

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002046.D
 Acq On : 24 Mar 2020 13:34
 Operator : SY/MD
 Sample : L2020-02
 Misc : 6.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5TH-STREET-SUB

Quant Time: Mar 24 15:19:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	87335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	125236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	79317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	29088	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	24037	25.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.56%	
35) Dibromofluoromethane	7.74	113	28822	42.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.30%	
50) Toluene-d8	10.19	98	138967	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.49	95	31490	31.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.82%	

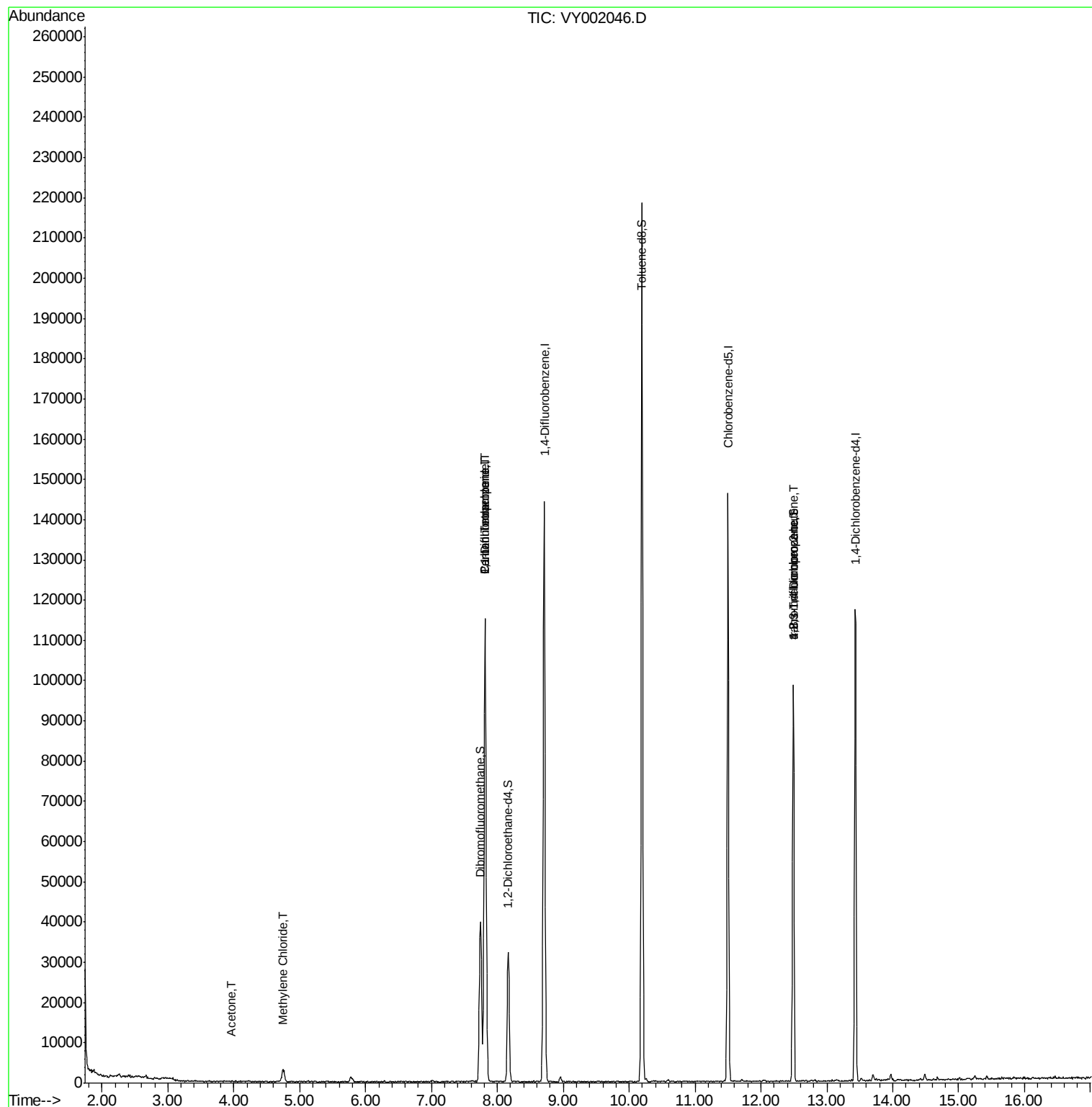
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	383	1.41	ug/l #	42
20) Methylene Chloride	4.75	84	2106	1.81	ug/l	90
36) 1,1-Dichloropropene	7.81	75	7560	6.27	ug/l #	49
38) Carbon Tetrachloride	7.82	117	9094	8.83	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	15918	46.12	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	15918	93.16	ug/l #	17

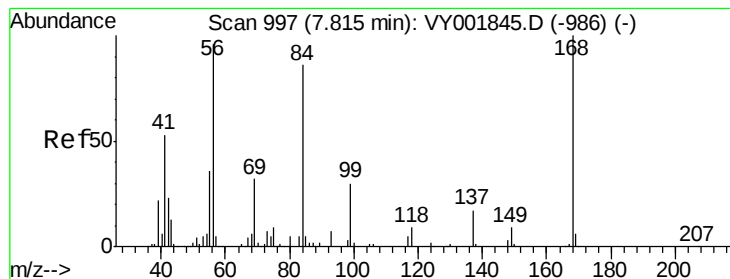
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

