

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002280.D
 Acq On : 13 Apr 2020 15:17
 Operator : SY/MD
 Sample : L2215-04
 Misc : 6.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 06:16:11 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

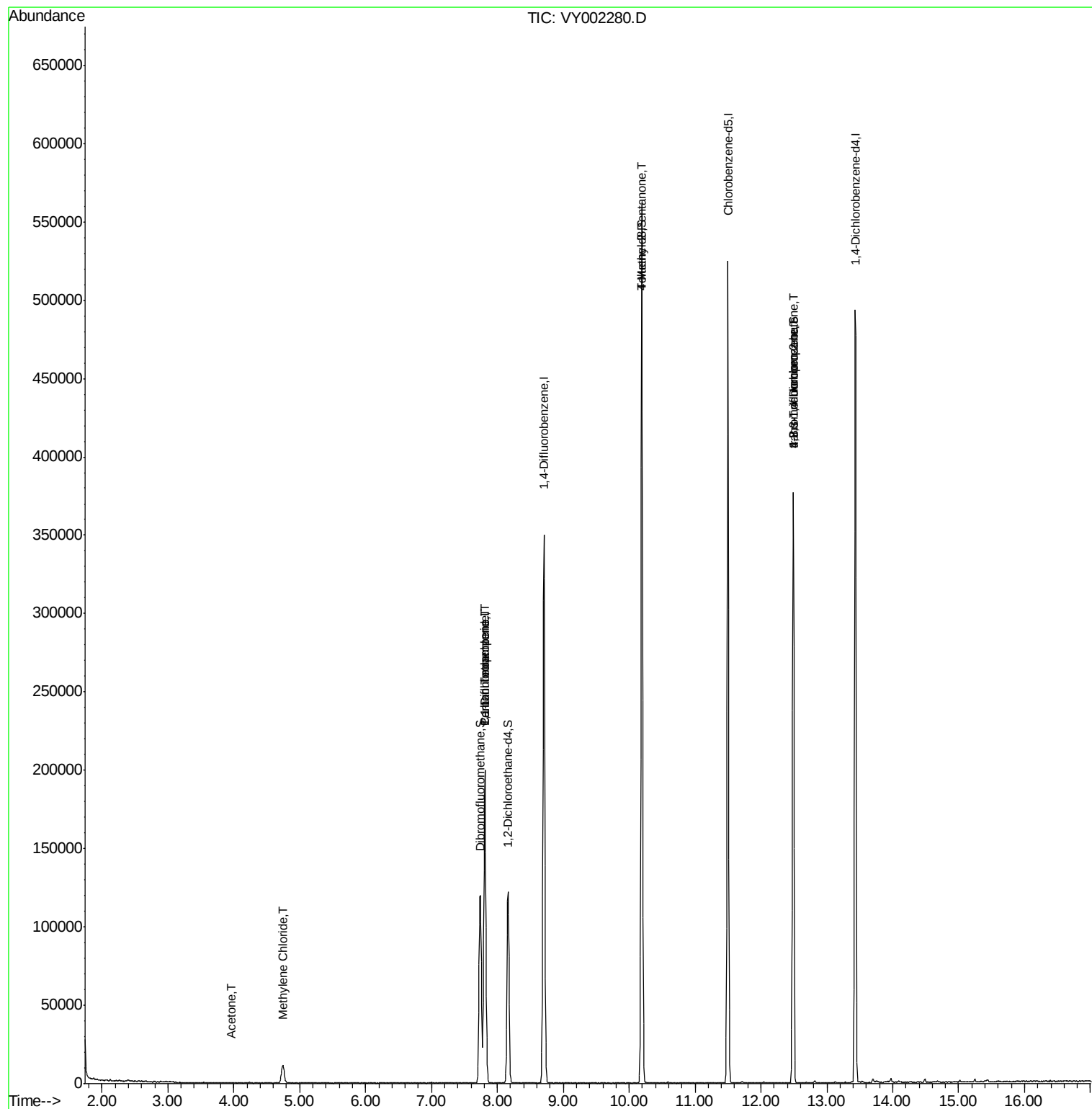
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	89607	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.74	113	89147	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	10.19	98	371569	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.49	95	128050	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	779	1.766	ug/l #	81
20) Methylene Chloride	4.75	84	9027	4.164	ug/l #	93
36) 1,1-Dichloropropene	7.81	75	12627	4.213	ug/l #	48
38) Carbon Tetrachloride	7.81	117	15174	5.919	ug/l #	15
51) 4-Methyl-2-Pentanone	10.19	43	1630	1.002	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	62874	43.887	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	62874	85.360	ug/l #	19

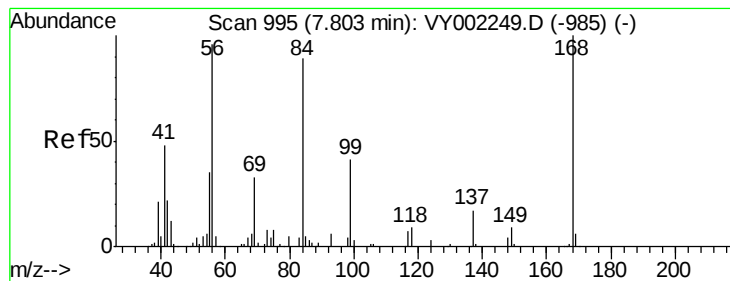
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002280.D

Acq: 13 Apr 2020 15:17

Instrument :

