

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002271.D
 Acq On : 09 Apr 2020 13:29
 Operator : SY/MD
 Sample : L2195-05
 Misc : 6.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

Quant Time: Apr 10 04:28:53 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

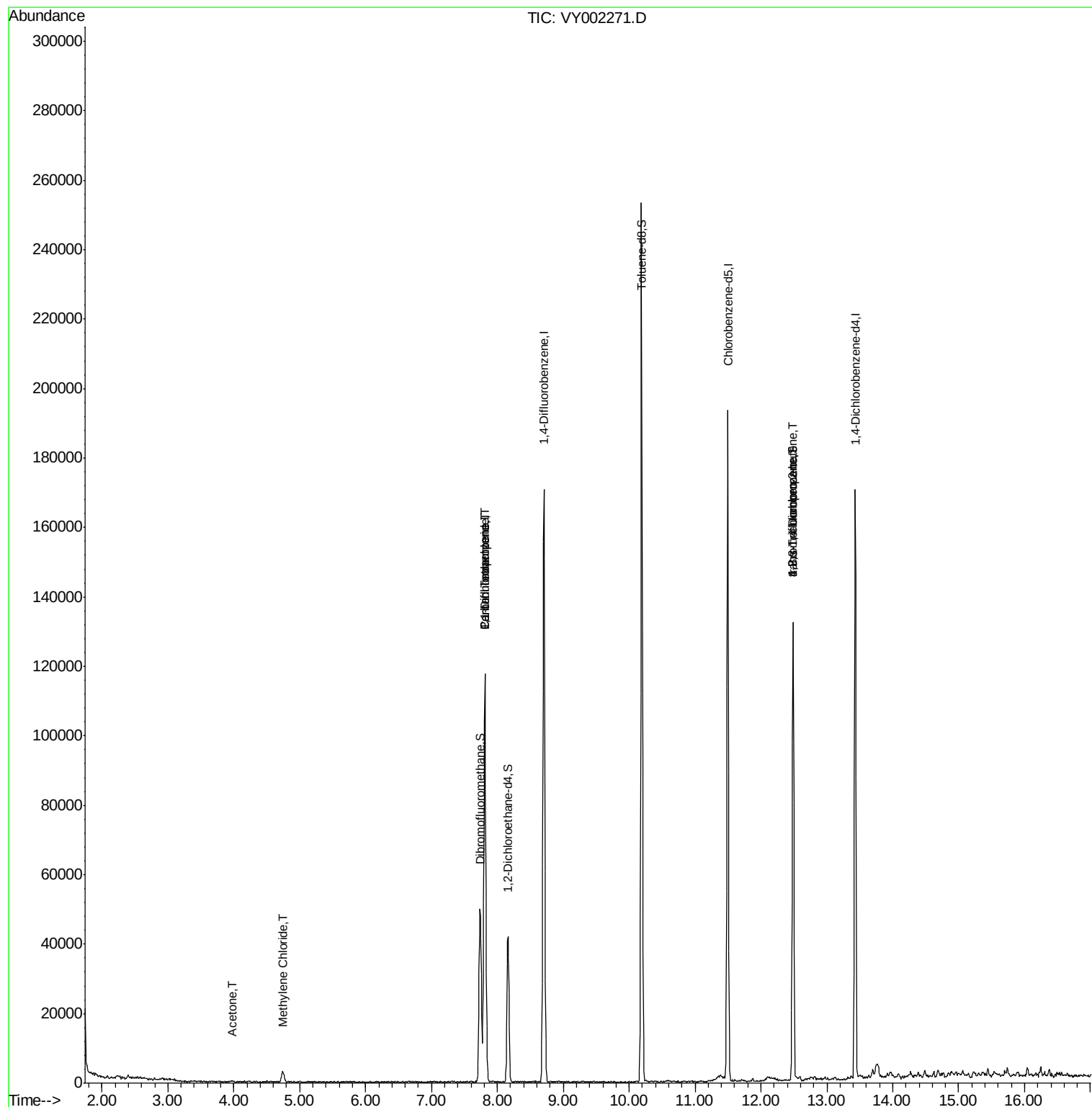
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	86034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	145294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	105085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	41260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	31165	32.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.14%	
35) Dibromofluoromethane	7.74	113	36747	42.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.00%	
50) Toluene-d8	10.19	98	164708	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.49	95	43554	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	491	1.948	ug/l #	39
20) Methylene Chloride	4.74	84	2152	1.737	ug/l	94
36) 1,1-Dichloropropene	7.81	75	6875	4.804	ug/l #	49
38) Carbon Tetrachloride	7.81	117	8960	7.319	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	21932	45.776	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	21932	89.033	ug/l #	19

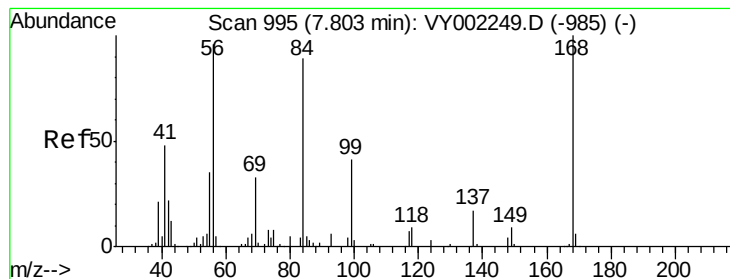
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002271.D

