

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
 Data File : VW006529.D
 Acq On : 31 Oct 2018 16:36
 Operator : SY/AP
 Sample : J5697-01RE
 Misc : 5.43G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-58-66-98-92RE

Quant Time: Oct 31 17:03:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	220159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52355	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116608	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
35) Dibromofluoromethane	7.88	113	128111	59.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.00%	
50) Toluene-d8	10.33	98	392799	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.62	95	80662	26.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.00%	

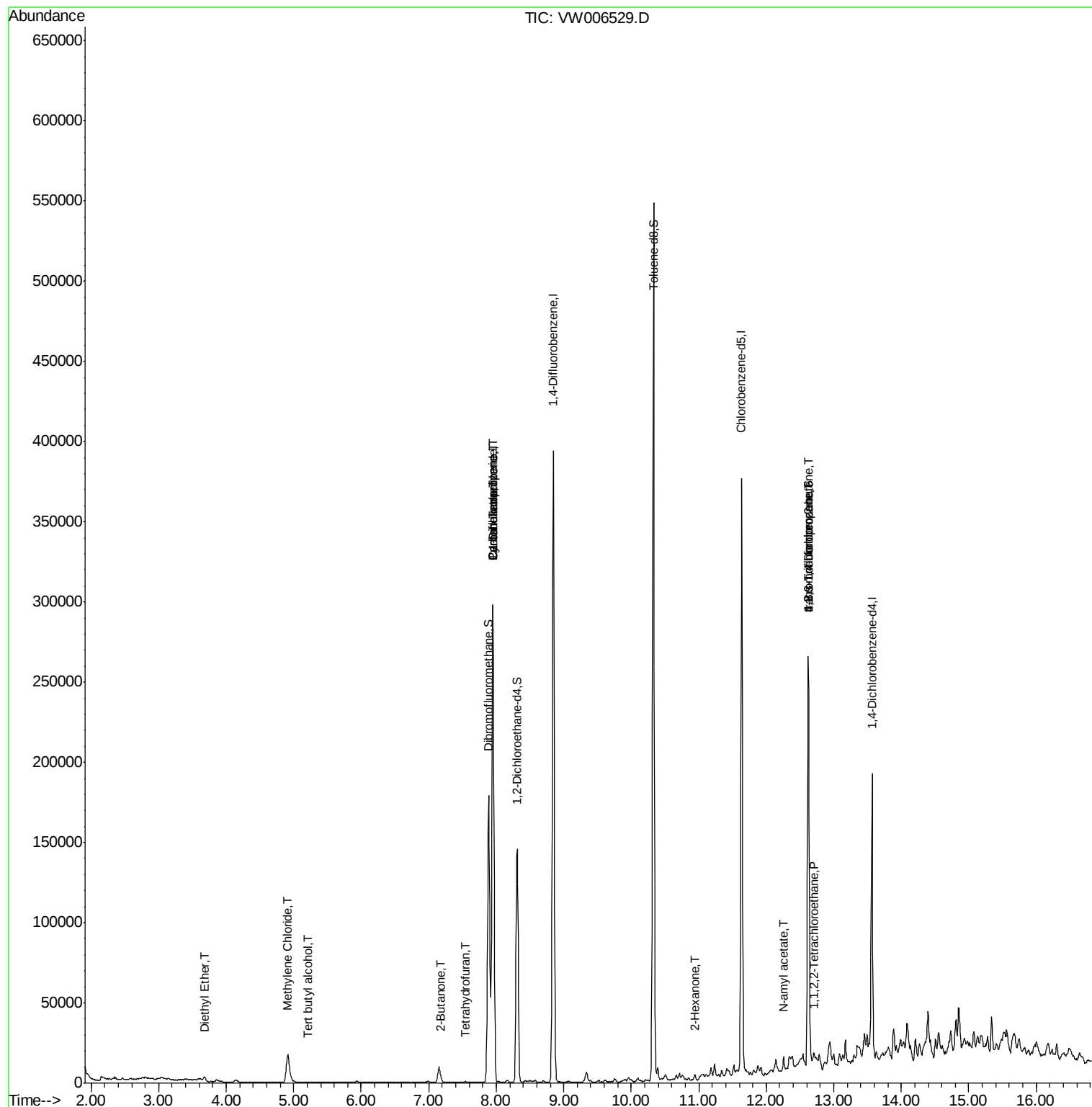
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1886	1.66	ug/l	71
11) Tert butyl alcohol	5.21	59	236	1.67	ug/l	# 71
16) Acetone	4.15	43	3102	Below Cal	#	85
20) Methylene Chloride	4.91	84	16178	5.86	ug/l	# 84
25) 2-Butanone	7.18	43	749	1.32	ug/l	# 46
29) Tetrahydrofuran	7.54	42	499	1.43	ug/l	# 38
31) Cyclohexane	7.95	56	4455	1.16	ug/l	# 17
36) 1,1-Dichloropropene	7.95	75	14878	4.39	ug/l	# 47
38) Carbon Tetrachloride	7.95	117	21479	5.78	ug/l	# 16
59) 2-Hexanone	10.94	43	1433	1.56	ug/l	# 25
74) N-amyl acetate	12.26	43	2121	2.95	ug/l	# 76
75) 1,1,2,2-Tetrachloroethane	12.71	83	742	1.32	ug/l	# 47
76) 1,2,3-Trichloropropane	12.62	75	37230	93.10	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	37230	222.55	ug/l	# 10

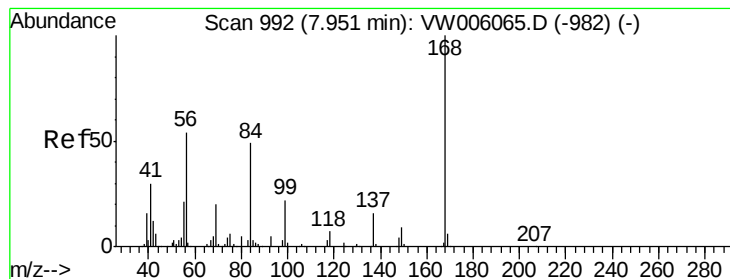
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