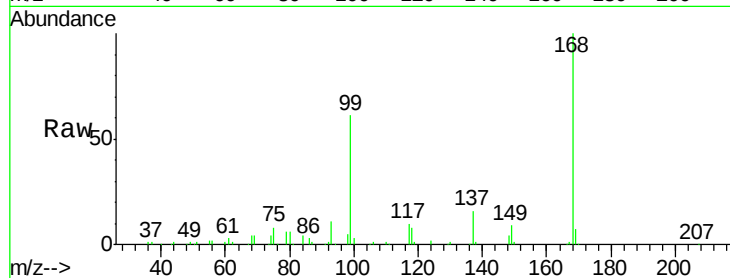
5TH-STREET-SUB

Tgt Ion:168 Resp: 87335

Ion Ratio Lower Upper

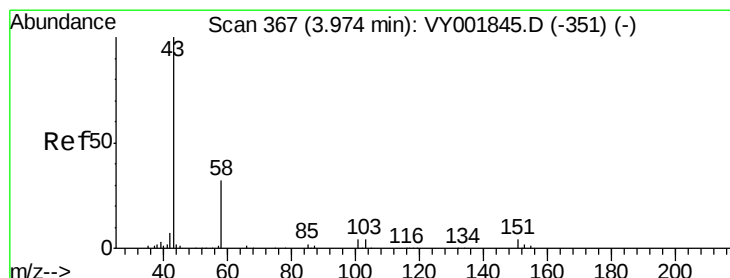
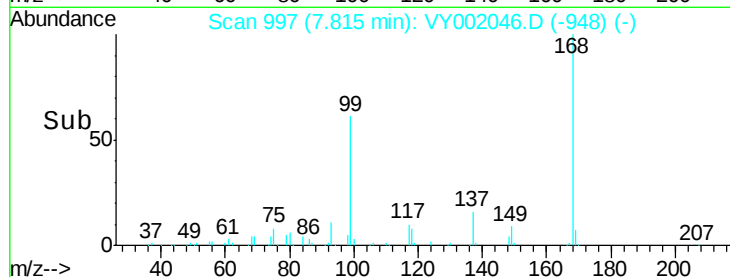
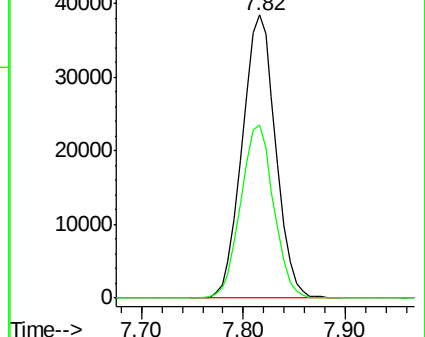
168 100

99 61.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 1.41 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002046.D

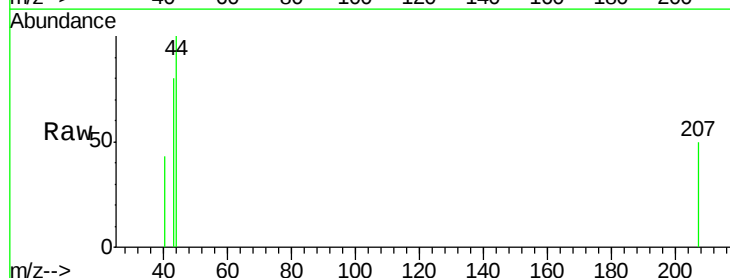
Acq: 24 Mar 2020 13:34

Tgt Ion: 43 Resp: 383

Ion Ratio Lower Upper

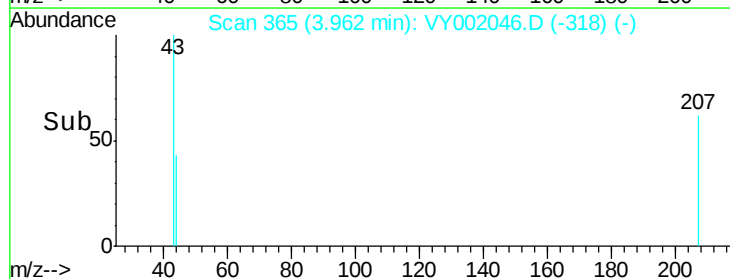
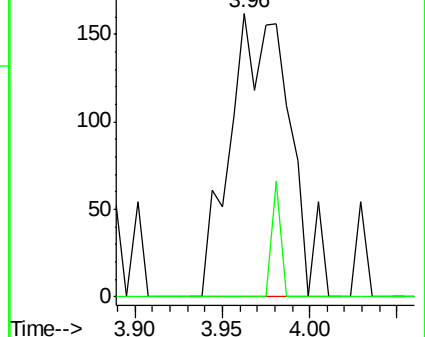
43 100

