

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002374.D
 Acq On : 16 Apr 2020 17:53
 Operator : SY/MD
 Sample : L2271-01
 Misc : 4.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:06:56 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

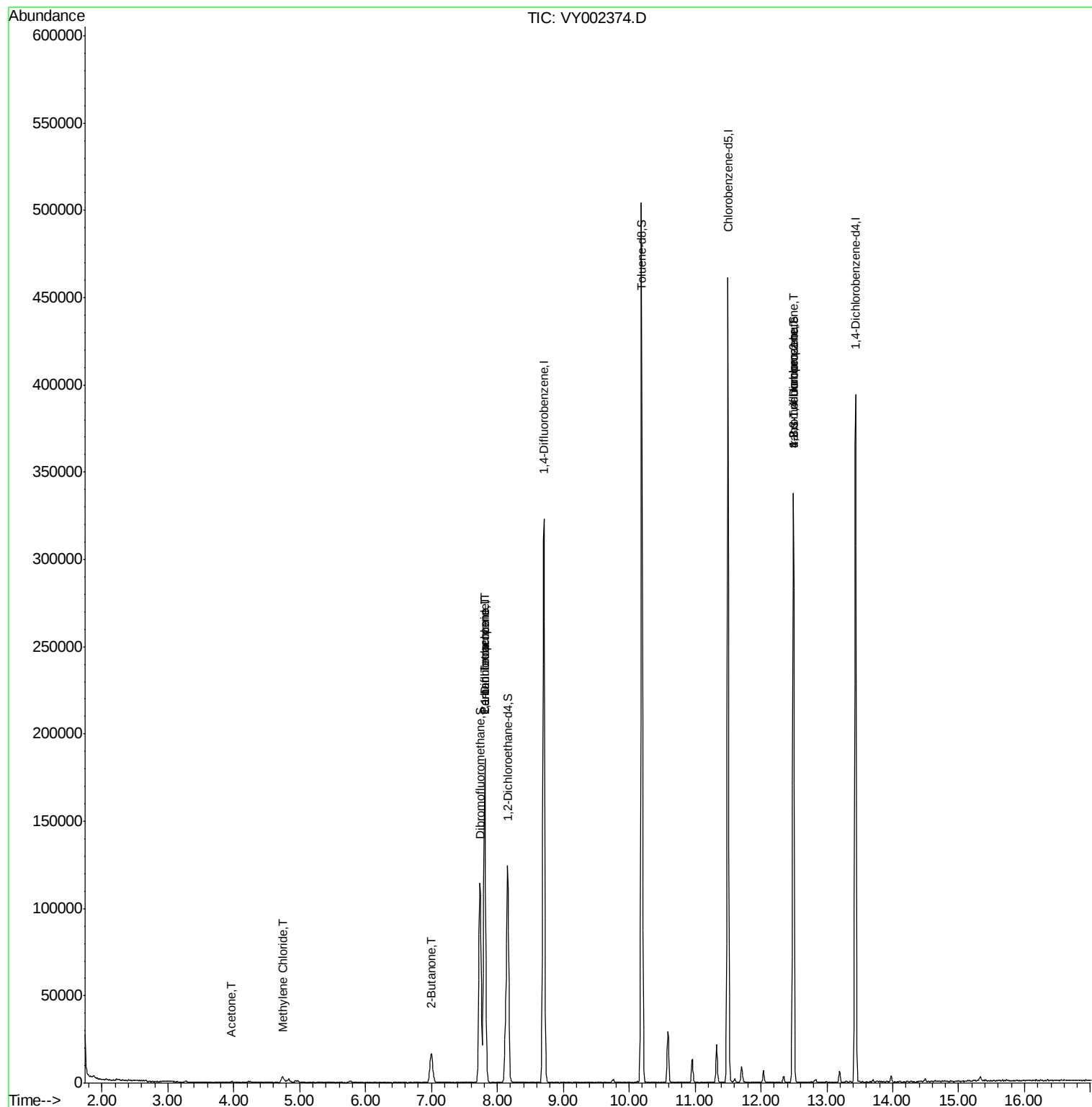
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	143737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79784	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	7.74	113	85501	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.19	98	343686	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.49	95	108954	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	1791	Below Cal	#	77
16) Acetone	3.96	43	1477	3.508	ug/l #	84
20) Methylene Chloride	4.74	84	2506	1.211	ug/l #	94
25) 2-Butanone	6.99	43	831	1.247	ug/l #	46
36) 1,1-Dichloropropene	7.81	75	11672	4.123	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14126	5.833	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	52588	44.749	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52588	87.037	ug/l #	19

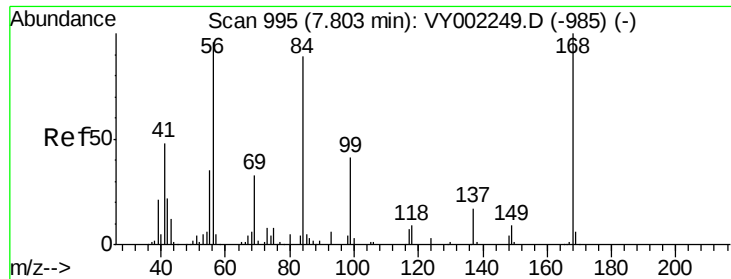
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002374.D

Acq: 16 Apr 2020 17:53

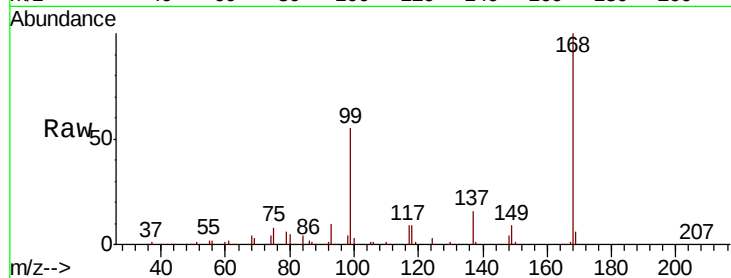
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 143737

