

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003271.D
 Acq On : 22 Jul 2020 00:02
 Operator : SY/MD
 Sample : L3366-07
 Misc : 7.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2A

Quant Time: Jul 22 02:49:16 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

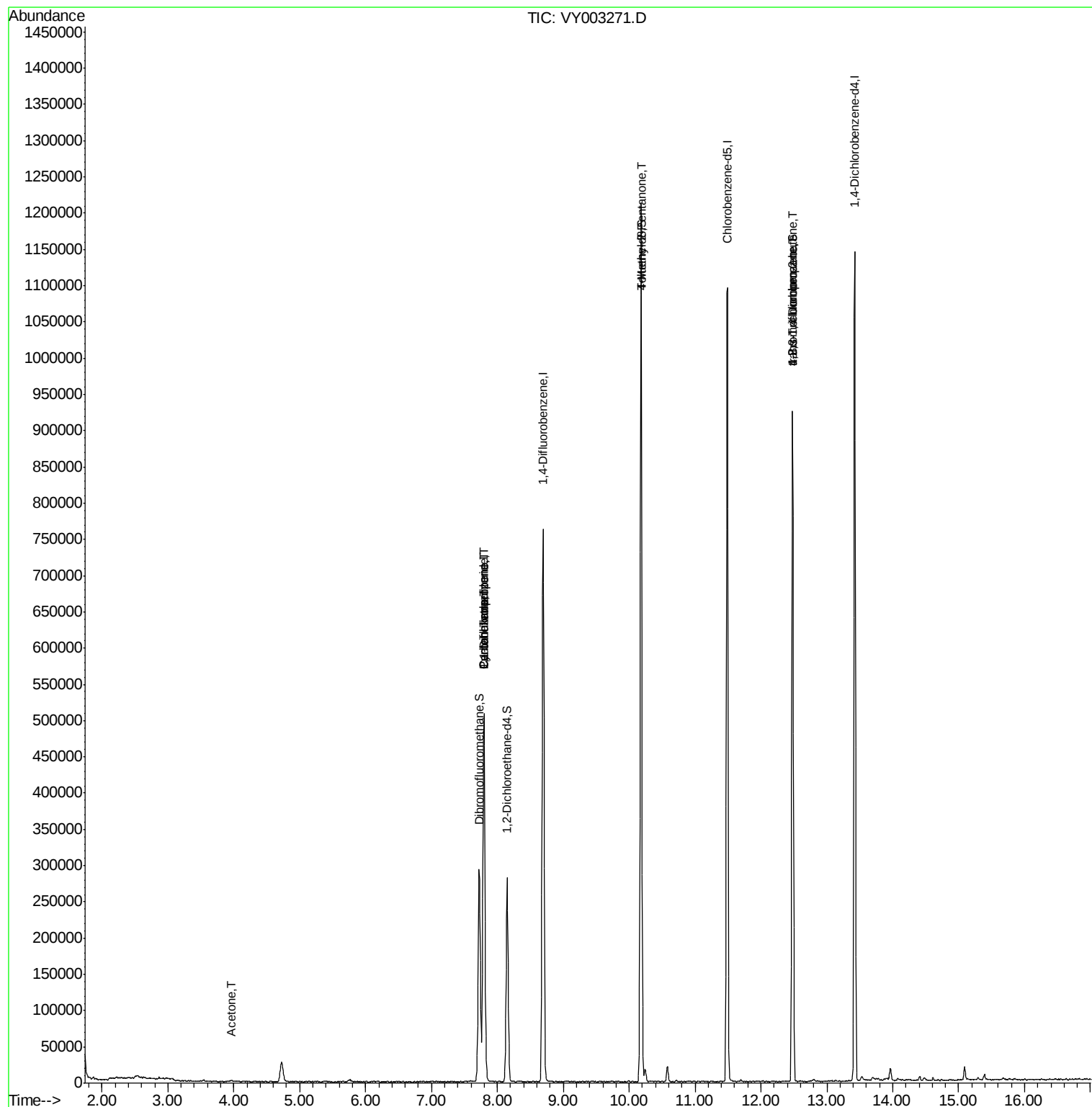
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	420954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	654860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	614088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	302877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	215459	60.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.28%	
35) Dibromofluoromethane	7.72	113	206848	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
50) Toluene-d8	10.18	98	794192	56.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.36%	
62) 4-Bromofluorobenzene	12.48	95	256019	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2699	3.401	ug/l #	87
20) Methylene Chloride	4.72	84	20526	Below Cal		97
31) Cyclohexane	7.79	56	7878	1.219	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	28586	4.816	ug/l #	50
38) Carbon Tetrachloride	7.80	117	37645	6.144	ug/l #	18
51) 4-Methyl-2-Pentanone	10.17	43	3318	1.032	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	132594	49.457	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	132594	96.253	ug/l #	13

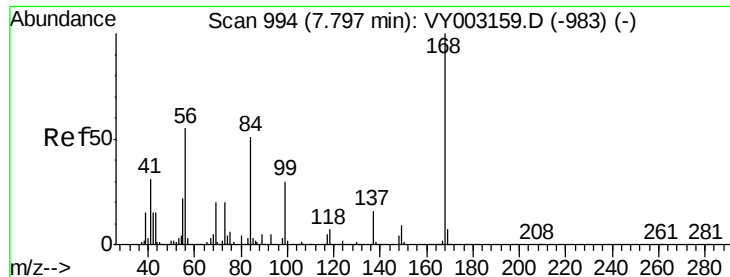
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampleId :