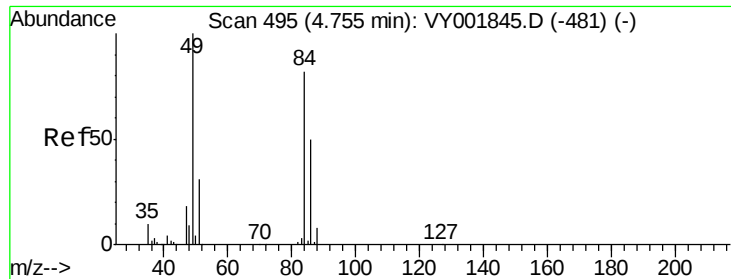
58 0.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

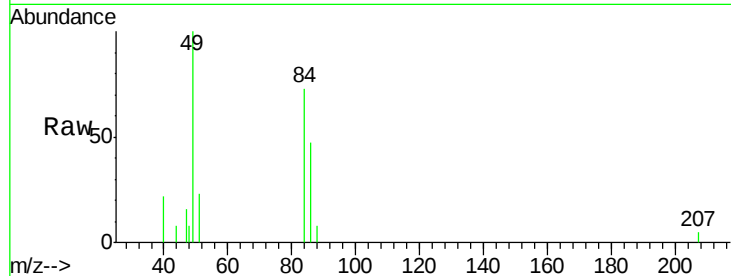




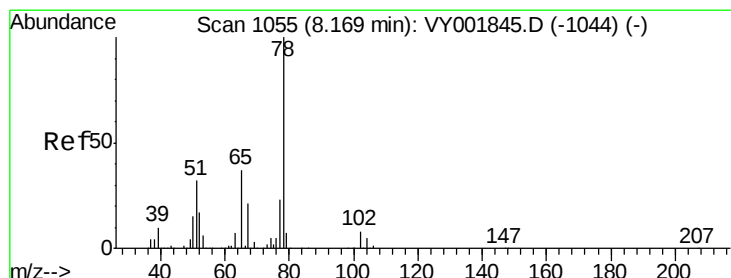
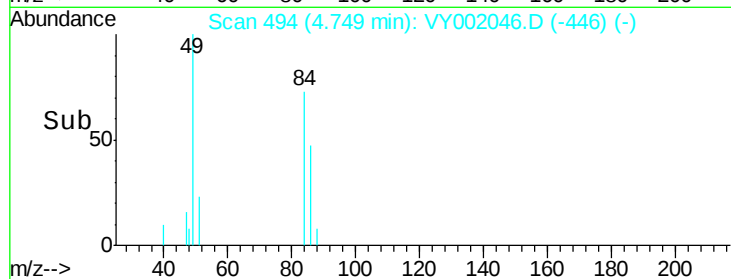
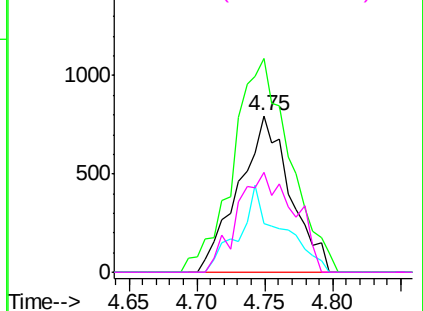
#20
Methylene Chloride
Concen: 1.81 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002046.D
Acq: 24 Mar 2020 13:34

Instrument :
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ClientSampleId :
5TH-STREET-SUB

Tgt Ion:	84	Resp:	2106
Ion	Ratio	Lower	Upper
84	100		
49	136.7	98.2	147.2
51	30.9	30.2	45.2
86	63.9	48.9	73.3

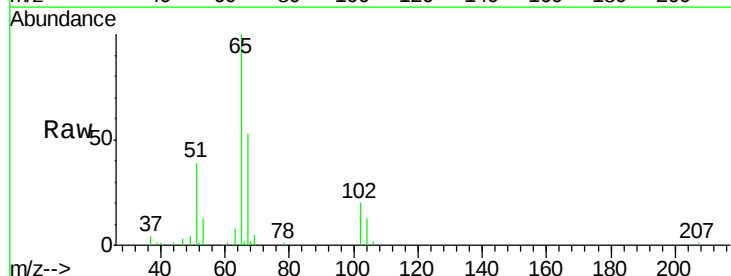


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

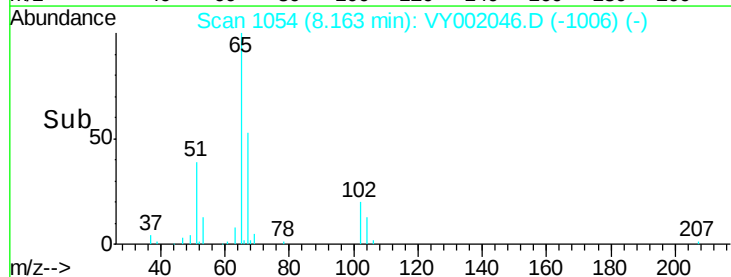
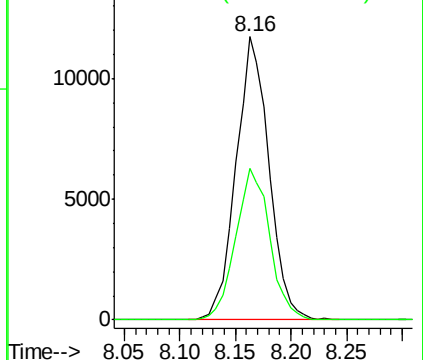


