

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002368.D
 Acq On : 16 Apr 2020 15:39
 Operator : SY/MD
 Sample : L2244-08
 Misc : 7.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:06:01 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

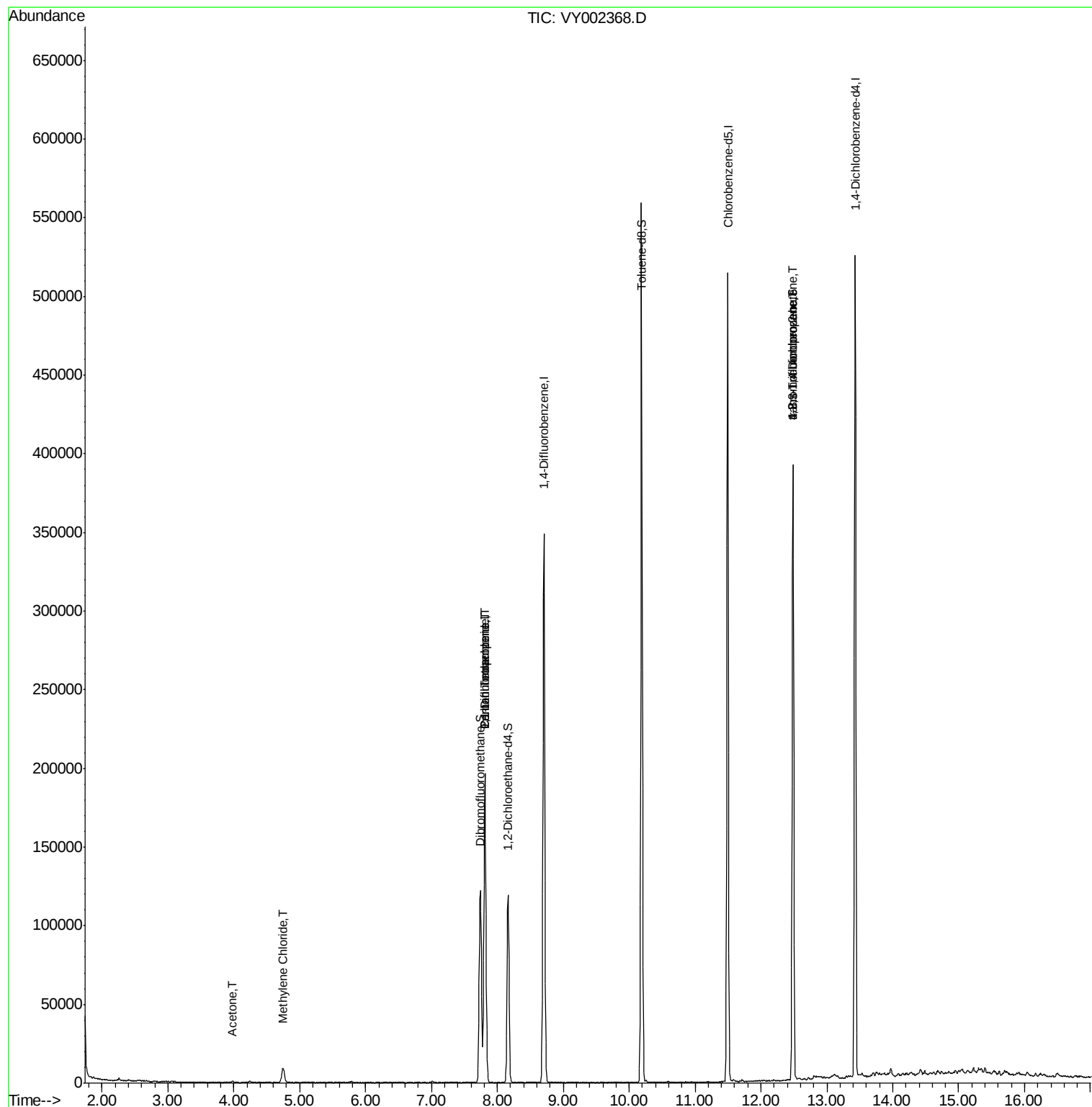
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	151452	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	302267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85020	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.74	113	88493	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.19	98	371208	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.49	95	129840	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.94	59	56	Below Cal	#	77
16) Acetone	3.98	43	1227	2.766	ug/l #	63
20) Methylene Chloride	4.75	84	7298	3.347	ug/l	93
36) 1,1-Dichloropropene	7.81	75	12132	4.075	ug/l #	49
38) Carbon Tetrachloride	7.81	117	15283	6.001	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	61358	41.085	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61358	79.909	ug/l #	19

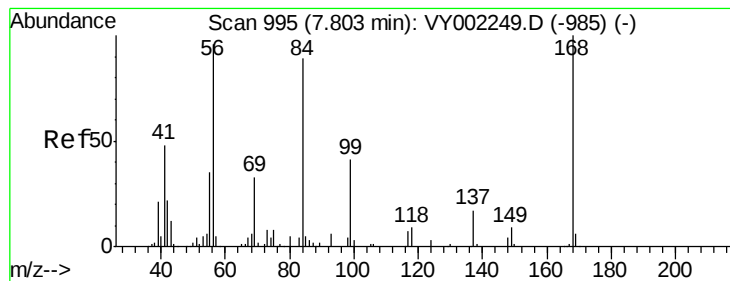
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002368.D

