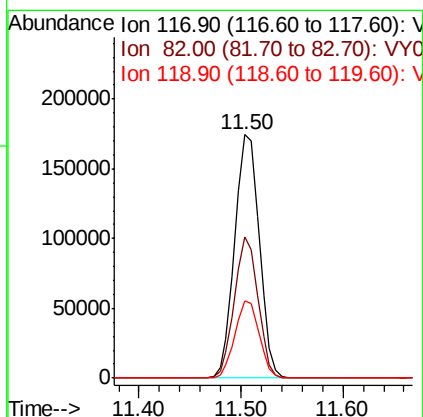
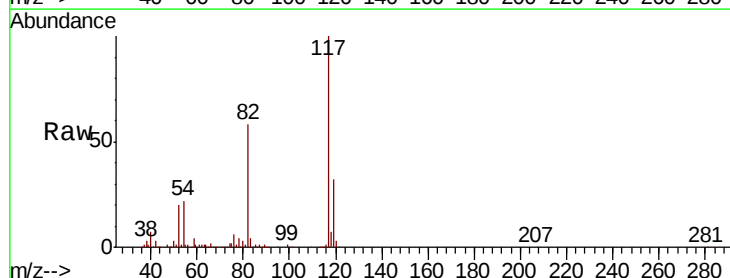
Instrument :
MSVOA_Y
ClientSampleId :

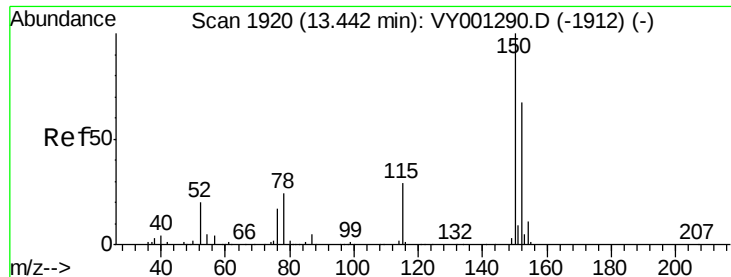
Tot Ion: 95 Resp: 142062
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.2
176 72.9 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Tgt Ion: 117 Resp: 290138
Ion Ratio Lower Upper
117 100
82 57.8 44.9 67.3
119 31.7 25.7 38.5



