

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001703.D
 Acq On : 19 Feb 2020 16:52
 Operator : SY/MD
 Sample : L1600-06
 Misc : 4.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 20 05:40:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

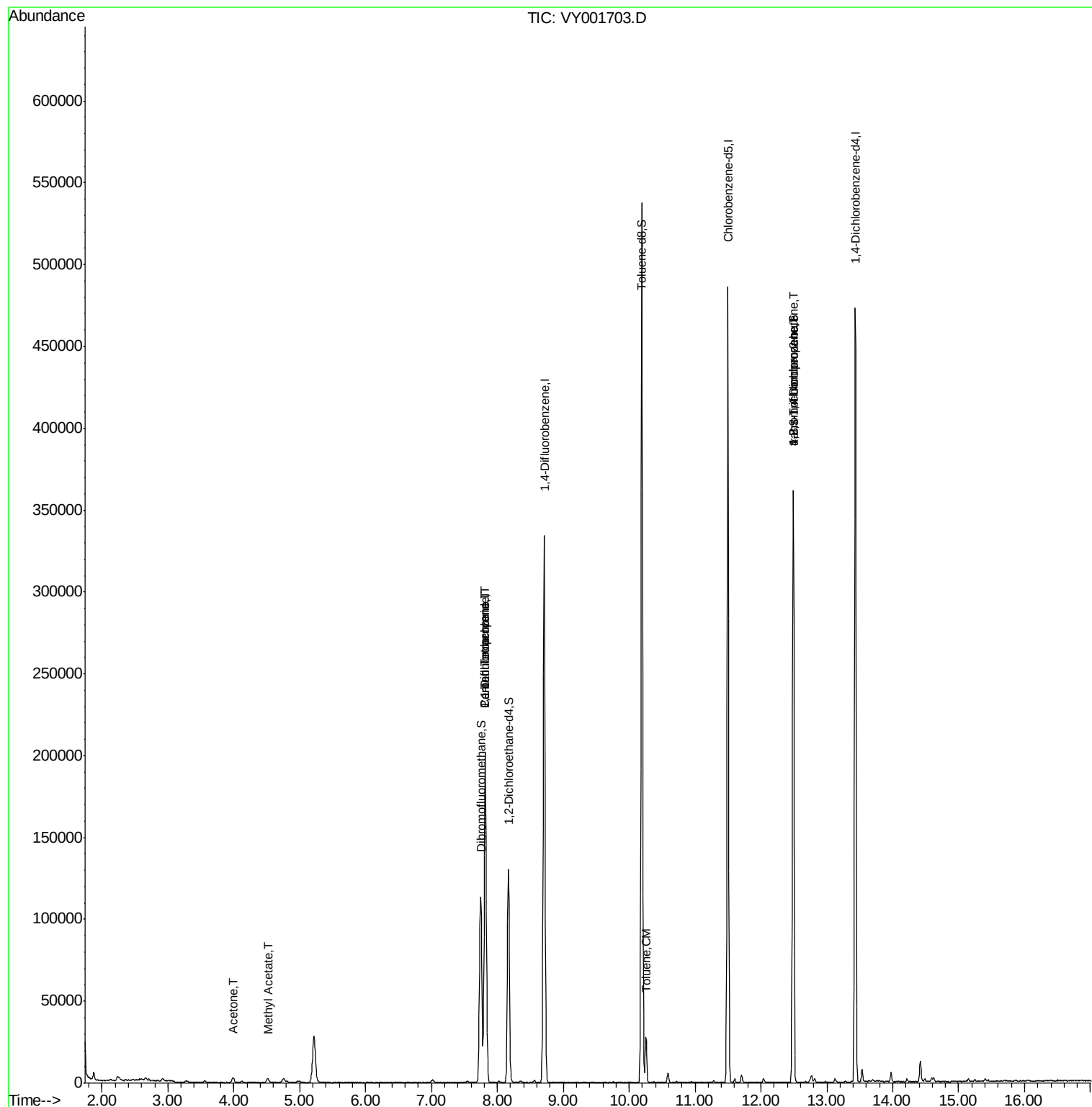
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	154367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	288076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95383	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	7.74	113	82676	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.19	98	348517	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.49	95	118519	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	771	Below Cal	#	81
16) Acetone	3.98	43	3157	5.495	ug/l	96
18) Methyl Acetate	4.52	43	4440	3.549	ug/l	99
36) 1,1-Dichloropropene	7.82	75	12700	4.615	ug/l #	50
38) Carbon Tetrachloride	7.82	117	15451	6.393	ug/l #	17
52) Toluene	10.25	92	11131	2.205	ug/l	96
76) 1,2,3-Trichloropropane	12.49	75	60670	45.856	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60670	86.997	ug/l #	17

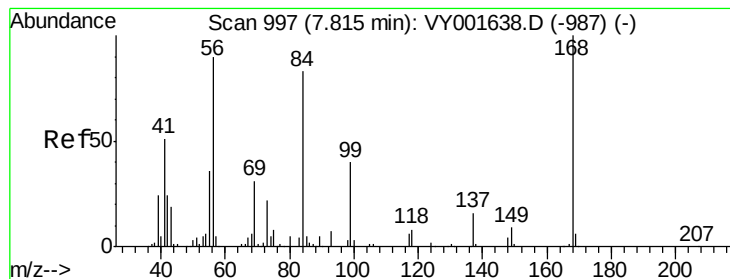
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

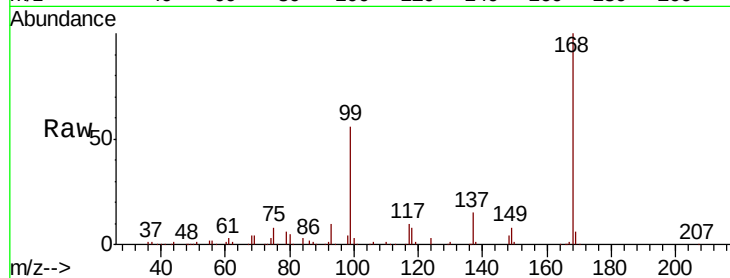
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 154367