Acq: 16 Apr 2020 15:39

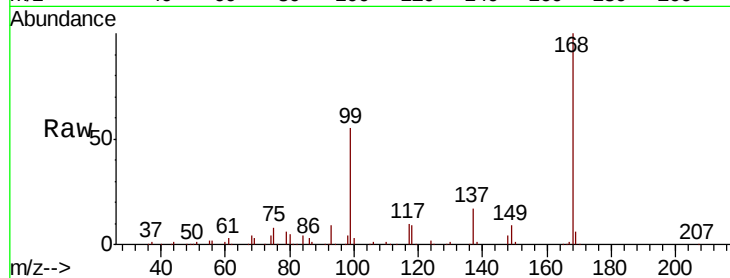
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 151452

Ion Ratio Lower Upper

168 100

99 54.8 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) (-)

7.82

60000

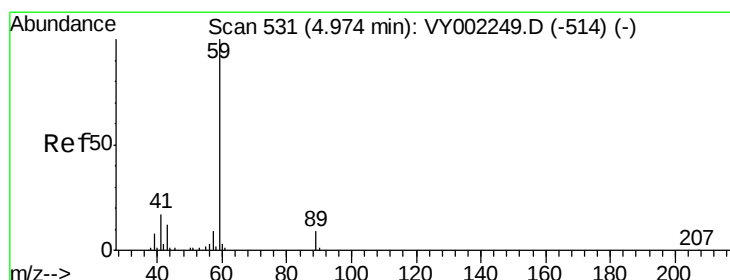
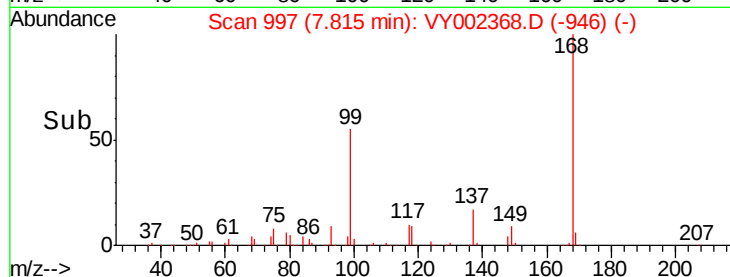
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.94 min Scan# 526

Delta R.T. -0.03 min

Lab File: VY002368.D

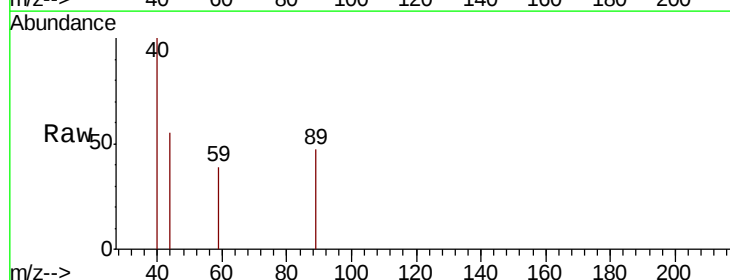
Acq: 16 Apr 2020 15:39

Tgt Ion: 59 Resp: 56

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) (-)

4.94

80

60

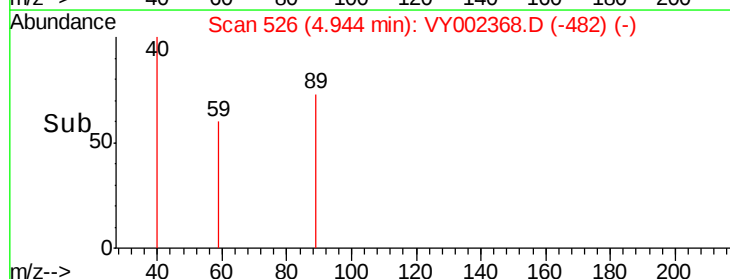
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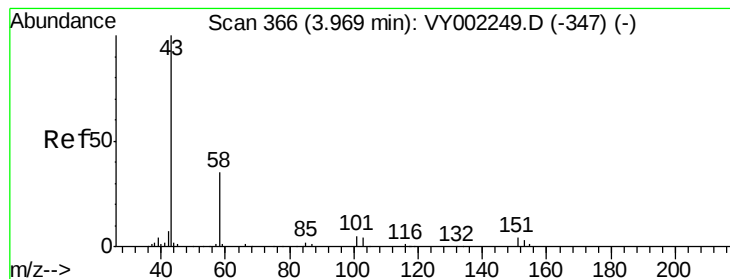
20

0

4.92 4.94 4.96

Time-->





#16

Acetone

Concen: 2.766 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002368.D

Acq: 16 Apr 2020 15:39

Instrument :

MSVOA_Y

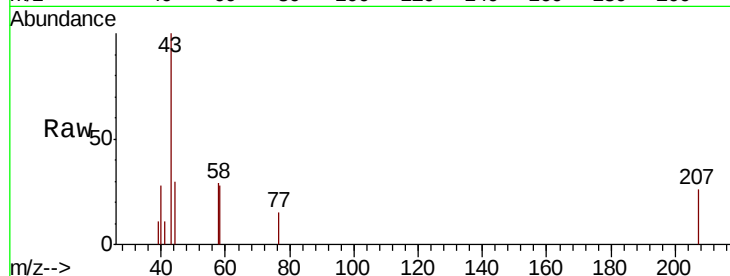
ClientSampleId :