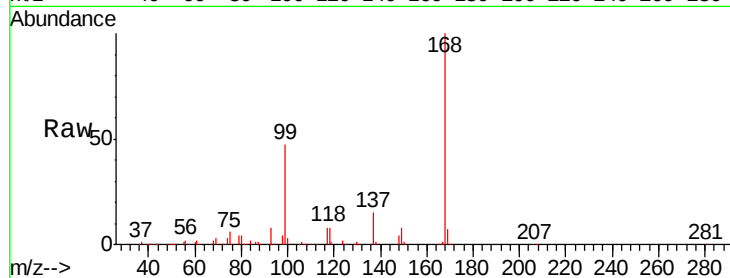
CHRT-58-66-98-92RE

Tgt Ion:168 Resp: 252759

Ion Ratio Lower Upper

168 100

99 47.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

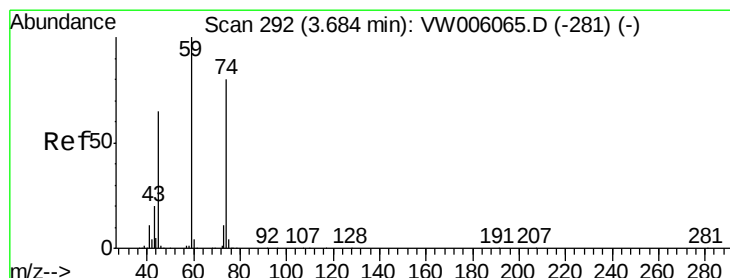
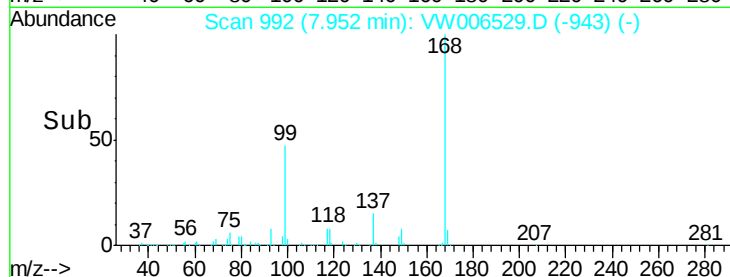
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.66 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006529.D

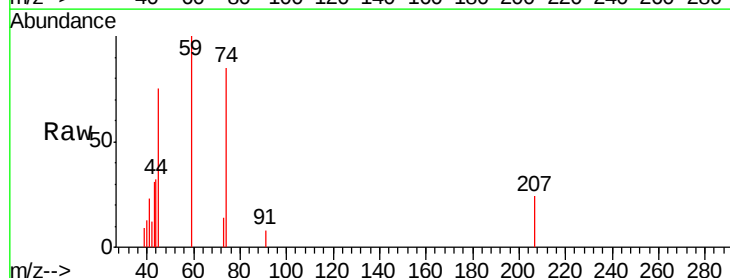
Acq: 31 Oct 2018 16:36

Tgt Ion: 74 Resp: 1886

Ion Ratio Lower Upper

74 100

45 112.2 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

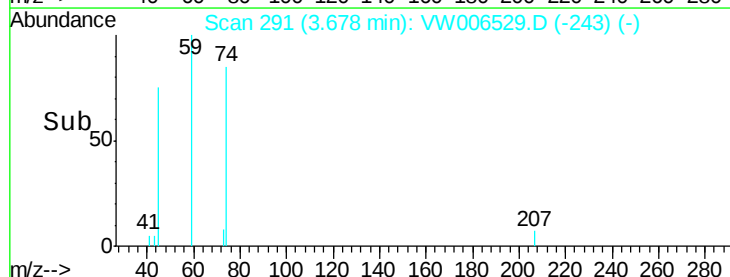
600

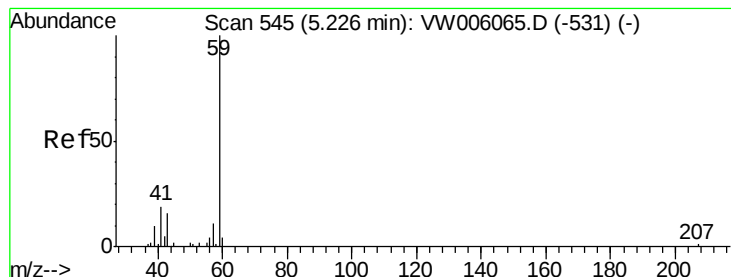
400

200

0

Time-->





#11

Tert butyl alcohol

Concen: 1.67 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

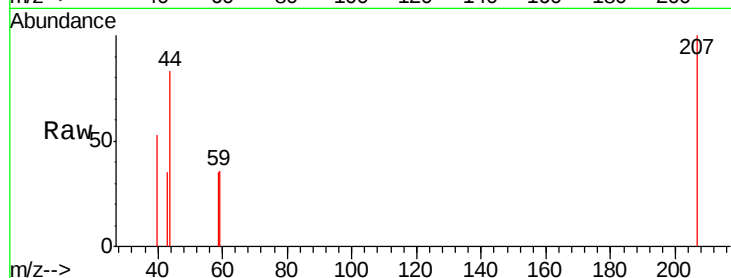
CHRT-58-66-98-92RE

Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

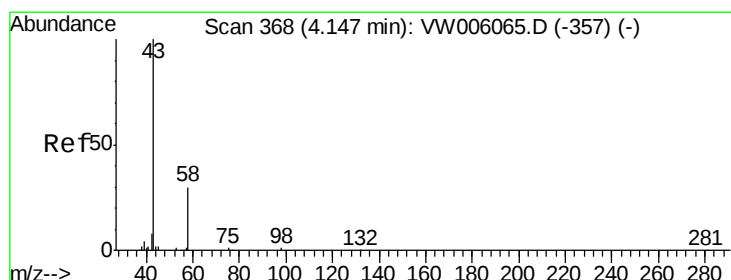
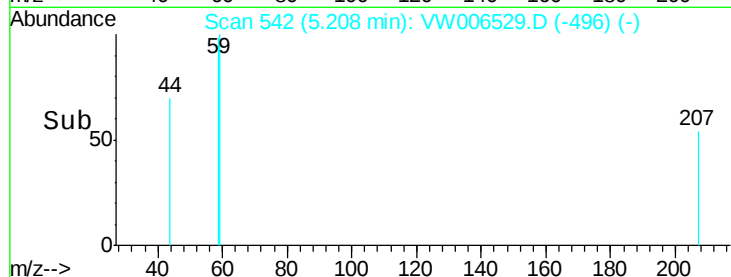
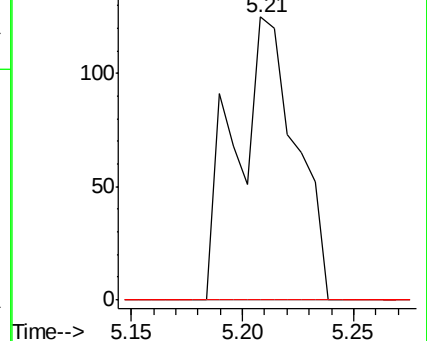
59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006529.D