Ion Ratio Lower Upper

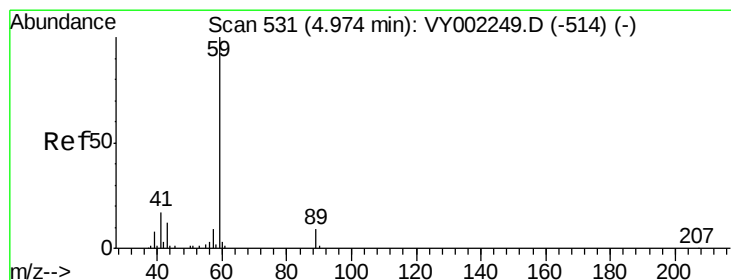
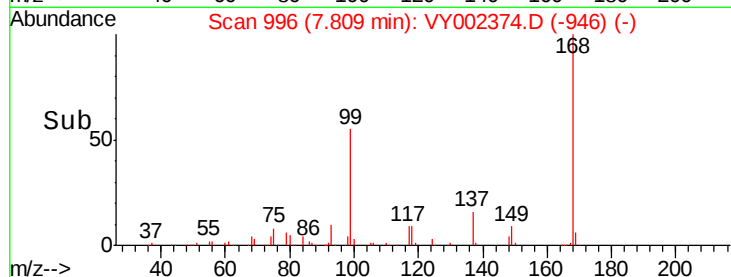
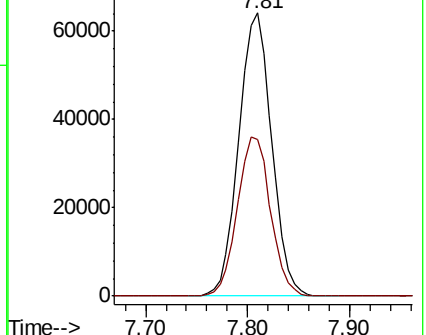
168 100

99 55.4 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: VY002374.D

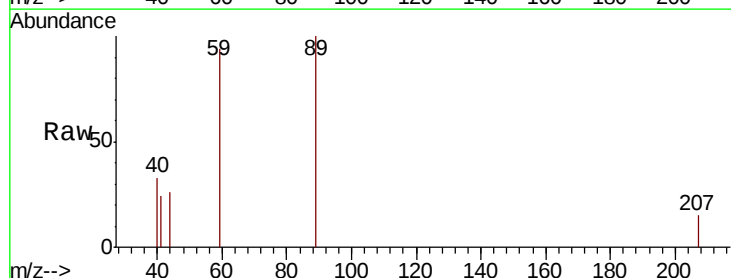
Acq: 16 Apr 2020 17:53

Tgt Ion: 59 Resp: 1791

Ion Ratio Lower Upper

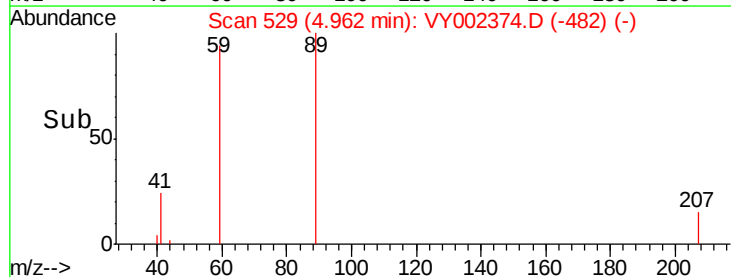
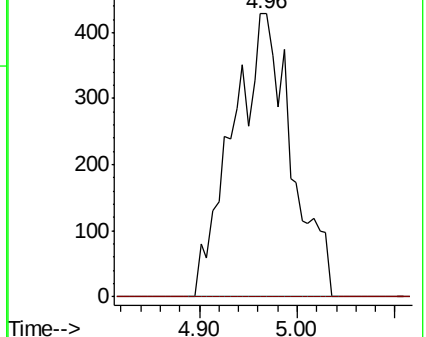
59 100

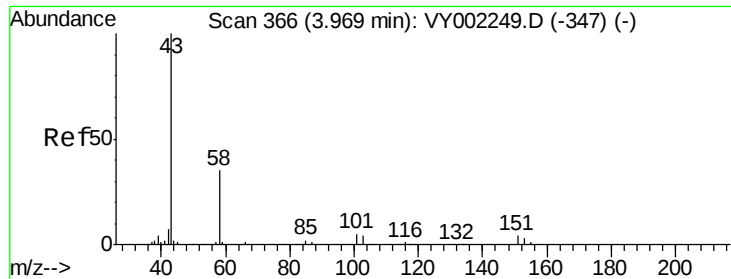
57 0.0 6.6 9.8#



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: 3.508 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