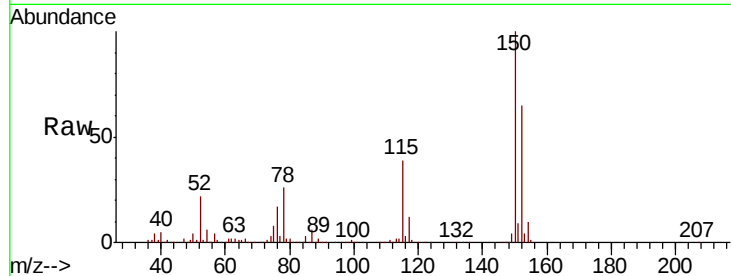


#72

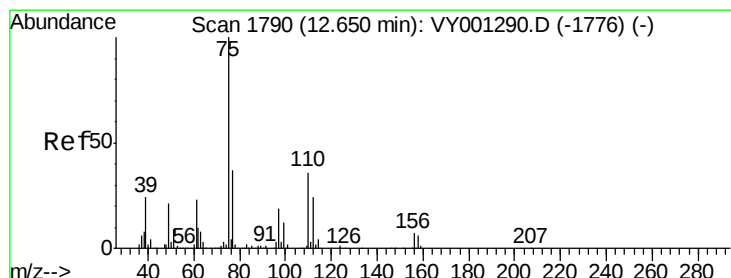
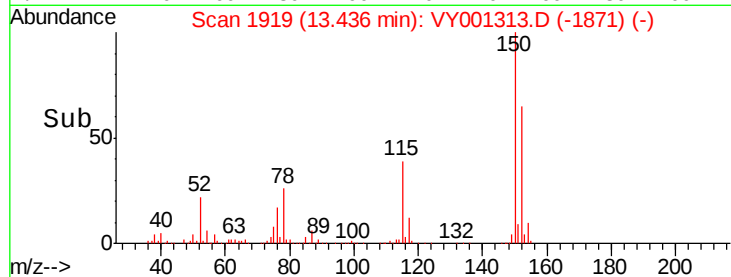
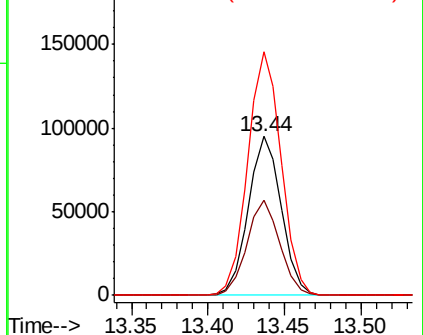
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.9	92.5
150	155.3	0.0	346.8



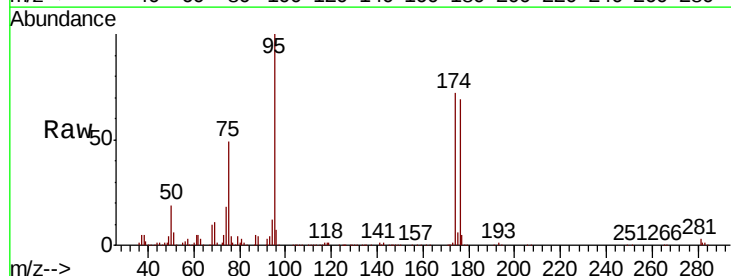
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



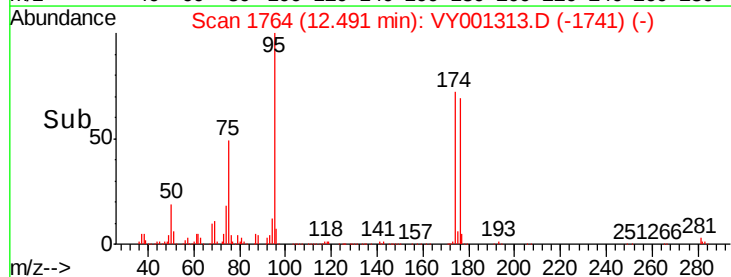
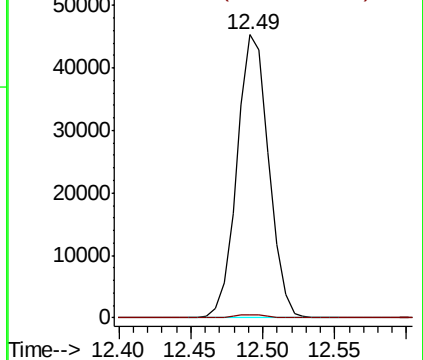
#76

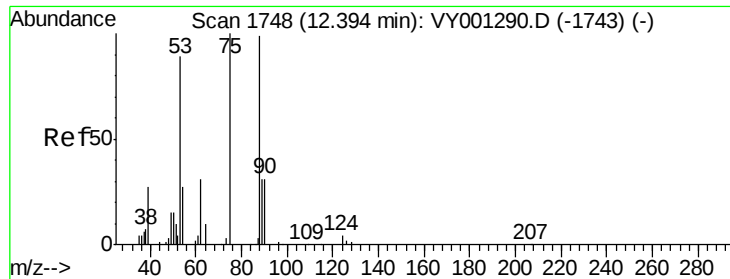
1,2,3-Trichloropropane
Concen: 45.505 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.16 min
Lab File: VY001313.D
Acq: 20 Jan 2020 21:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 77.166 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001313.D

Acq: 20 Jan 2020 21:49

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 69327

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 0.0 0.0