MSVOA_Y

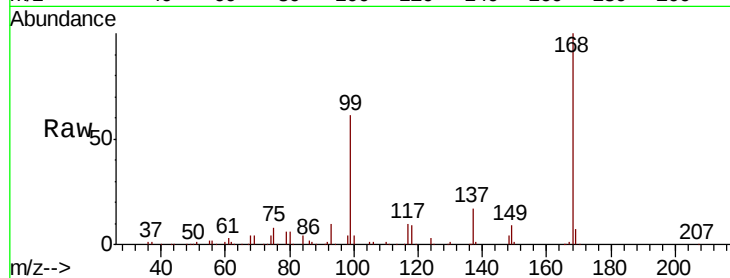
ClientSampled :

Tot Ion:168 Resp: 150574

Ion Ratio Lower Upper

168 100

99 60.9 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) (-)

7.81

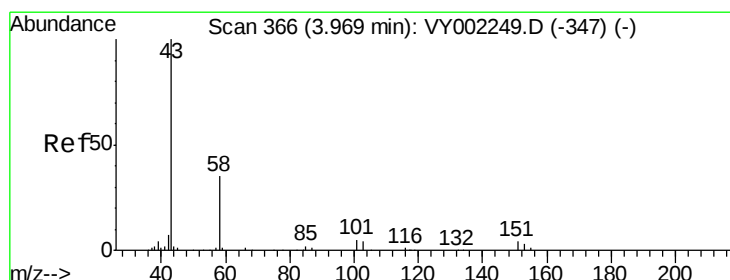
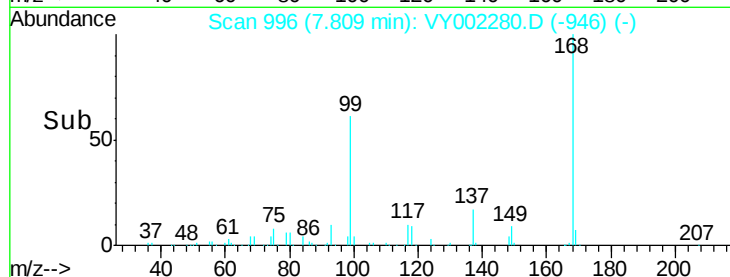
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.766 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002280.D

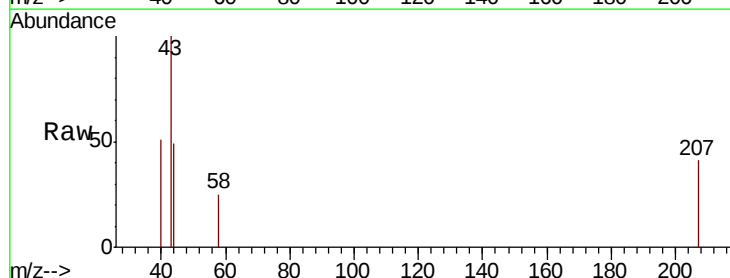
Acq: 13 Apr 2020 15:17

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

58 24.7 28.5 42.7#



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

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.96

300

250

200

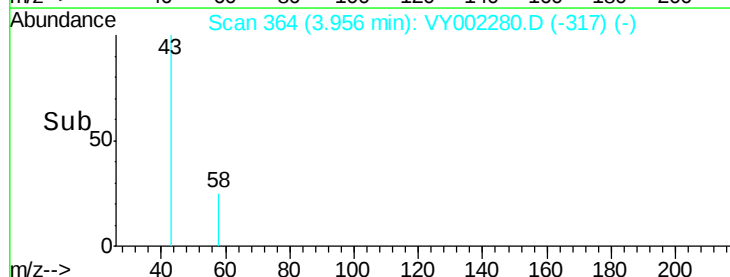
150

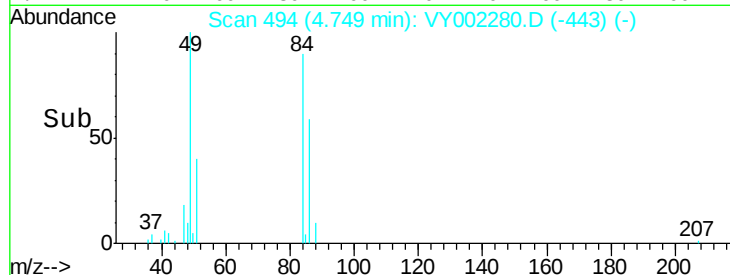
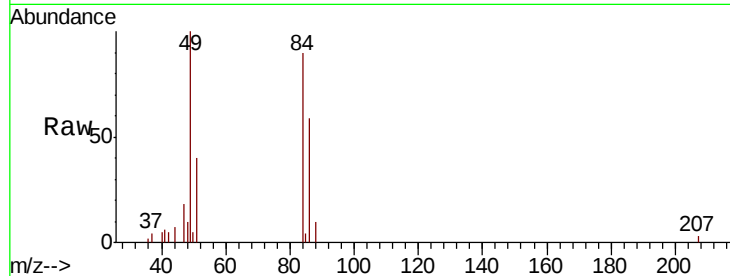
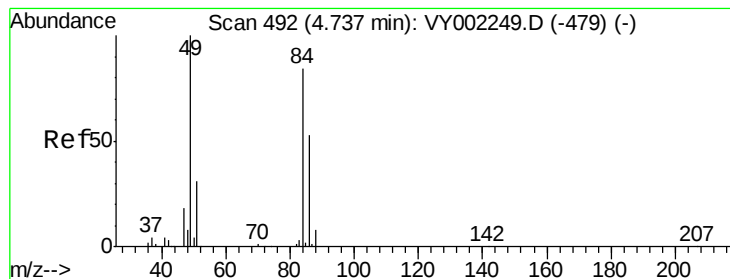
100