Tot Ion: 43 Resp: 1227

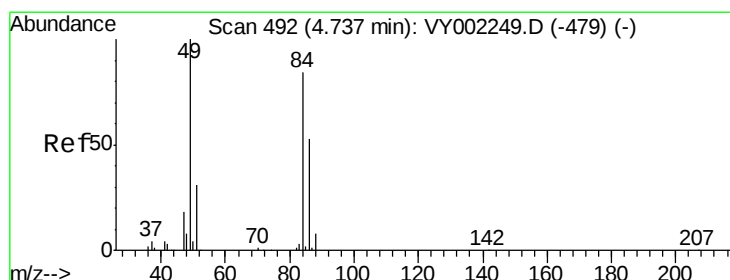
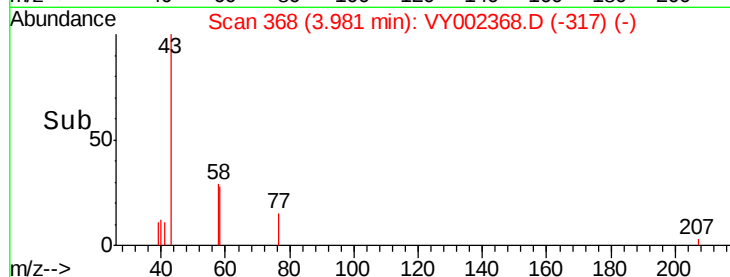
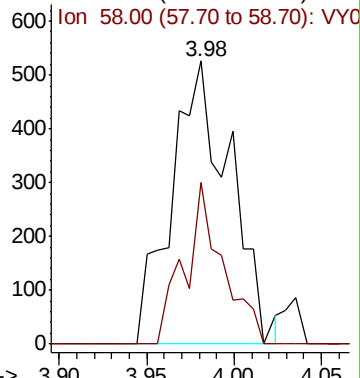
Ion Ratio Lower Upper

43 100

58 57.2 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)



#20

Methylene Chloride

Concen: 3.347 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002368.D

Acq: 16 Apr 2020 15:39

Tgt Ion: 84 Resp: 7298

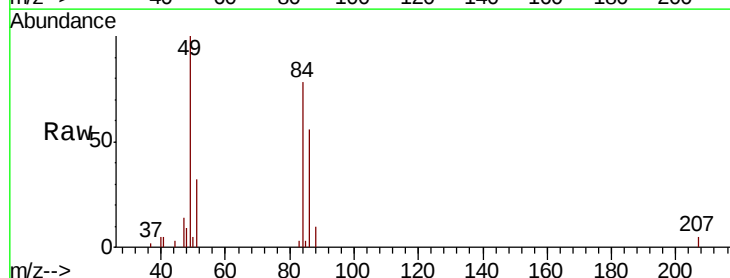
Ion Ratio Lower Upper

84 100

49 124.9 95.5 143.3

51 40.9 29.5 44.3

86 72.2 50.7 76.1

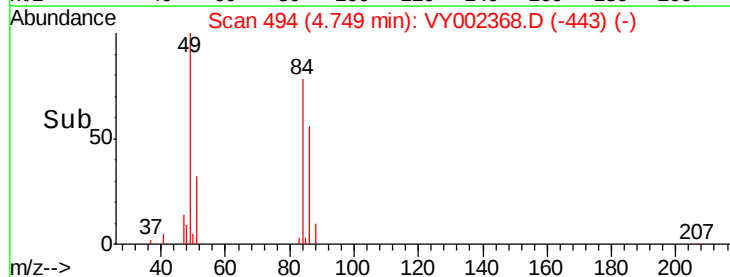
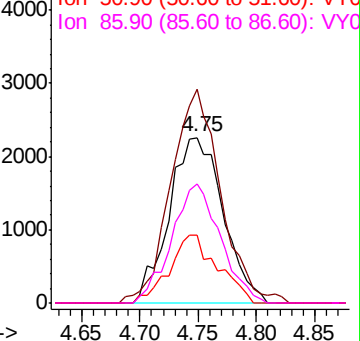


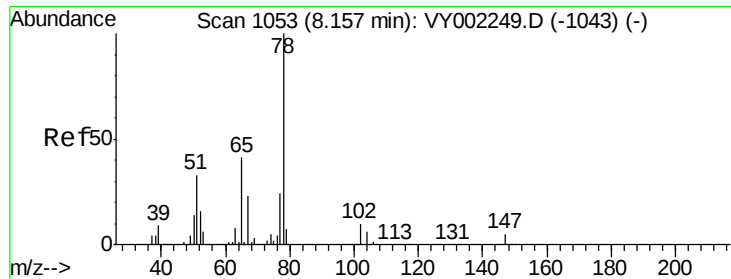
Abundance Ion 83.90 (83.60 to 84.60): VY002249.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002249.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002249.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002249.D (-479) (-)