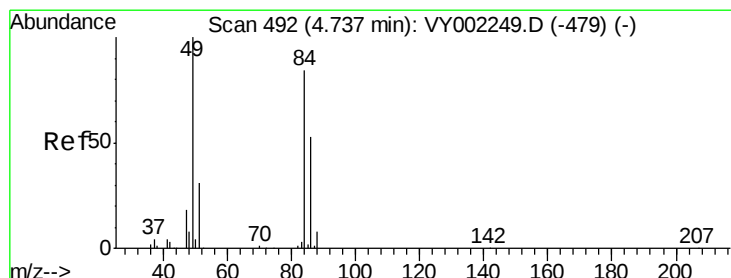
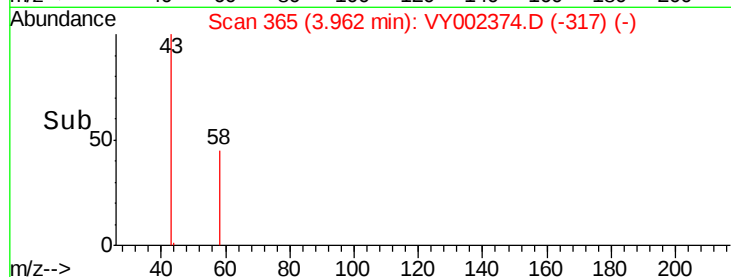
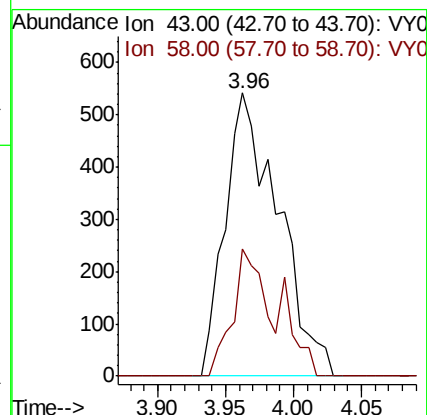
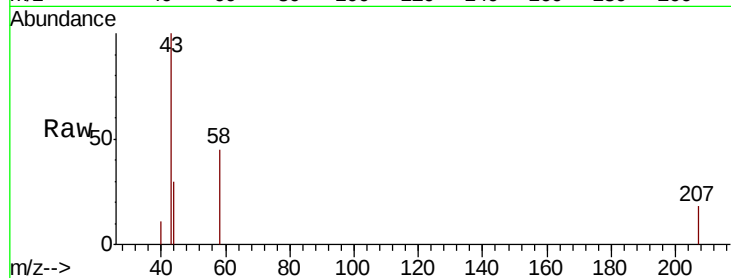
ClientSampleId :

Tot Ion: 43 Resp: 1477

Ion Ratio Lower Upper

43 100

58 45.0 28.5 42.7#



#20

Methylene Chloride

Concen: 1.211 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Tgt Ion: 84 Resp: 2506

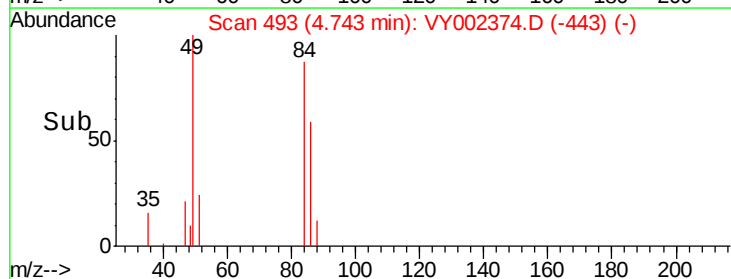
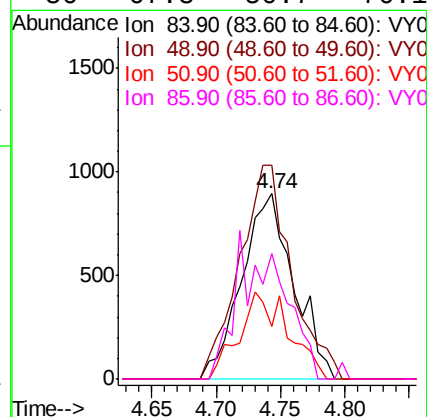
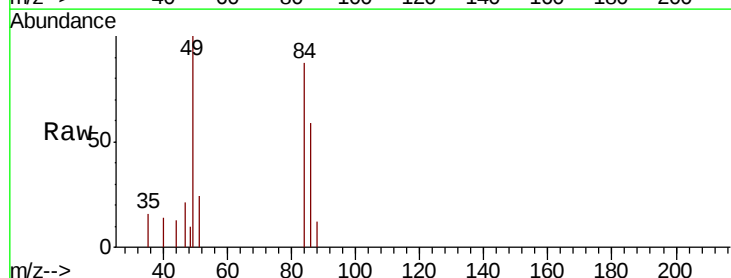
Ion Ratio Lower Upper