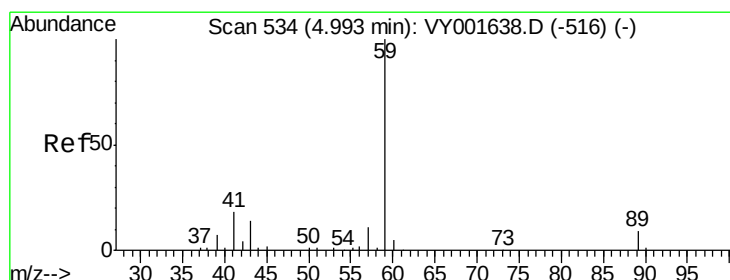
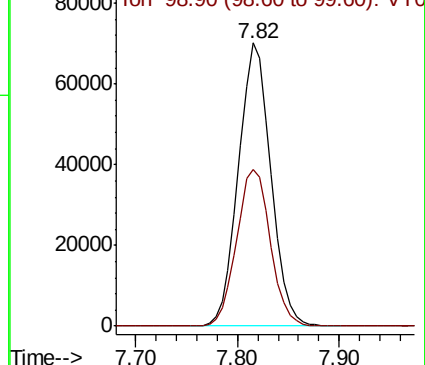
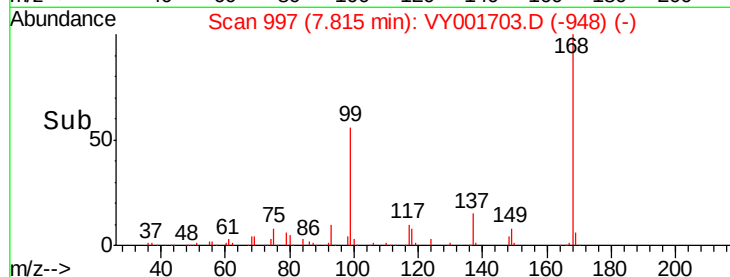
Ion Ratio Lower Upper

168 100

99 55.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001703.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001703.D

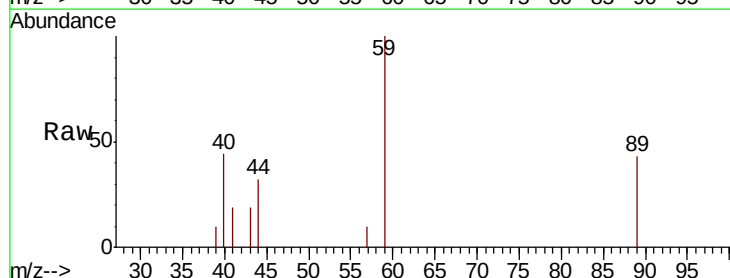
Acq: 19 Feb 2020 16:52

Tgt Ion: 59 Resp: 771

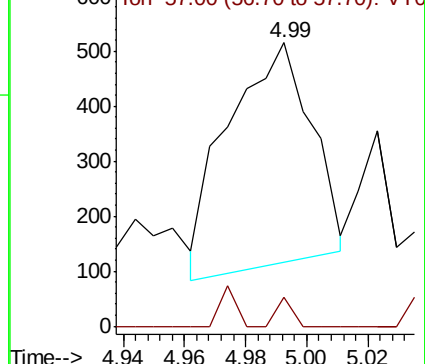
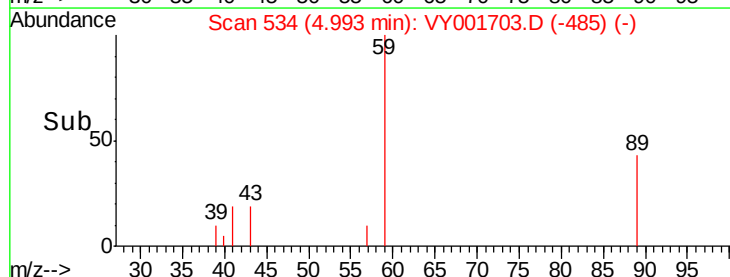
Ion Ratio Lower Upper

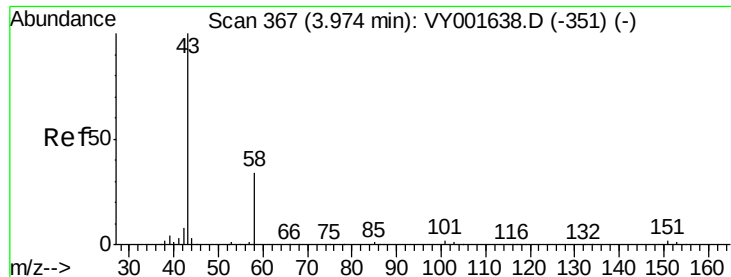
59 100

57 2.5 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001703.D (-485) (-)