Acq: 09 Apr 2020 13:29

Instrument :

MSVOA_Y

ClientSampled :

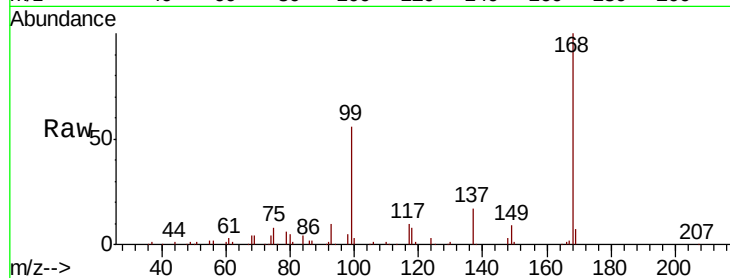
VNJ-204

Tot Ion:168 Resp: 86034

Ion Ratio Lower Upper

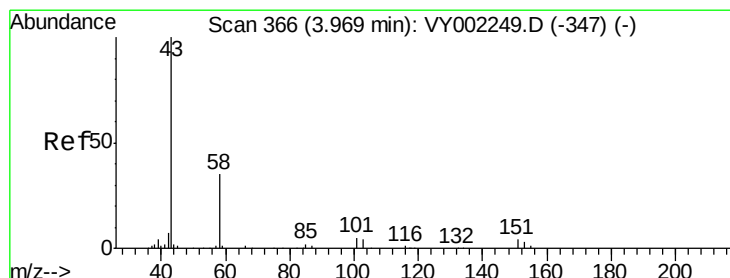
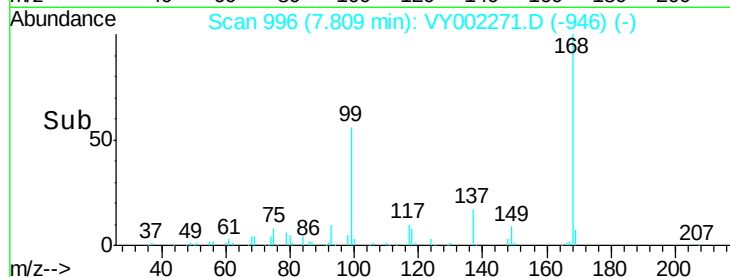
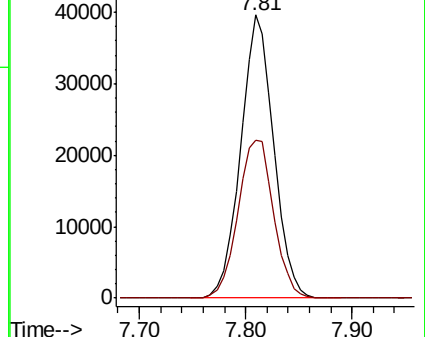
168 100

99 55.9 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) (-)



#16

Acetone

Concen: 1.948 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002271.D

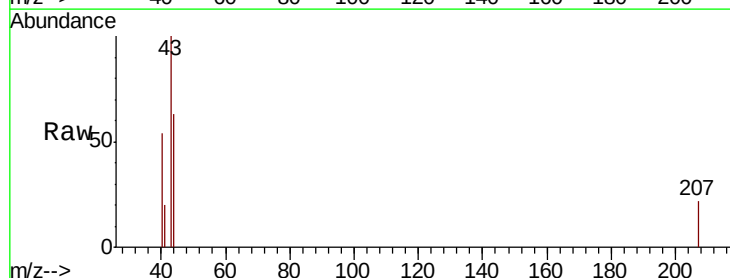
Acq: 09 Apr 2020 13:29

Tgt Ion: 43 Resp: 491

Ion Ratio Lower Upper

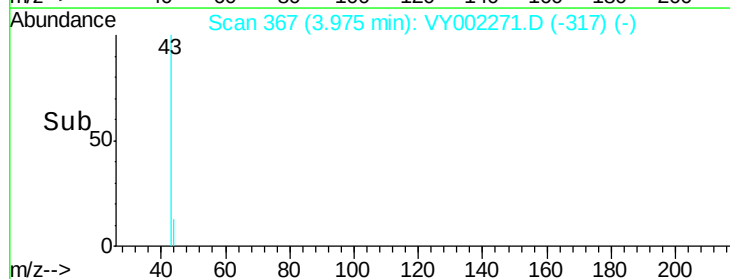
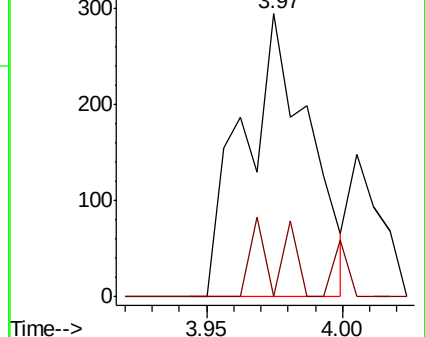
43 100