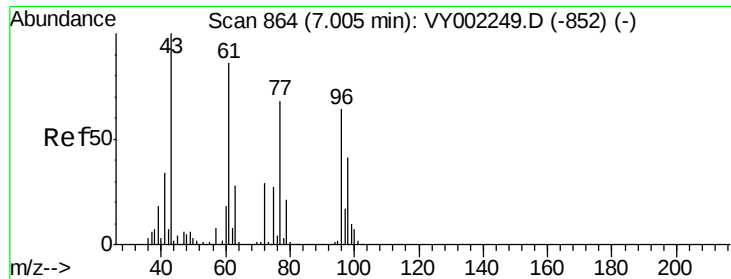
84 100

49 115.4 95.5 143.3

51 28.2 29.5 44.3#

86 67.8 50.7 76.1





#25

2-Butanone

Concen: 1.247 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

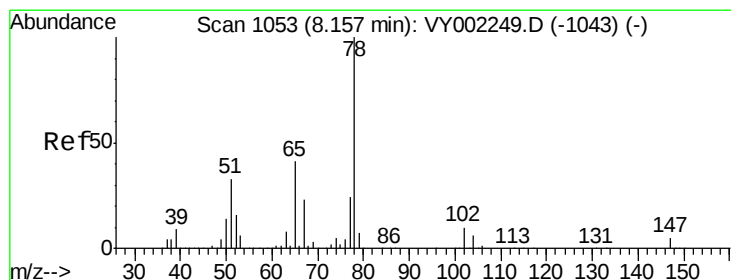
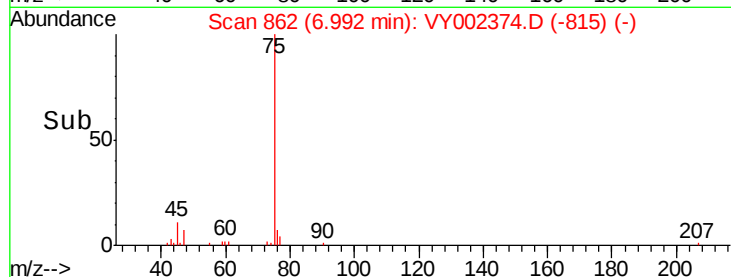
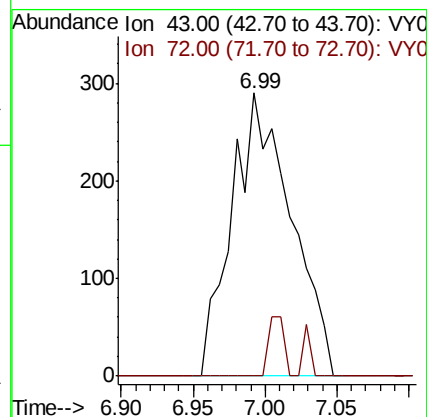
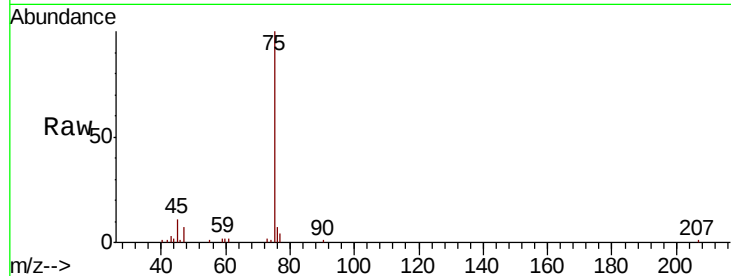
ClientSampleId :

Tot Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#33

1,2-Dichloroethane-d4

Concen: 49.913 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002374.D

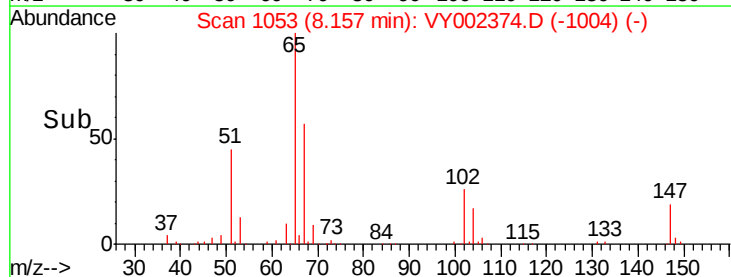
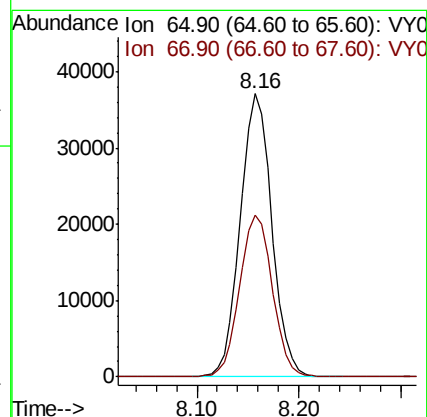
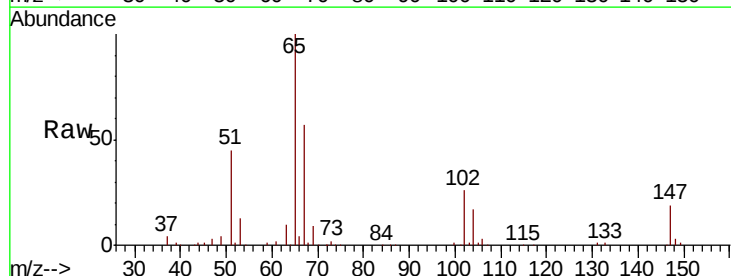
Acq: 16 Apr 2020 17:53