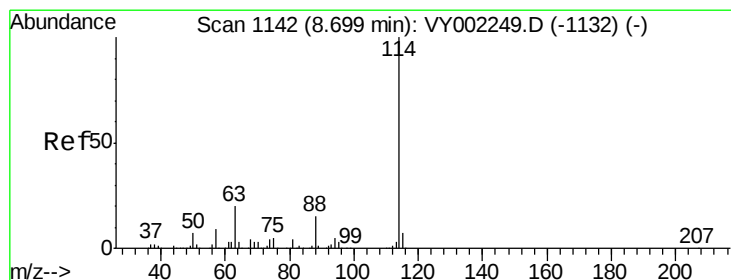
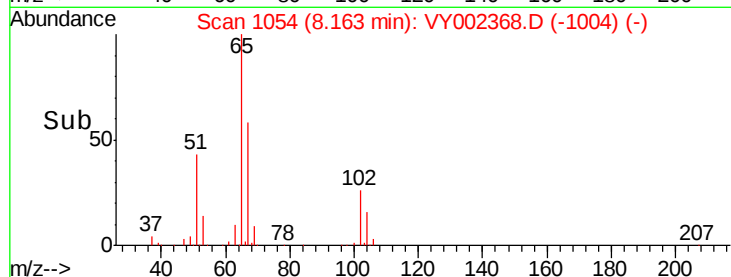
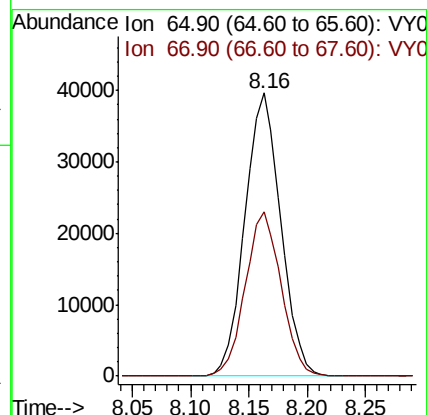
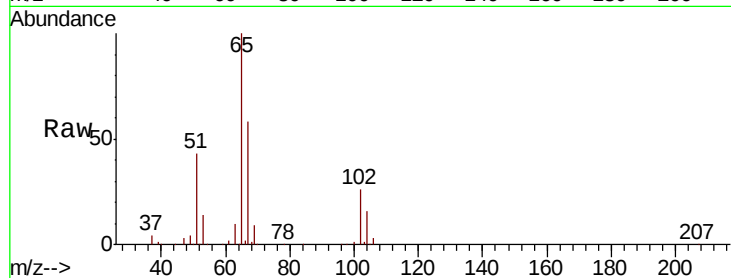




#33
 1,2-Dichloroethane-d4
 Concen: 50.479 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002368.D
 Acq: 16 Apr 2020 15:39

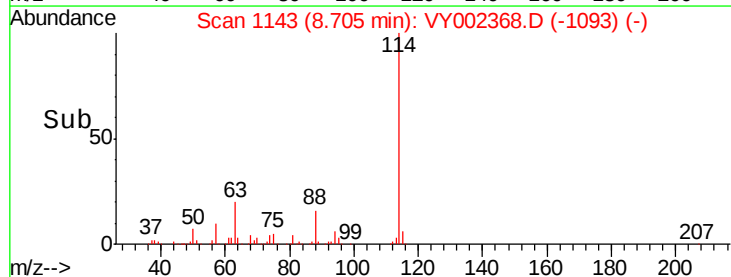
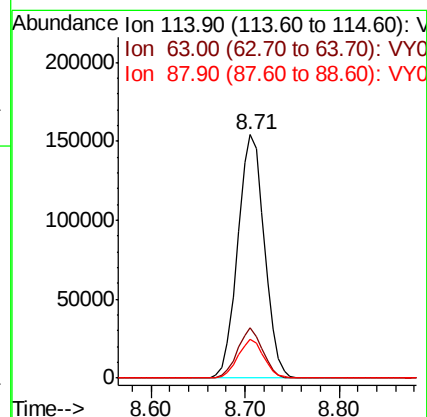
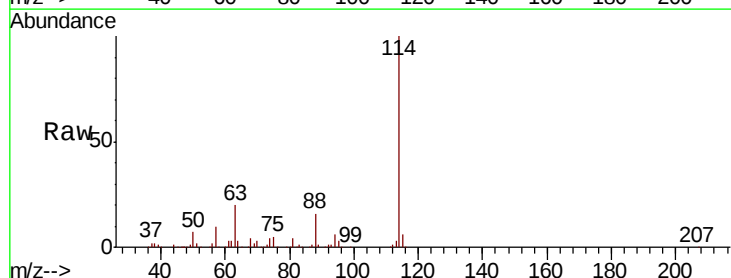
Instrument :
 MSVOA_Y
 ClientSampleId :

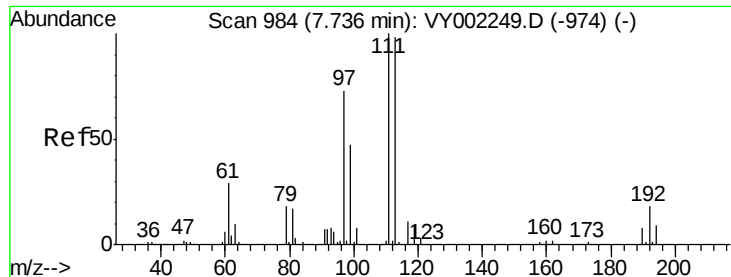
Tot Ion: 65 Resp: 85020
 Ion Ratio Lower Upper
 65 100
 67 58.0 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002368.D
 Acq: 16 Apr 2020 15:39

Tgt Ion: 114 Resp: 302267
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 16.1 0.0 31.0