#16

Acetone

Concen: 5.495 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

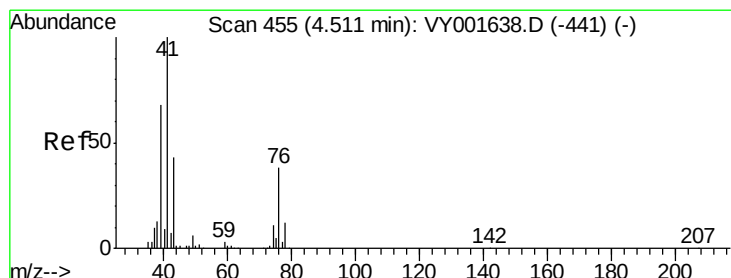
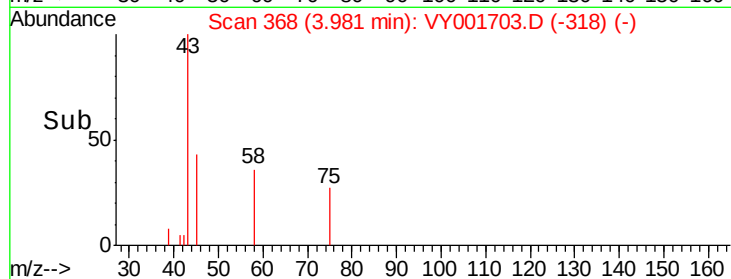
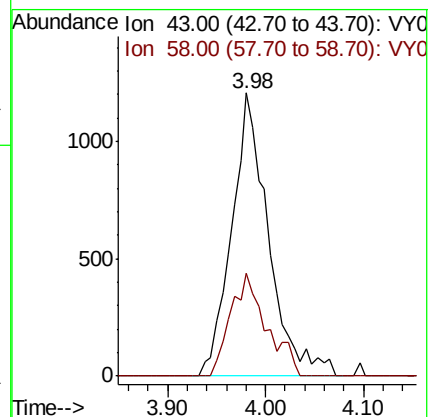
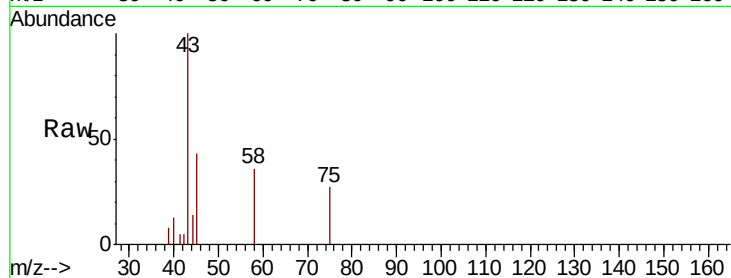
ClientSampled :

Tot Ion: 43 Resp: 3157

Ion Ratio Lower Upper

43 100

58 36.4 27.3 40.9



#18

Methyl Acetate

Concen: 3.549 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001703.D

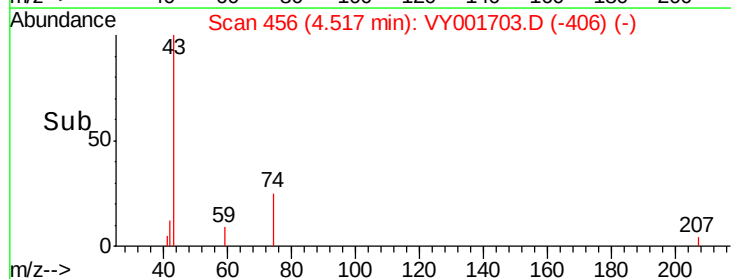
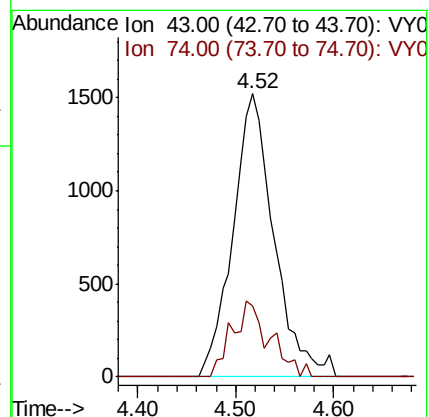
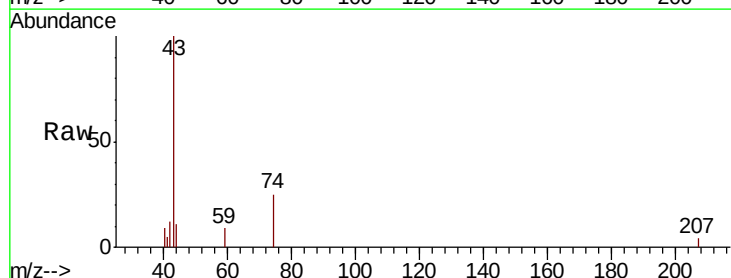
Acq: 19 Feb 2020 16:52

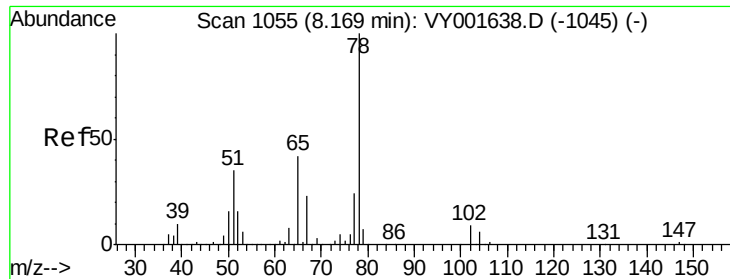
Tgt Ion: 43 Resp: 4440

Ion Ratio Lower Upper

43 100

74 24.5 19.1 28.7

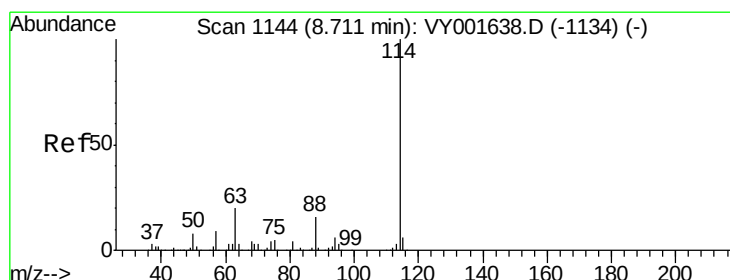
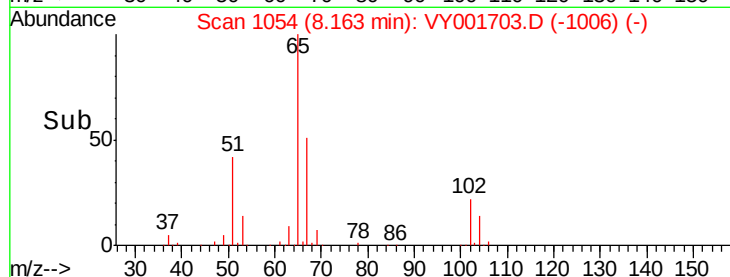
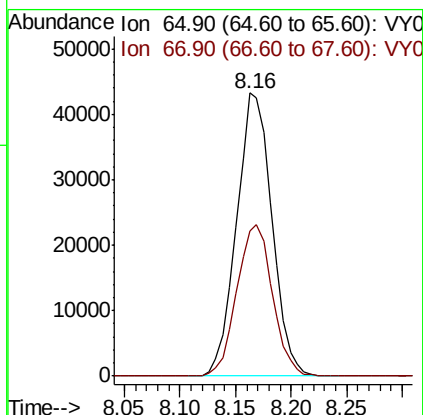
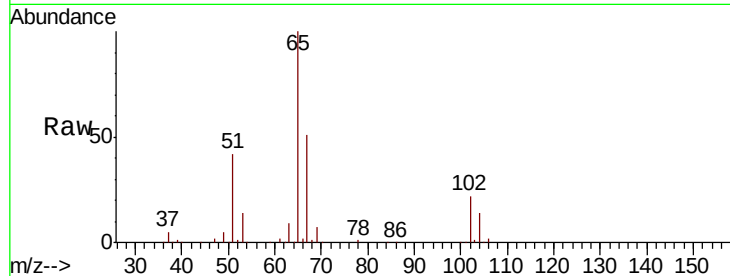




