

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003289.D
 Acq On : 22 Jul 2020 15:33
 Operator : SY/MD
 Sample : L3351-02RE
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1ARE

Quant Time: Jul 23 05:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

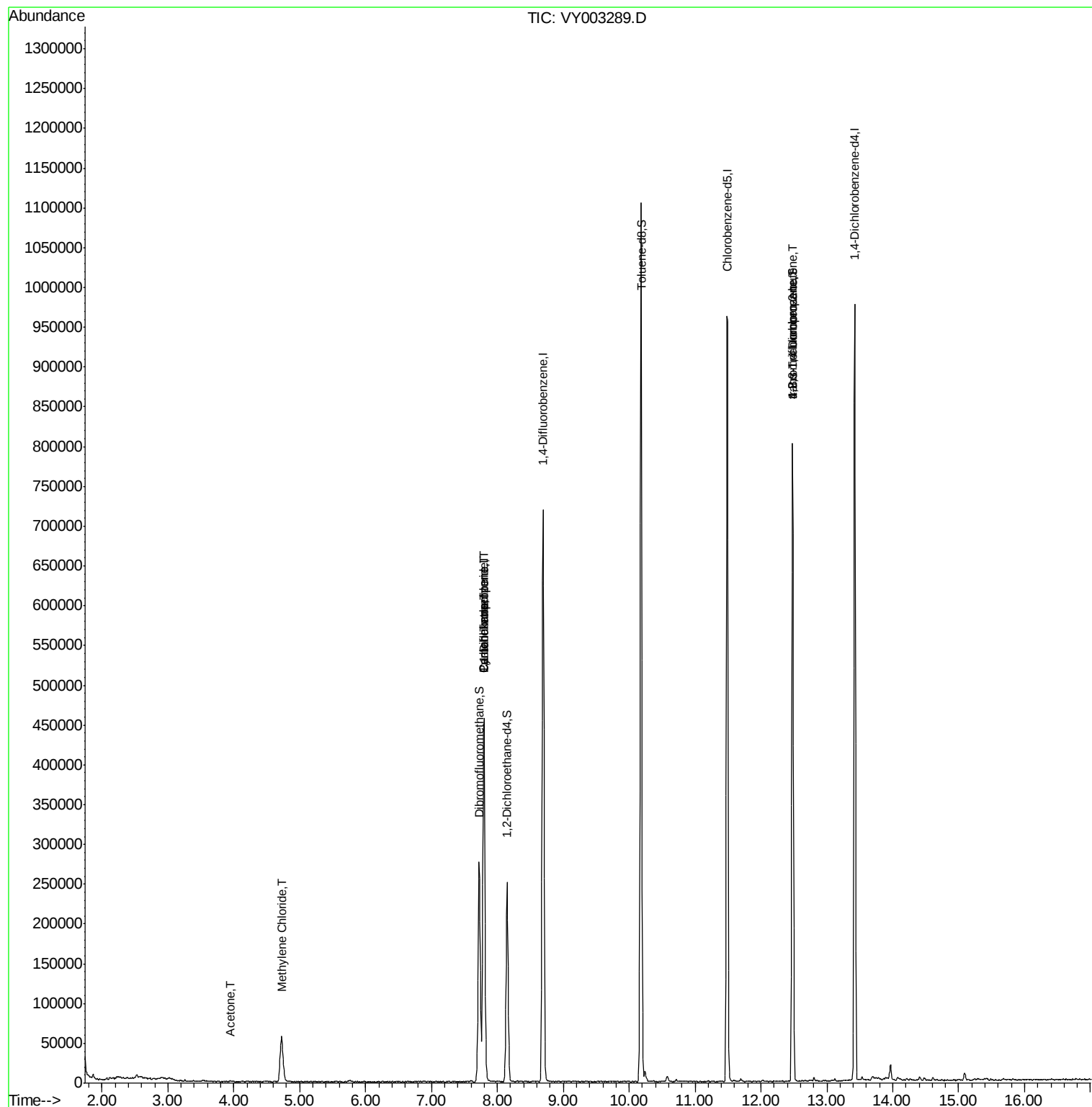
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	603112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	543267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	198406	61.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.50%	
35) Dibromofluoromethane	7.72	113	188871	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.18	98	736233	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	
62) 4-Bromofluorobenzene	12.48	95	224411	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
Target Compounds						
					Qvalue	
16) Acetone	3.94	43	1263	1.760	ug/l #	85
20) Methylene Chloride	4.72	84	44332	7.619	ug/l	97
31) Cyclohexane	7.79	56	6954	1.190	ug/l #	11
36) 1,1-Dichloropropene	7.79	75	27700	5.068	ug/l #	49
38) Carbon Tetrachloride	7.79	117	34326	6.083	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	116151	52.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	116151	101.975	ug/l #	13

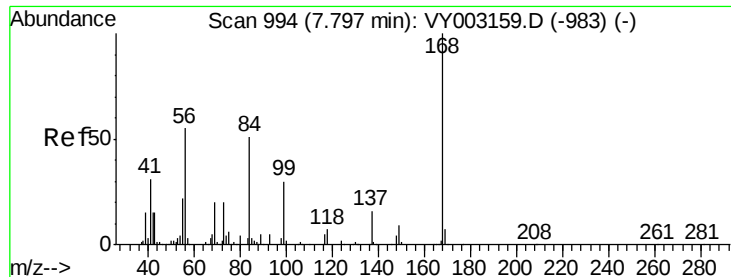
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
Data File : VY003289.D
Acq On : 22 Jul 2020 15:33
Operator : SY/MD
Sample : L3351-02RE
Misc : 7.24G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1ARE