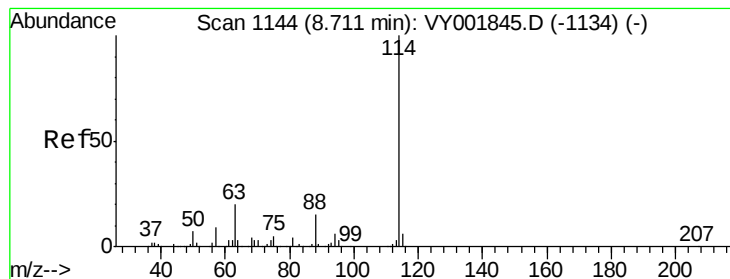
#33
1,2-Dichloroethane-d4
Concen: 25.78 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002046.D
Acq: 24 Mar 2020 13:34

Tgt Ion:	65	Resp:	24037
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUB

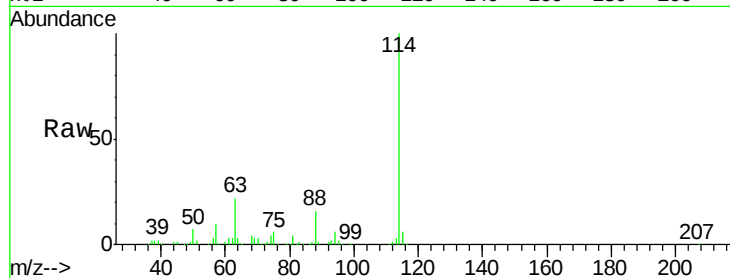
Tgt Ion:114 Resp: 125236

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.4

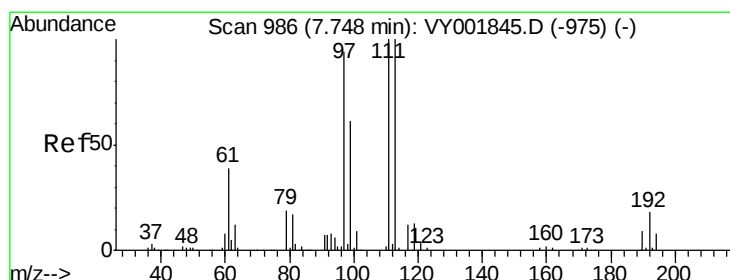
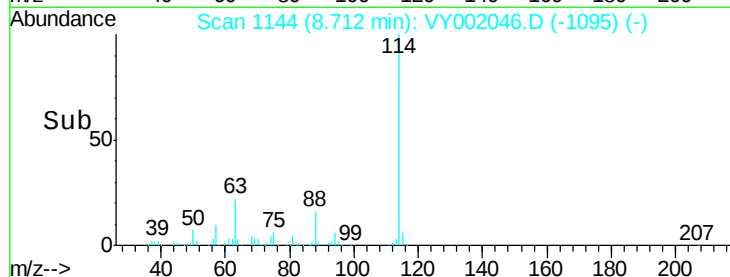
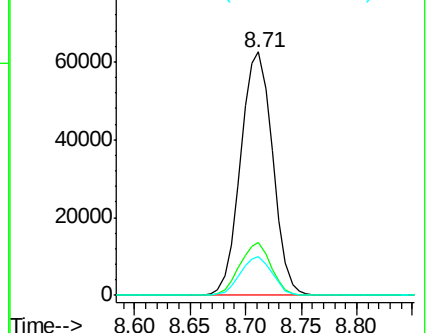
88 15.7 0.0 30.4



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: 42.15 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

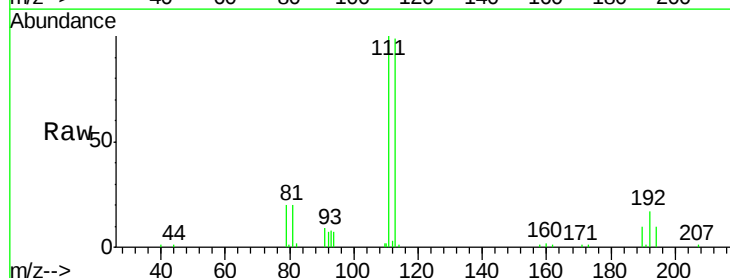
Tgt Ion:113 Resp: 28822

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

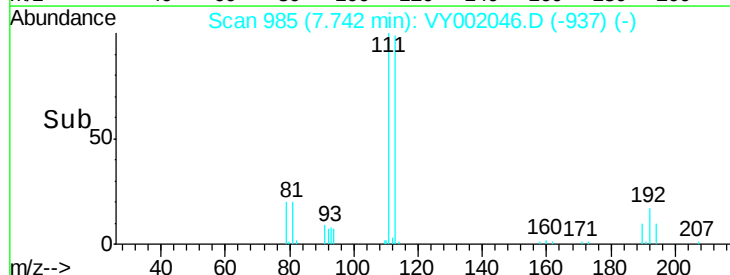
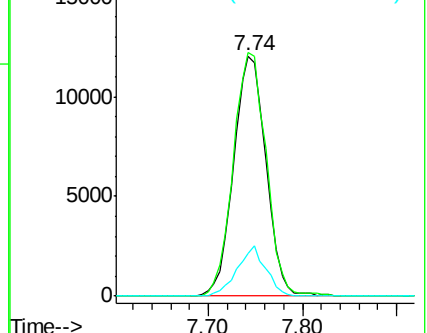
192 18.5 14.2 21.2

