

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015831.D
 Acq On : 09 Jul 2020 16:14
 Operator : SY/VA
 Sample : L3203-09RE
 Misc : 7.64G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20RE

Quant Time: Jul 10 05:44:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	3350	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	3793	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.63	117	2248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	447	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	2043	59.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.44%	
35) Dibromofluoromethane	7.89	113	1704	77.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	154.00%	
50) Toluene-d8	10.33	98	4597	54.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.63	95	632	20.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	40.52%	

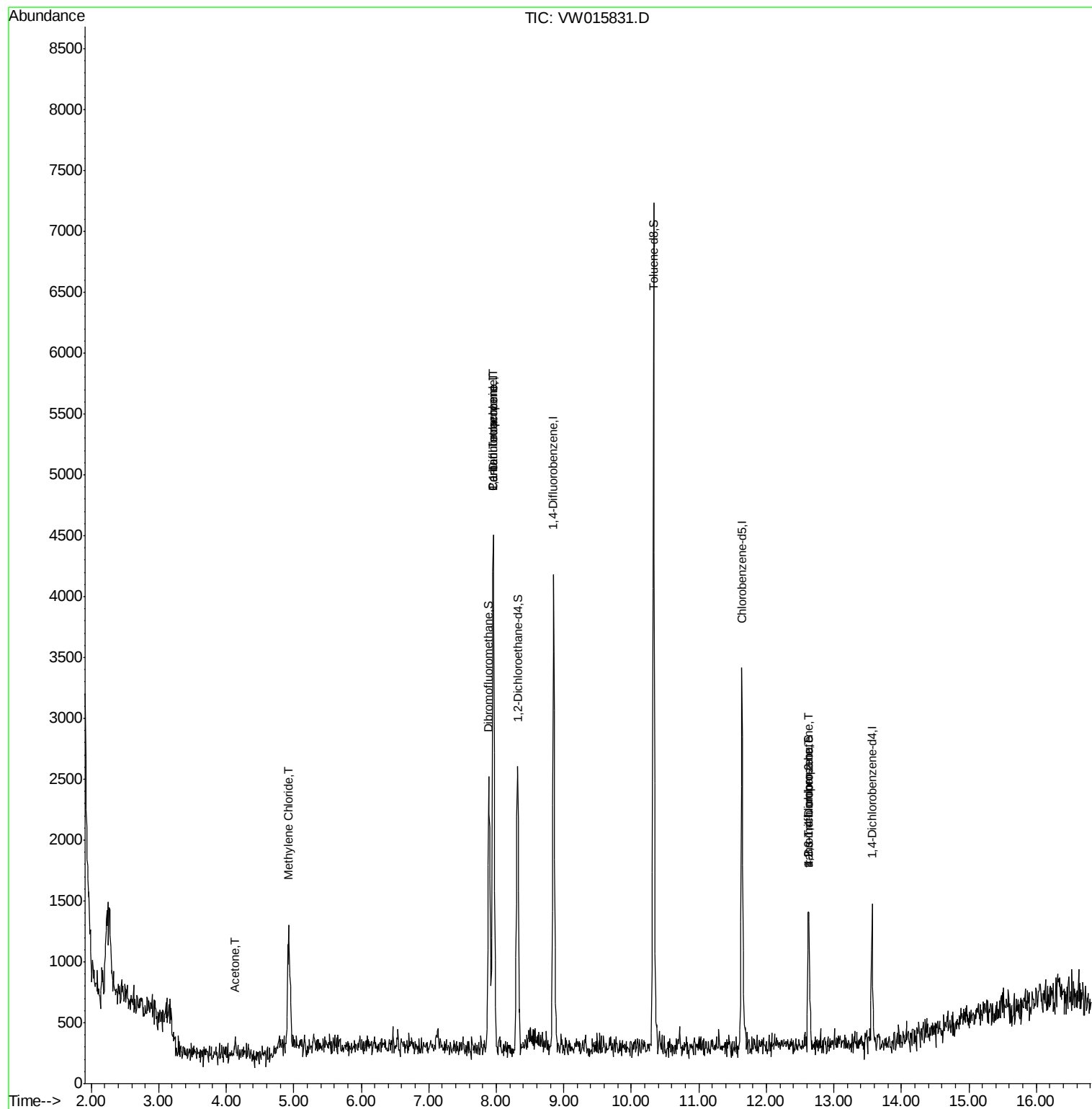
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	203	31.450	ug/l #	45
20) Methylene Chloride	4.92	84	700	18.214	ug/l #	79
36) 1,1-Dichloropropene	7.95	75	264	7.061	ug/l #	42
38) Carbon Tetrachloride	7.96	117	293	8.098	ug/l #	12
76) 1,2,3-Trichloropropane	12.63	75	262	66.692	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	262	143.701	ug/l #	7