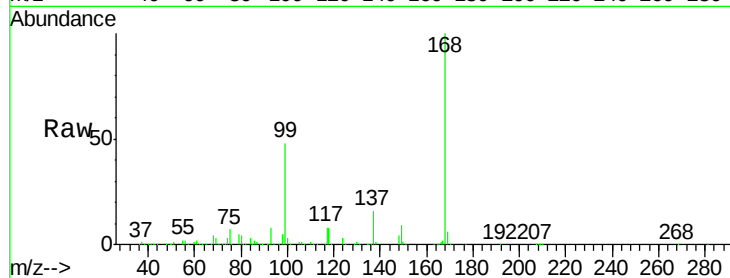
SP-2A

Tot Ion:168 Resp: 420954

Ion Ratio Lower Upper

168 100

99 47.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003271.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003271.D (-945) (-)

7.80

200000

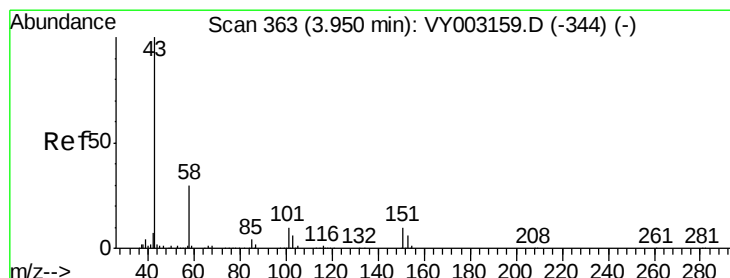
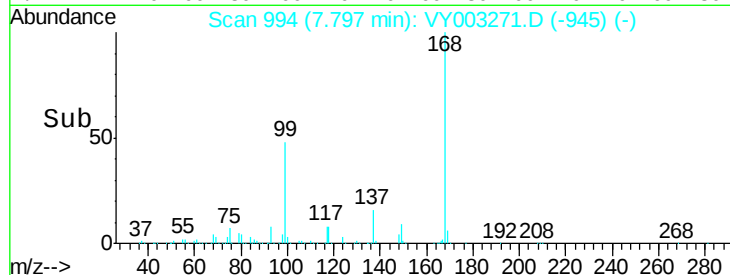
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.401 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003271.D

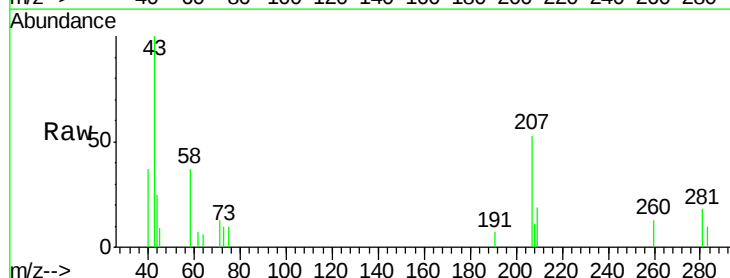
Acq: 22 Jul 2020 00:02

Tgt Ion: 43 Resp: 2699

Ion Ratio Lower Upper

43 100

58 36.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003271.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003271.D (-314) (-)