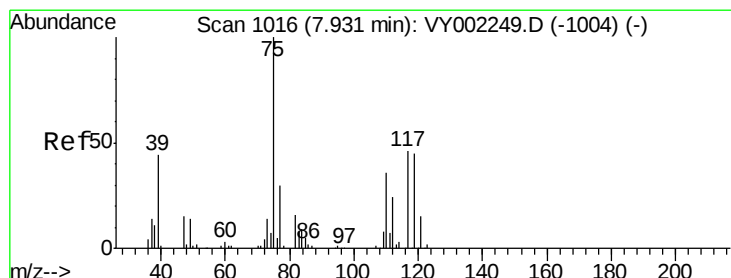
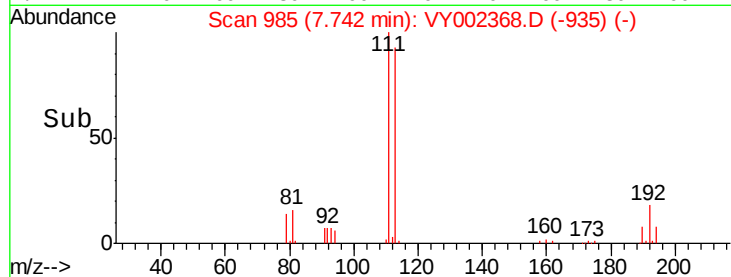
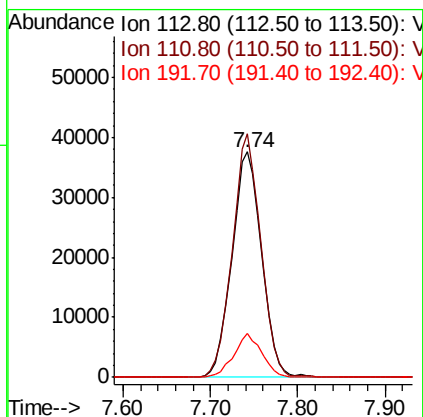
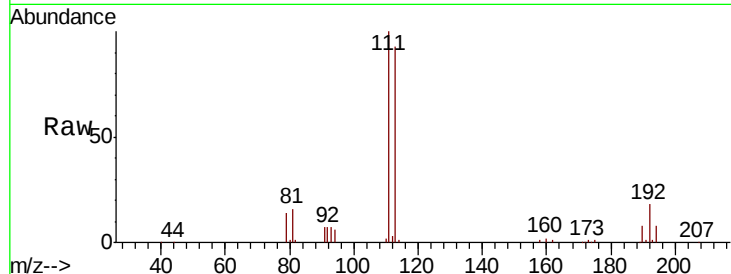




#35
Dibromofluoromethane
Concen: 49.201 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002368.D
Acq: 16 Apr 2020 15:39

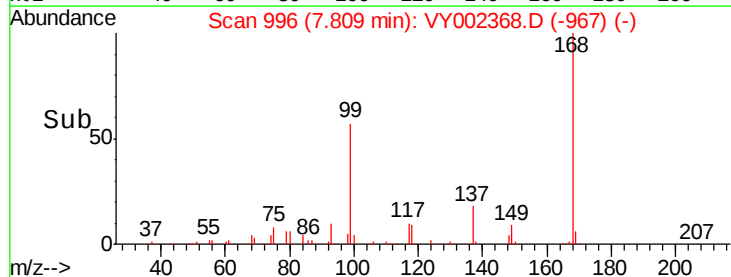
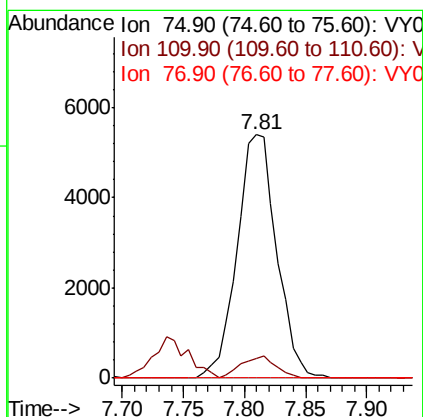
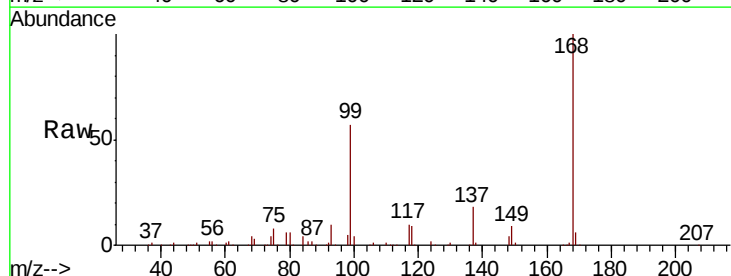
Instrument :
MSVOA_Y
ClientSampled :

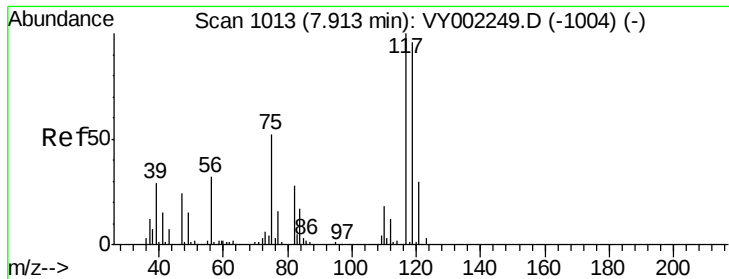
Tot Ion:113 Resp: 88493
Ion Ratio Lower Upper
113 100
111 103.8 83.5 125.3
192 18.2 14.7 22.1



#36
1,1-Dichloropropene
Concen: 4.075 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY002368.D
Acq: 16 Apr 2020 15:39

Tgt Ion: 75 Resp: 12132
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 24.4 36.6#