50

0

Time-->





#20

Methylene Chloride

Concen: 4.164 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002280.D

Acq: 13 Apr 2020 15:17

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 84 Resp: 9027

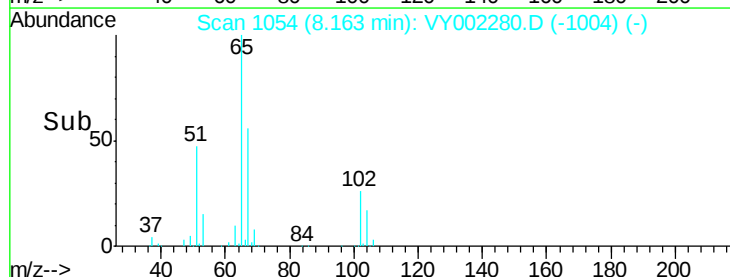
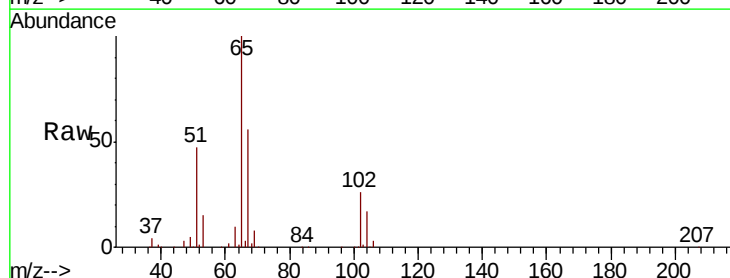
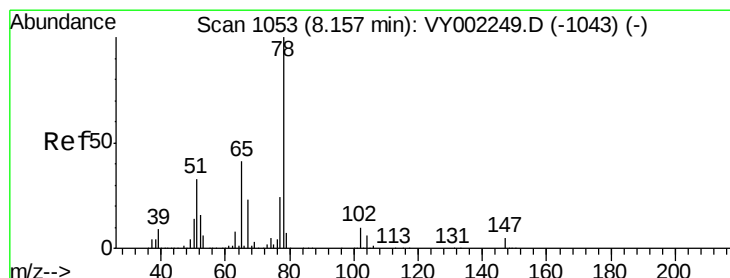
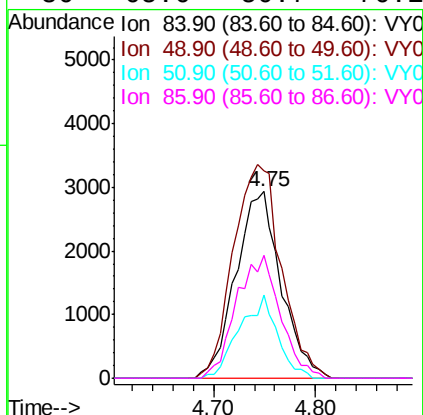
Ion Ratio Lower Upper