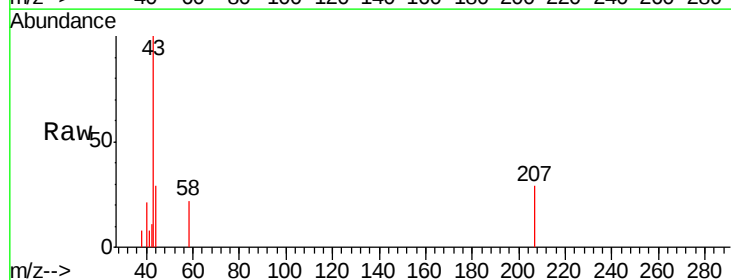
Acq: 31 Oct 2018 16:36

Tgt Ion: 43 Resp: 3102

Ion Ratio Lower Upper

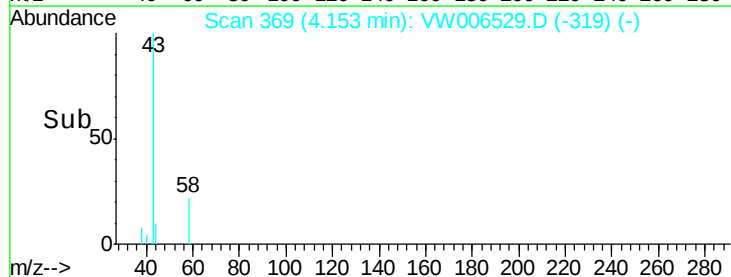
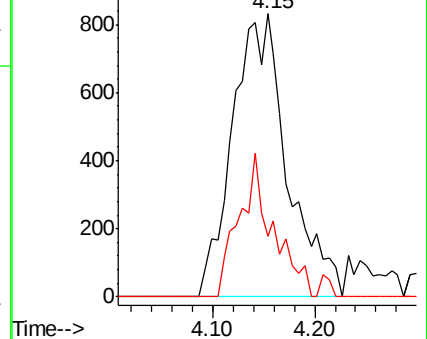
43 100

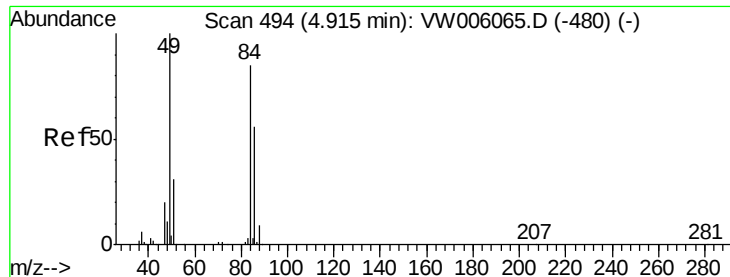
58 21.6 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

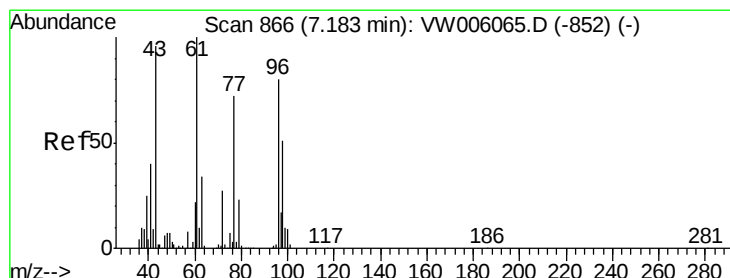
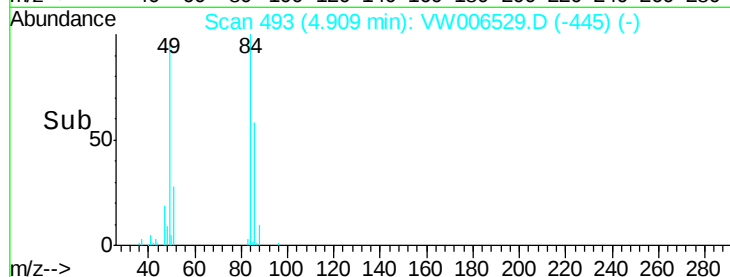
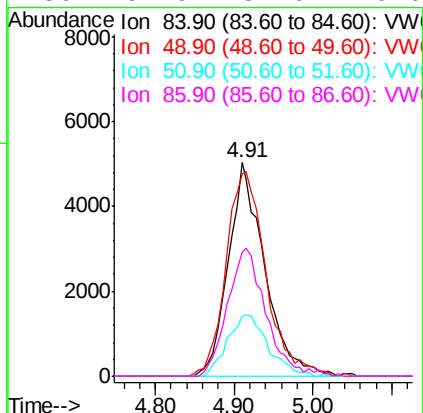
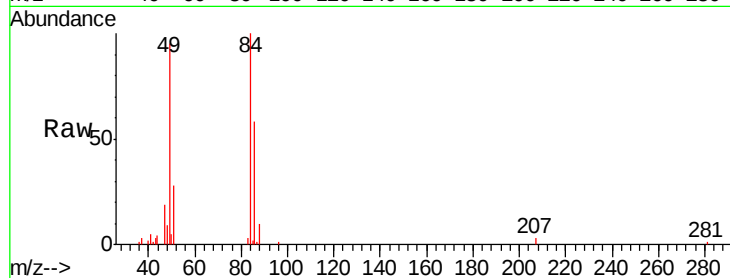




#20
Methylene Chloride
Concen: 5.86 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

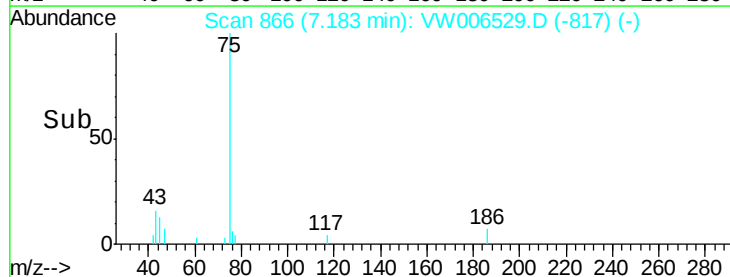
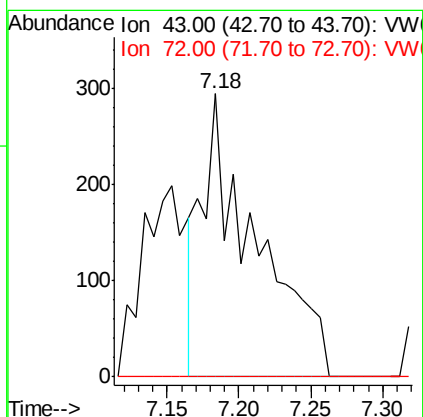
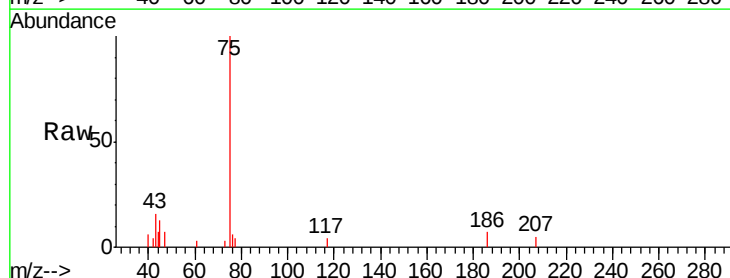
Instrument :
MSVOA_W
ClientSampleId :
CHRT-58-66-98-92RE