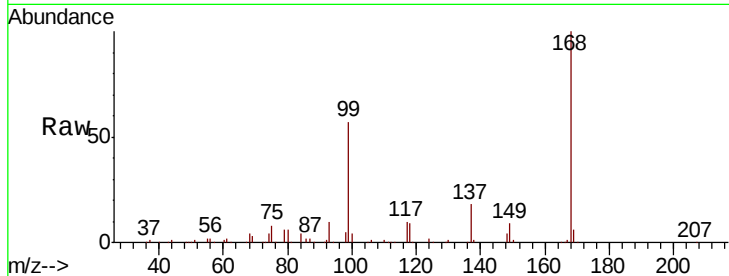




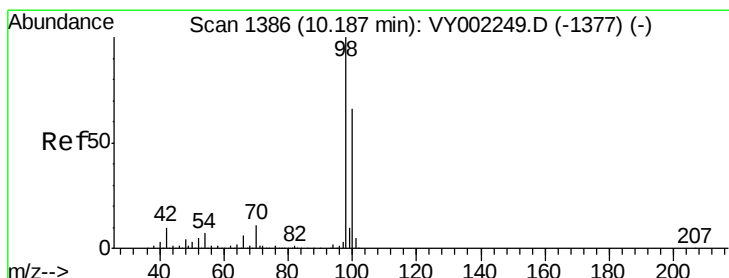
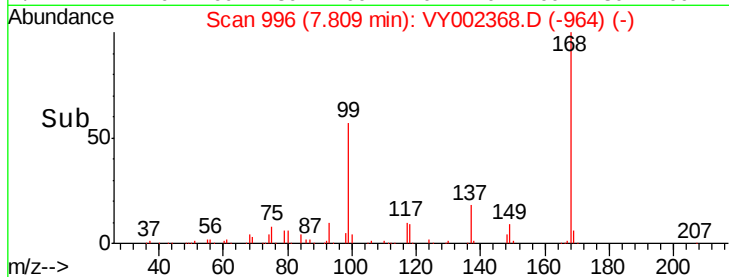
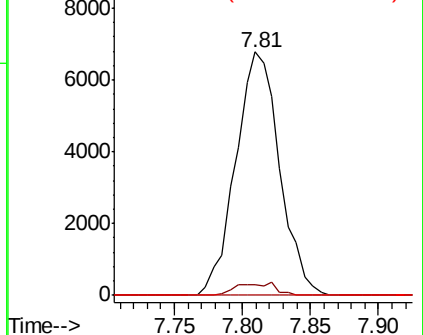
#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY002368.D
Acq: 16 Apr 2020 15:39

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 15283
Ion Ratio Lower Upper
117 100
119 4.4 77.1 115.7#
121 0.0 23.9 35.9#

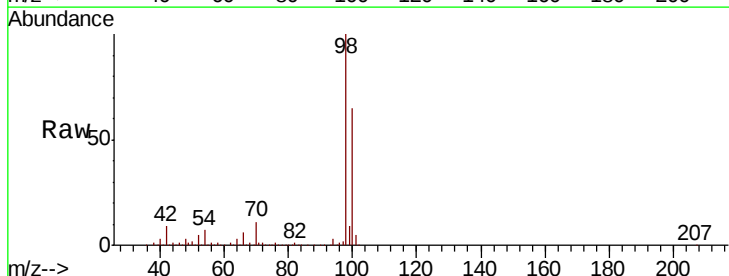


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

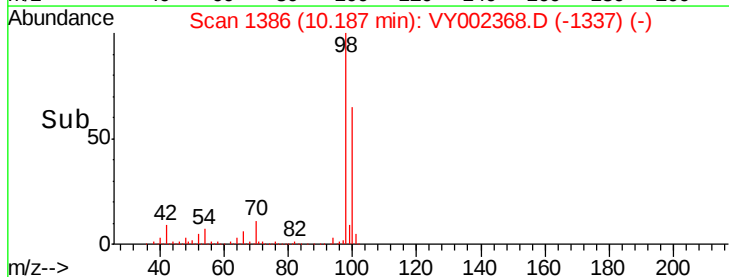
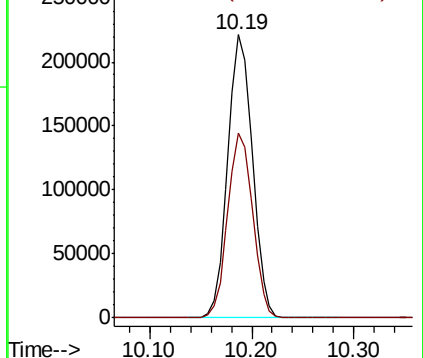


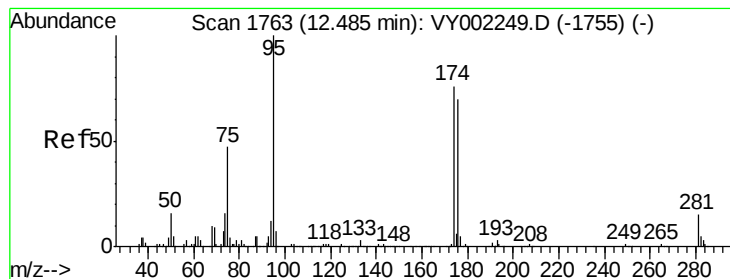
#50
Toluene-d8
Concen: 49.309 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002368.D
Acq: 16 Apr 2020 15:39