84 100

49 111.1 95.5 143.3

51 44.5 29.5 44.3#

86 65.6 50.7 76.1



#33

1,2-Dichloroethane-d4

Concen: 53.513 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002280.D

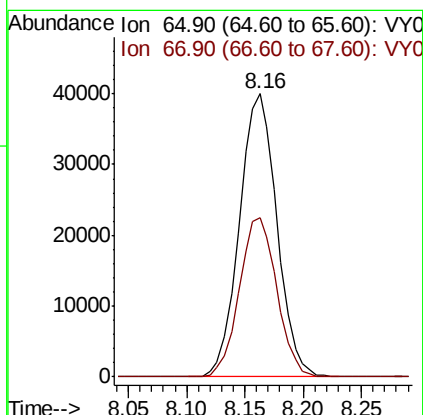
Acq: 13 Apr 2020 15:17

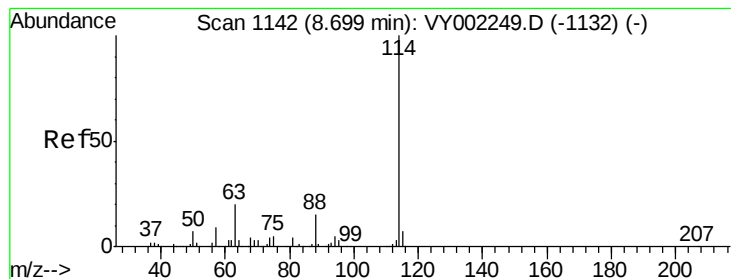
Tgt Ion: 65 Resp: 89607

Ion Ratio Lower Upper

65 100

67 56.0 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: VY002280.D

Acq: 13 Apr 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

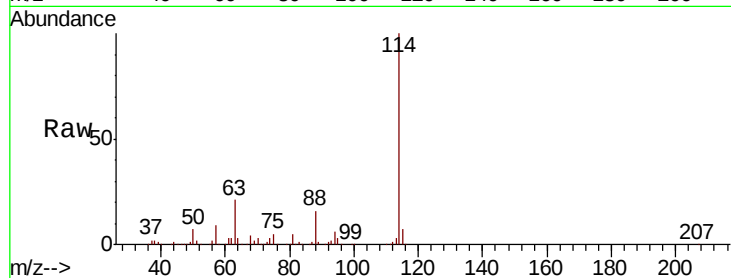
Tot Ion:114 Resp: 304264

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

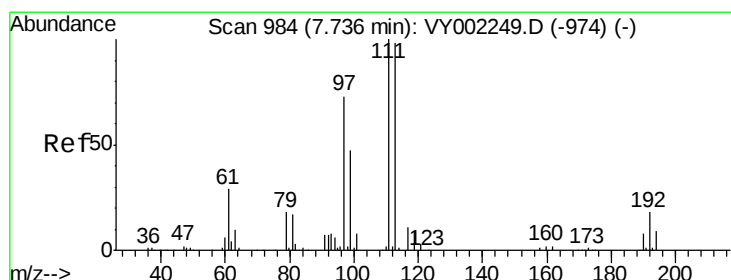
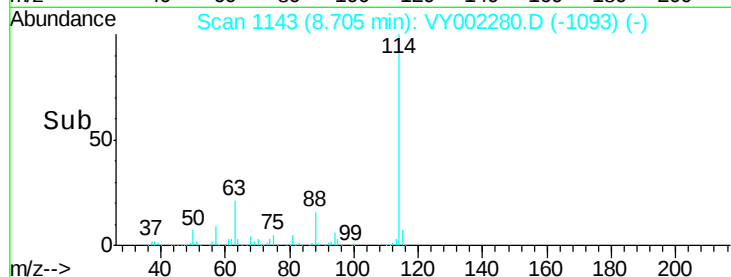
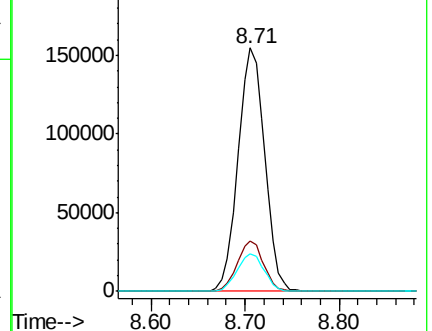
88 15.6 0.0 31.0



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: 49.240 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002280.D

Acq: 13 Apr 2020 15:17

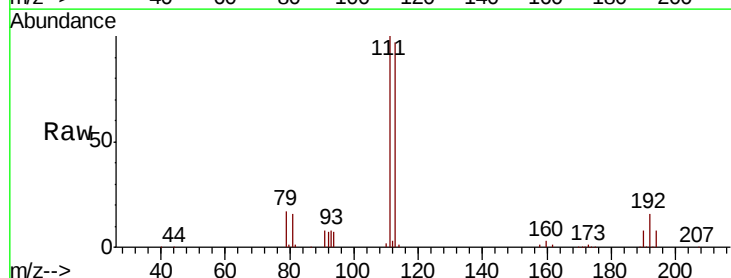
Tgt Ion:113 Resp: 89147

Ion Ratio Lower Upper

113 100

111 104.7 83.5 125.3

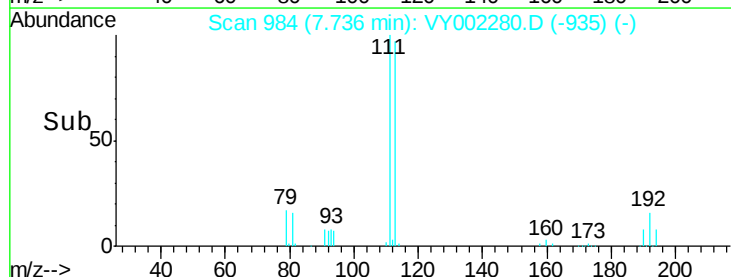
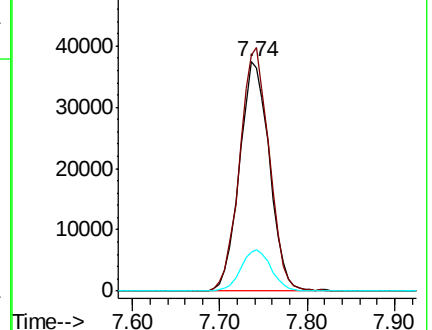
192 18.0 14.7 22.1