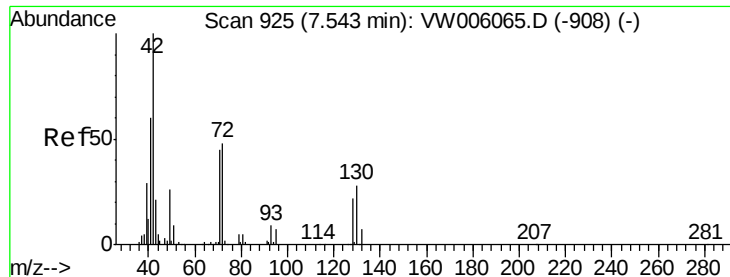
Tgt Ion: 84 Resp: 16178
Ion Ratio Lower Upper
84 100
49 94.7 93.6 140.4
51 28.2 29.0 43.4#
86 57.9 52.6 79.0



#25
2-Butanone
Concen: 1.32 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#29

Tetrahydrofuran

Concen: 1.43 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

CHRT-58-66-98-92RE

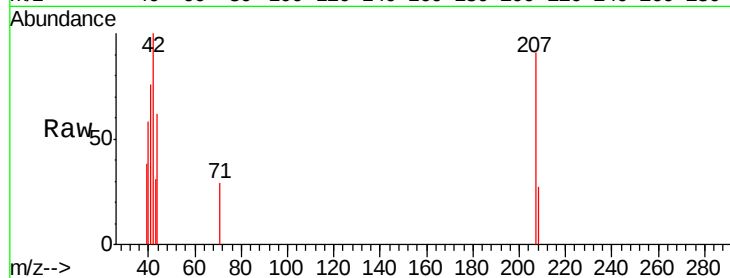
Tgt Ion: 42 Resp: 499

Ion Ratio Lower Upper

42 100

72 10.2 38.0 57.0#

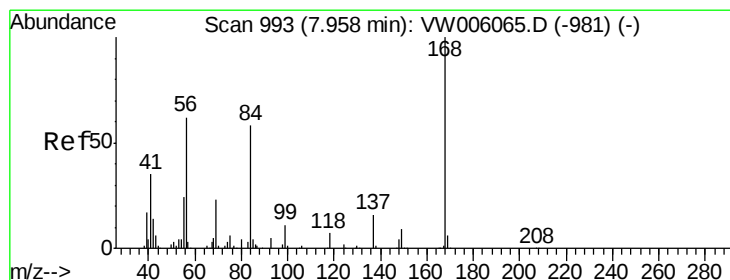
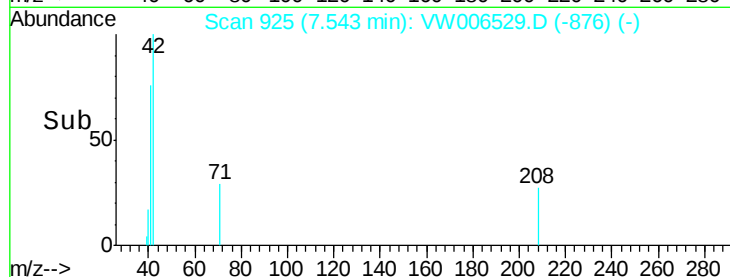
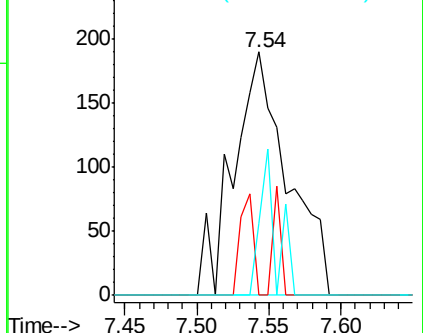
71 0.0 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.16 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

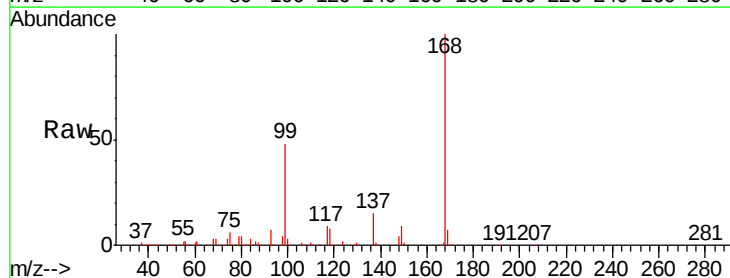
Tgt Ion: 56 Resp: 4455

Ion Ratio Lower Upper

56 100

69 140.8 29.4 44.0#

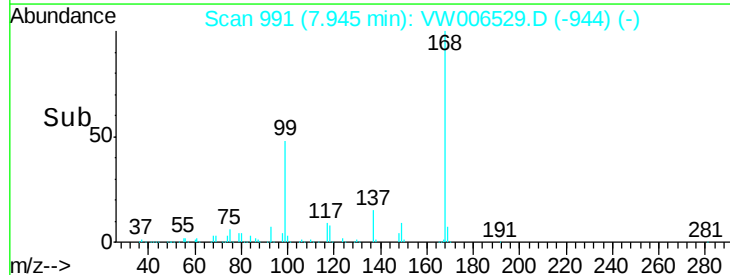
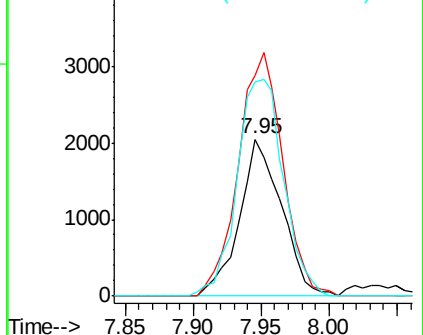
84 136.7 74.0 111.0#