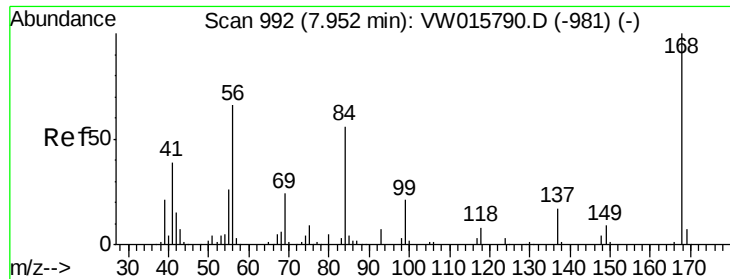
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070920\
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Instrument :
MSVOA_W
ClientSampleId :
RO-20RE

Quant Time: Jul 10 05:44:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

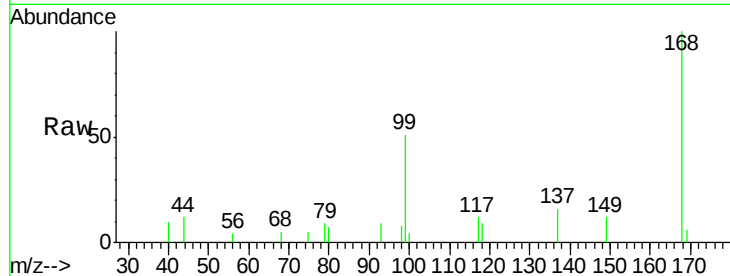
RO-20RE

Tot Ion:168 Resp: 3350

Ion Ratio Lower Upper

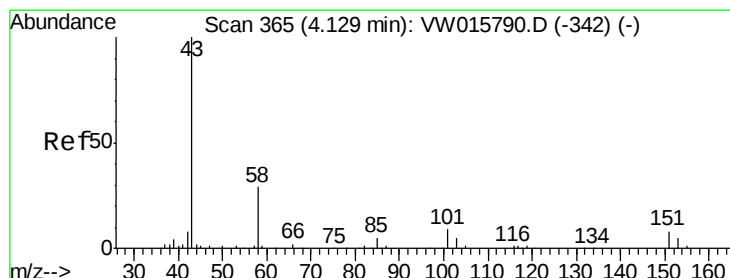
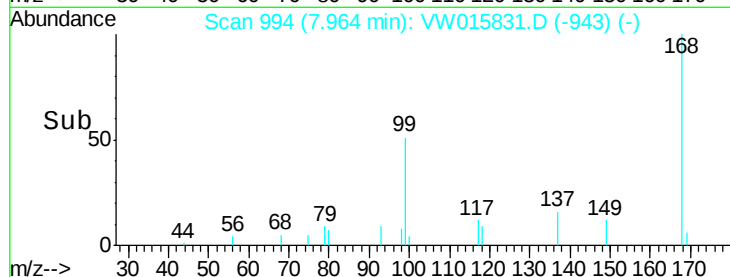
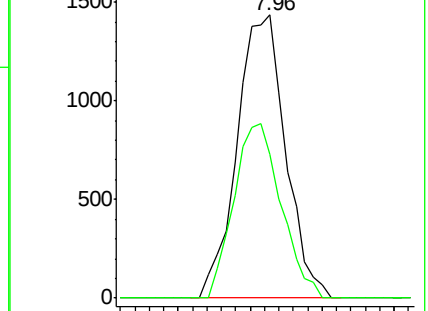
168 100

99 51.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.450 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015831.D

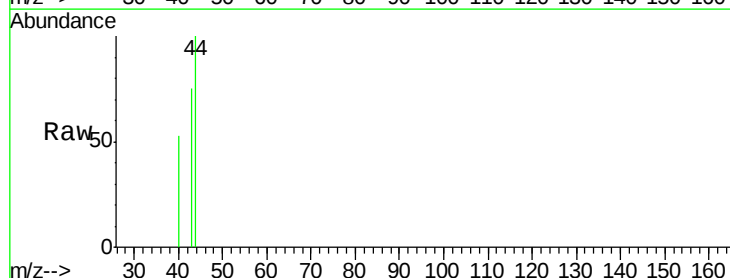
Acq: 09 Jul 2020 16:14

Tgt Ion: 43 Resp: 203

Ion Ratio Lower Upper

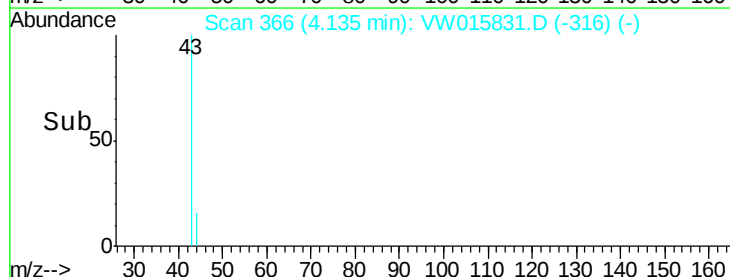
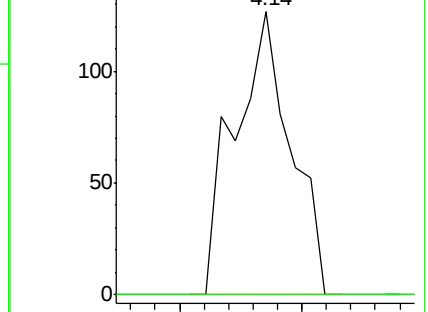
43 100