#33
 1,2-Dichloroethane-d4
 Concen: 57.444 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001703.D
 Acq: 19 Feb 2020 16:52

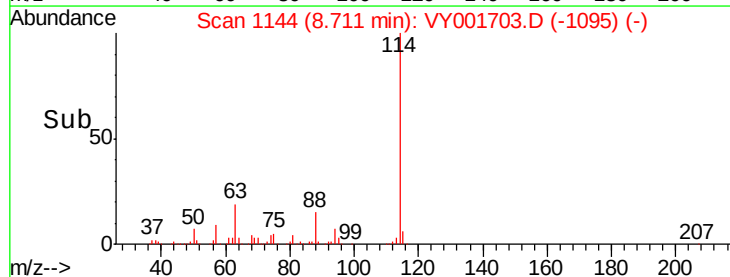
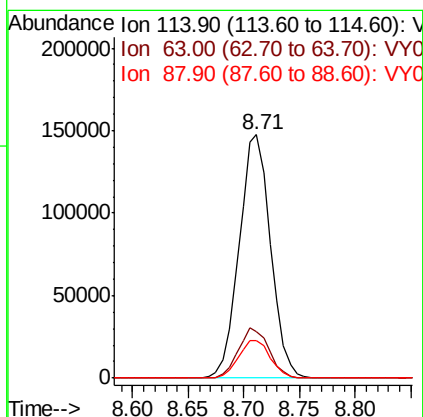
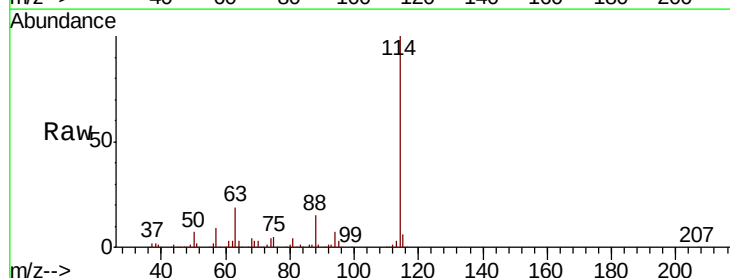
Instrument :
 MSVOA_Y
 ClientSampleId :

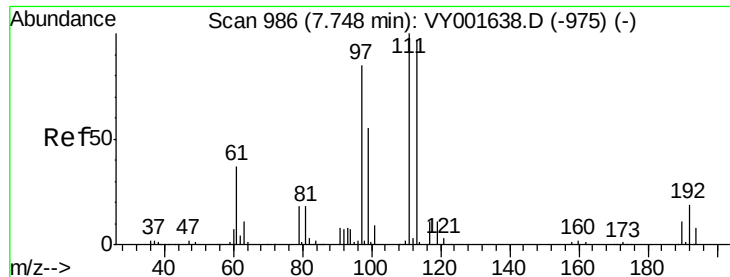
Tot Ion: 65 Resp: 95383
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001703.D
 Acq: 19 Feb 2020 16:52

Tgt Ion: 114 Resp: 288076
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.3 0.0 32.8