Quant Time: Jul 23 05:43:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003289.D

Acq: 22 Jul 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

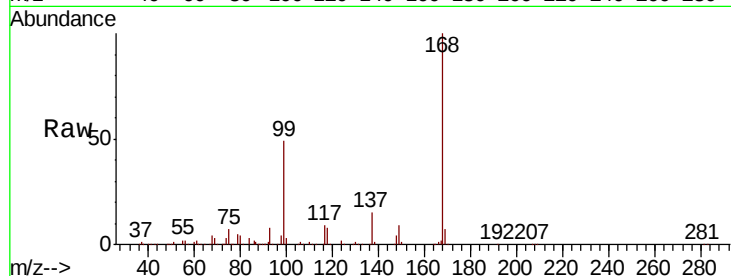
SAMPLE-1ARE

Tot Ion:168 Resp: 380683

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003289.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003289.D (-945) (-)

7.80

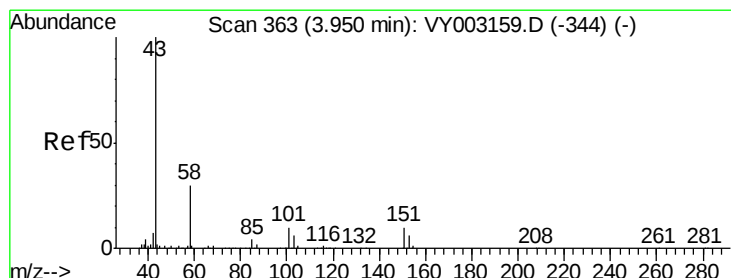
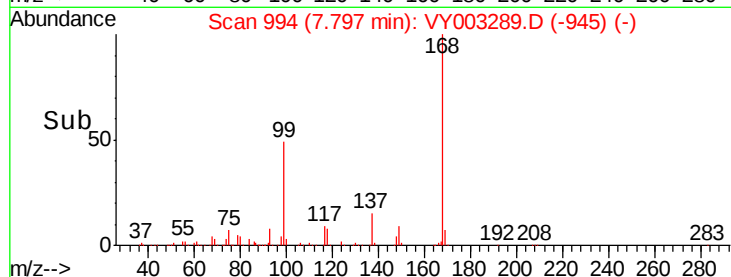
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.760 ug/l

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

Lab File: VY003289.D

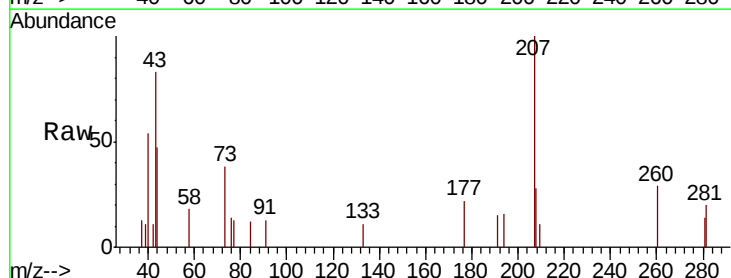
Acq: 22 Jul 2020 15:33

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 21.4 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003289.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003289.D (-314) (-)