3.96

1000

800

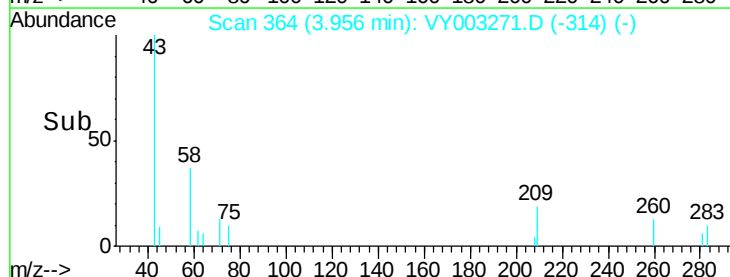
600

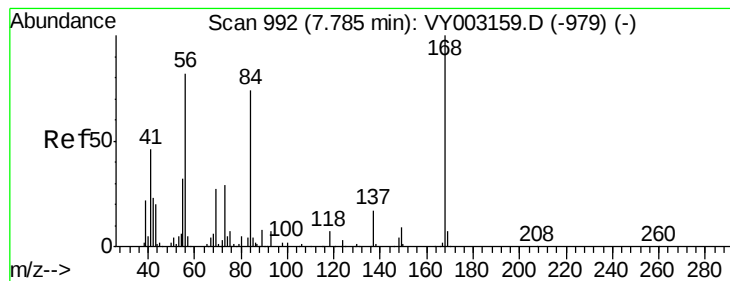
400

200

0

Time-->





#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2A

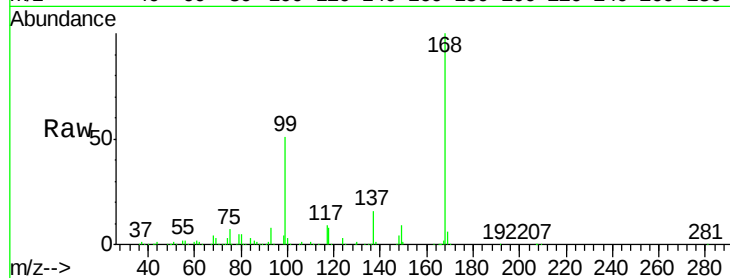
Tot Ion: 56 Resp: 7878

Ion Ratio Lower Upper

56 100

69 157.1 26.7 40.1#

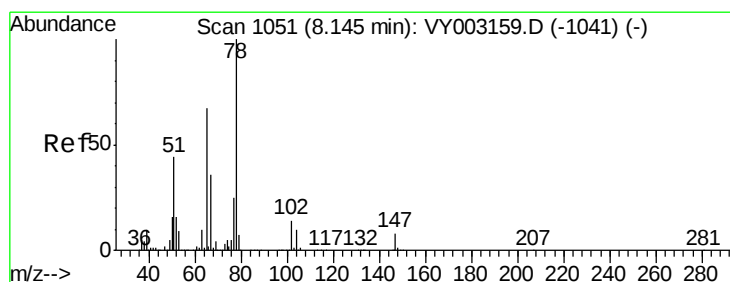
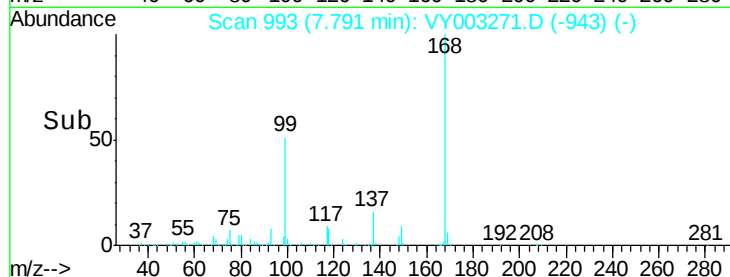
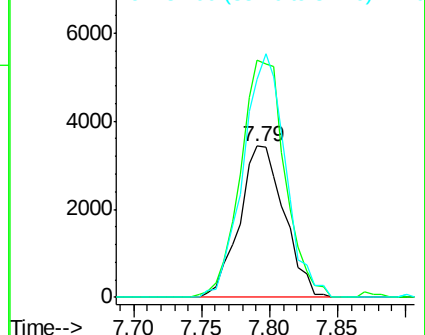
84 144.8 72.3 108.5#



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: 60.641 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003271.D

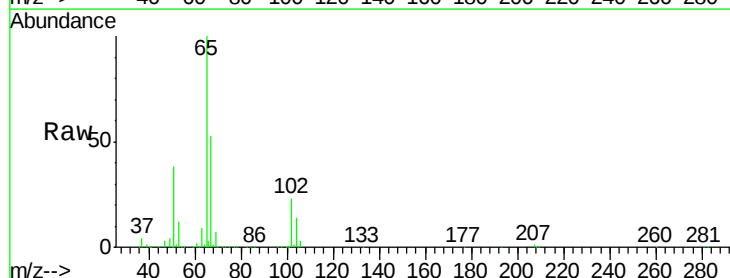
Acq: 22 Jul 2020 00:02

Tgt Ion: 65 Resp: 215459

Ion Ratio Lower Upper

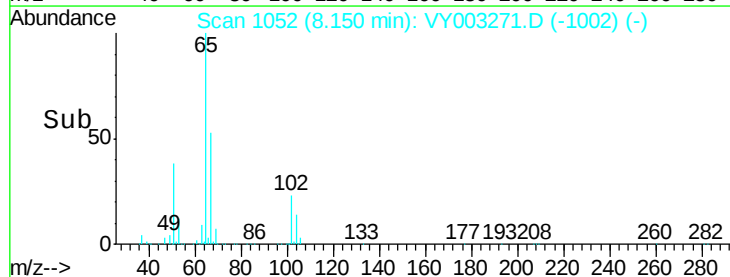
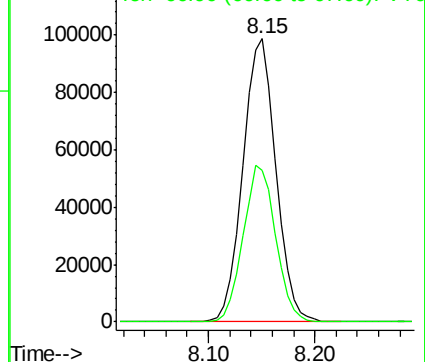
65 100

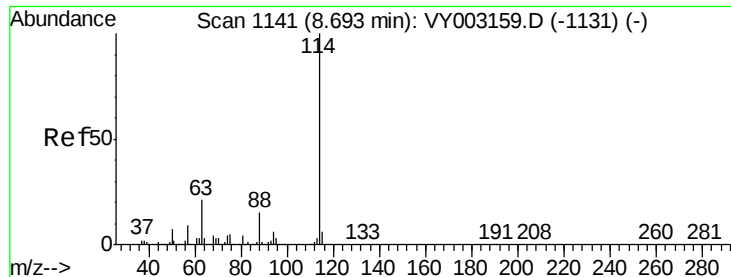
67 54.5 0.0 105.2



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: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2A