Tgt Ion: 98 Resp: 371208
Ion Ratio Lower Upper
98 100
100 65.9 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: 52.278 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002368.D

Acq: 16 Apr 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

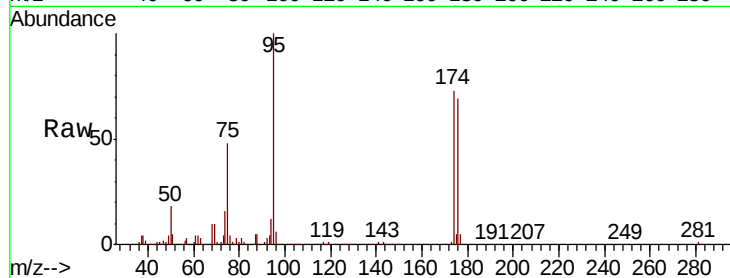
Tot Ion: 95 Resp: 129840

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.6

176 70.5 0.0 141.4

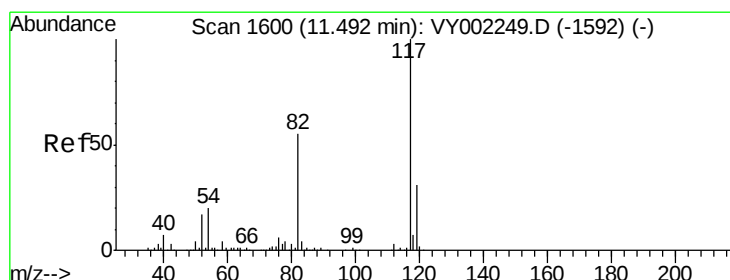
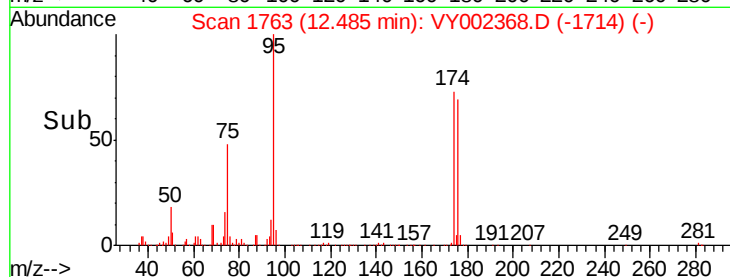
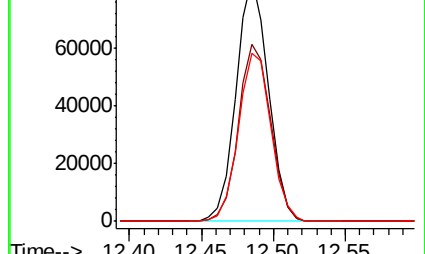


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.49



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002368.D

Acq: 16 Apr 2020 15:39

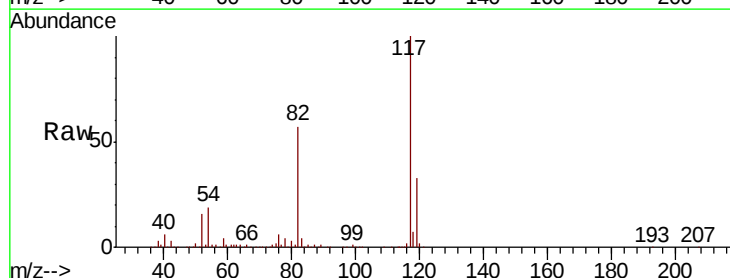
Tgt Ion: 117 Resp: 286880

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.4

119 33.3 25.1 37.7

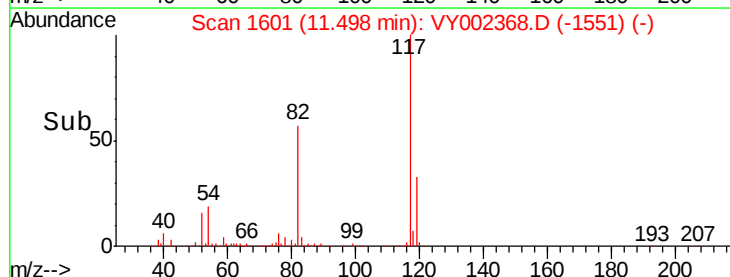
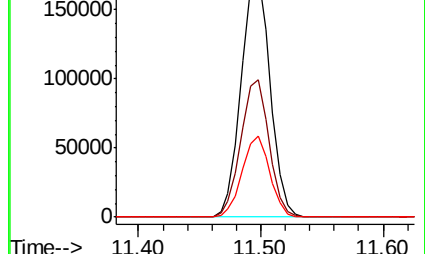


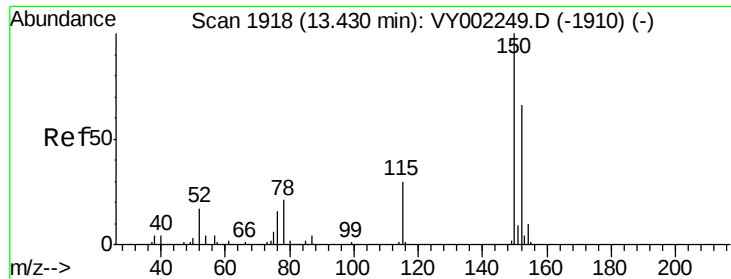
Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