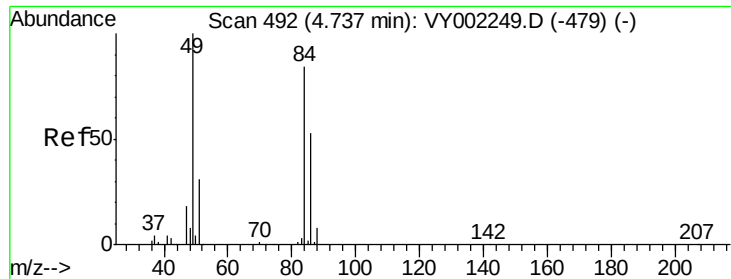
58 0.0 28.5 42.7#



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

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

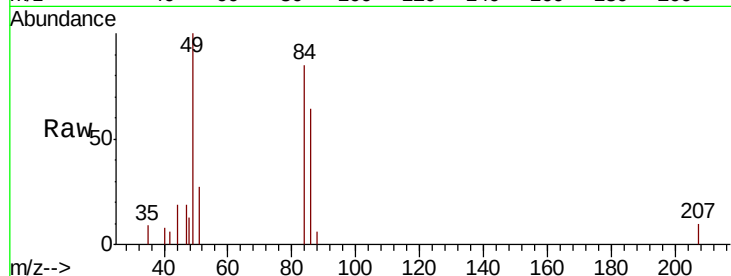




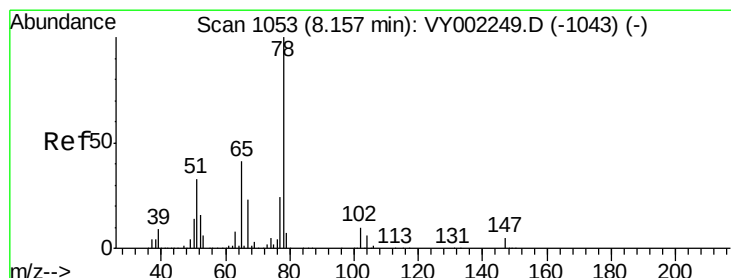
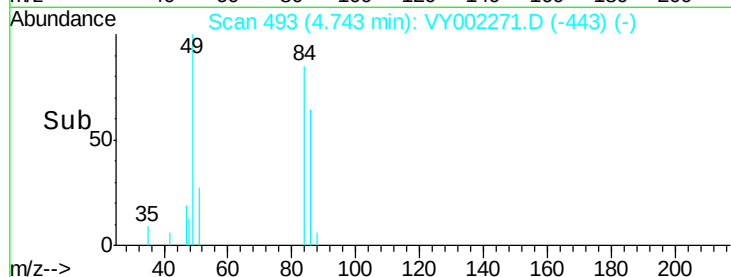
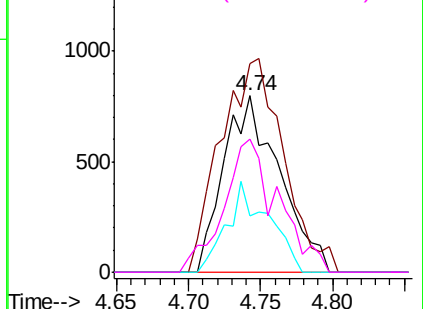
#20
Methylene Chloride
Concen: 1.737 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002271.D
Acq: 09 Apr 2020 13:29

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

Tot Ion:	84	Resp:	2152
Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.5	143.3
51	32.2	29.5	44.3
86	75.4	50.7	76.1

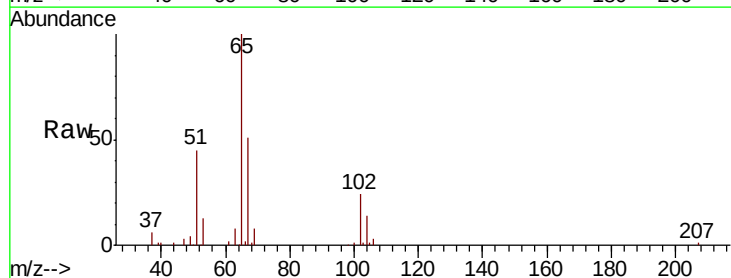


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

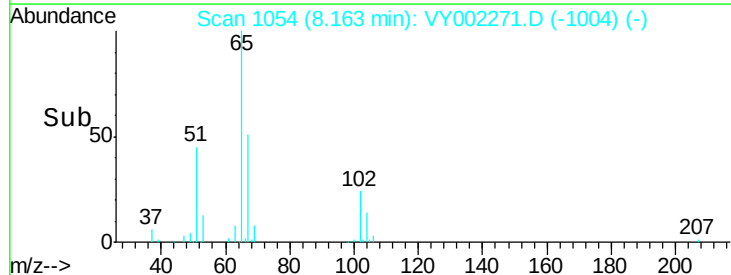
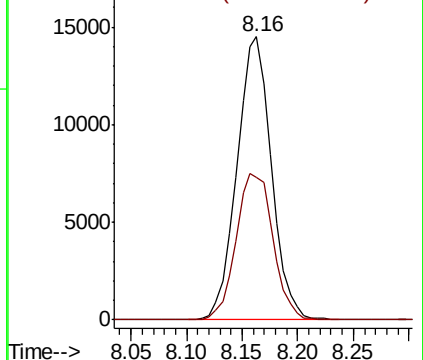