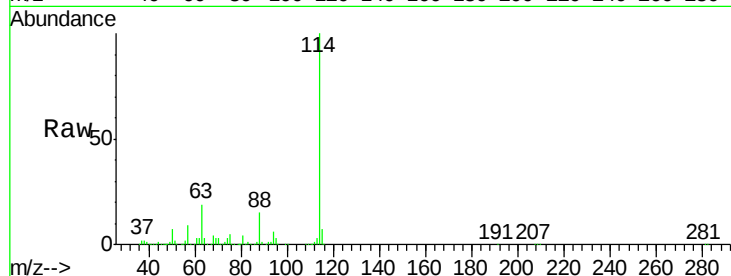
Tot Ion:114 Resp: 654860

Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.2

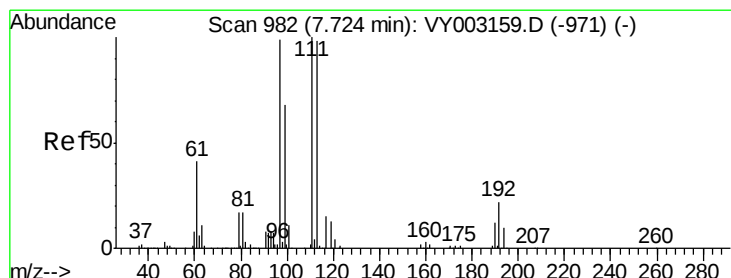
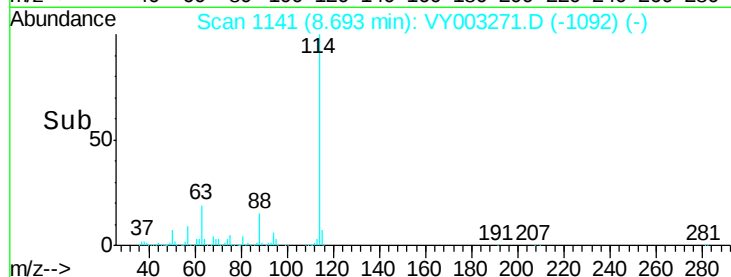
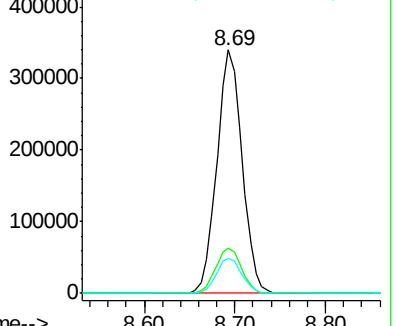
88 14.6 0.0 30.2



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: 54.888 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

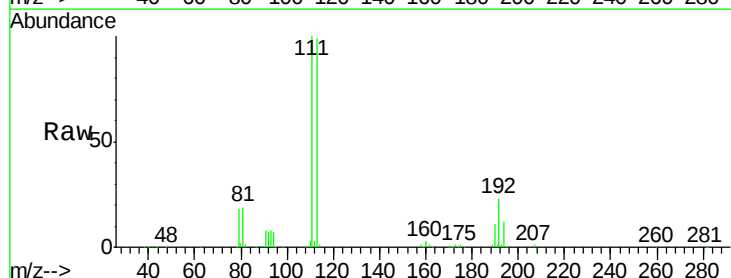
Tgt Ion:113 Resp: 206848

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

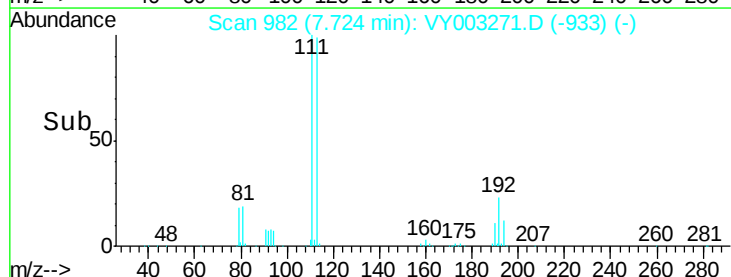
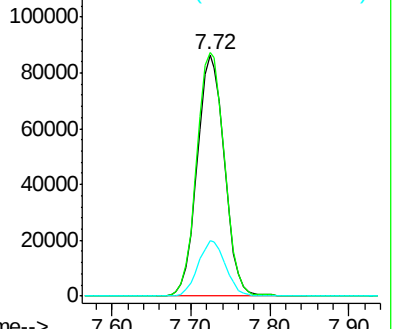
192 23.2 18.8 28.2