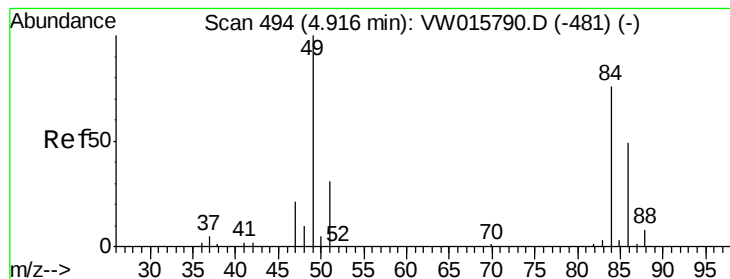
58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 18.214 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

RO-20RE

Tot Ion: 84 Resp: 700

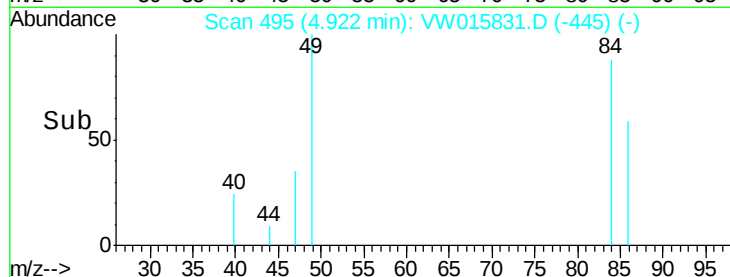
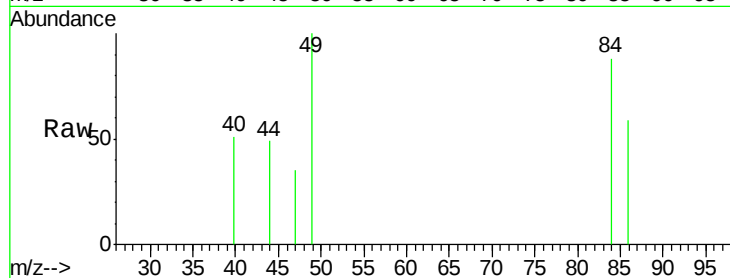
Ion Ratio Lower Upper

84 100

49 113.3 105.0 157.6

51 0.0 32.3 48.5#

86 66.5 51.2 76.8

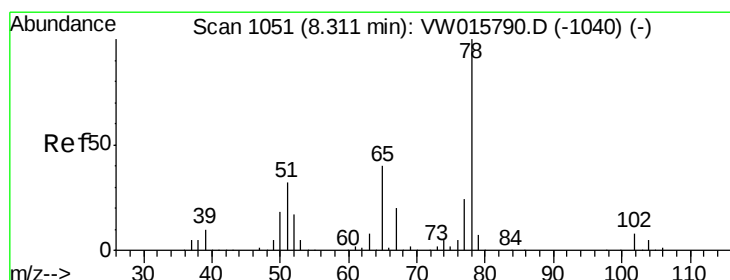
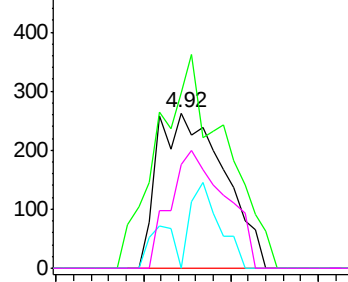


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.223 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015831.D

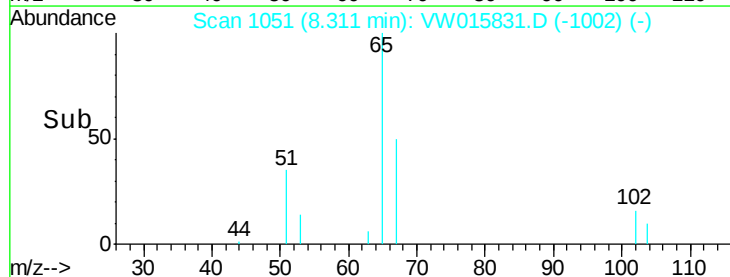
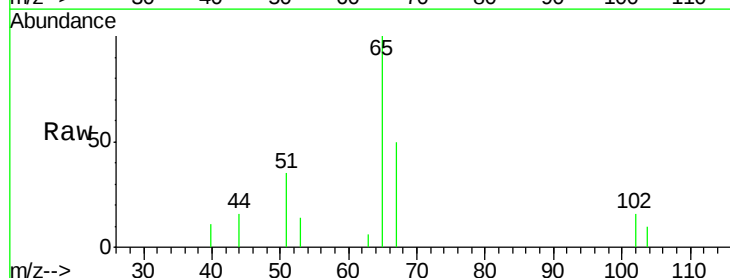
Acq: 09 Jul 2020 16:14