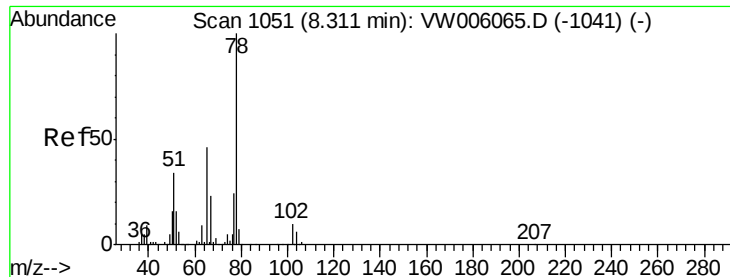


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

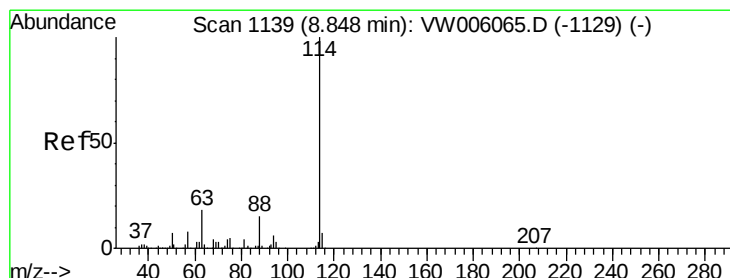
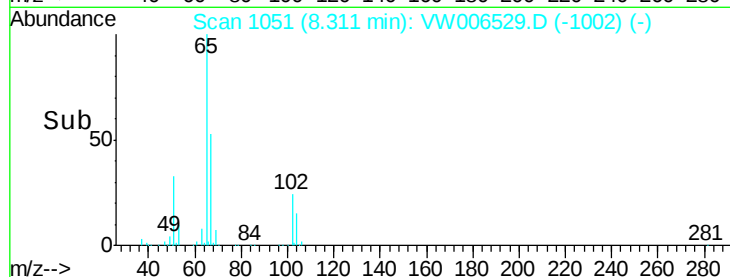
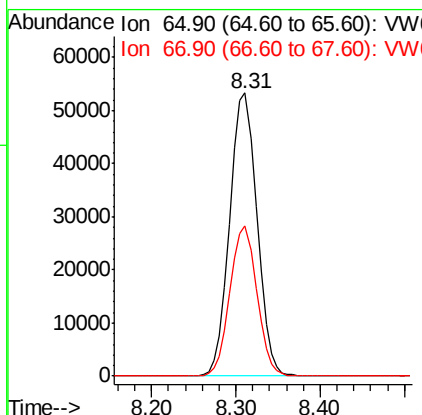
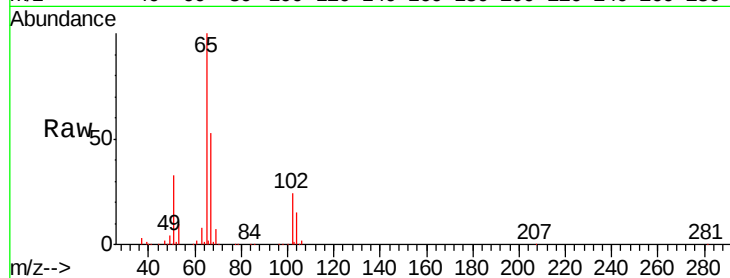




#33
 1,2-Dichloroethane-d4
 Concen: 55.65 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006529.D
 Acq: 31 Oct 2018 16:36

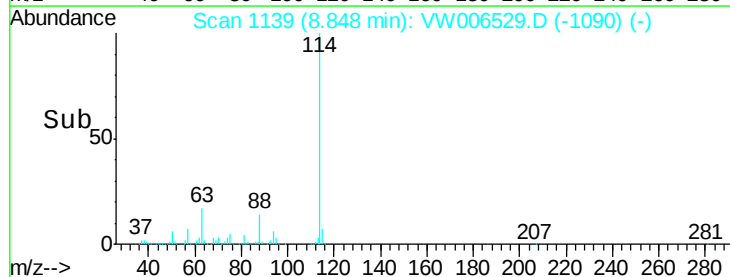
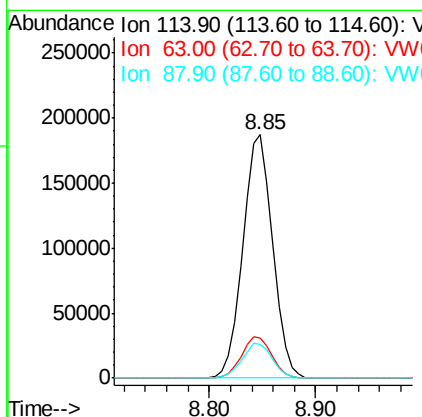
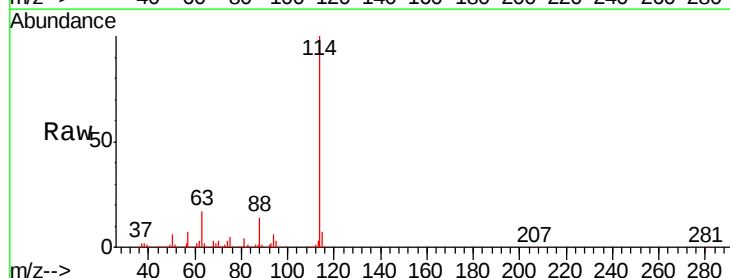
Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-58-66-98-92RE

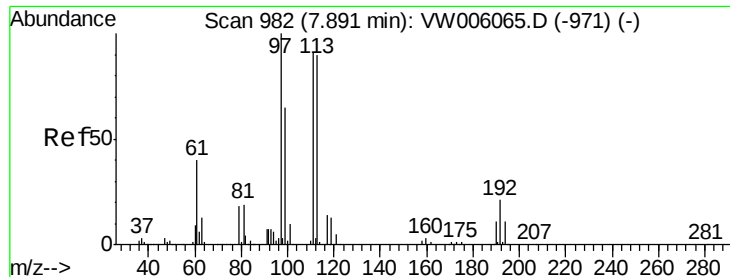
Tgt Ion: 65 Resp: 116608
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006529.D
 Acq: 31 Oct 2018 16:36

Tgt Ion: 114 Resp: 367498
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 36.8
 88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 59.00 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