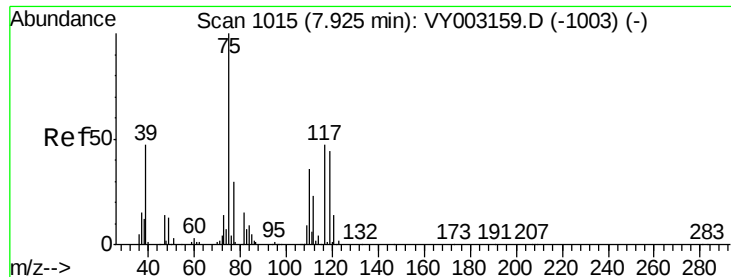


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2A

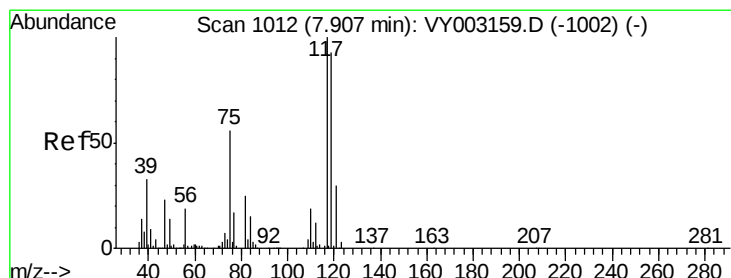
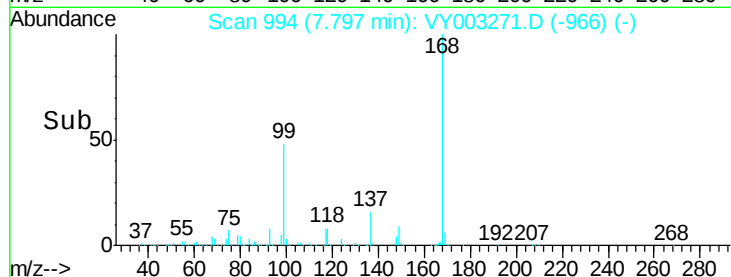
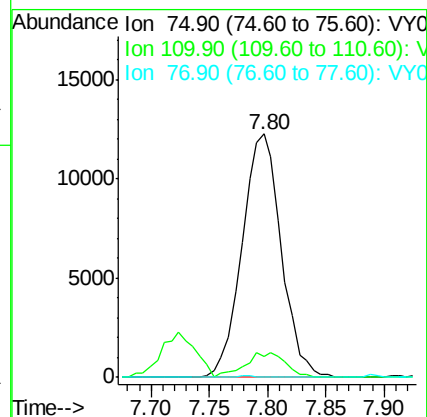
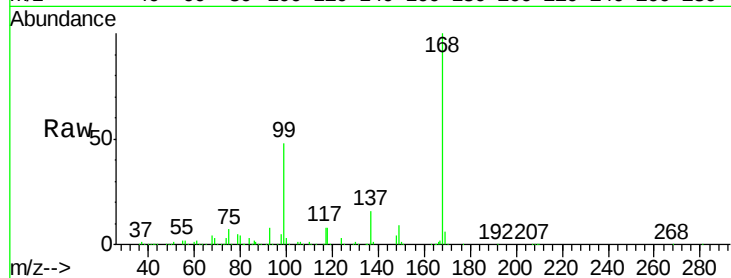
Tot Ion: 75 Resp: 28586

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.144 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

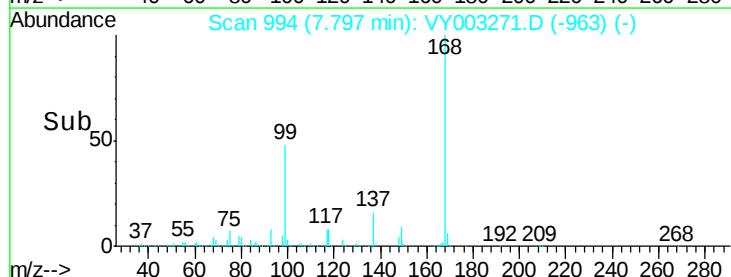
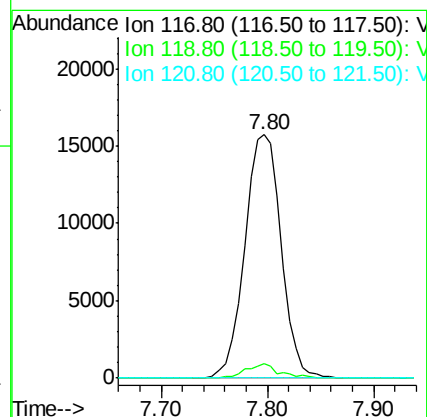
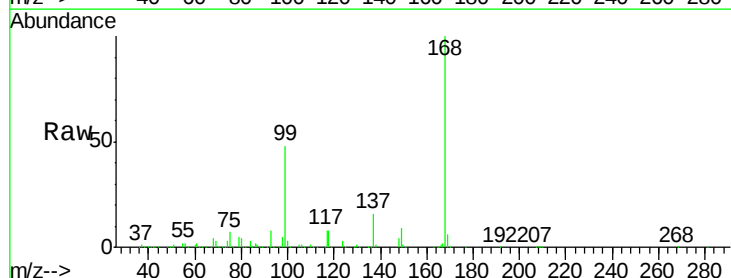
Tgt Ion: 117 Resp: 37645

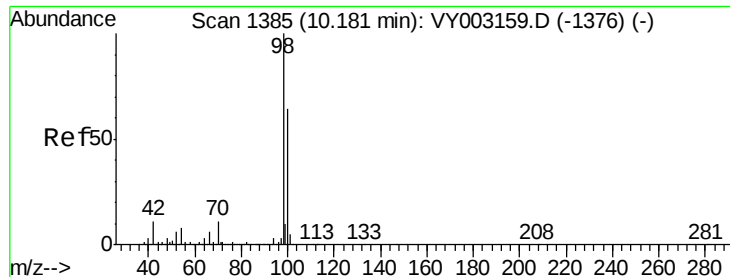
Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 56.684 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampled :