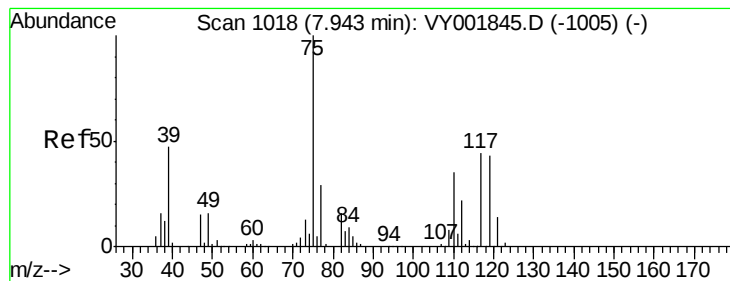


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 6.27 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUB

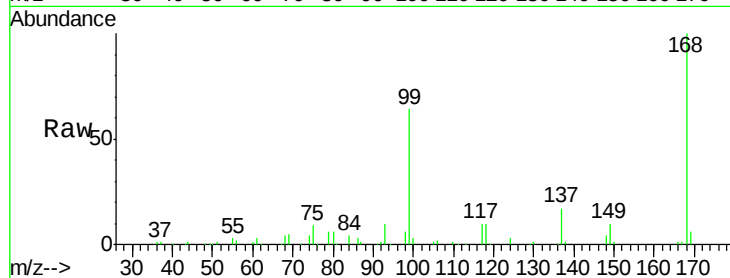
Tgt Ion: 75 Resp: 7560

Ion Ratio Lower Upper

75 100

110 7.8 17.4 52.2#

77 0.0 24.2 36.2#

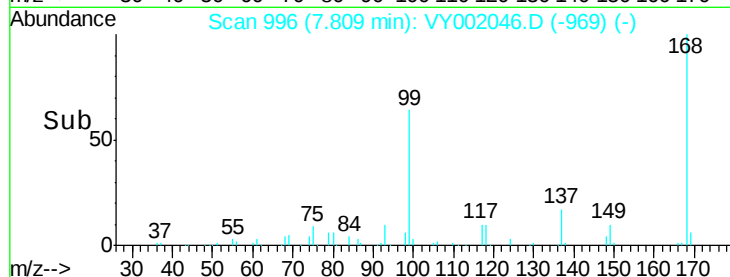


Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1005) (-)

Ion 109.90 (109.60 to 110.60): VY001845.D (-1005) (-)

Ion 76.90 (76.60 to 77.60): VY001845.D (-1005) (-)

Time-->

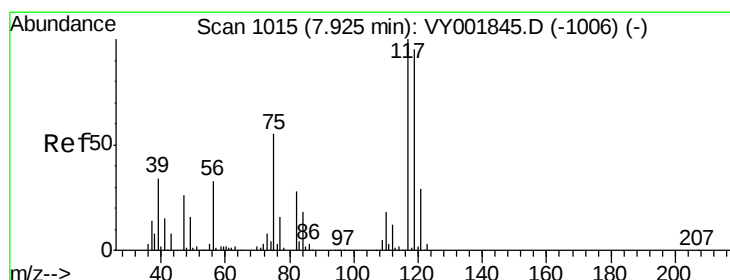


Abundance Ion 74.90 (74.60 to 75.60): VY002046.D (-969) (-)

Ion 109.90 (109.60 to 110.60): VY002046.D (-969) (-)

Ion 76.90 (76.60 to 77.60): VY002046.D (-969) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 8.83 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

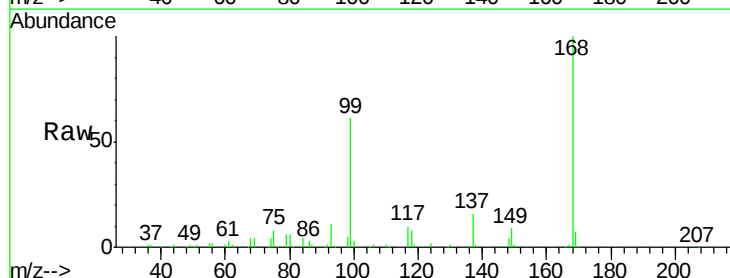
Tgt Ion: 117 Resp: 9094

Ion Ratio Lower Upper

117 100

119 5.3 76.3 114.5#

121 0.0 23.5 35.3#

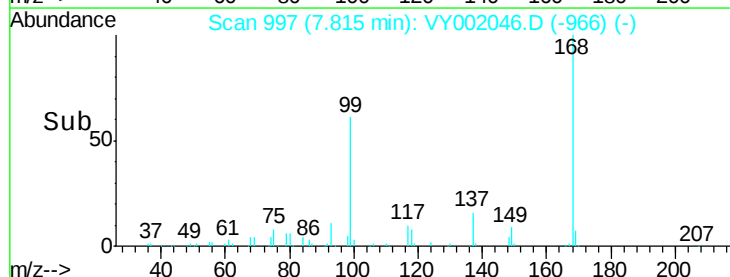


Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1006) (-)