Tgt Ion: 65 Resp: 2043

Ion Ratio Lower Upper

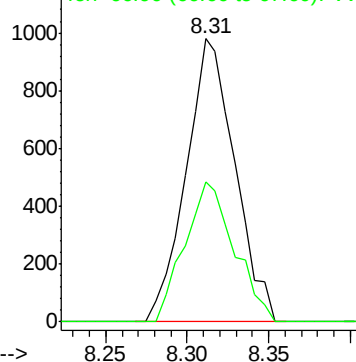
65 100

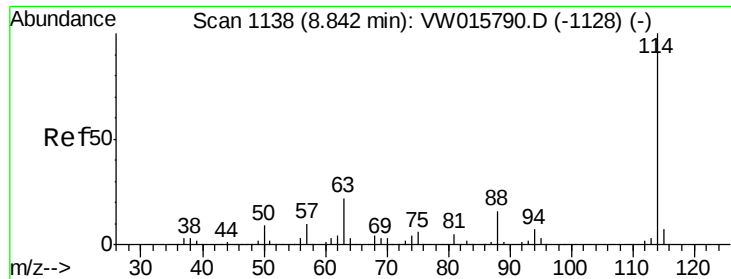
67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

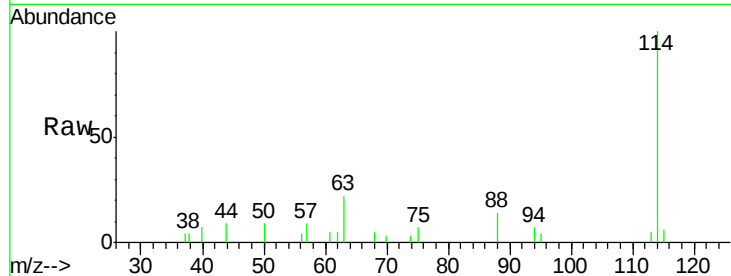




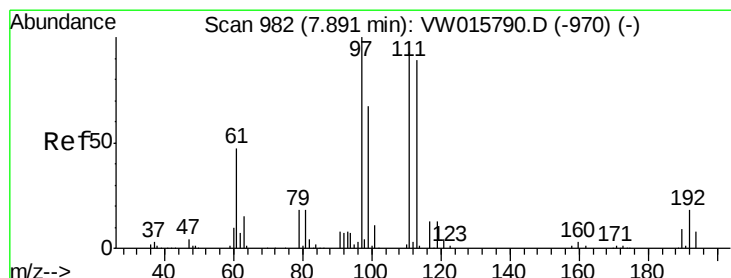
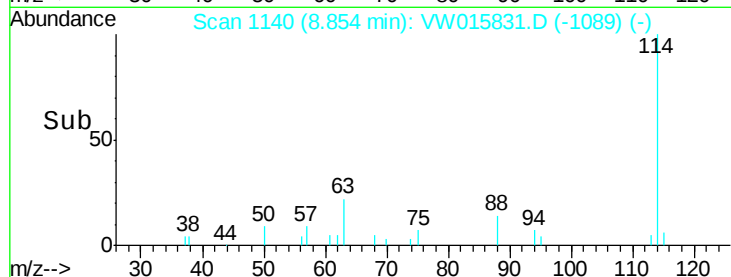
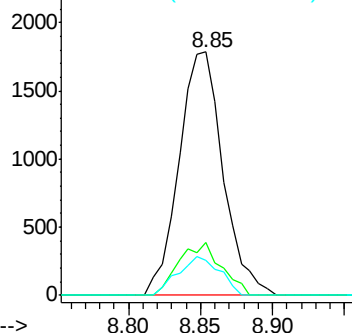
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW015831.D
 Acq: 09 Jul 2020 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20RE

Tot Ion:114 Resp: 3793
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.4
 88 14.4 0.0 32.6

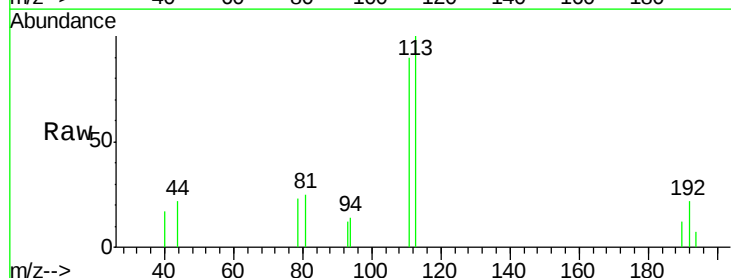


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

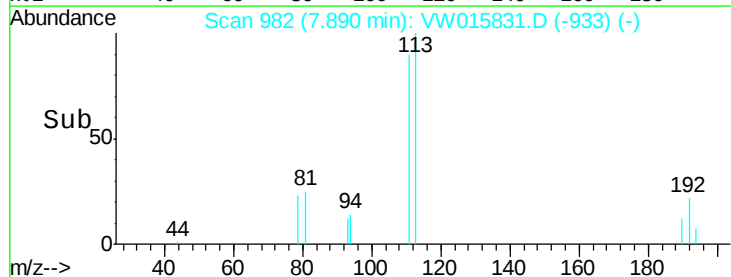
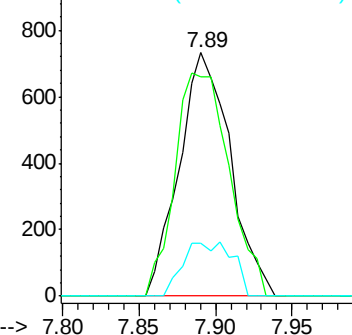