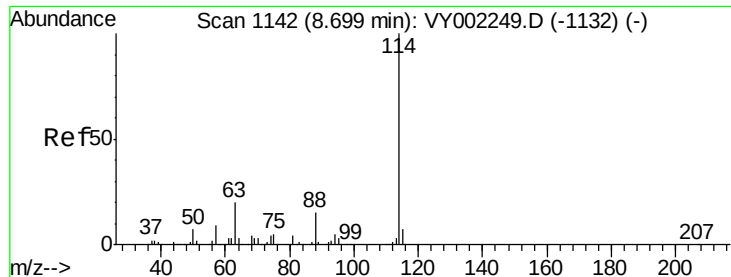
#33
1,2-Dichloroethane-d4
Concen: 32.573 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002271.D
Acq: 09 Apr 2020 13:29

Tgt Ion:	65	Resp:	31165
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

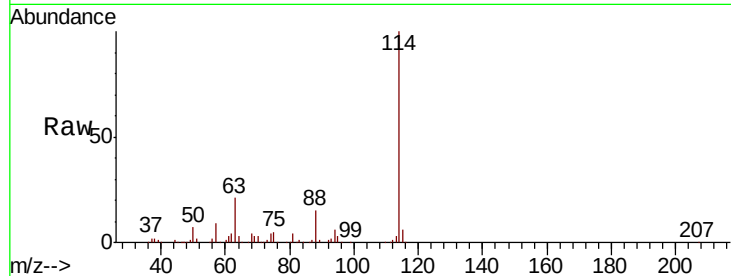




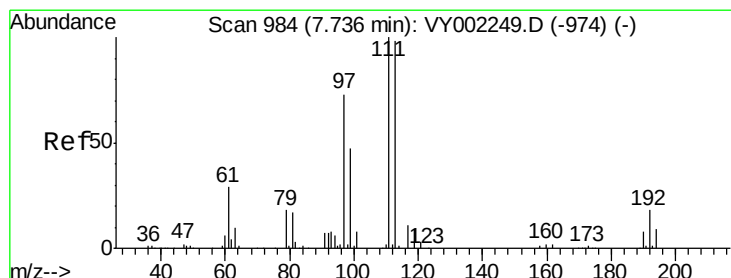
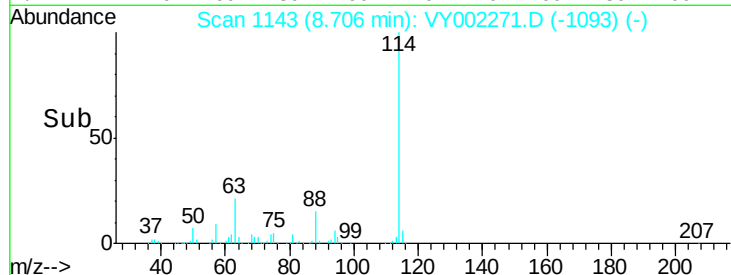
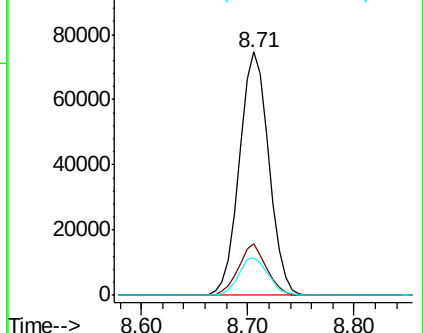
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002271.D
 Acq: 09 Apr 2020 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	15.3	0.0	31.0

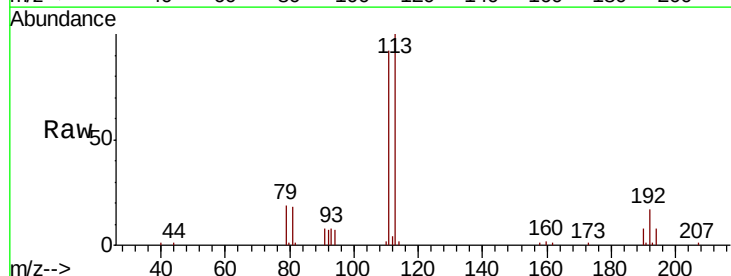


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

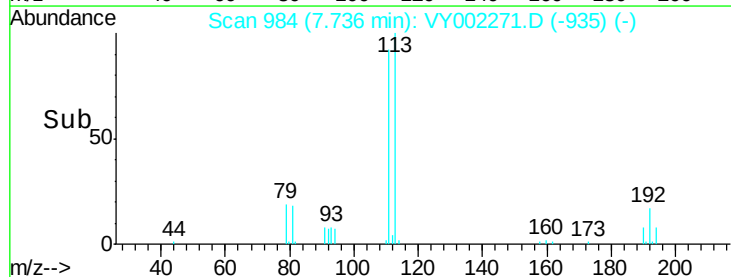
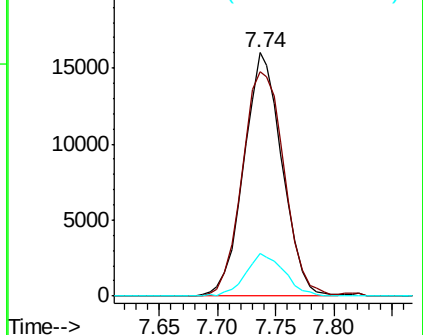