Ion 118.80 (118.50 to 119.50): VY001845.D (-1006) (-)

Ion 120.80 (120.50 to 121.50): VY001845.D (-1006) (-)

Time-->

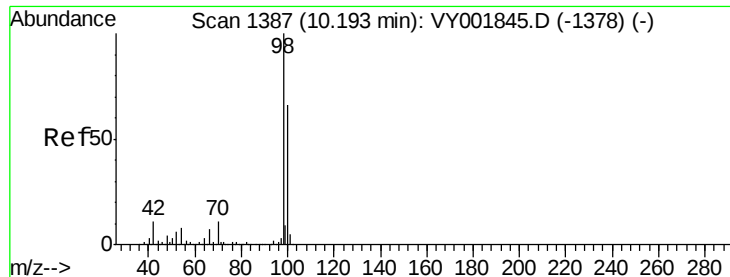


Abundance Ion 116.80 (116.50 to 117.50): VY002046.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY002046.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY002046.D (-966) (-)

Time-->



#50

Toluene-d8

Concen: 48.19 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

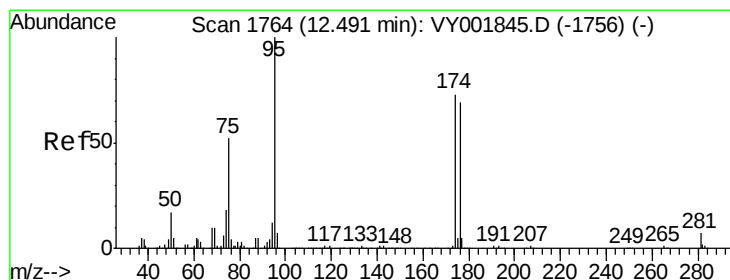
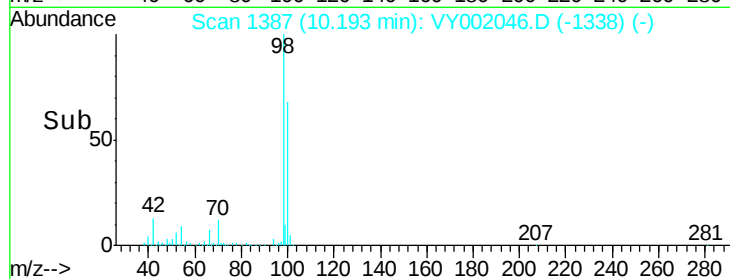
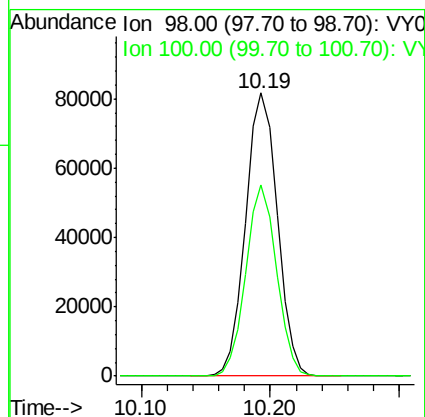
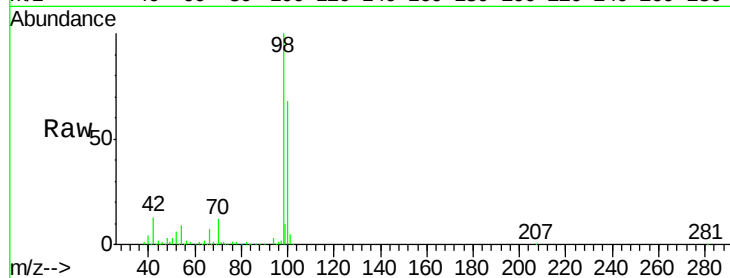
5TH-STREET-SUB

Tgt Ion: 98 Resp: 138967

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 31.41 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