CHRT-58-66-98-92RE

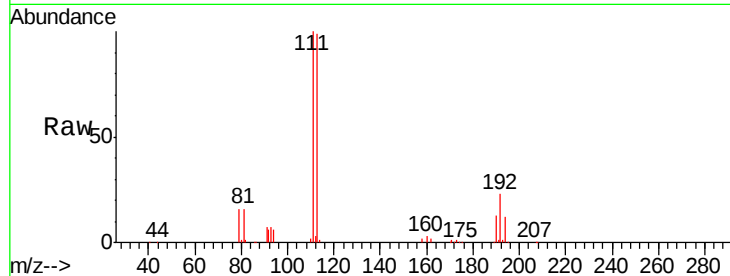
Tgt Ion:113 Resp: 128111

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

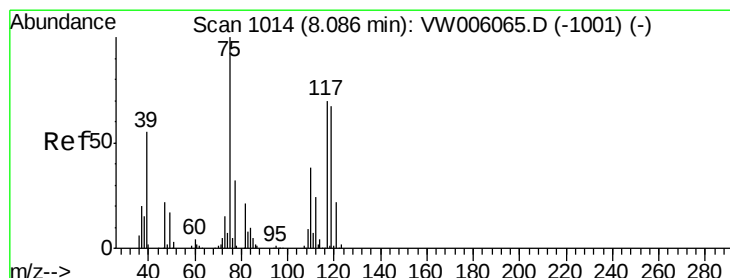
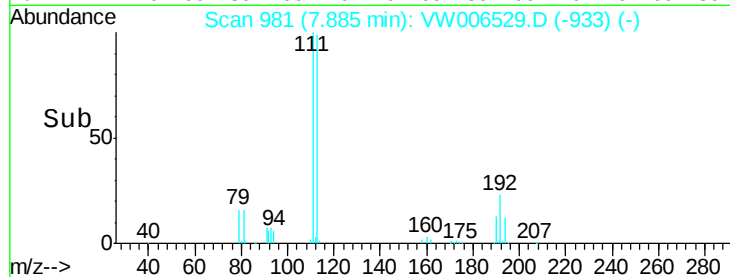
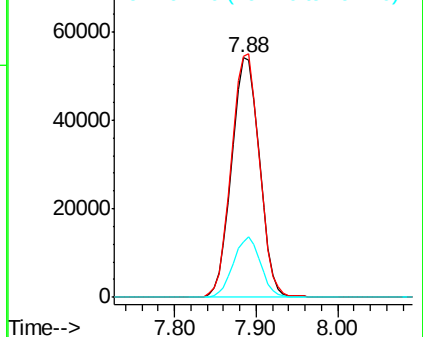
192 24.4 18.7 28.1



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: 4.39 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

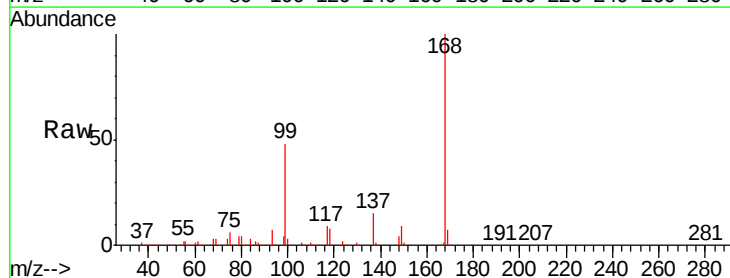
Tgt Ion: 75 Resp: 14878

Ion Ratio Lower Upper

75 100

110 8.3 19.1 57.1#

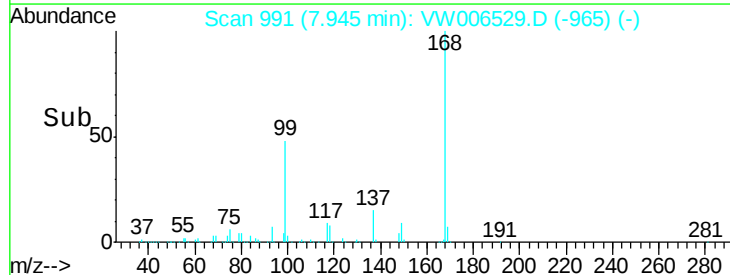
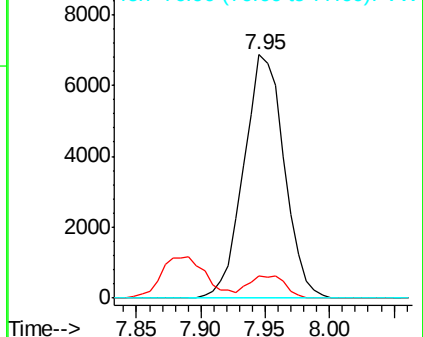
77 0.0 25.0 37.4#