3.94

500

400

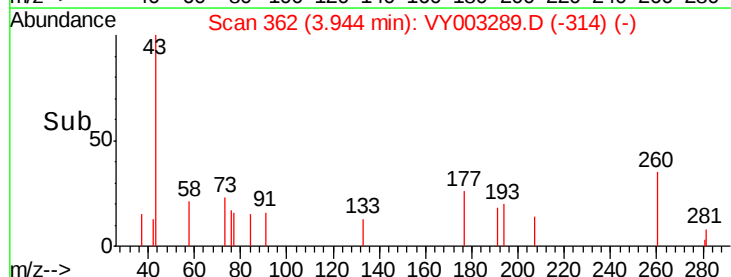
300

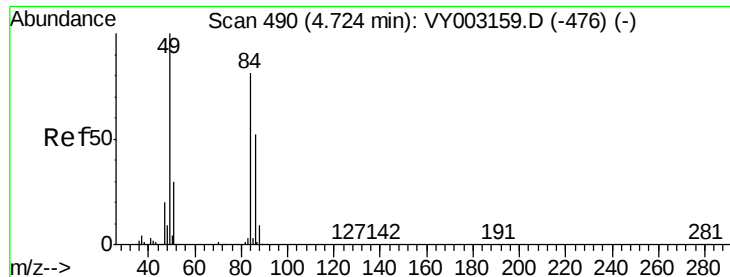
200

100

0

Time-->

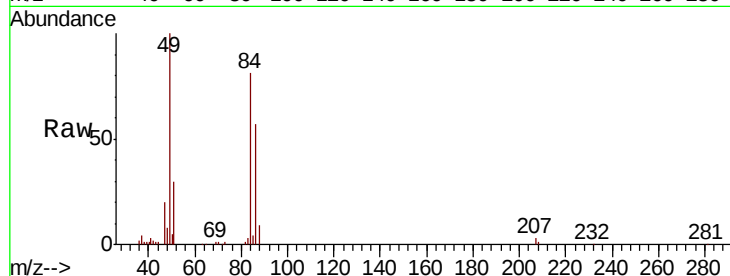




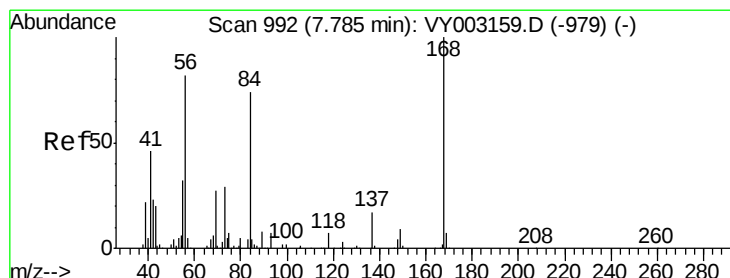
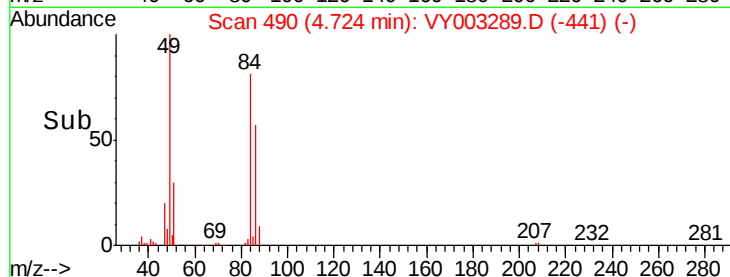
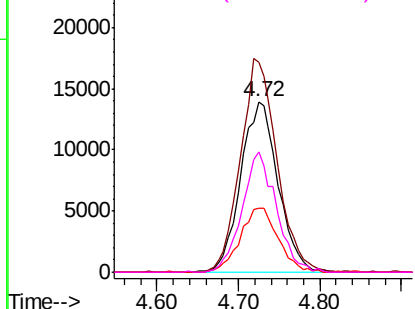
#20
Methvlene Chloride
Concen: 7.619 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003289.D
Acq: 22 Jul 2020 15:33

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1ARE

Tot Ion:	84	Resp:	44332
Ion	Ratio	Lower	Upper
84	100		
49	123.3	98.2	147.4
51	37.4	29.8	44.6
86	70.7	51.2	76.8

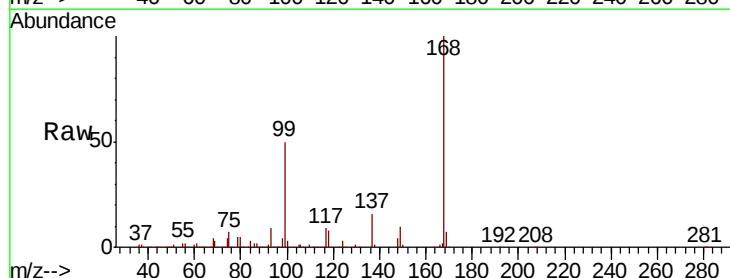


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

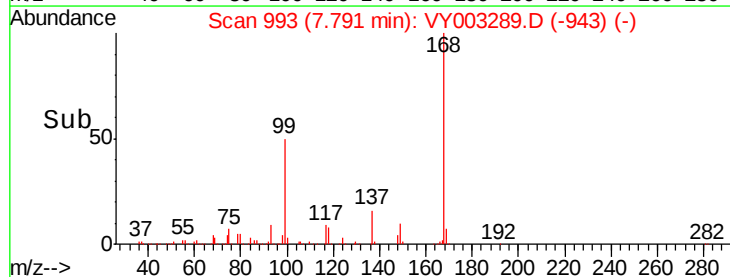
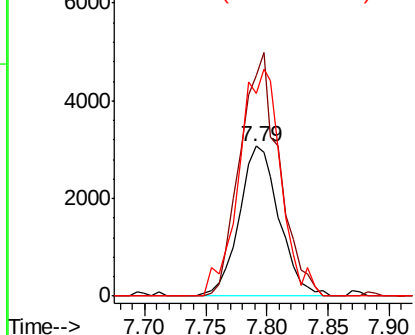


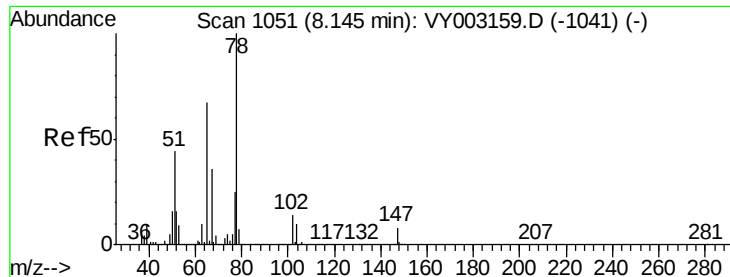
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003289.D
Acq: 22 Jul 2020 15:33

Tgt Ion:	56	Resp:	6954
Ion	Ratio	Lower	Upper
56	100		
69	146.9	26.7	40.1#
84	135.2	72.3	108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