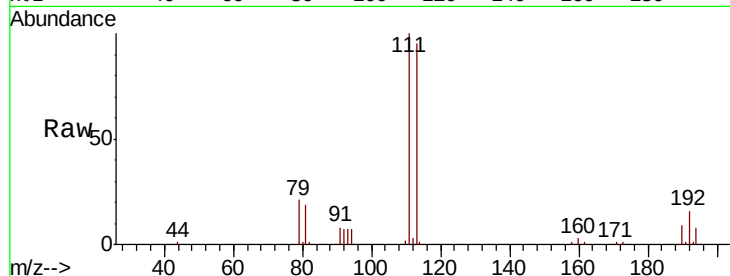




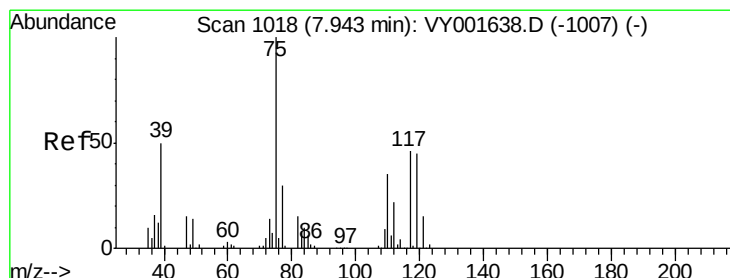
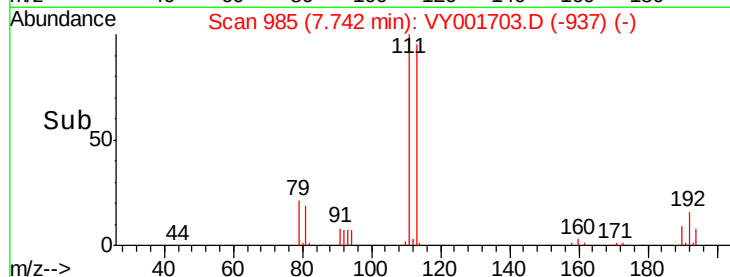
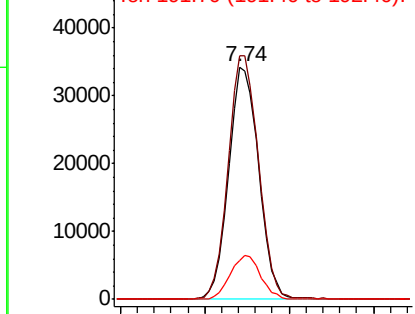
#35
 Dibromofluoromethane
 Concen: 50.108 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001703.D
 Acq: 19 Feb 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 82676
 Ion Ratio Lower Upper
 113 100
 111 105.7 81.9 122.9
 192 19.0 14.3 21.5

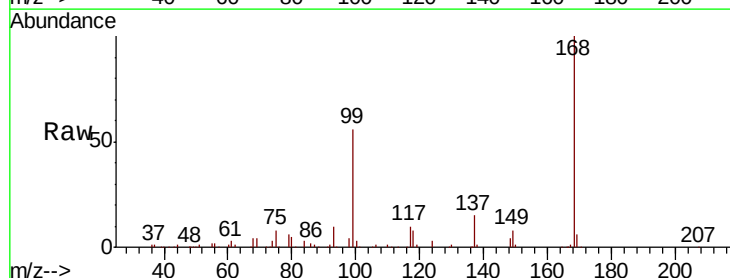


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

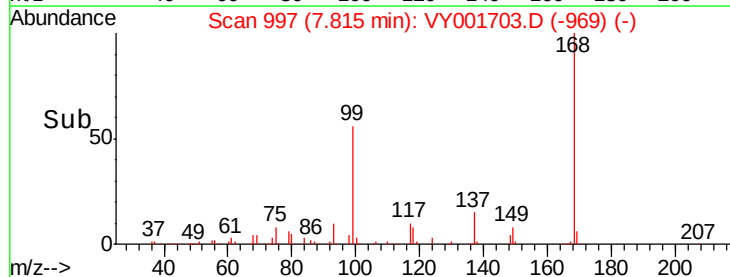
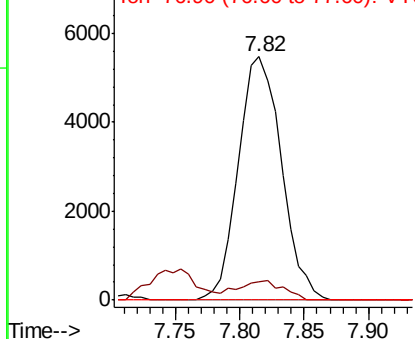


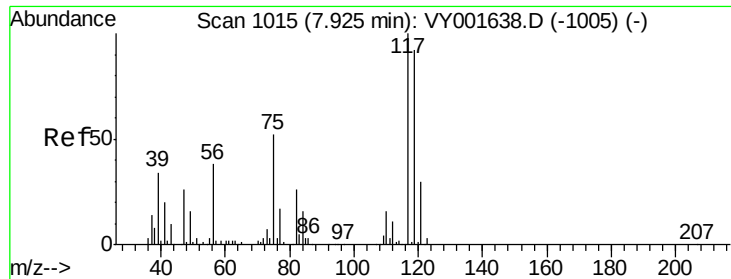
#36
 1,1-Dichloropropene
 Concen: 4.615 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001703.D
 Acq: 19 Feb 2020 16:52

Tgt Ion: 75 Resp: 12700
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.2 51.6#
 77 0.0 24.8 37.2#



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

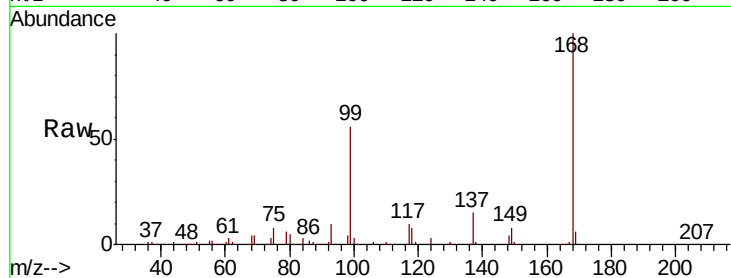




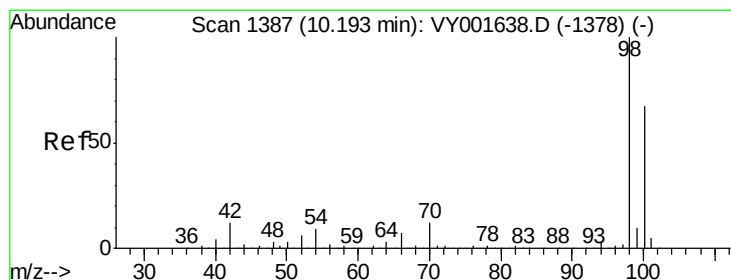
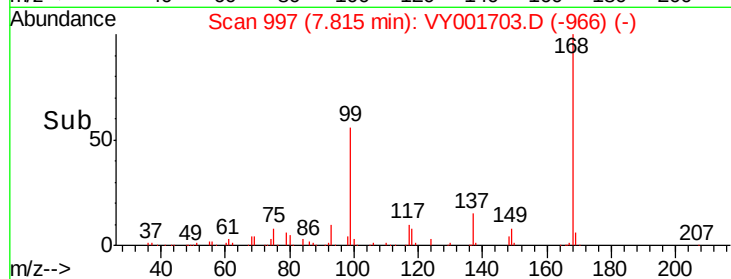
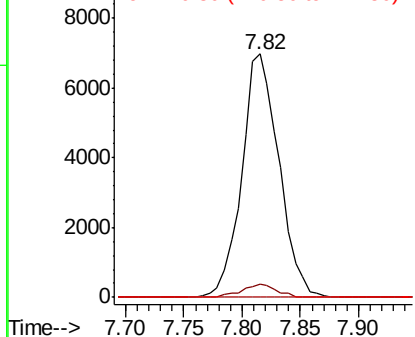
#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001703.D
Acq: 19 Feb 2020 16:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 15451
Ion Ratio Lower Upper
117 100
119 5.2 74.8 112.2#
121 0.0 23.8 35.6#