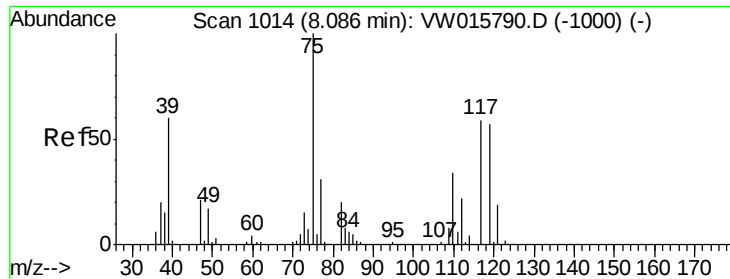
#35
 Dibromofluoromethane
 Concen: 77.003 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015831.D
 Acq: 09 Jul 2020 16:14

Tgt Ion:113 Resp: 1704
 Ion Ratio Lower Upper
 113 100
 111 97.1 82.8 124.2
 192 21.5 15.4 23.2



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

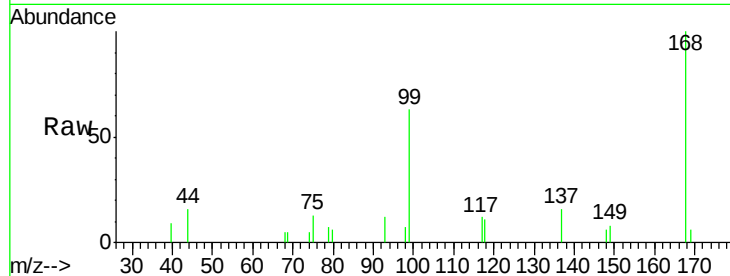




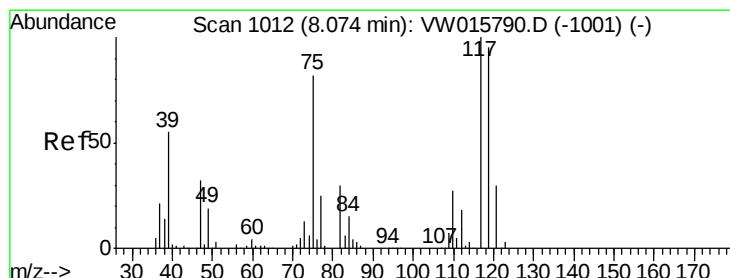
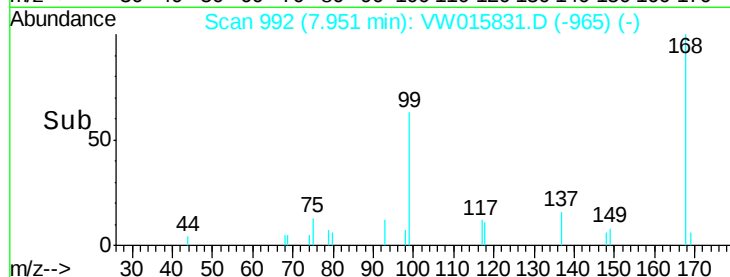
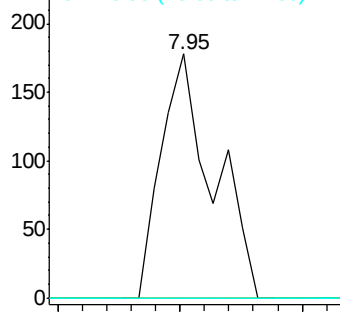
#36
 1,1-Dichloropropene
 Concen: 7.061 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015831.D
 Acq: 09 Jul 2020 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20RE

Tot Ion: 75 Resp: 264
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.8 50.3#
 77 0.0 24.7 37.1#

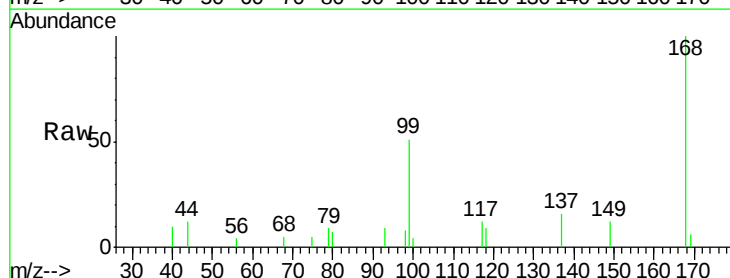


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

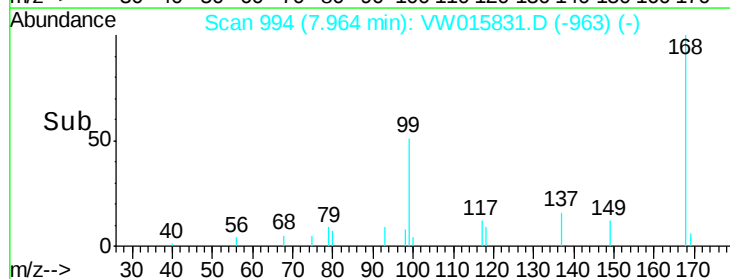
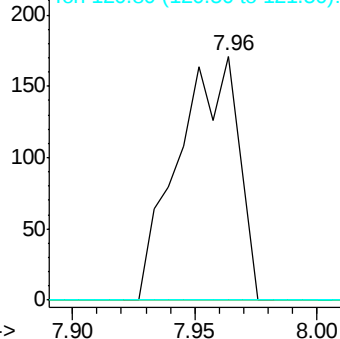