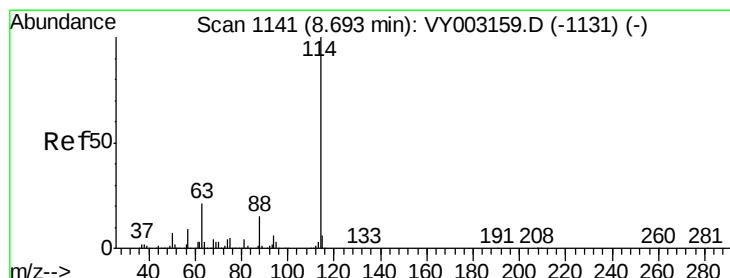
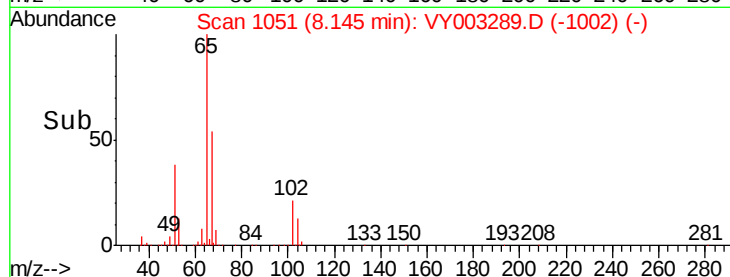
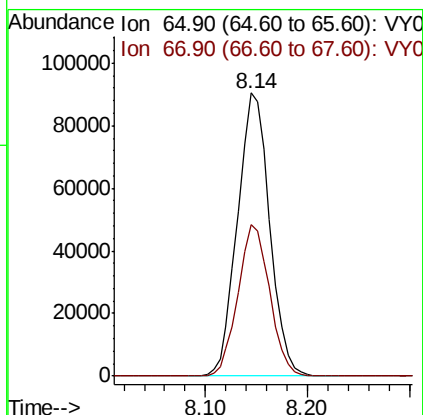
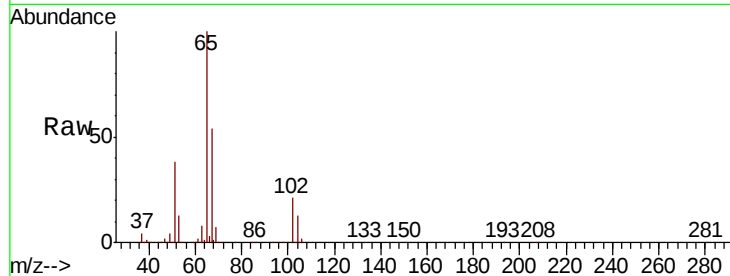




#33
 1,2-Dichloroethane-d4
 Concen: 61.749 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003289.D
 Acq: 22 Jul 2020 15:33

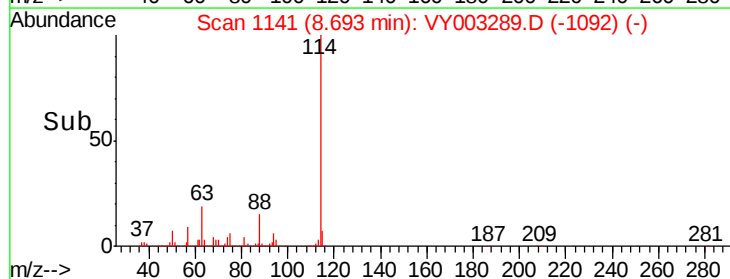
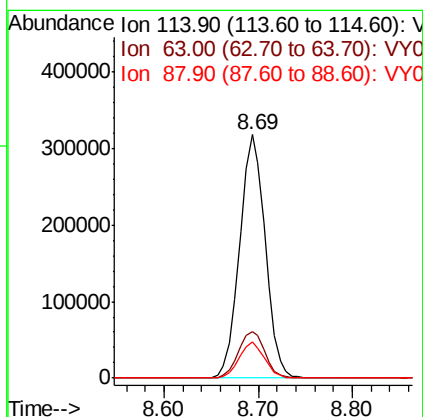
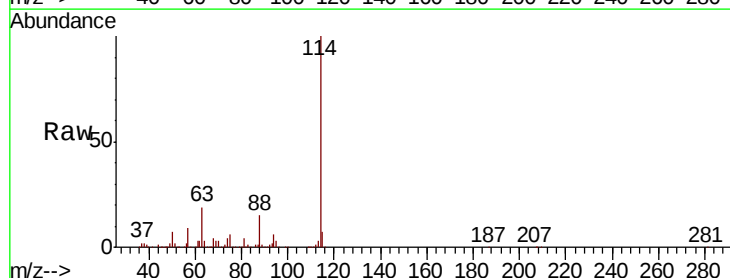
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1ARE

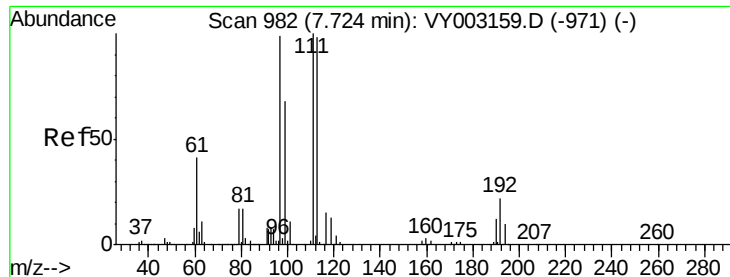
Tot Ion: 65 Resp: 198406
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003289.D
 Acq: 22 Jul 2020 15:33