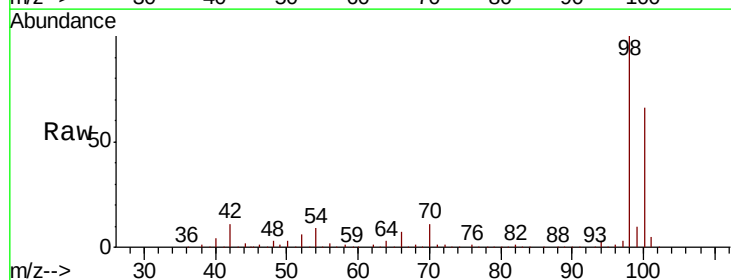


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

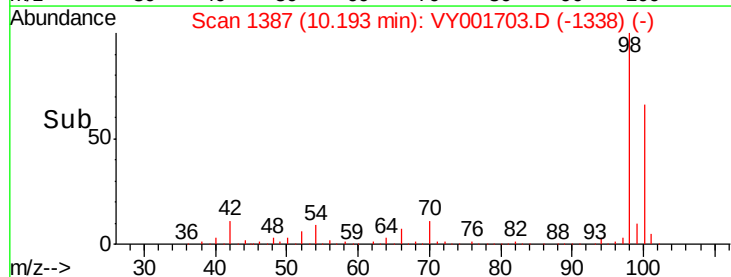
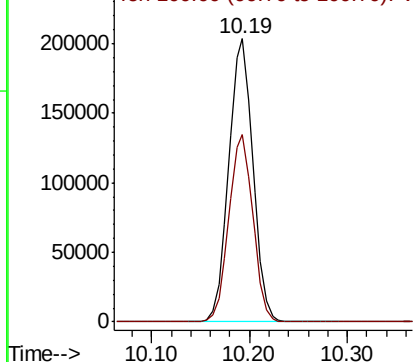


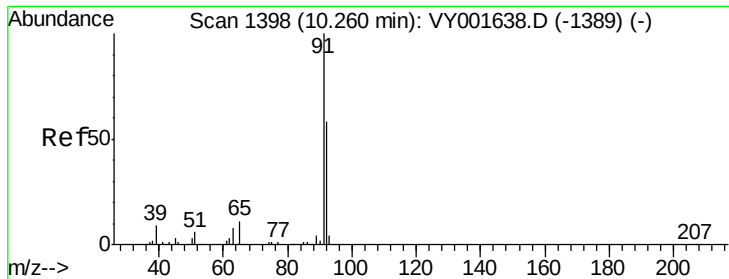
#50
Toluene-d8
Concen: 53.916 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001703.D
Acq: 19 Feb 2020 16:52

Tgt Ion: 98 Resp: 348517
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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





#52

Toluene

Concen: 2.205 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

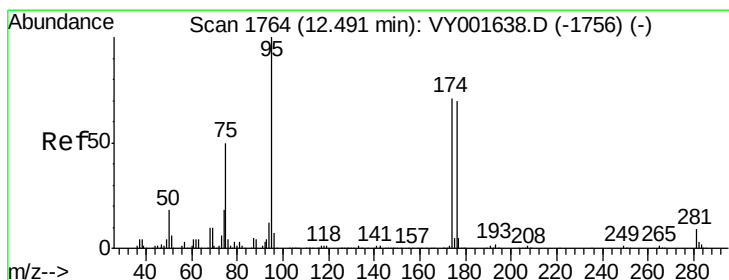
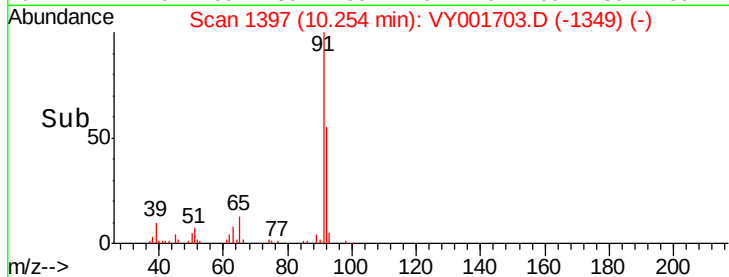
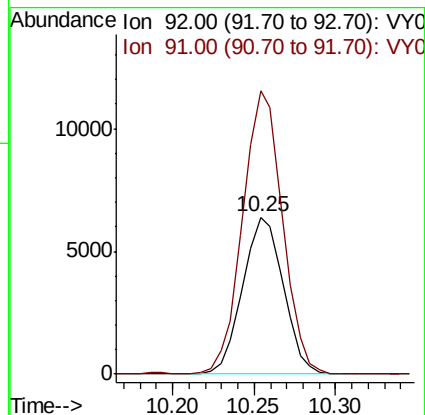
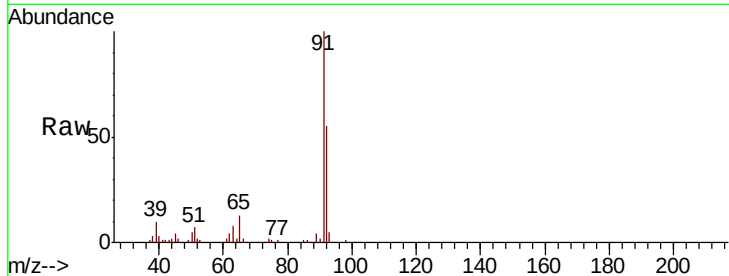
ClientSampled :