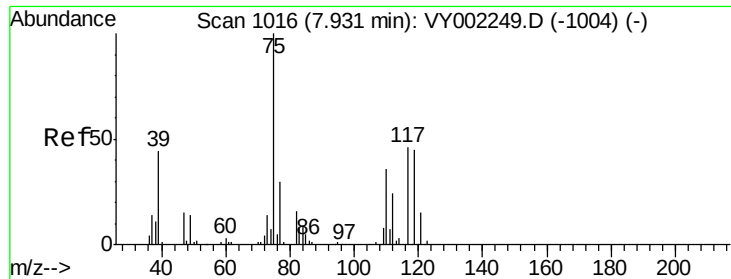
#35
 Dibromofluoromethane
 Concen: 42.504 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002271.D
 Acq: 09 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.5	125.3
192	17.6	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

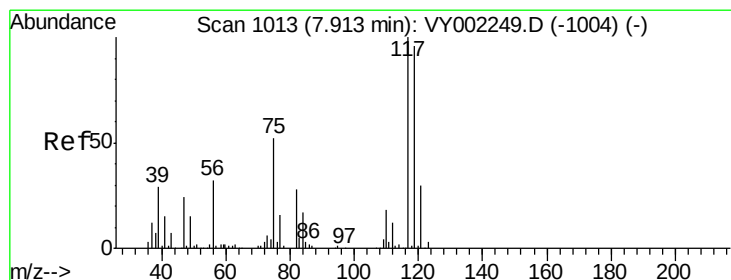
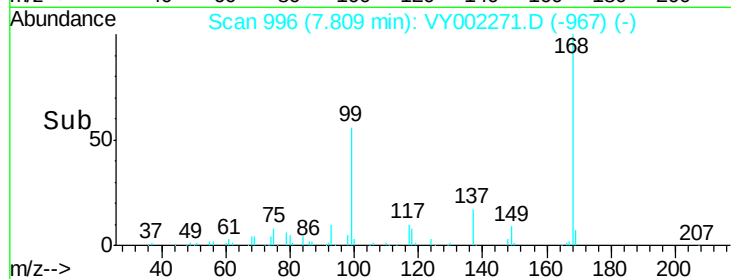
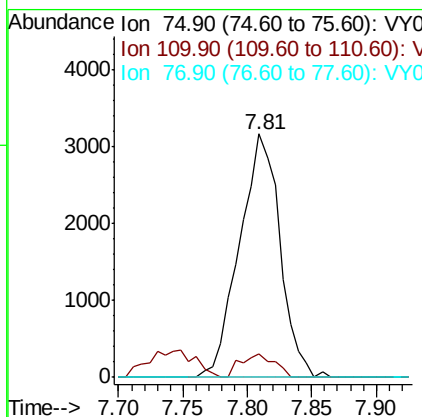
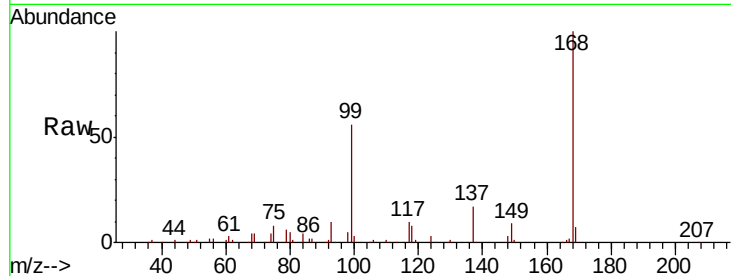




#36
 1,1-Dichloropropene
 Concen: 4.804 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002271.D
 Acq: 09 Apr 2020 13:29

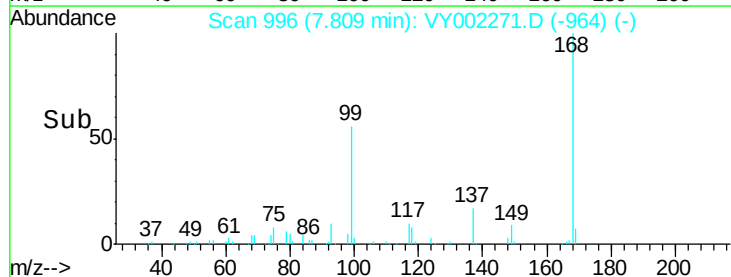
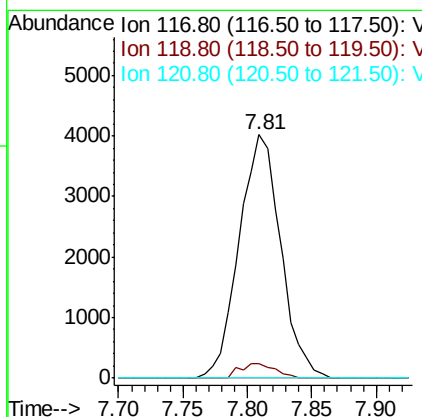
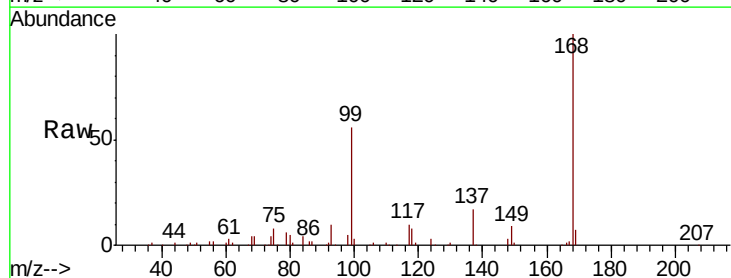
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