Tgt Ion: 114 Resp: 603112
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.2
 88 15.1 0.0 30.2

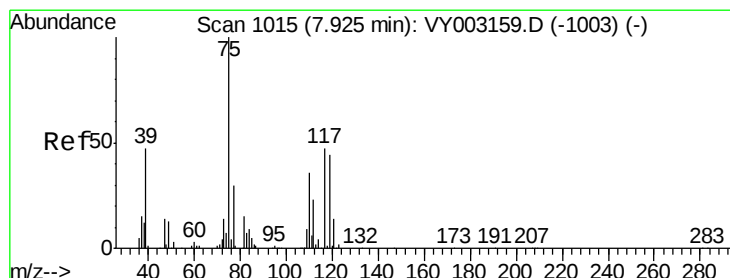
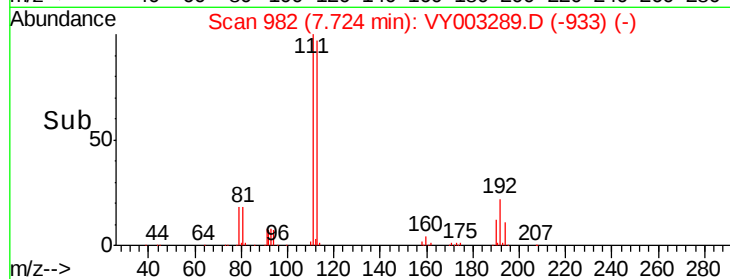
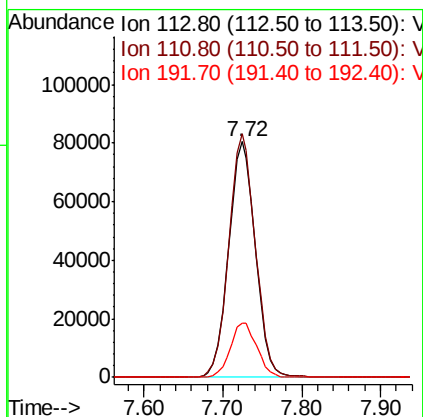
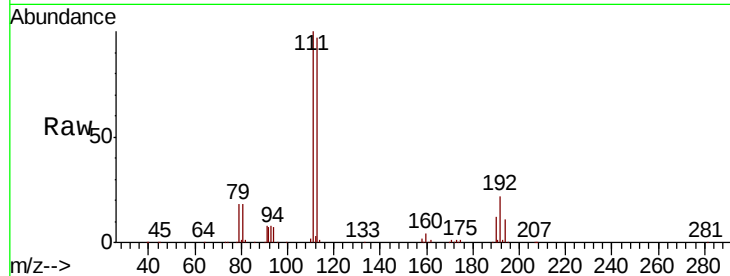




#35
 Dibromofluoromethane
 Concen: 54.418 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003289.D
 Acq: 22 Jul 2020 15:33

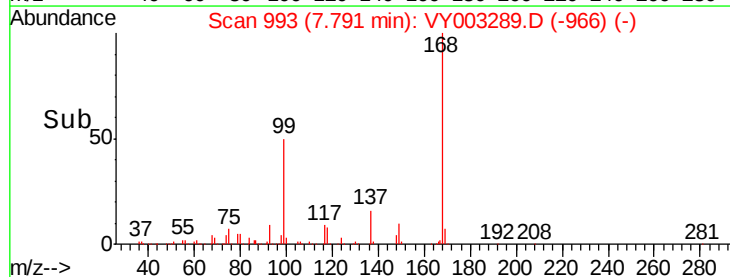
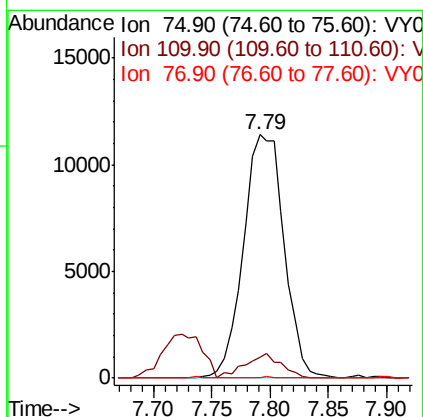
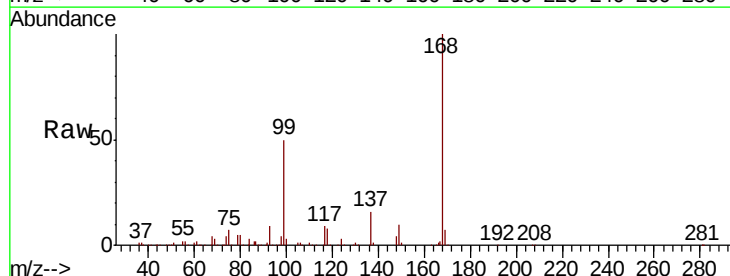
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1ARE

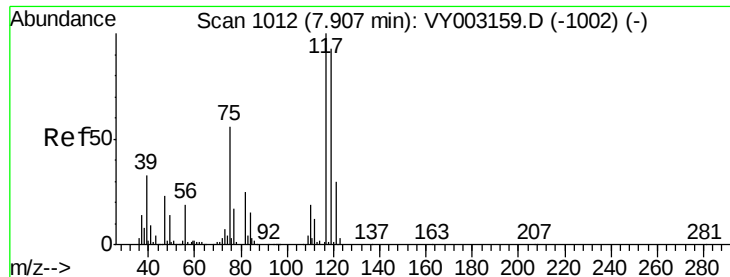
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	23.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003289.D
 Acq: 22 Jul 2020 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.1#
77	0.1	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.083 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003289.D