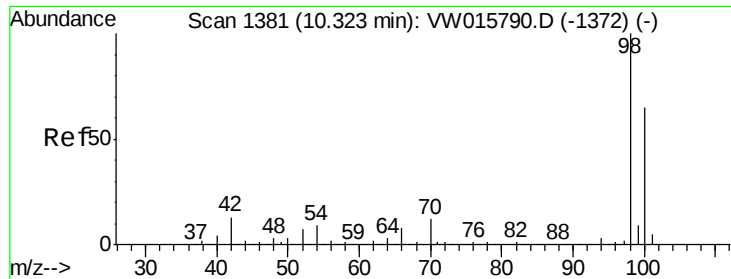
#38
 Carbon Tetrachloride
 Concen: 8.098 ug/l
 RT: 7.96 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VW015831.D
 Acq: 09 Jul 2020 16:14

Tgt Ion: 117 Resp: 293
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.3 114.5#
 121 0.0 24.0 36.0#



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: 54.082 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

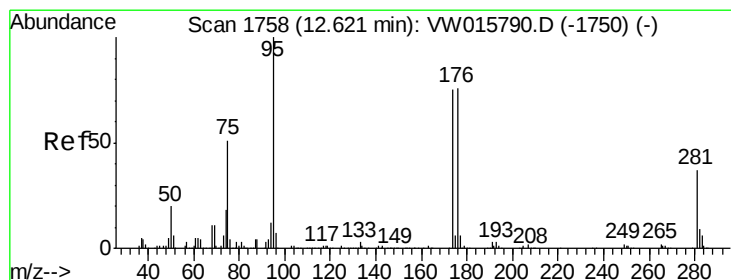
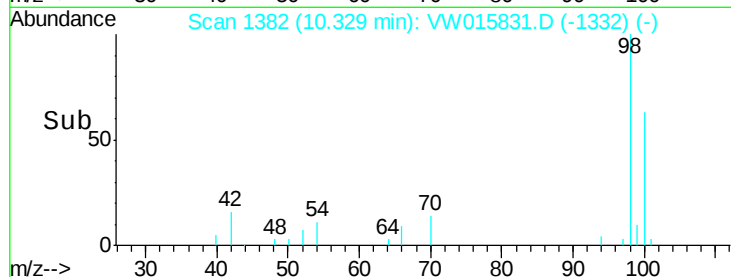
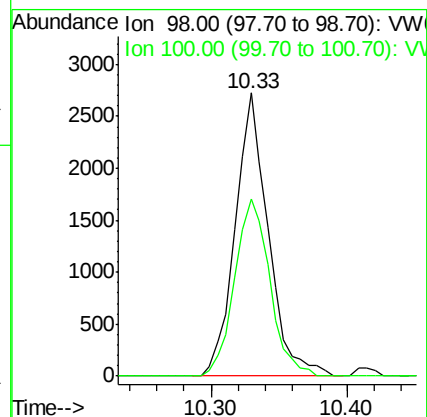
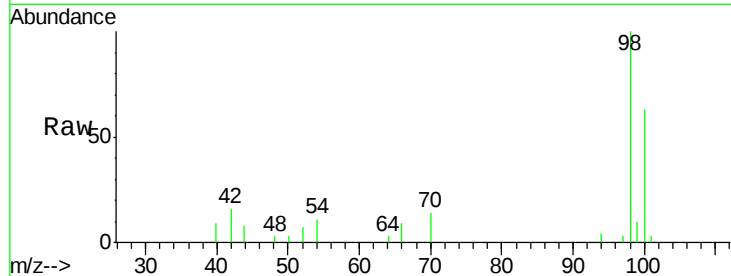
RO-20RE

Tot Ion: 98 Resp: 4597

Ion Ratio Lower Upper

98 100

100 66.9 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 20.262 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

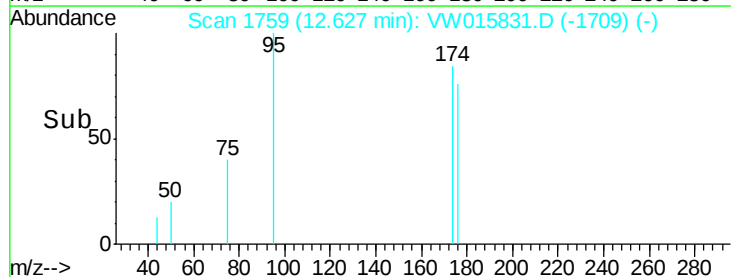
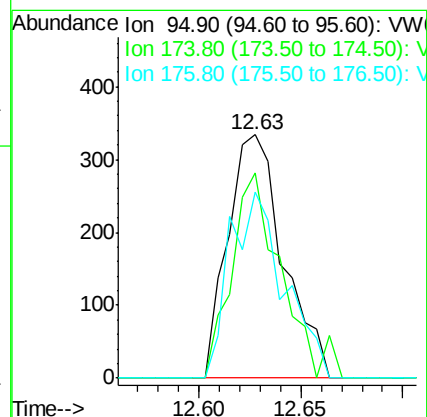
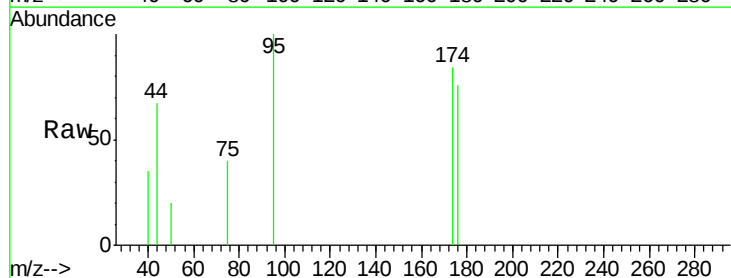
Tgt Ion: 95 Resp: 632