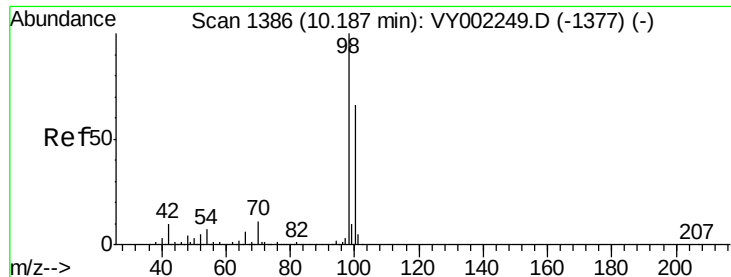
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 7.319 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002271.D
 Acq: 09 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 45.517 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002271.D

Acq: 09 Apr 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

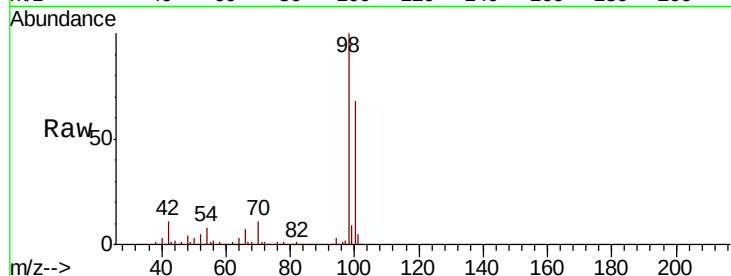
VNJ-204

Tot Ion: 98 Resp: 164708

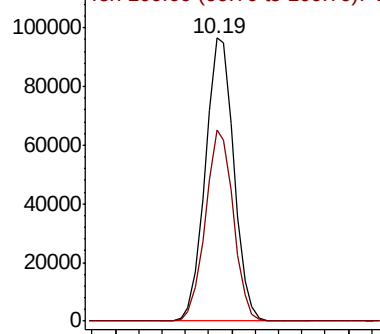
Ion Ratio Lower Upper

98 100

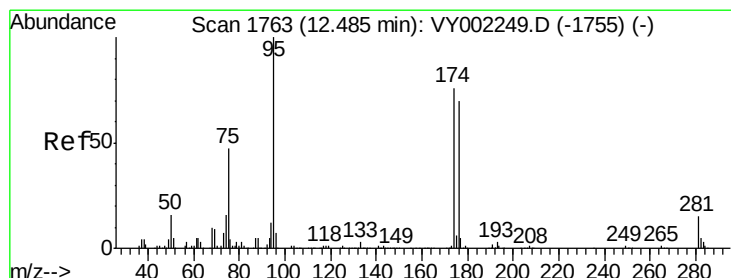
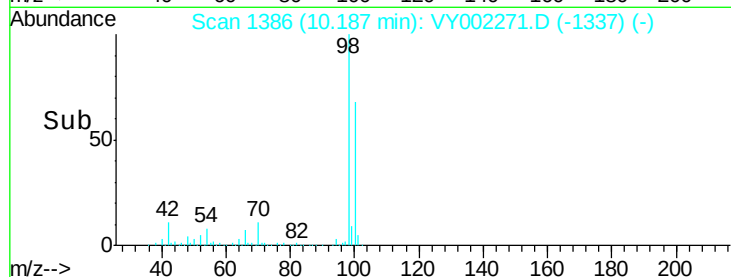
100 66.0 52.6 78.8