Acq: 22 Jul 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1ARE

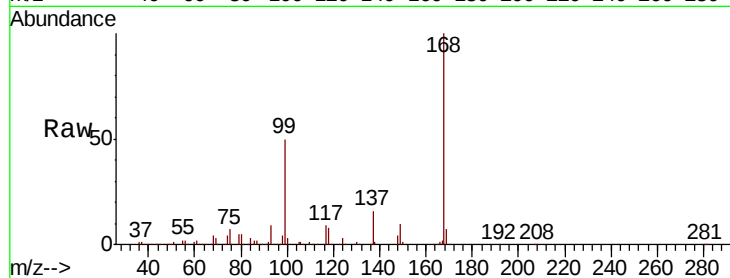
Tot Ion:117 Resp: 34326

Ion Ratio Lower Upper

117 100

119 4.7 74.5 111.7#

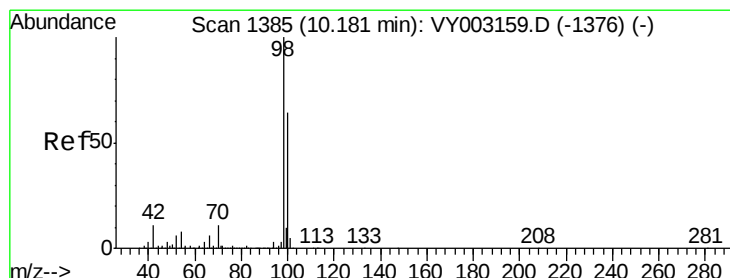
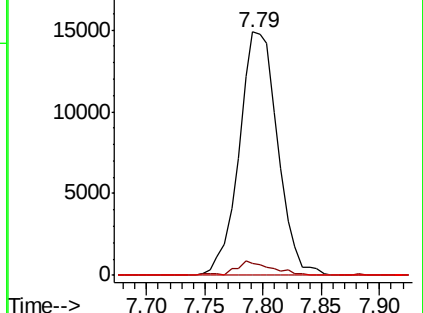
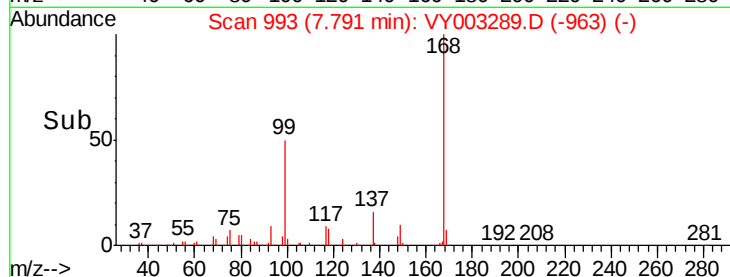
121 0.0 24.2 36.2#



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: 57.056 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003289.D

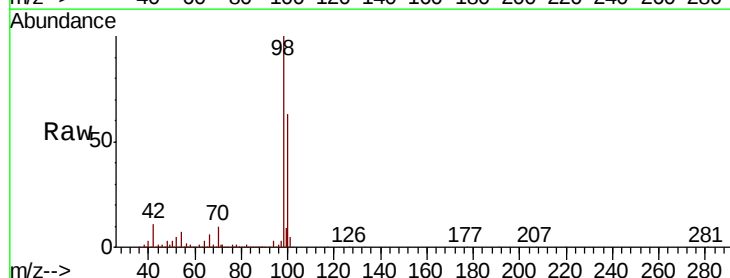
Acq: 22 Jul 2020 15:33

Tgt Ion: 98 Resp: 736233

Ion Ratio Lower Upper

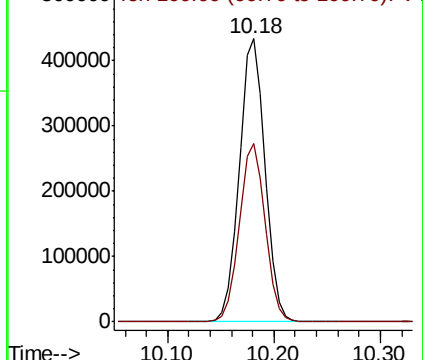
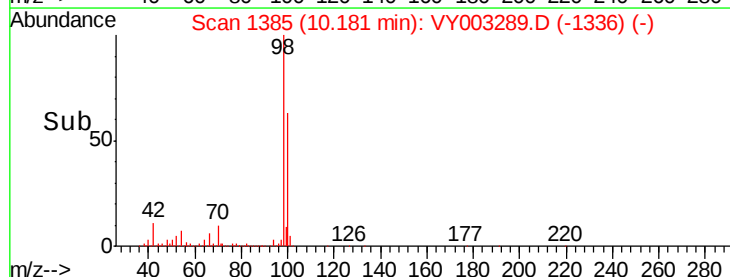
98 100