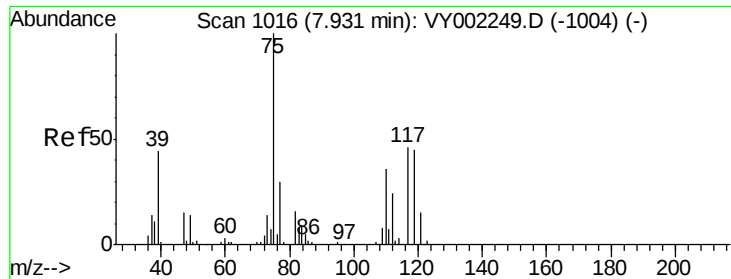


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

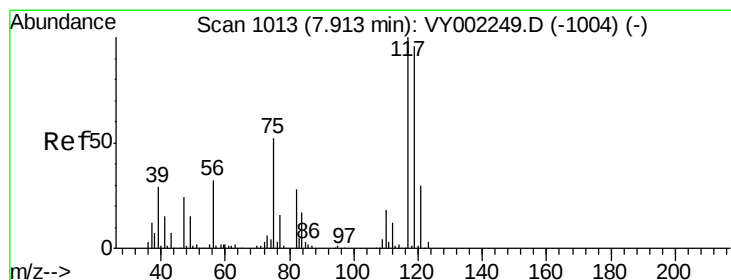
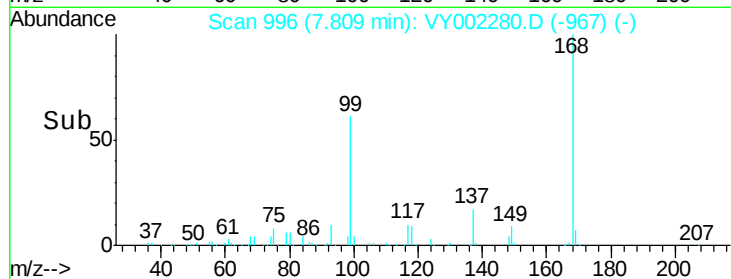
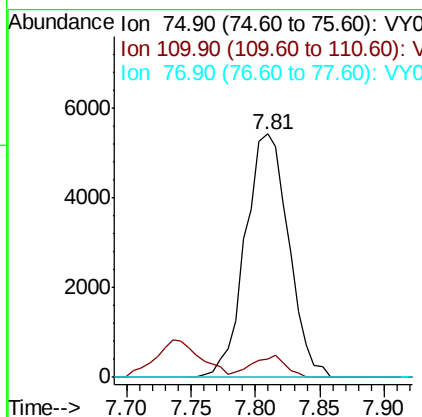
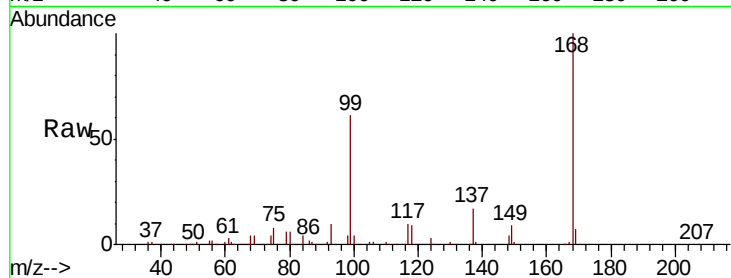




#36
 1,1-Dichloropropene
 Concen: 4.213 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002280.D
 Acq: 13 Apr 2020 15:17

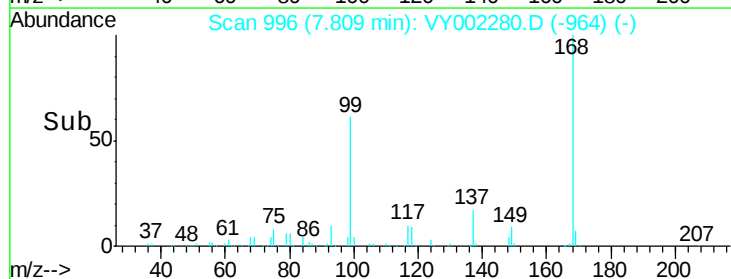
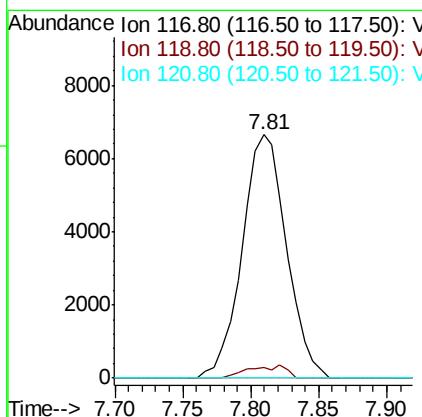
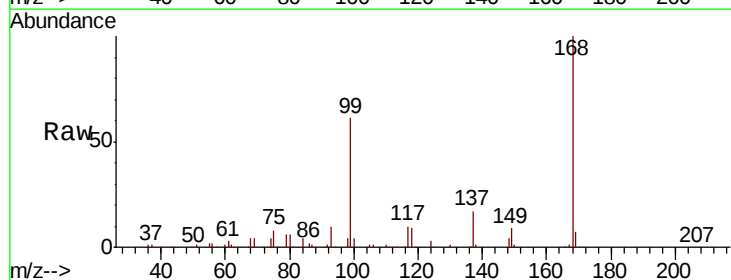
Instrument :
 MSVOA_Y
 ClientSampleId :

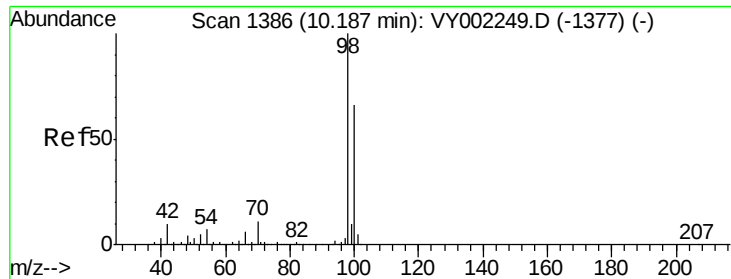
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.919 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002280.D
 Acq: 13 Apr 2020 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.033 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002280.D

Acq: 13 Apr 2020 15:17

Instrument :