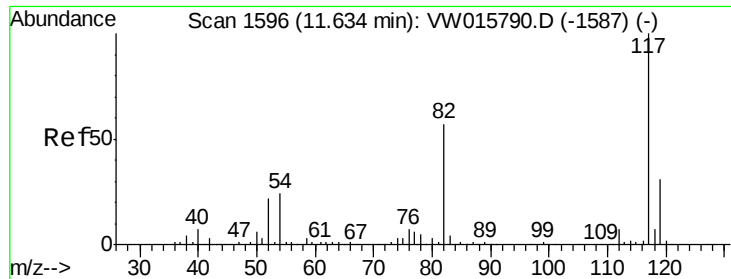
Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 74.8 0.0 148.4

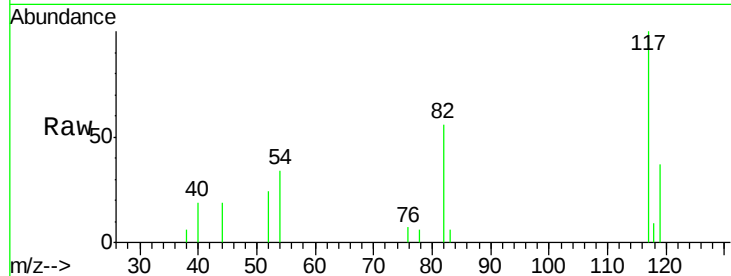




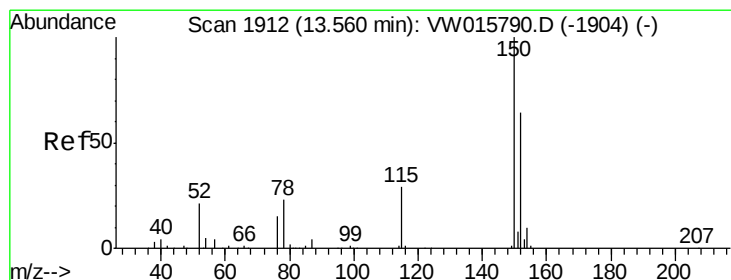
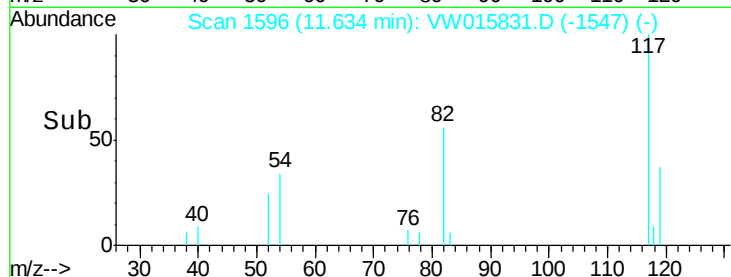
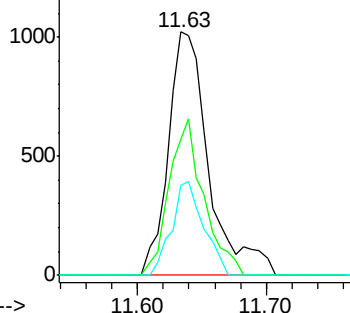
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015831.D
Acq: 09 Jul 2020 16:14

Instrument :
MSVOA_W
ClientSampleId :
RO-20RE

Tot Ion:117 Resp: 2248
Ion Ratio Lower Upper
117 100
82 55.7 45.5 68.3
119 36.8 25.0 37.6