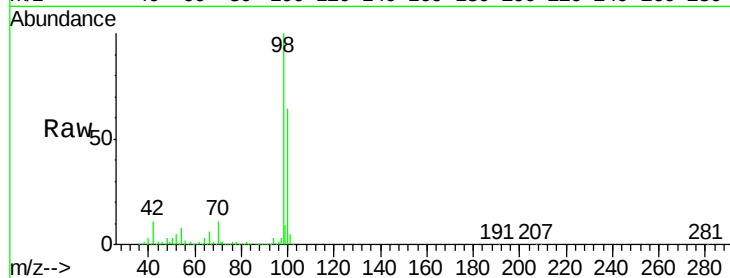
SP-2A

Tot Ion: 98 Resp: 794192

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

500000

400000

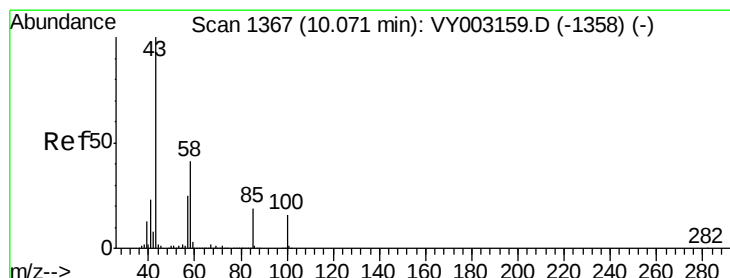
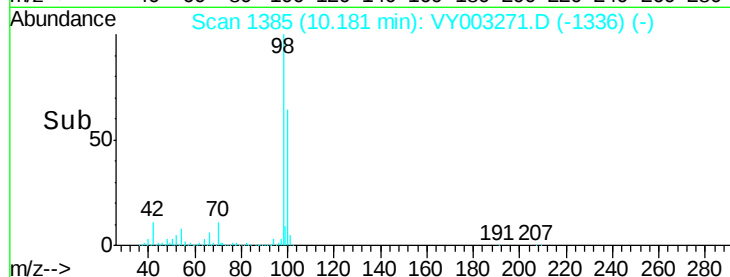
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.032 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003271.D

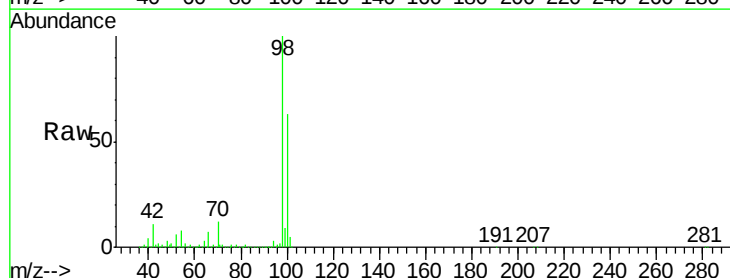
Acq: 22 Jul 2020 00:02

Tgt Ion: 43 Resp: 3318

Ion Ratio Lower Upper

43 100

58 190.7 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

4000

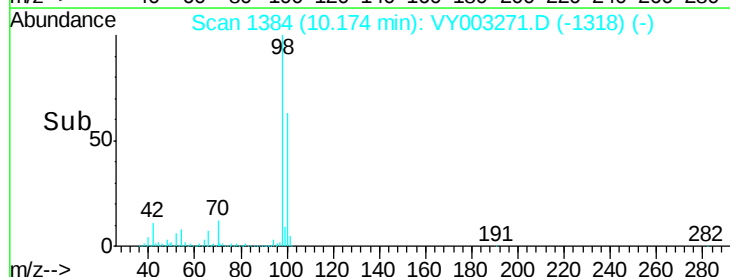
3000

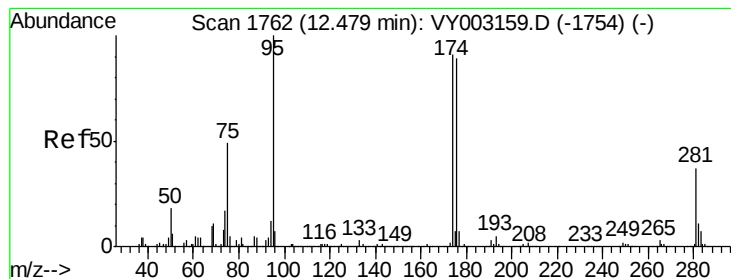
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.581 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2A