MSVOA_Y

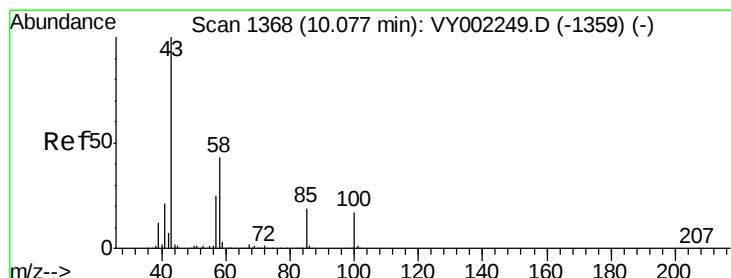
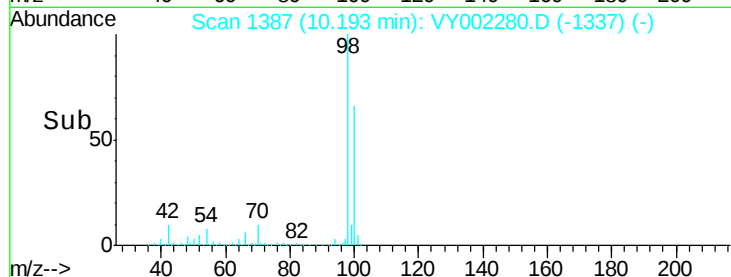
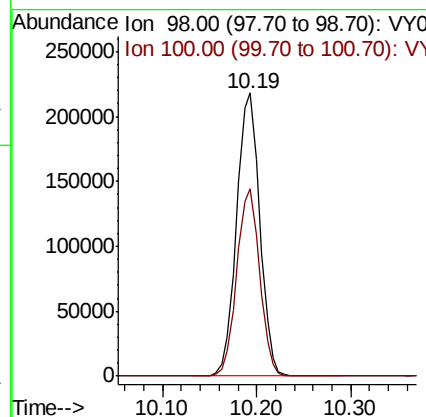
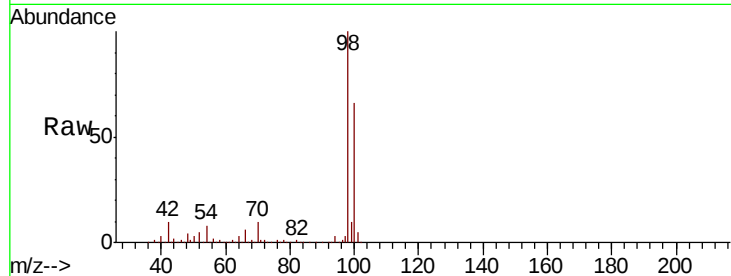
ClientSampleId :

Tot Ion: 98 Resp: 371569

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 1.002 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.11 min

Lab File: VY002280.D

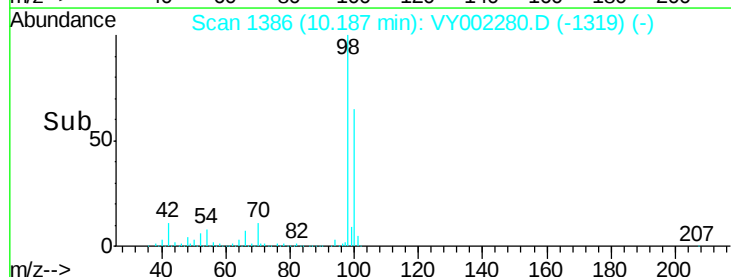
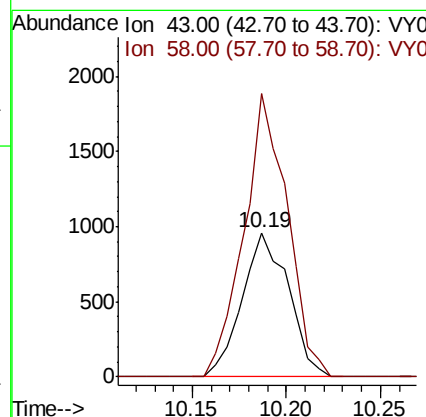
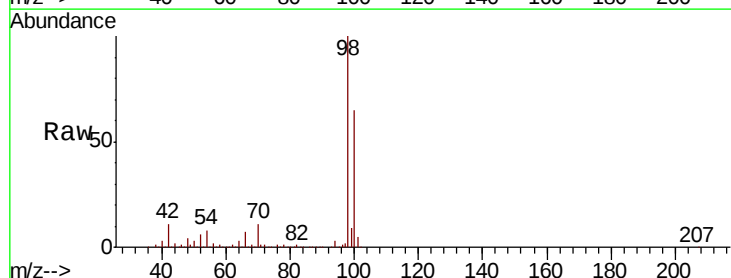
Acq: 13 Apr 2020 15:17