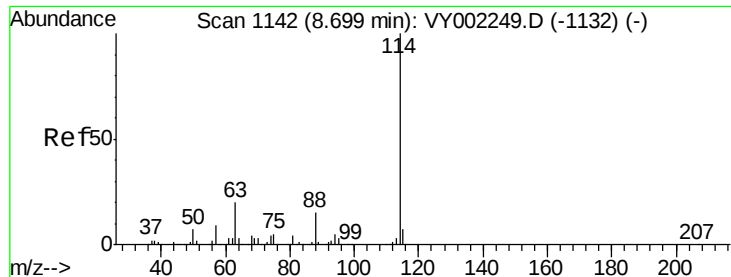
Tgt Ion: 65 Resp: 79784

Ion Ratio Lower Upper

65 100

67 59.1 0.0 114.0

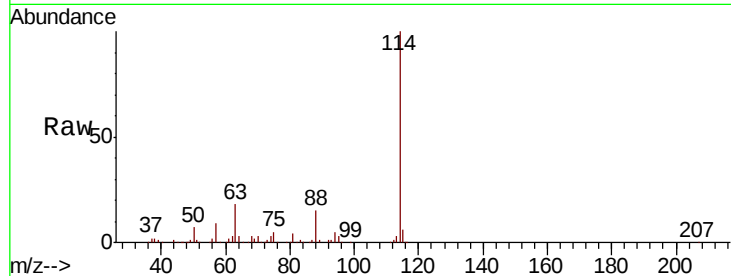




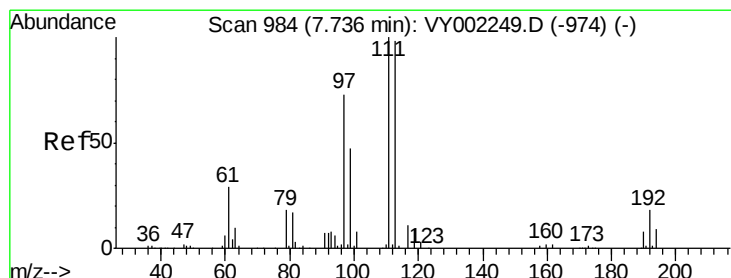
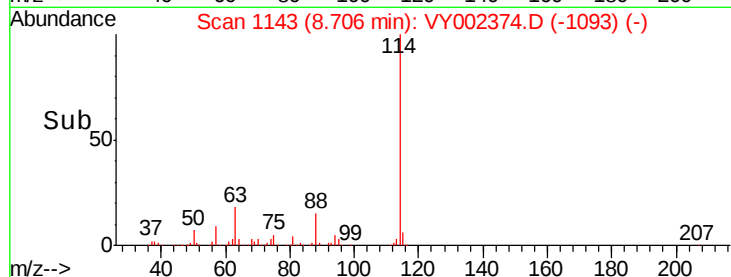
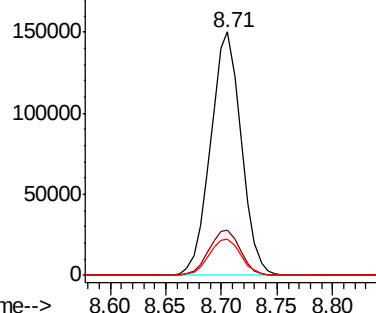
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VY002374.D
Acq: 16 Apr 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.0
88	15.0	0.0	31.0

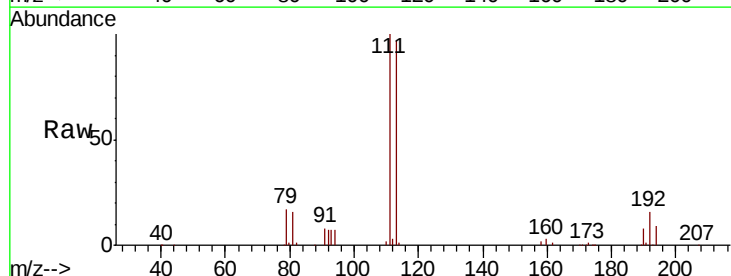


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

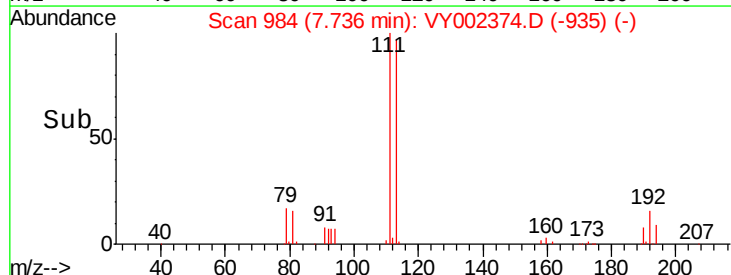
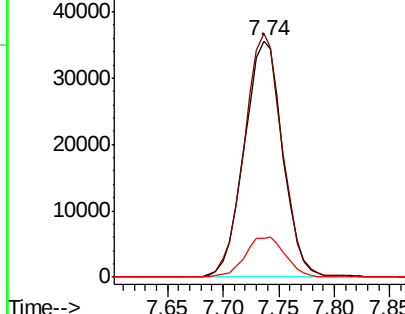


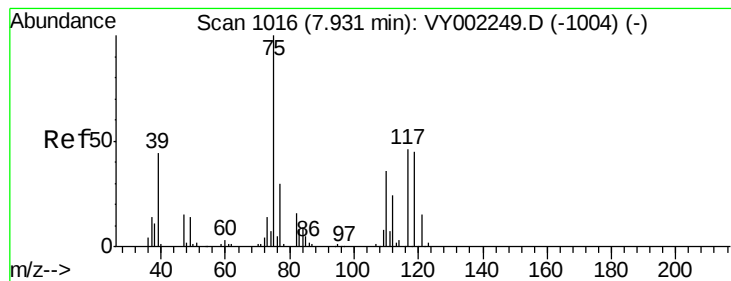
#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.00 min
Lab File: VY002374.D
Acq: 16 Apr 2020 17:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.5	125.3
192	17.7	14.7	22.1



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: 4.123 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

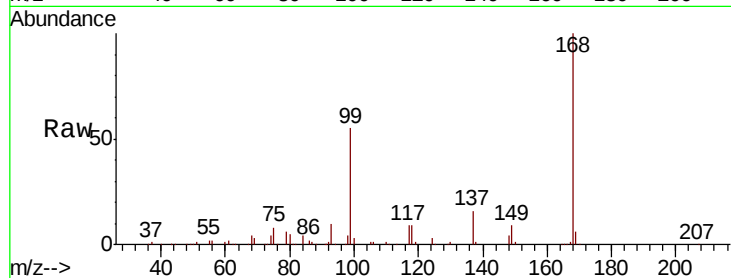
Tot Ion: 75 Resp: 11672

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.3#

77 0.0 24.4 36.6#

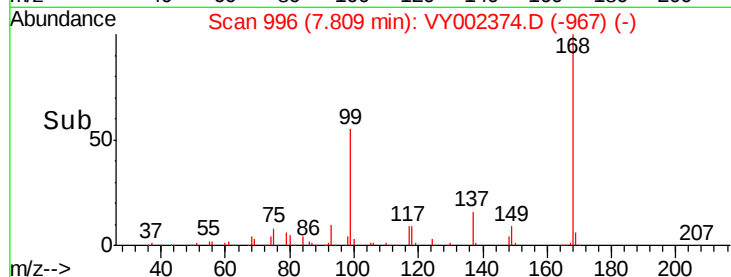


Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1004) (-)

Ion 109.90 (109.60 to 110.60): VY002249.D (-1004) (-)

Ion 76.90 (76.60 to 77.60): VY002249.D (-1004) (-)