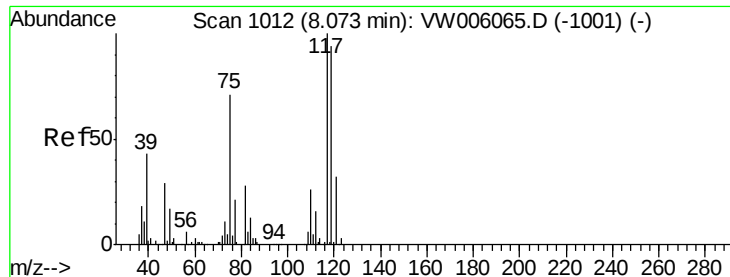


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

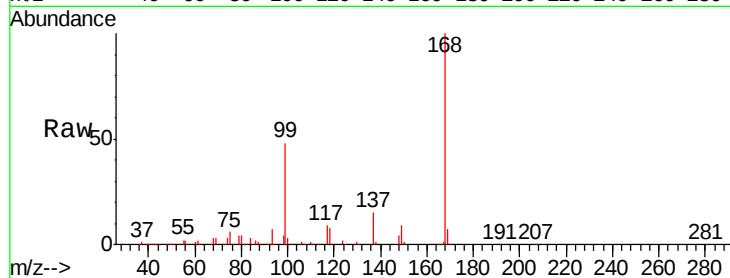




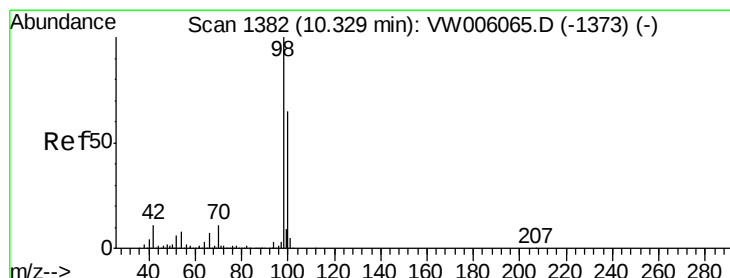
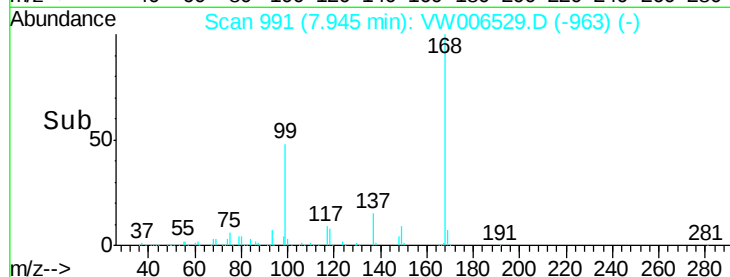
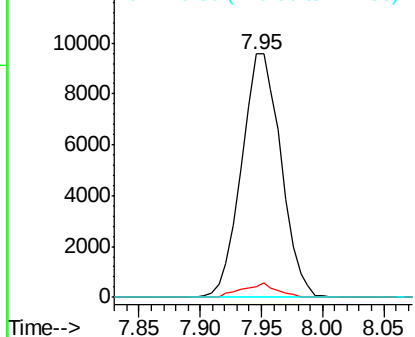
#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
CHRT-58-66-98-92RE

Tgt Ion:117 Resp: 21479
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 25.3 37.9#

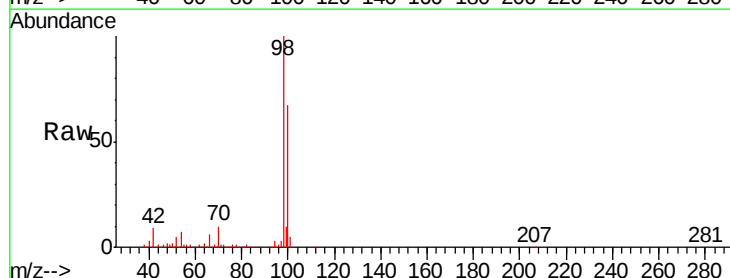


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

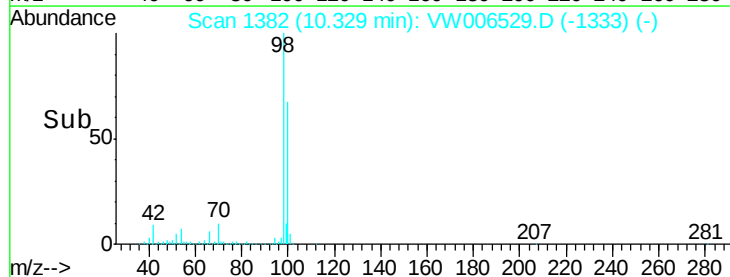
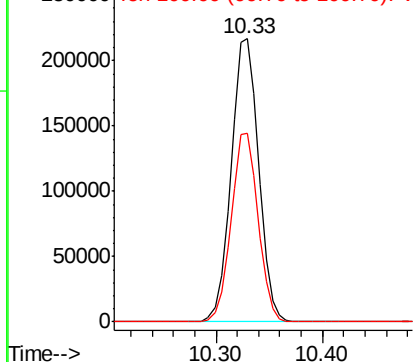


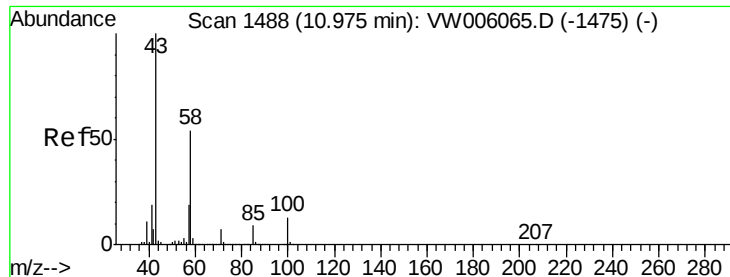
#50
Toluene-d8
Concen: 47.55 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

Tgt Ion: 98 Resp: 392799
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

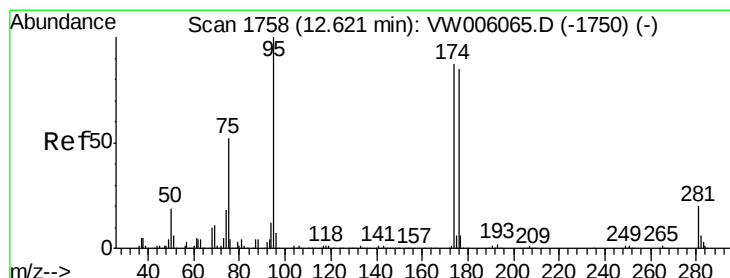
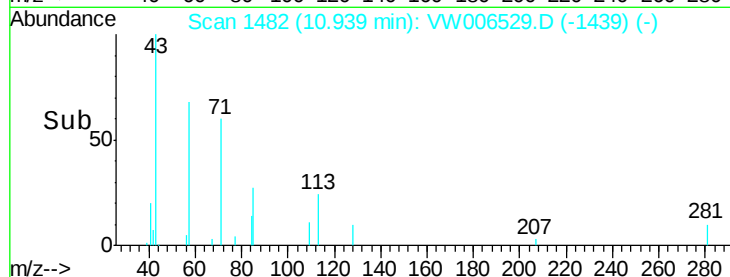
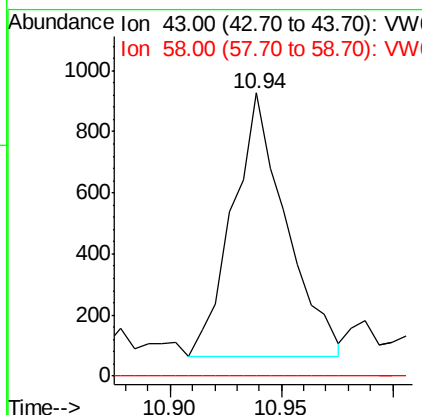
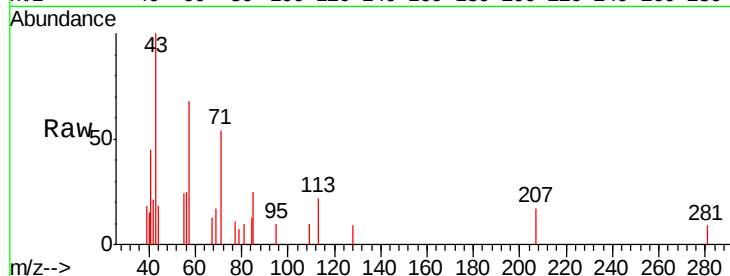




#59
2-Hexanone
Concen: 1.56 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