Tot Ion: 92 Resp: 11131

Ion Ratio Lower Upper

92 100

91 176.9 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 47.195 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

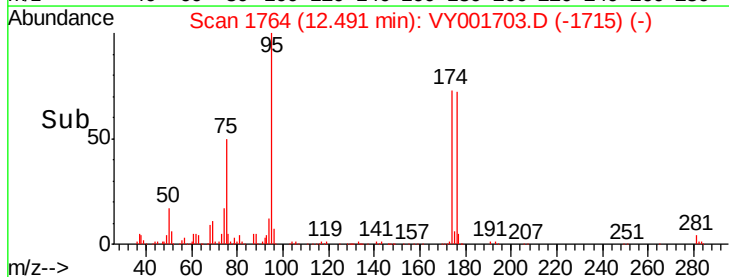
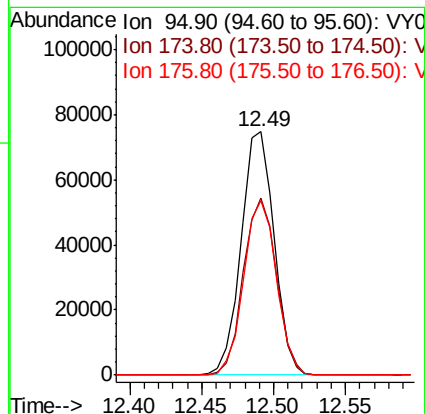
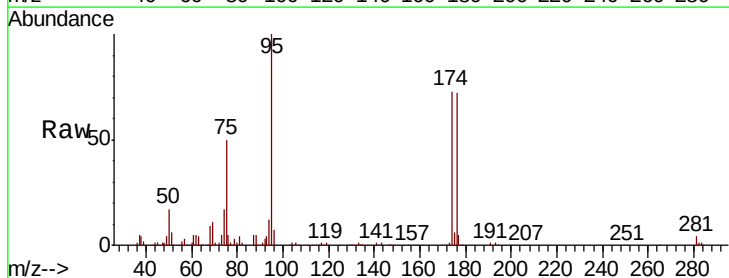
Tgt Ion: 95 Resp: 118519

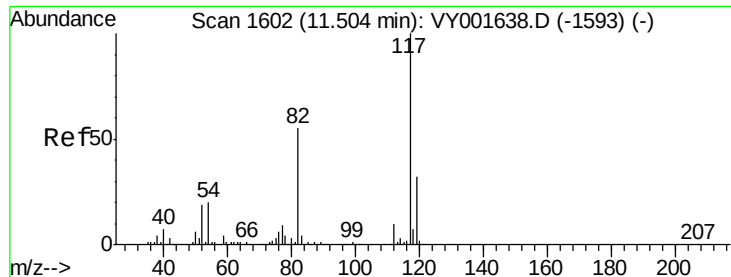
Ion Ratio Lower Upper

95 100

174 73.0 0.0 138.4

176 71.0 0.0 131.8

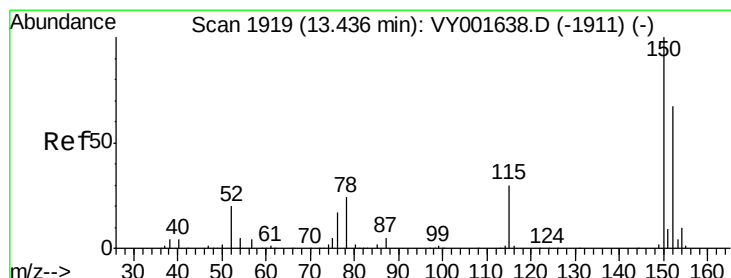
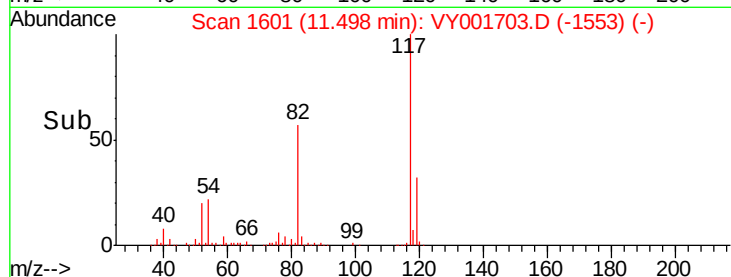
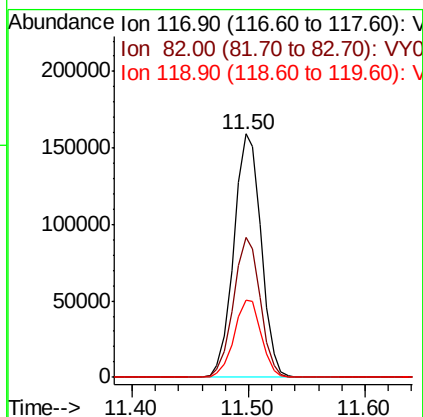
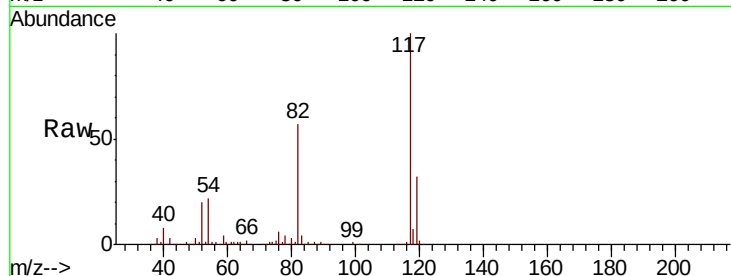




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001703.D
Acq: 19 Feb 2020 16:52