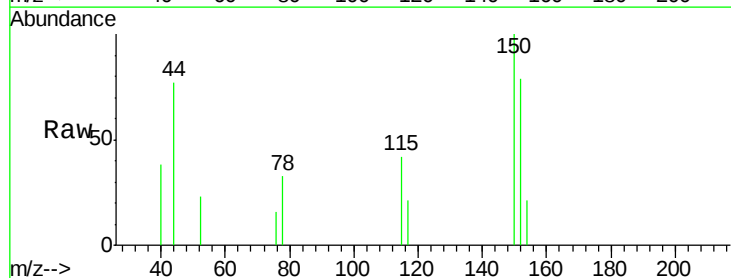


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

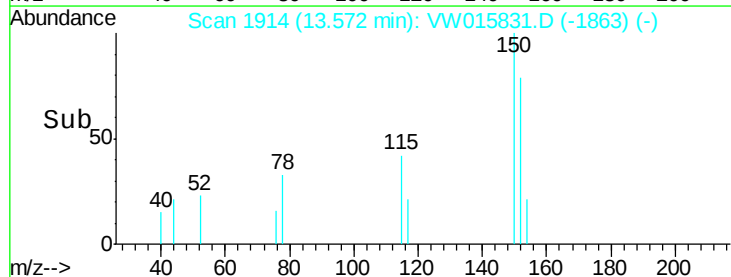
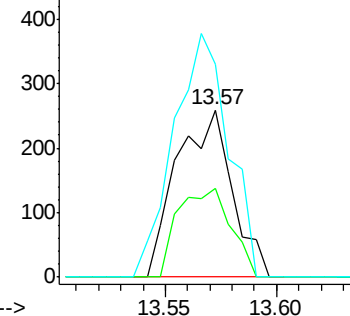


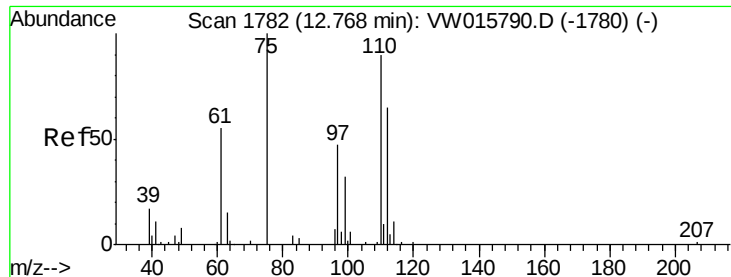
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VW015831.D
Acq: 09 Jul 2020 16:14

Tgt Ion:152 Resp: 447
Ion Ratio Lower Upper
152 100
115 50.8 29.9 89.7
150 143.8 0.0 350.8



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: 66.692 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. -0.13 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

Instrument :

MSVOA_W

ClientSampled :

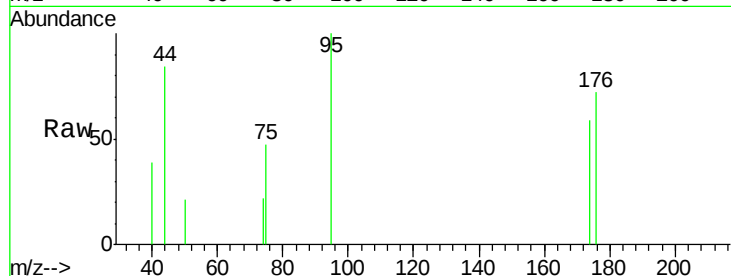
RO-20RE

Tot Ion: 75 Resp: 262

Ion Ratio Lower Upper

75 100

77 0.0 177.3 532.0#



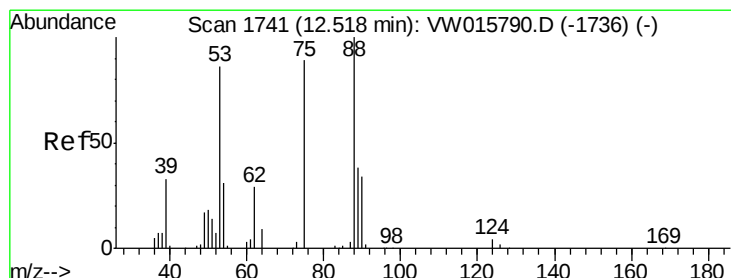
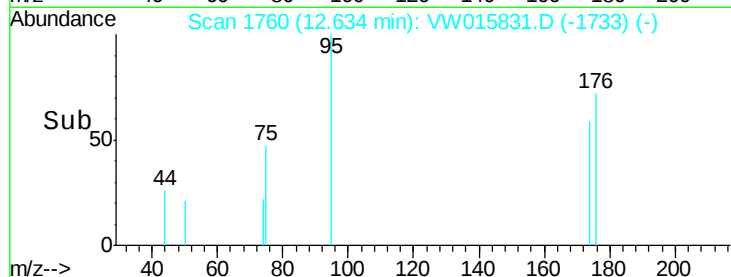
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.63

12.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 143.701 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. 0.12 min

Lab File: VW015831.D

Acq: 09 Jul 2020 16:14

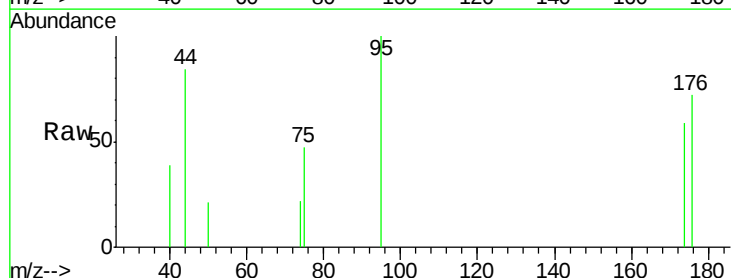
Tgt Ion: 75 Resp: 262

Ion Ratio Lower Upper

75 100

53 0.0 85.9 128.9#

89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

12.63

12.65

Time-->