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



Time-->



#62

4-Bromofluorobenzene

Concen: 36.482 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002271.D

Acq: 09 Apr 2020 13:29

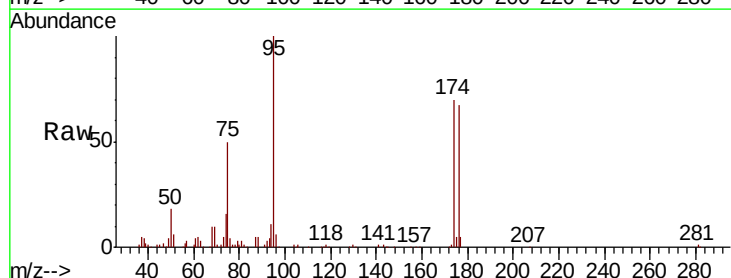
Tgt Ion: 95 Resp: 43554

Ion Ratio Lower Upper

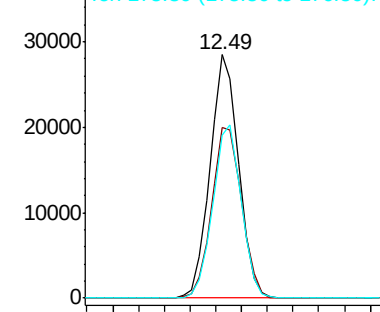
95 100

174 73.2 0.0 150.6

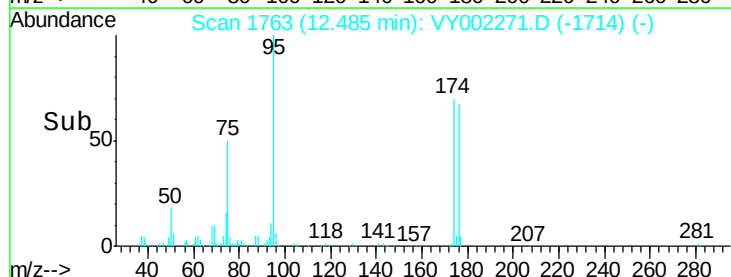
176 70.8 0.0 141.4

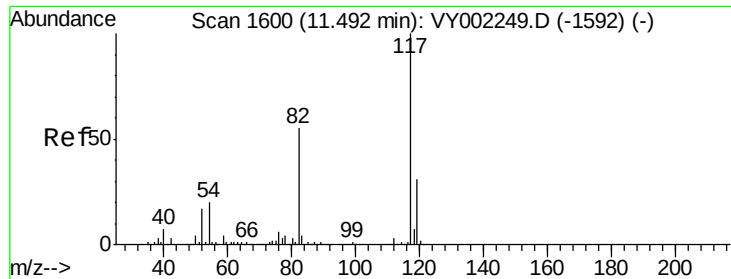


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)



Time-->

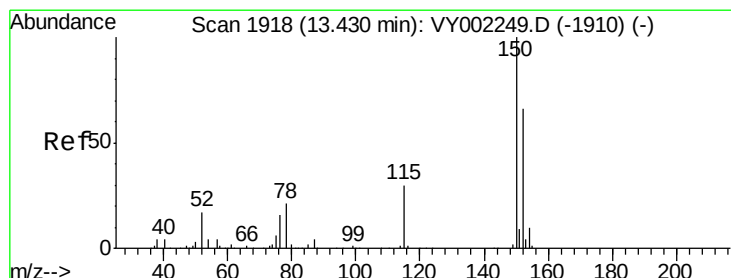
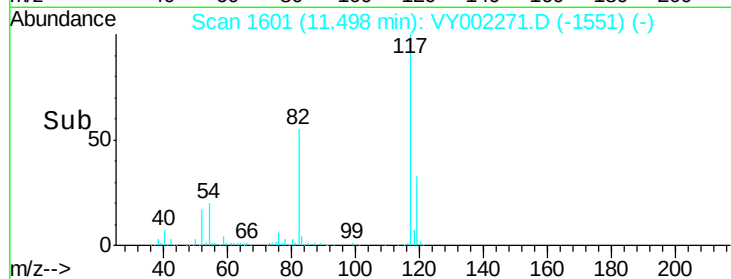
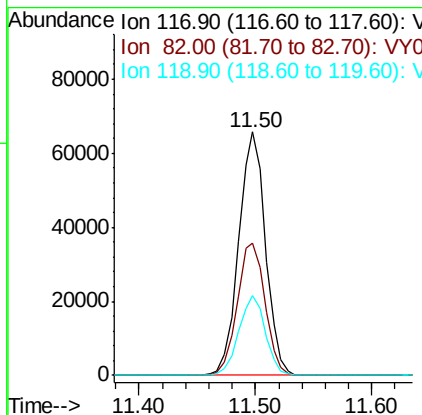
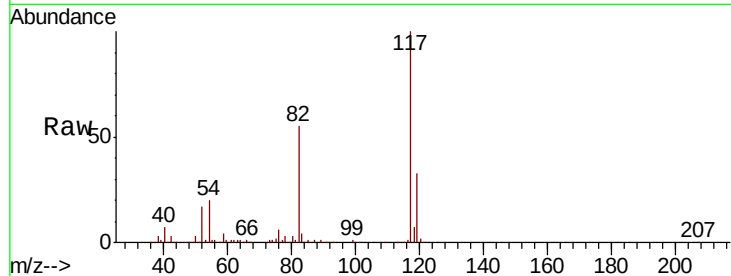




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002271.D
Acq: 09 Apr 2020 13:29

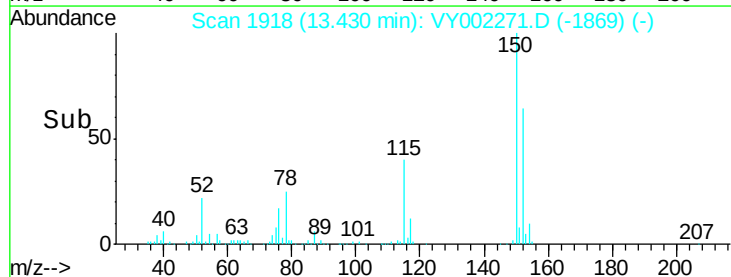
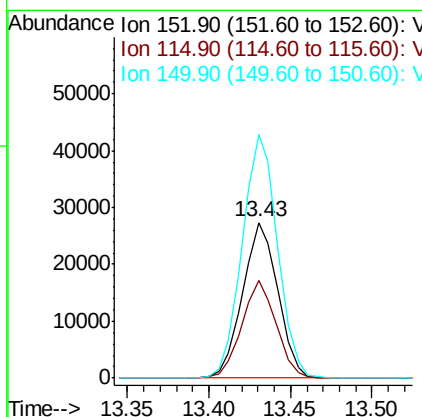
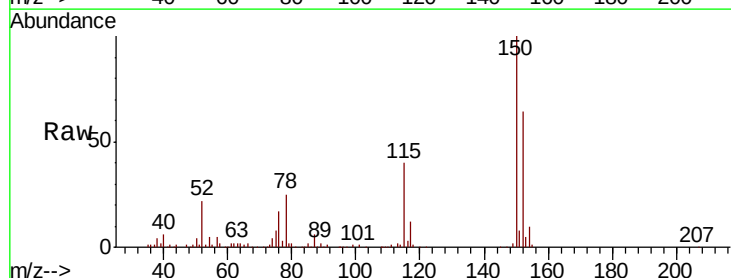
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