11.50



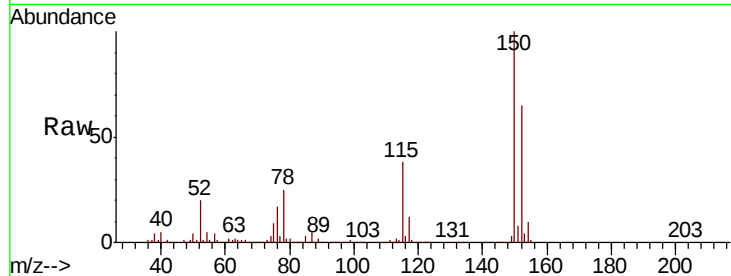


#72

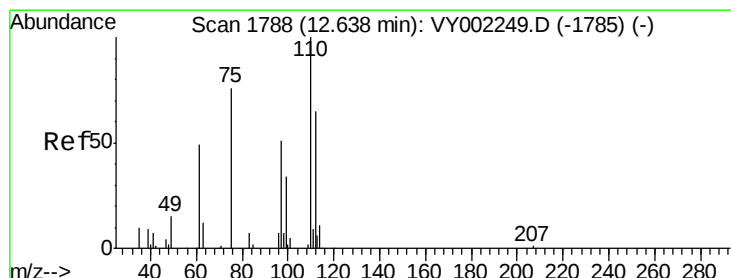
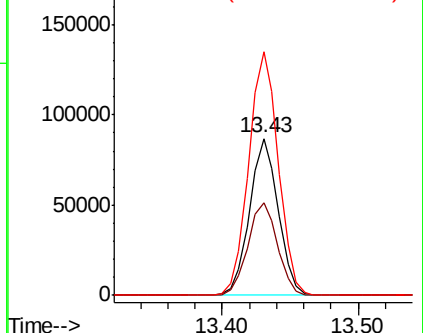
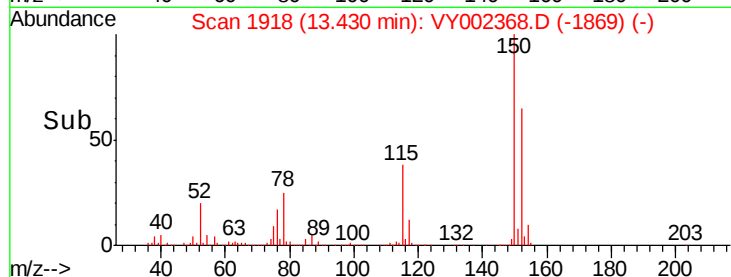
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002368.D
Acq: 16 Apr 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 128611
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 159.6 0.0 350.6



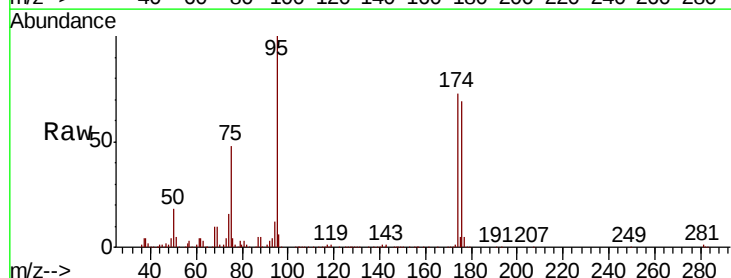
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



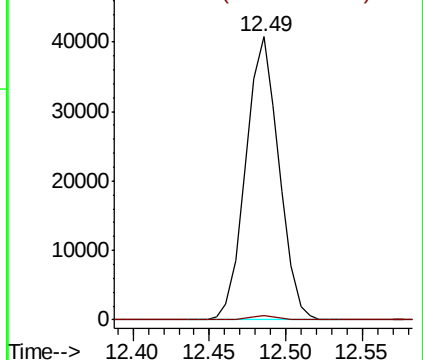
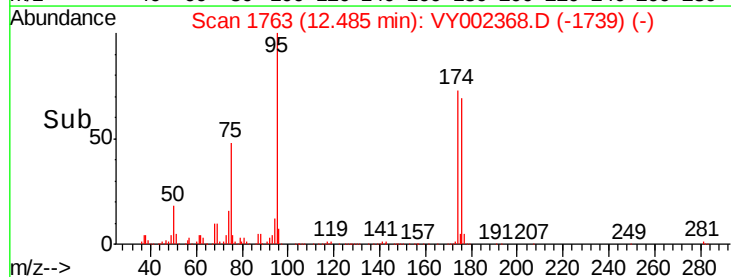
#76

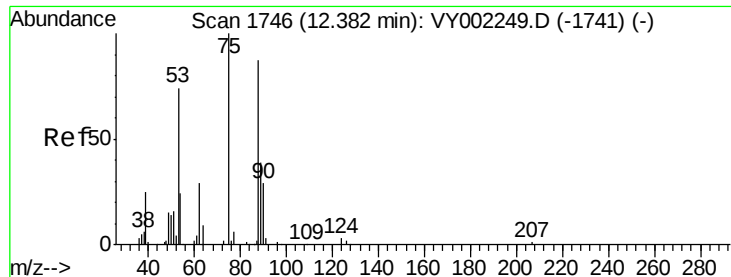
1,2,3-Trichloropropane
Concen: 41.085 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002368.D
Acq: 16 Apr 2020 15:39

Tgt Ion: 75 Resp: 61358
Ion Ratio Lower Upper
75 100
77 1.6 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: 79.909 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002368.D

Acq: 16 Apr 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 61358

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.2 37.0 55.6#