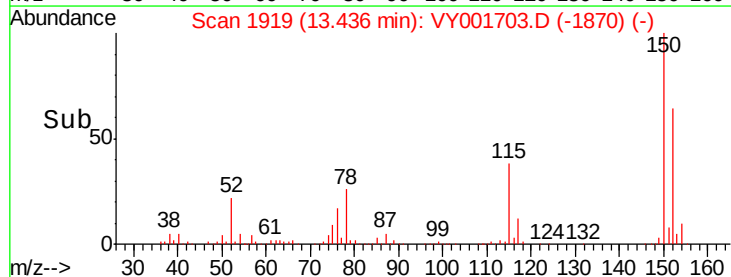
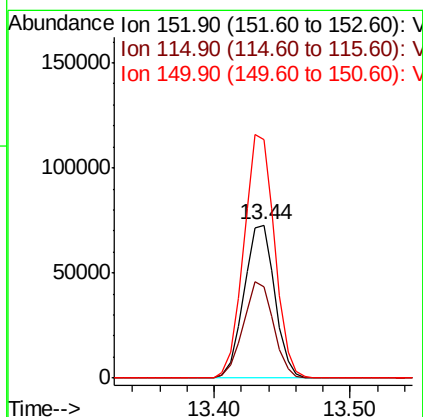
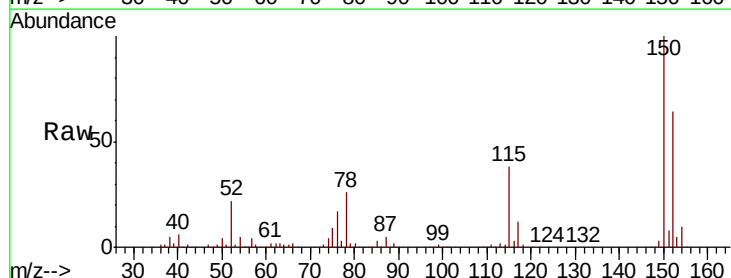
Instrument :
MSVOA_Y
ClientSampleId :

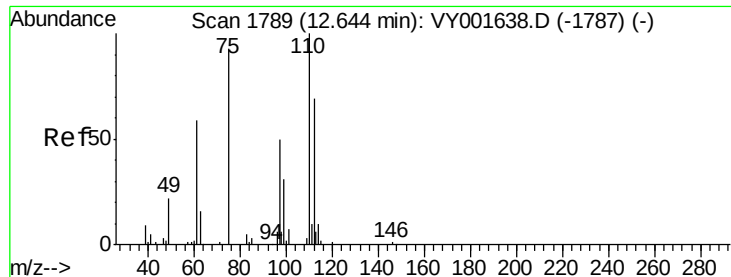
Tot Ion:117 Resp: 259280
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001703.D
Acq: 19 Feb 2020 16:52

Tgt Ion:152 Resp: 115336
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.2
150 158.4 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 45.856 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

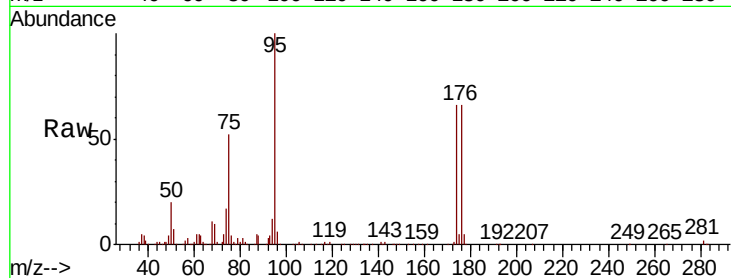
ClientSampleId :

Tot Ion: 75 Resp: 60670

Ion Ratio Lower Upper

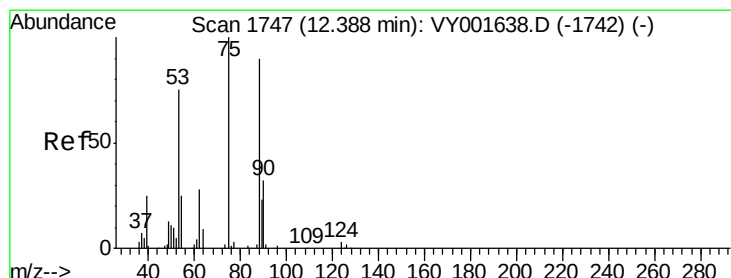
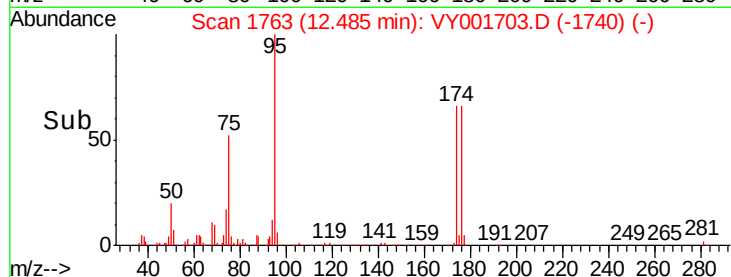
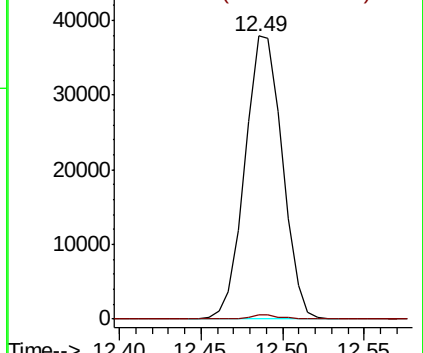
75 100

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: 86.997 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

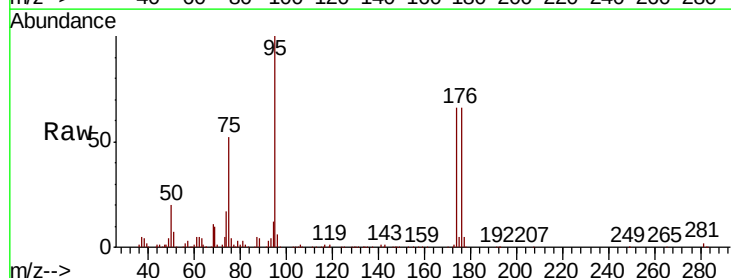
Tgt Ion: 75 Resp: 60670

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



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