Time-->

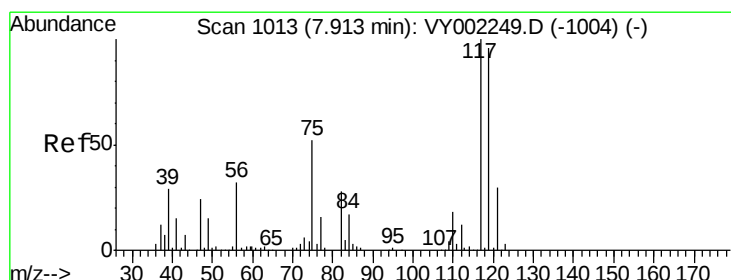


Abundance Ion 74.90 (74.60 to 75.60): VY002374.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY002374.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY002374.D (-967) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.833 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

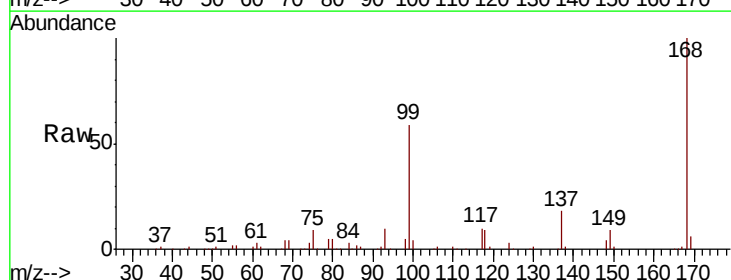
Tgt Ion: 117 Resp: 14126

Ion Ratio Lower Upper

117 100

119 7.2 77.1 115.7#

121 0.0 23.9 35.9#

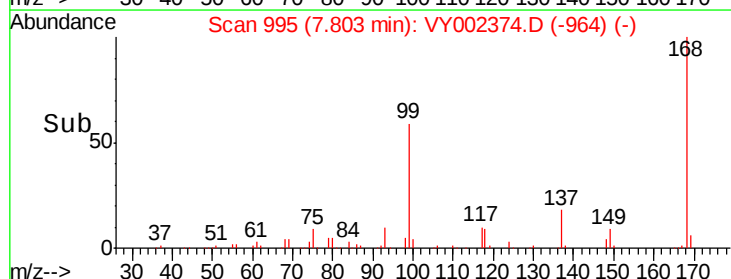


Abundance Ion 116.80 (116.50 to 117.50): VY002249.D (-1004) (-)

Ion 118.80 (118.50 to 119.50): VY002249.D (-1004) (-)

Ion 120.80 (120.50 to 121.50): VY002249.D (-1004) (-)

Time-->

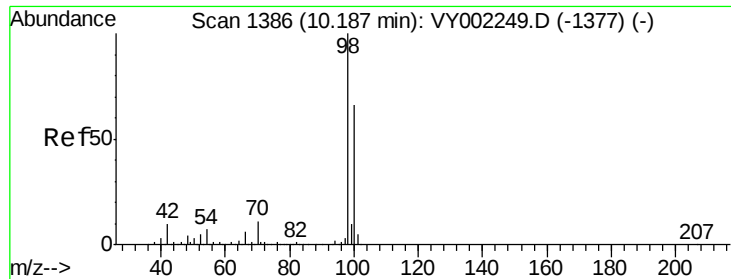


Abundance Ion 116.80 (116.50 to 117.50): VY002374.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY002374.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY002374.D (-964) (-)

Time-->



#50

Toluene-d8

Concen: 48.008 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

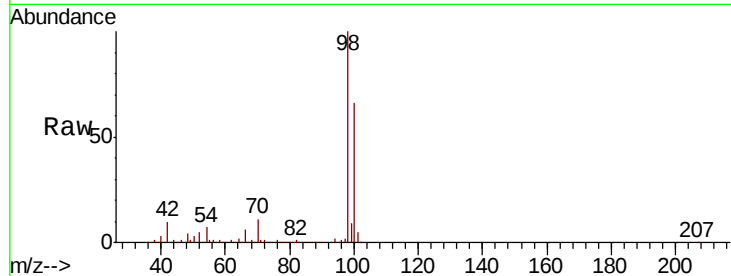
ClientSampleId :

Tot Ion: 98 Resp: 343686

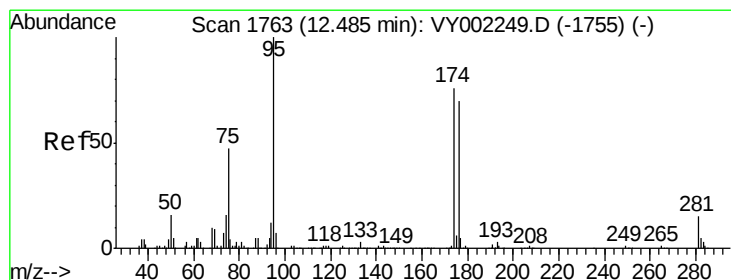
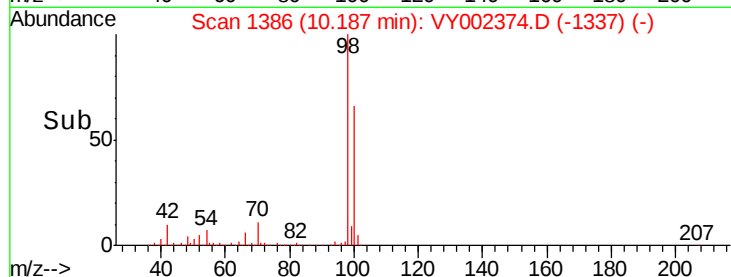
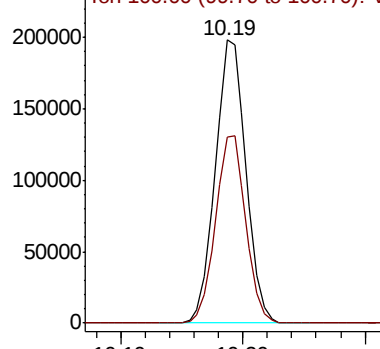
Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