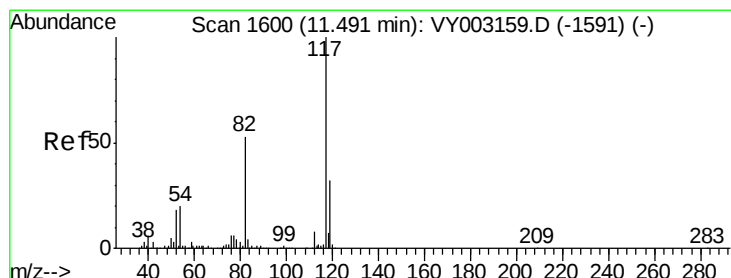
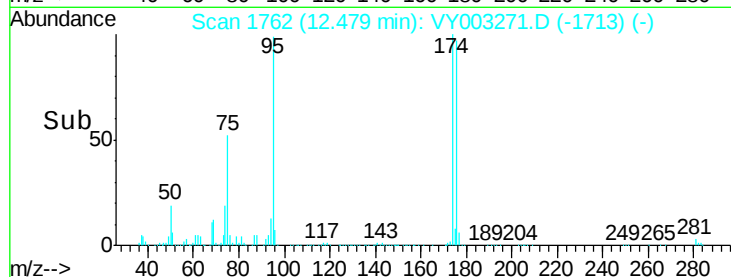
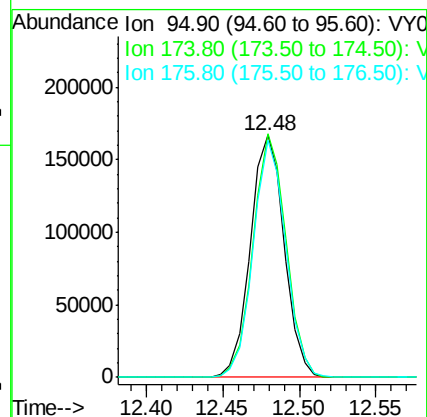
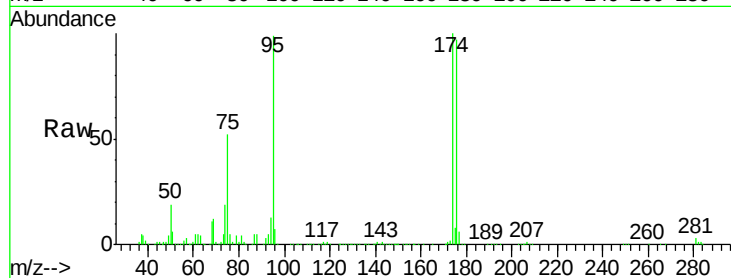
Tot Ion: 95 Resp: 256019

Ion Ratio Lower Upper

95 100

174 98.3 0.0 190.6

176 94.6 0.0 186.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

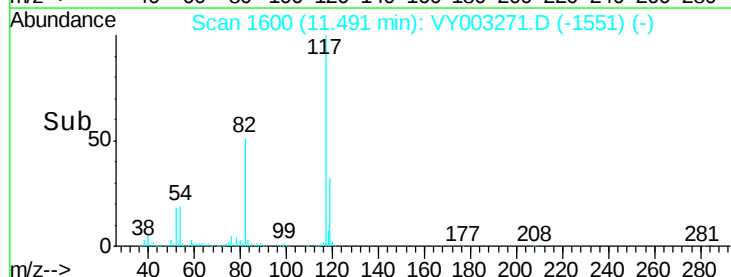
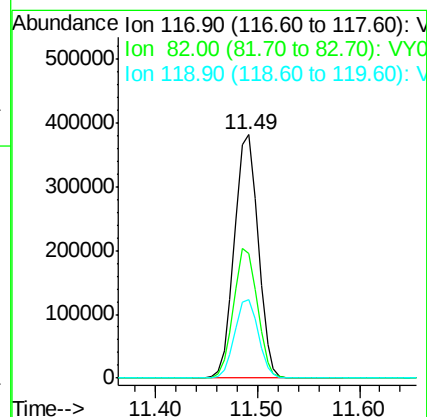
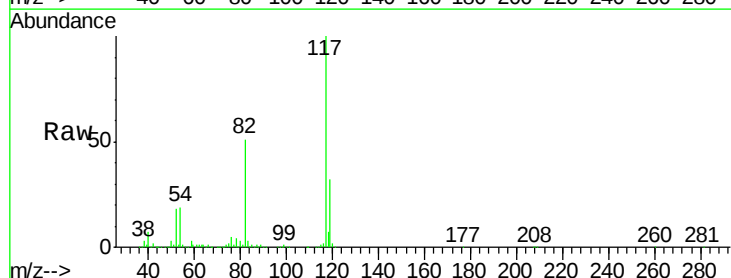
Tgt Ion: 117 Resp: 614088

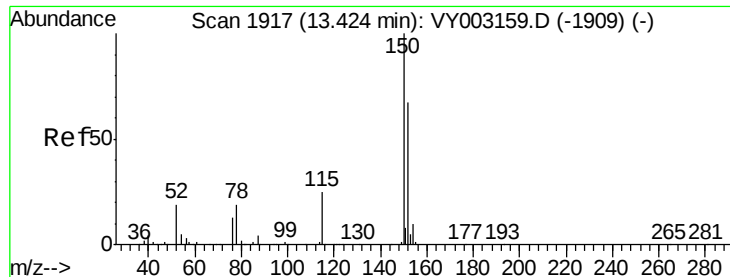
Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