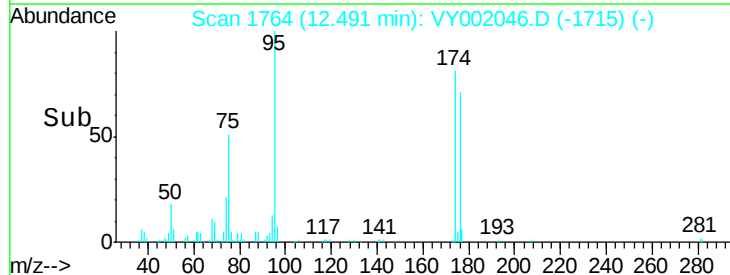
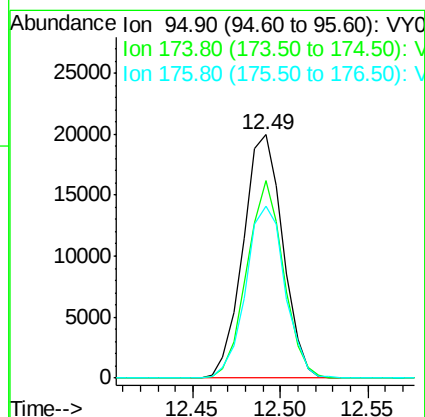
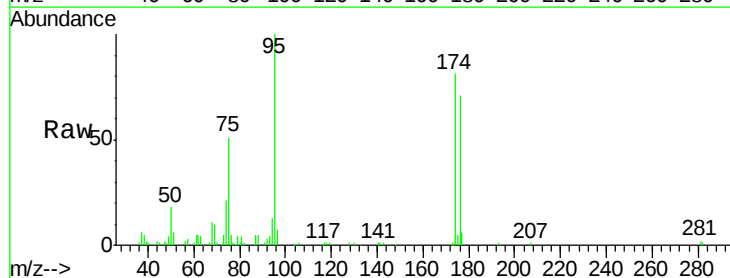
Tgt Ion: 95 Resp: 31490

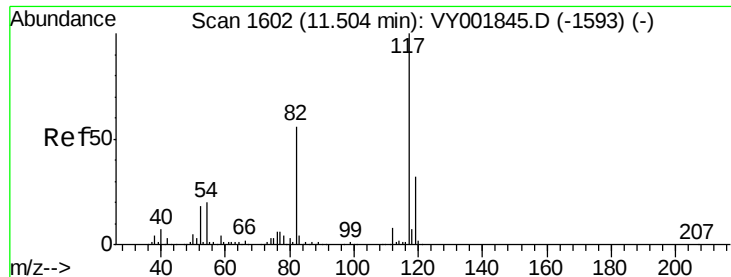
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.0

176 69.7 0.0 137.4

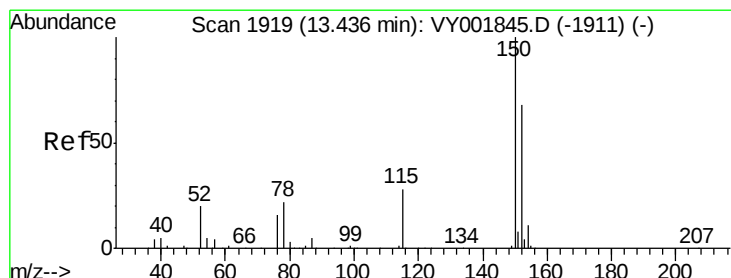
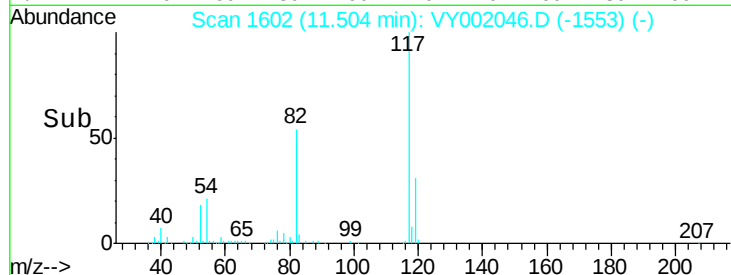
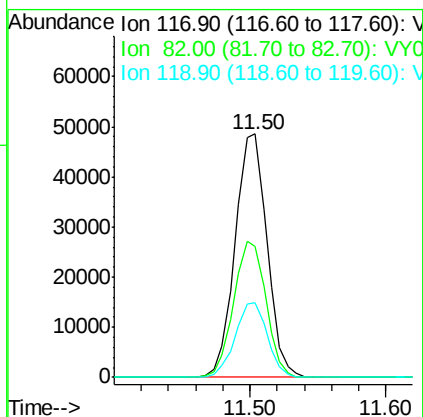
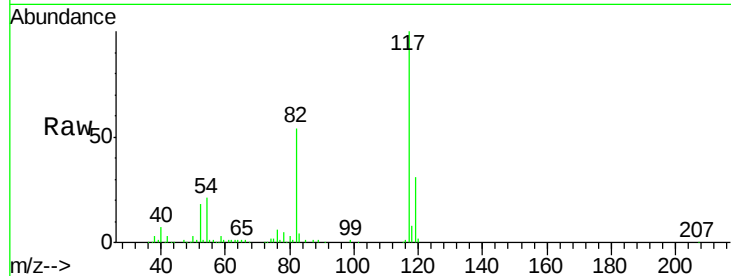




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002046.D
Acq: 24 Mar 2020 13:34