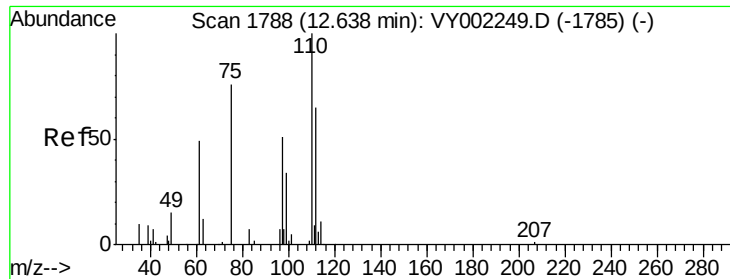
Tot Ion:117 Resp: 105085
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.4
119 32.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002271.D
Acq: 09 Apr 2020 13:29

Tgt Ion:152 Resp: 41260
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 156.1 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 45.776 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002271.D

Acq: 09 Apr 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

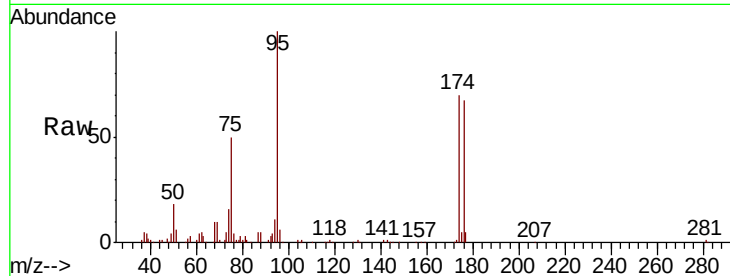
VNJ-204

Tot Ion: 75 Resp: 21932

Ion Ratio Lower Upper

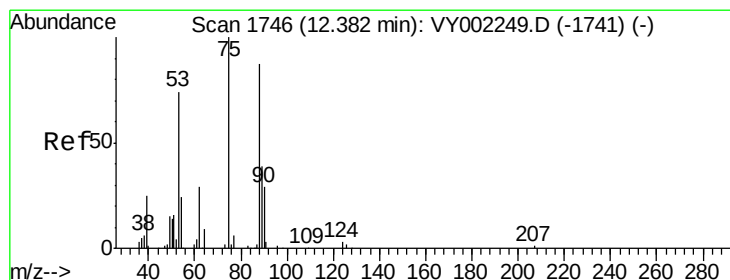
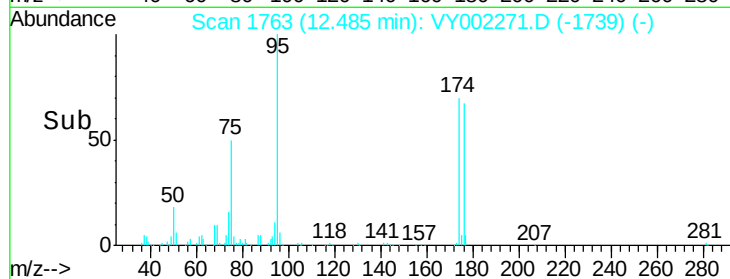
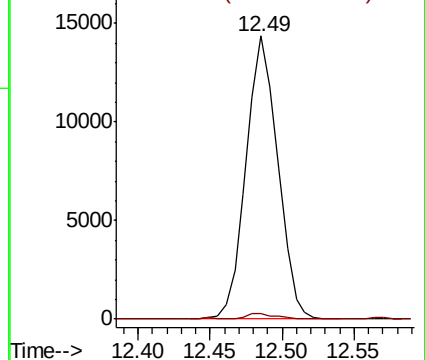
75 100

77 1.7 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: 89.033 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002271.D

Acq: 09 Apr 2020 13:29

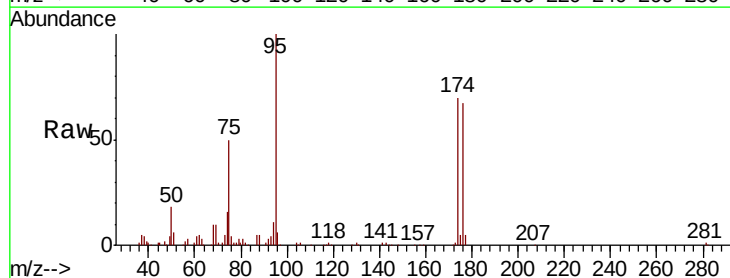
Tgt Ion: 75 Resp: 21932

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