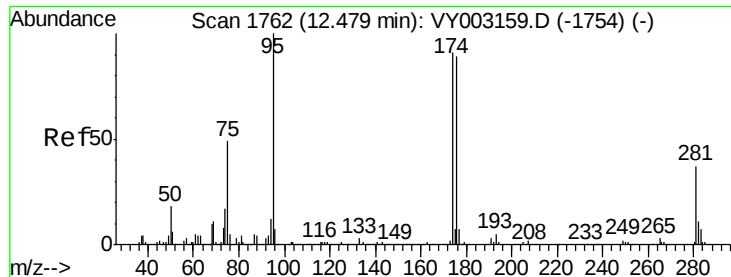
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.140 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003289.D

Acq: 22 Jul 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1ARE

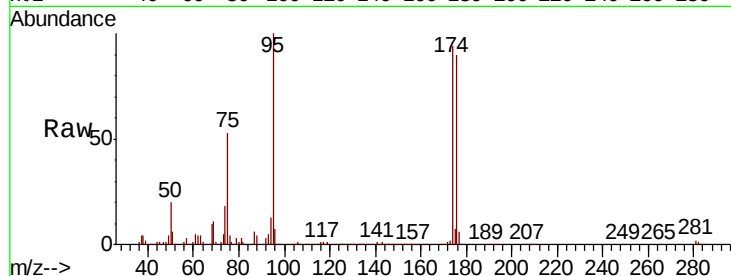
Tot Ion: 95 Resp: 224411

Ion Ratio Lower Upper

95 100

174 96.8 0.0 190.6

176 92.0 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

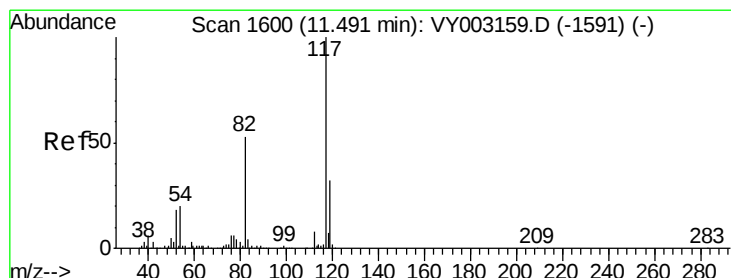
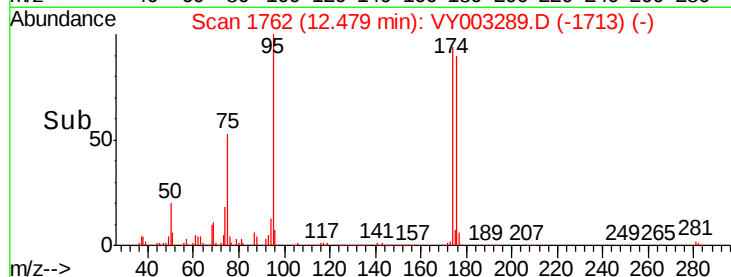
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003289.D

Acq: 22 Jul 2020 15:33

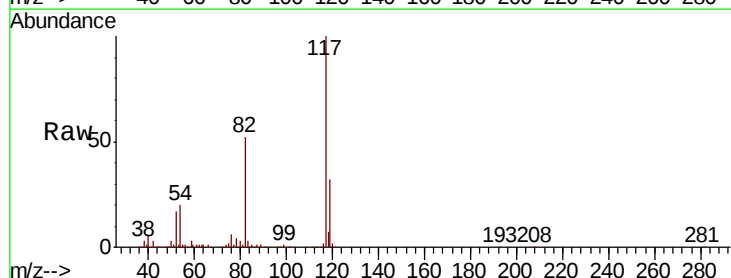
Tgt Ion: 117 Resp: 543267

Ion Ratio Lower Upper

117 100

82 51.6 42.0 63.0

119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0

11.49

400000

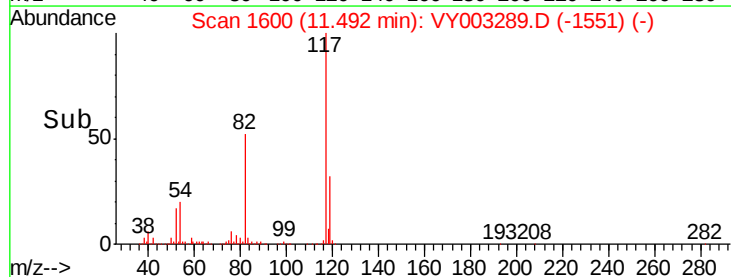
300000

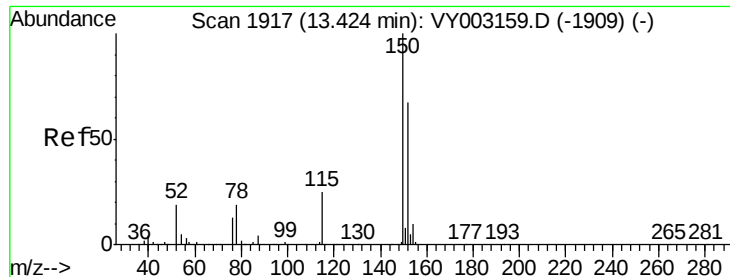
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003289.D