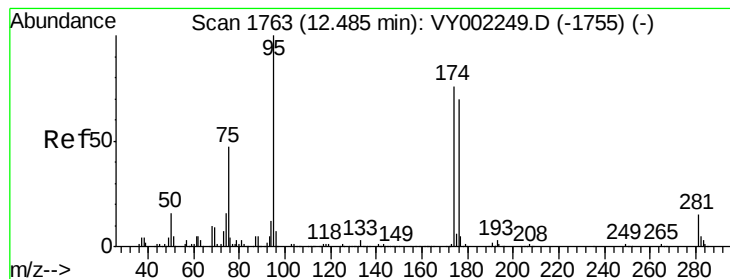
Tgt Ion: 43 Resp: 1630

Ion Ratio Lower Upper

43 100

58 184.7 33.8 50.8#





#62

4-Bromofluorobenzene

Concen: 51.219 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002280.D

Acq: 13 Apr 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

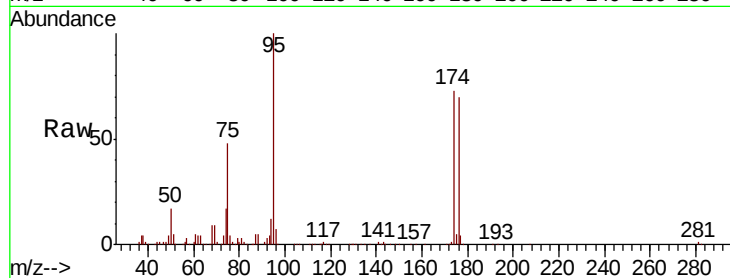
Tot Ion: 95 Resp: 128050

Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.6

176 69.0 0.0 141.4



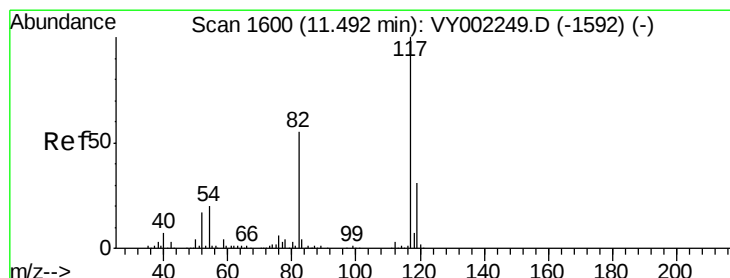
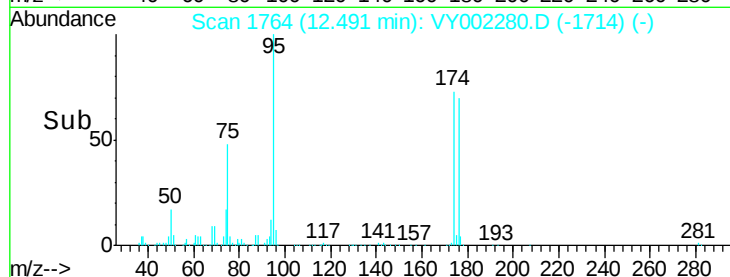
Abundance Ion 94.90 (94.60 to 95.60): VY002249.D

Ion 173.80 (173.50 to 174.50): VY002249.D

Ion 175.80 (175.50 to 176.50): VY002249.D

12.49

Time--> 12.40 12.45 12.50 12.55



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002280.D

Acq: 13 Apr 2020 15:17

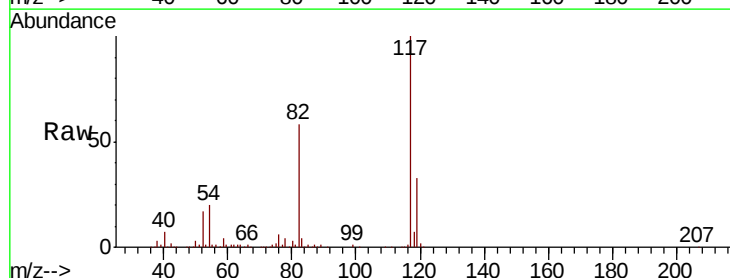
Tgt Ion: 117 Resp: 282662

Ion Ratio Lower Upper

117 100

82 57.6 44.2 66.4

119 32.7 25.1 37.7



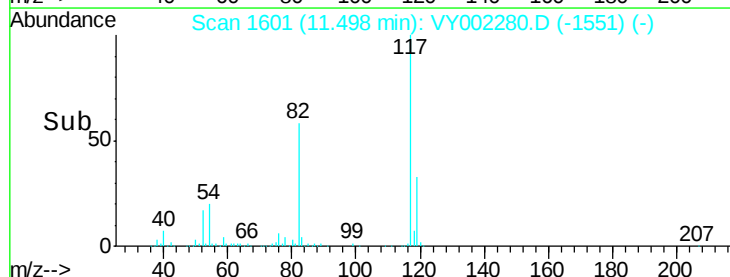
Abundance Ion 116.90 (116.60 to 117.60): VY002249.D