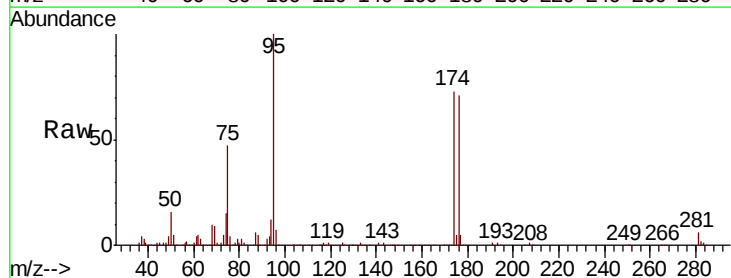
Tgt Ion: 95 Resp: 108954

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.6

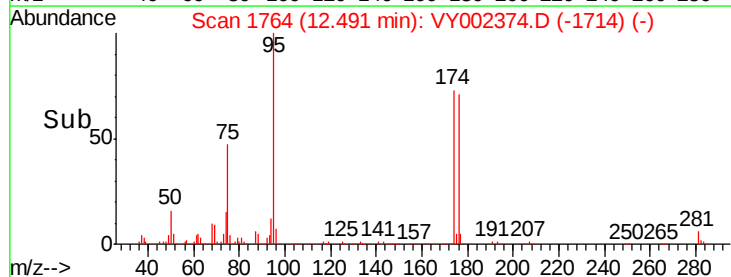
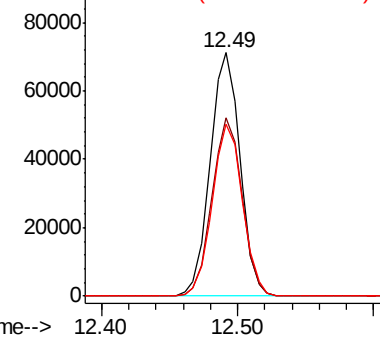
176 71.7 0.0 141.4

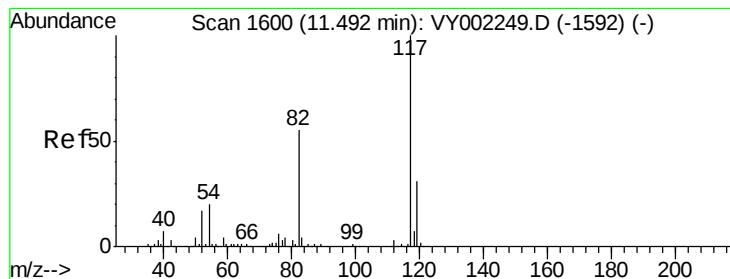


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

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

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





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

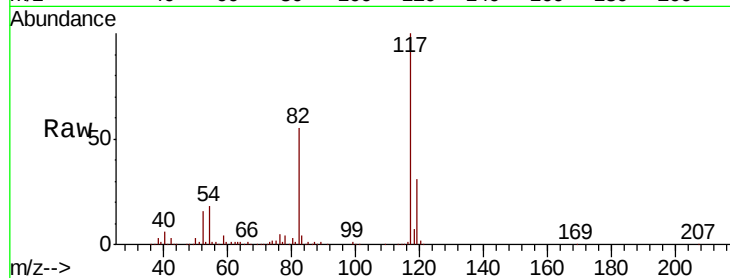
Tot Ion:117 Resp: 256936

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.4

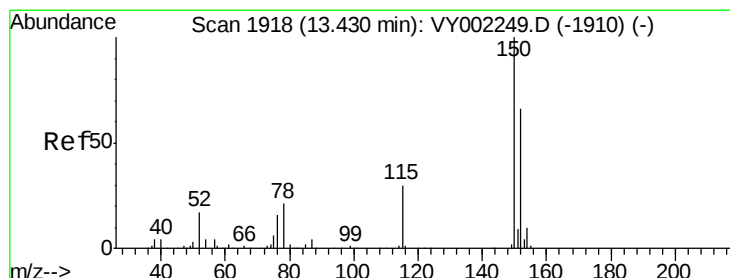
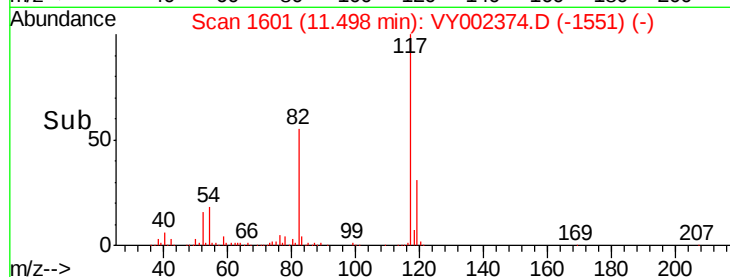
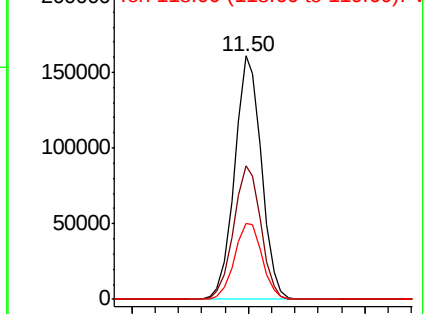
119 31.1 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