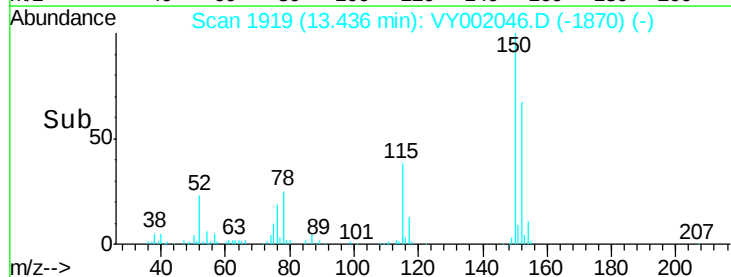
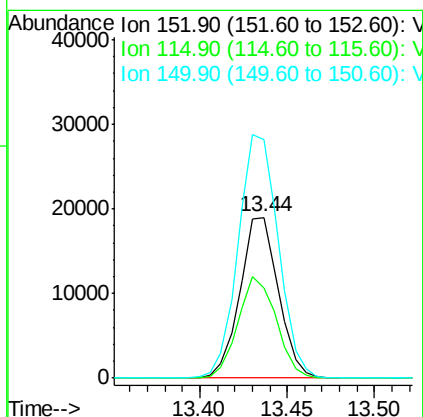
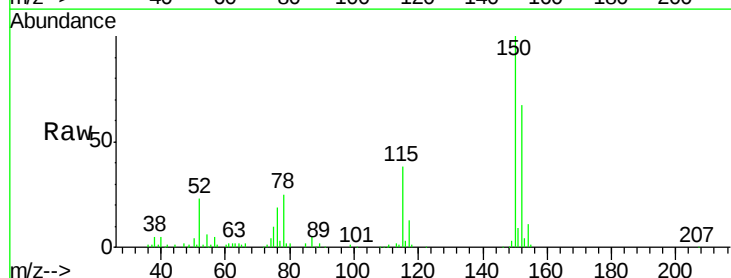
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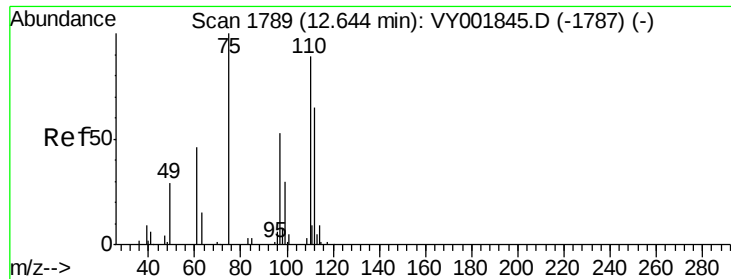
Tgt Ion:117 Resp: 79317
Ion Ratio Lower Upper
117 100
82 53.6 44.5 66.7
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002046.D
Acq: 24 Mar 2020 13:34

Tgt Ion:152 Resp: 29088
Ion Ratio Lower Upper
152 100
115 62.6 29.9 89.7
150 157.5 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 46.12 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

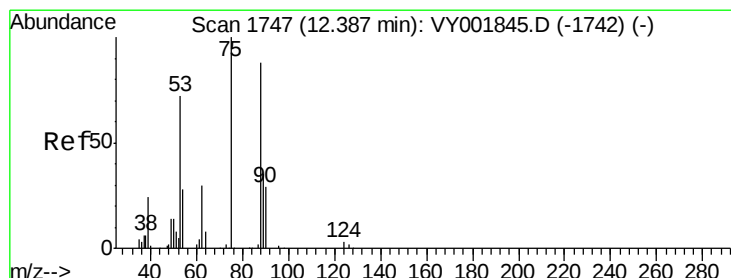
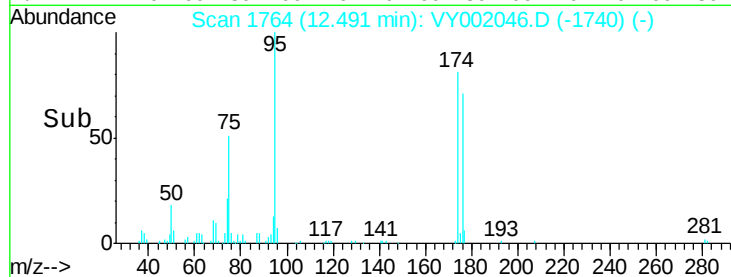
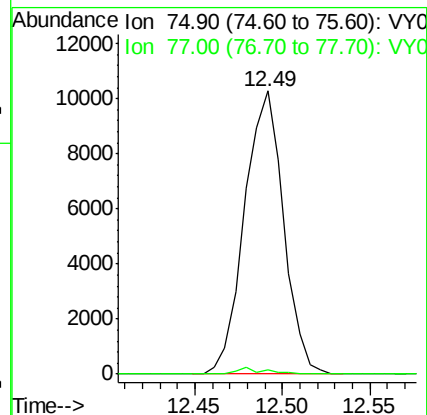
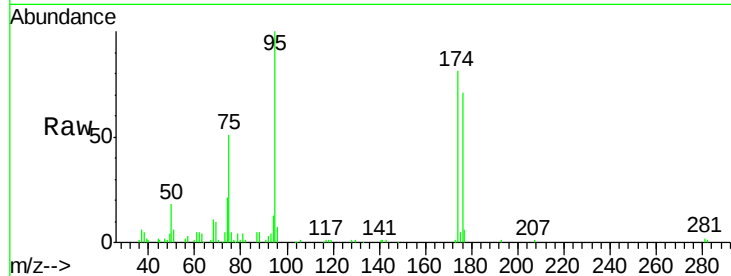
5TH-STREET-SUB

Tgt Ion: 75 Resp: 15918

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.16 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002046.D

Acq: 24 Mar 2020 13:34

Tgt Ion: 75 Resp: 15918

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