Acq: 22 Jul 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1ARE

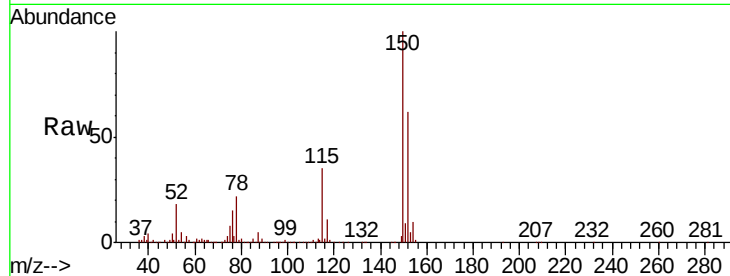
Tot Ion:152 Resp: 250431

Ion Ratio Lower Upper

152 100

115 54.2 26.9 80.7

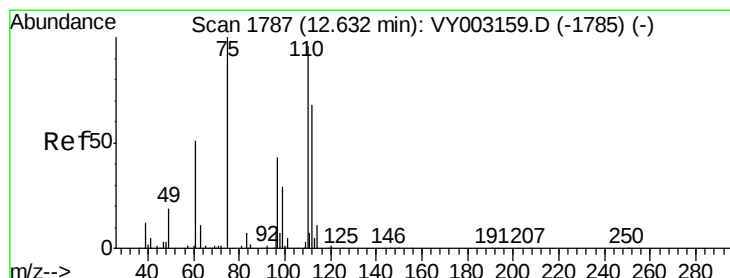
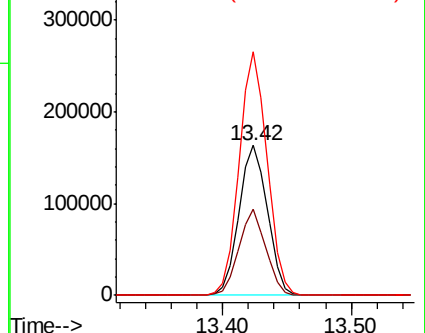
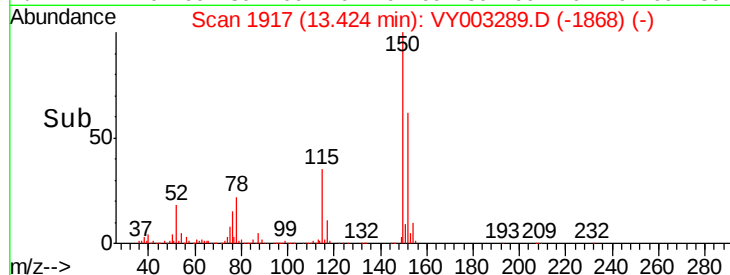
150 158.2 0.0 338.0



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: 52.397 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003289.D

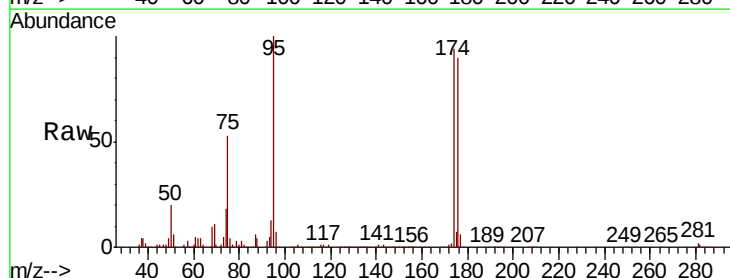
Acq: 22 Jul 2020 15:33

Tgt Ion: 75 Resp: 116151

Ion Ratio Lower Upper

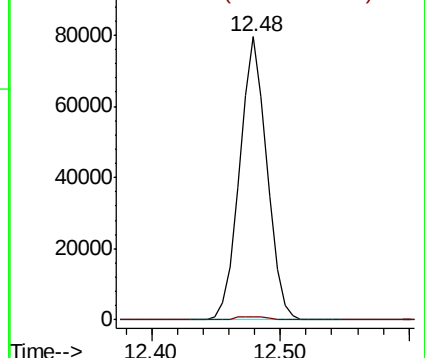
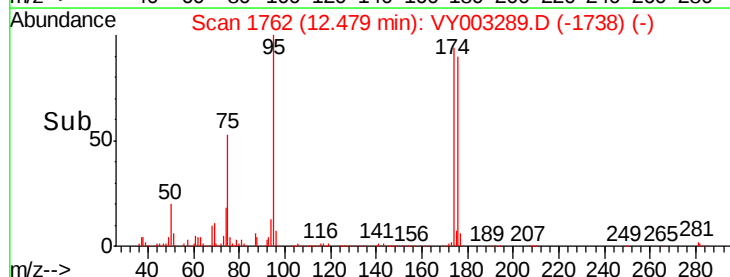
75 100

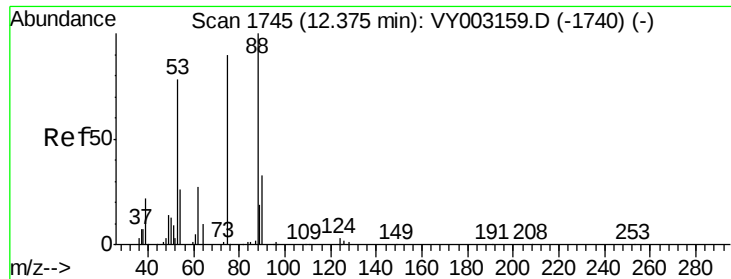
77 1.6 0.0 0.0#



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: 101.975 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003289.D

Acq: 22 Jul 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1ARE

Tot Ion: 75 Resp: 116151

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.2 37.3 55.9#