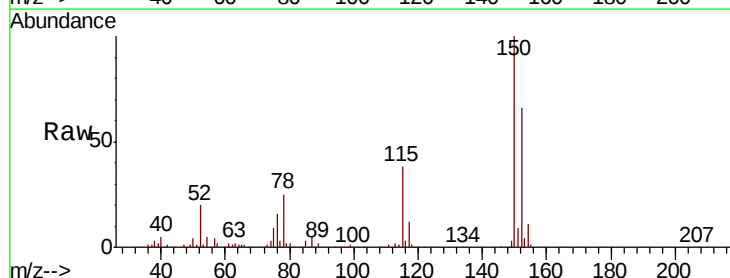
Tgt Ion:152 Resp: 101201

Ion Ratio Lower Upper

152 100

115 60.1 30.7 92.1

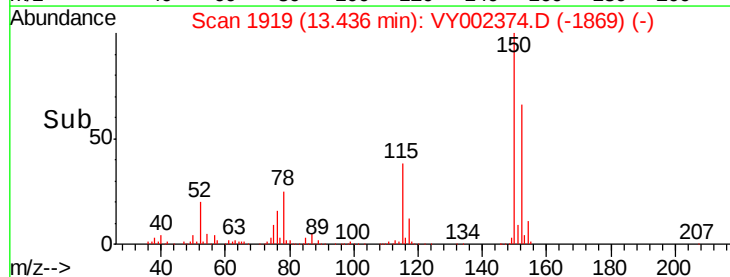
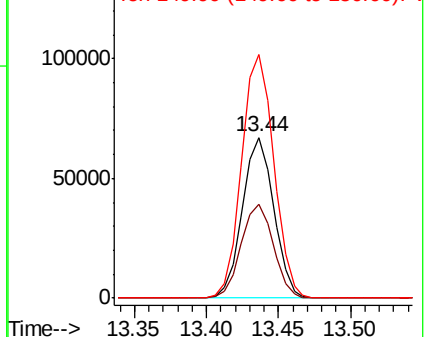
150 155.8 0.0 350.6

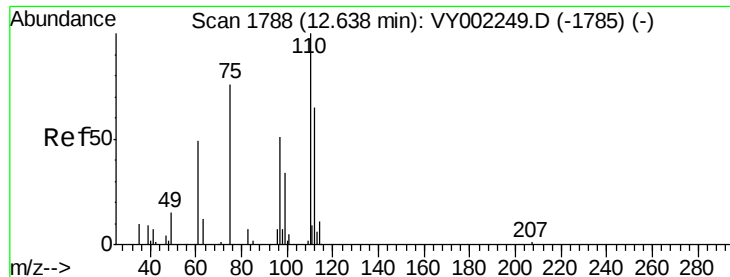


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 44.749 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

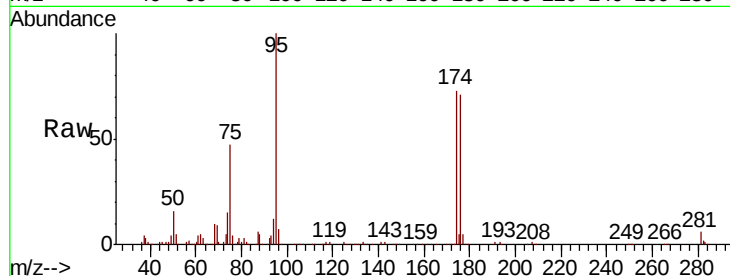
ClientSampleId :

Tot Ion: 75 Resp: 52588

Ion Ratio Lower Upper

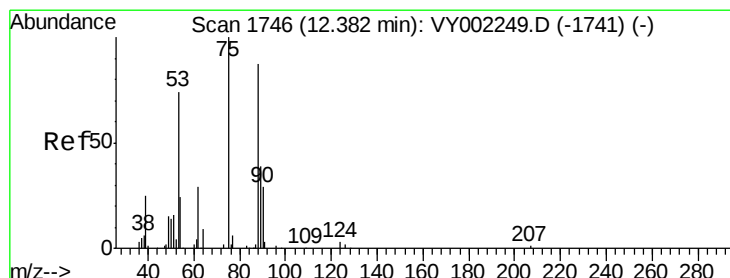
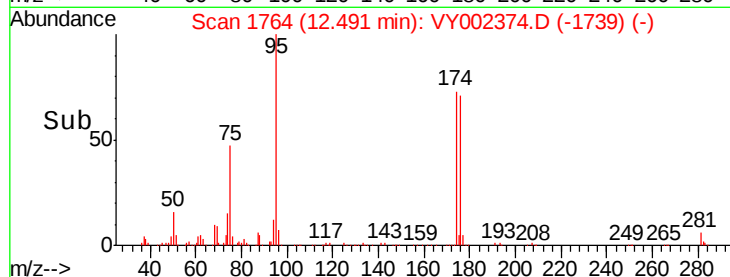
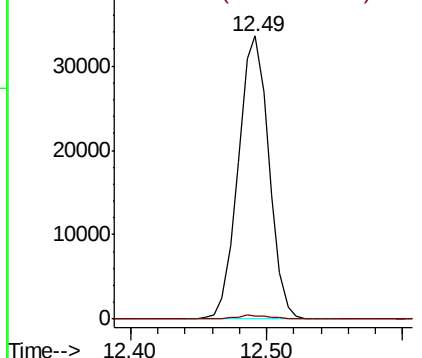
75 100

77 1.5 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: 87.037 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

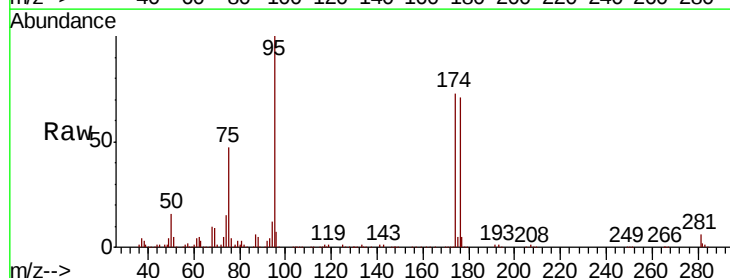
Tgt Ion: 75 Resp: 52588

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.1 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