119 32.1 25.5 38.3



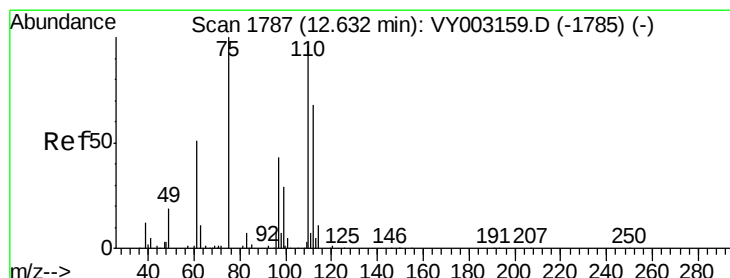
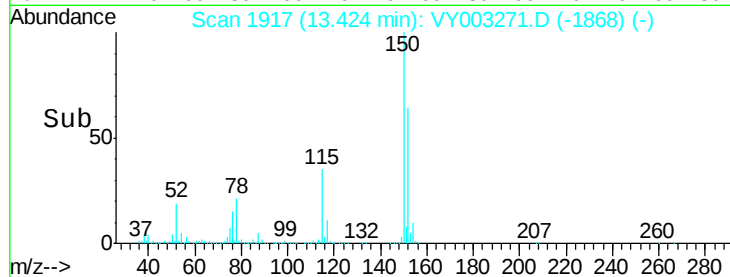
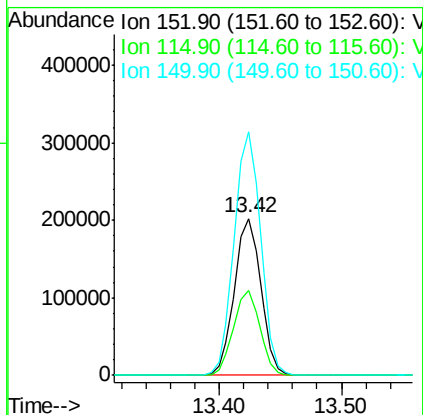
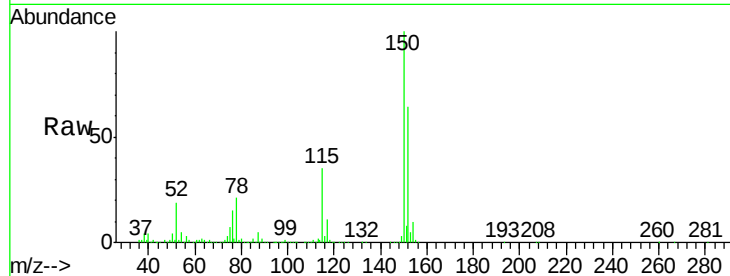


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003271.D
Acq: 22 Jul 2020 00:02

Instrument :
MSVOA_Y
ClientSampled :
SP-2A

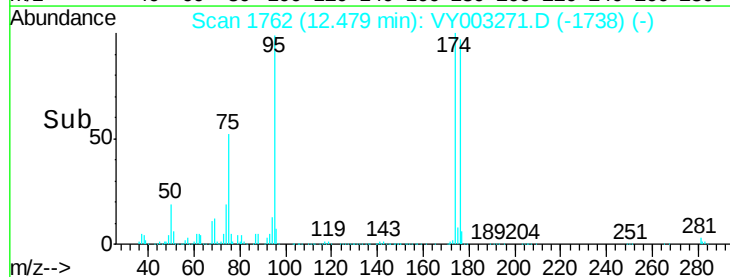
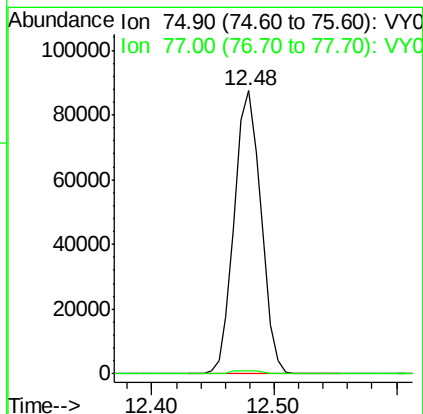
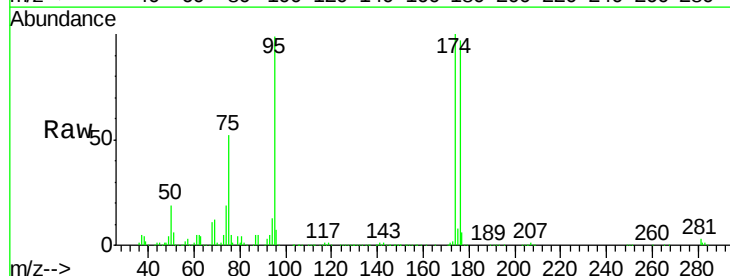
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.7
150	155.1	0.0	338.0

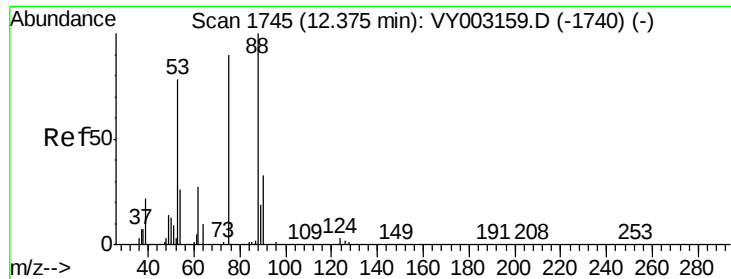


#76

1,2,3-Trichloropropane
Concen: 49.457 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003271.D
Acq: 22 Jul 2020 00:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 96.253 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003271.D

Acq: 22 Jul 2020 00:02

Instrument :

MSVOA_Y

ClientSampleId :

SP-2A

Tot Ion: 75 Resp: 132594

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.1 37.3 55.9#