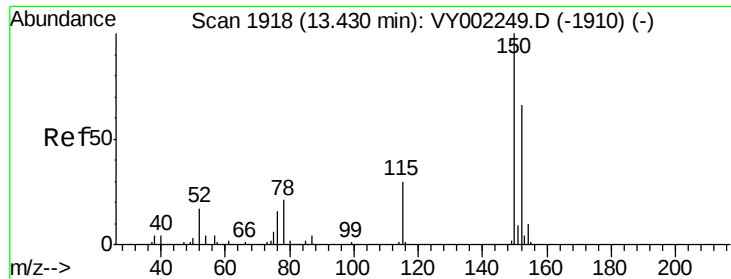
Ion 82.00 (81.70 to 82.70): VY002249.D

Ion 118.90 (118.60 to 119.60): VY002249.D

11.50

Time--> 11.40 11.50 11.60



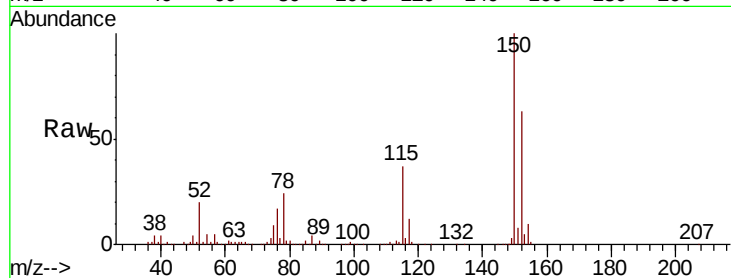


#72

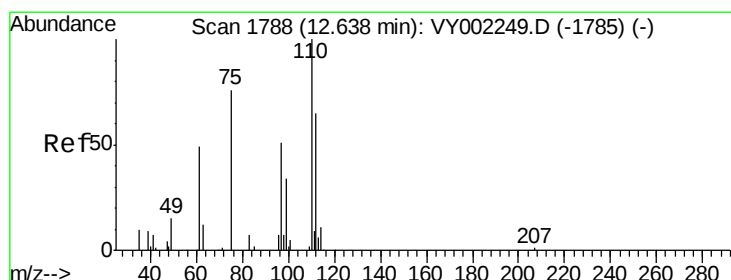
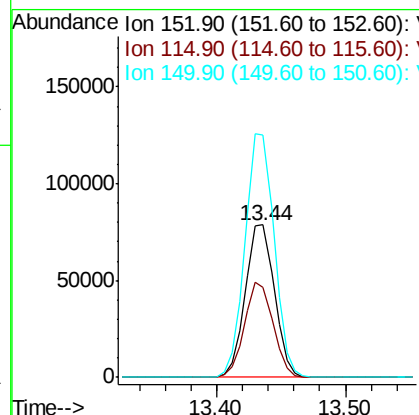
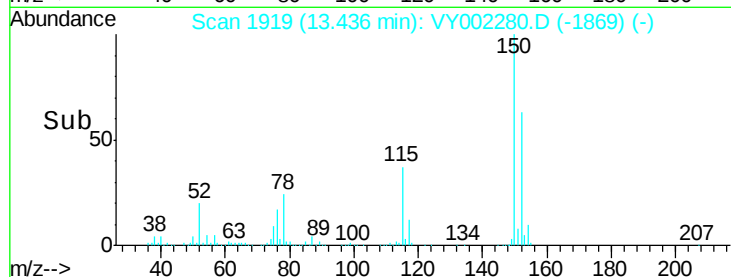
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002280.D
Acq: 13 Apr 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.7	92.1
150	159.3	0.0	350.6



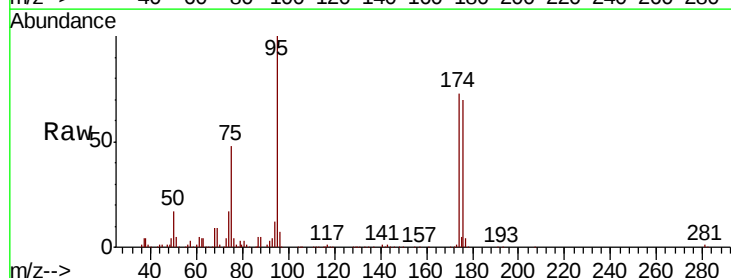
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



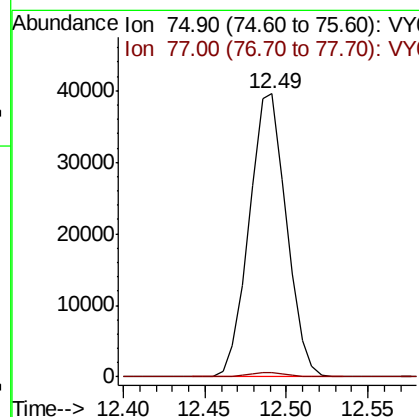
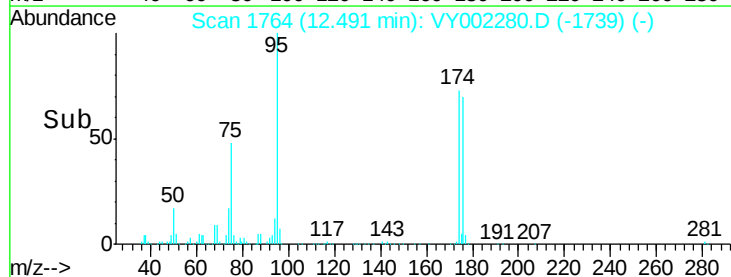
#76

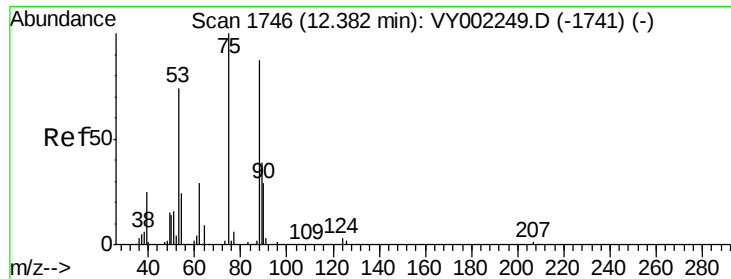
1,2,3-Trichloropropane
Concen: 43.887 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002280.D
Acq: 13 Apr 2020 15:17

Tgt 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: 85.360 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002280.D

Acq: 13 Apr 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

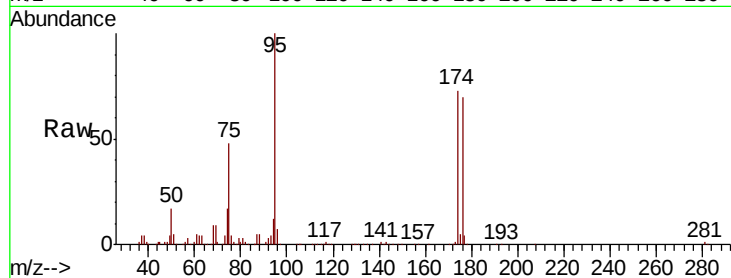
Tot Ion: 75 Resp: 62874

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