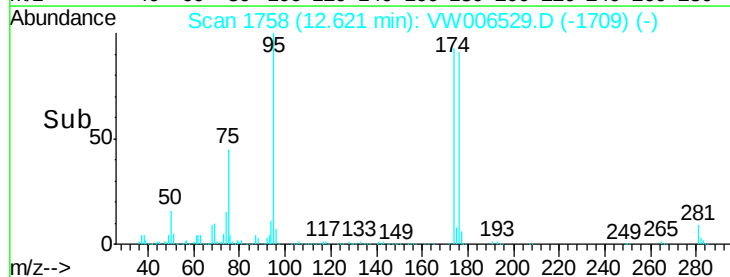
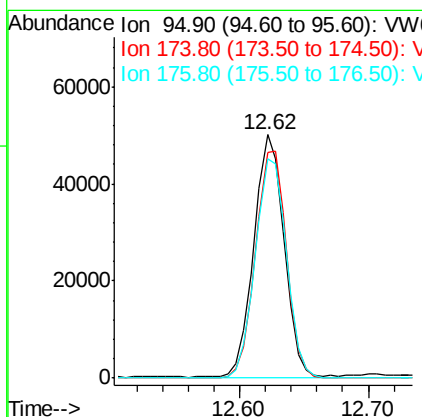
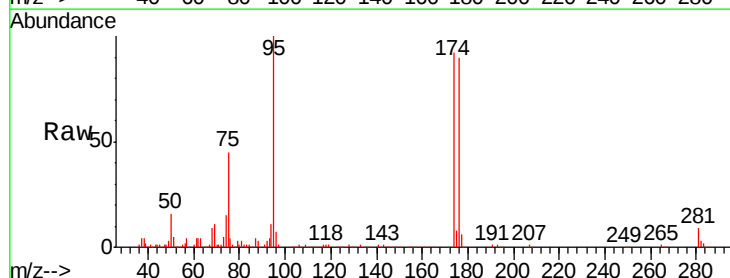
Instrument :
MSVOA_W
ClientSampleId :
CHRT-58-66-98-92RE

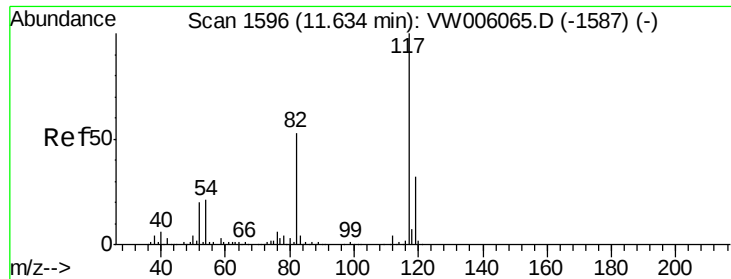
Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 26.00 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

Tgt Ion: 95 Resp: 80662
Ion Ratio Lower Upper
95 100
174 95.9 0.0 186.0
176 93.4 0.0 181.6

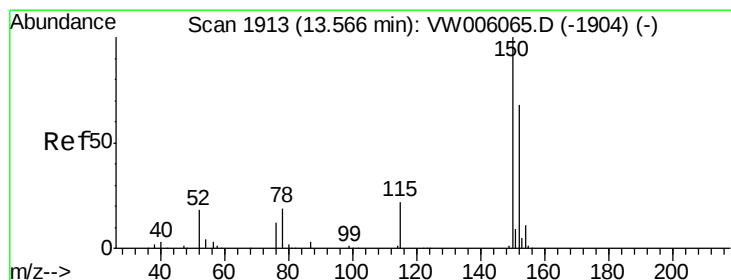
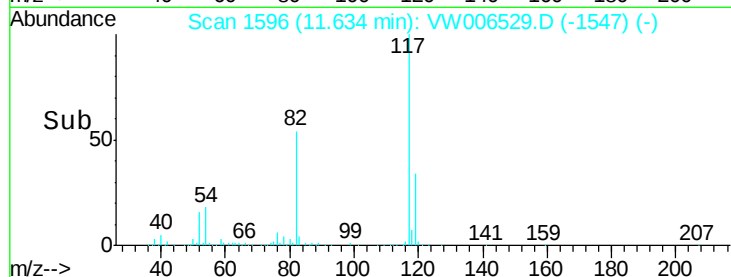
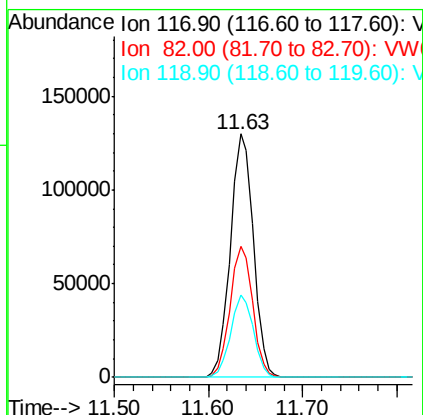
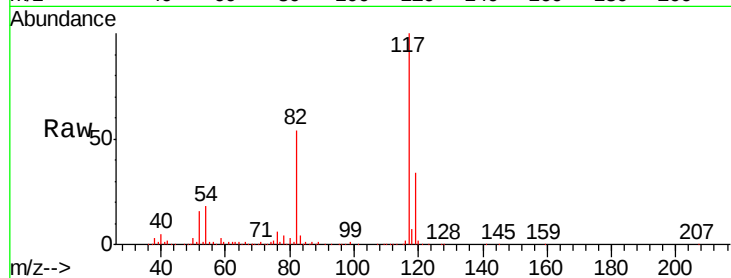




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

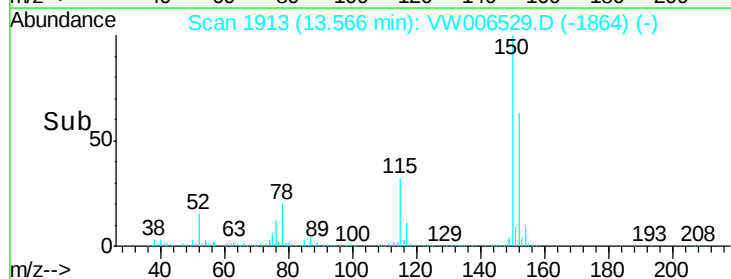
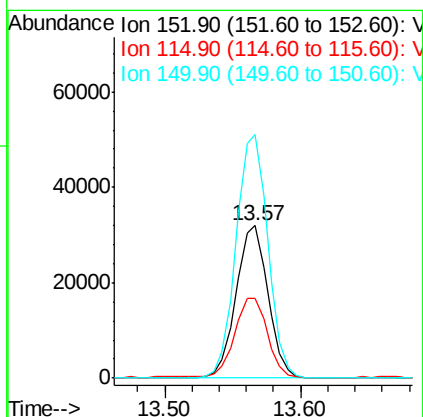
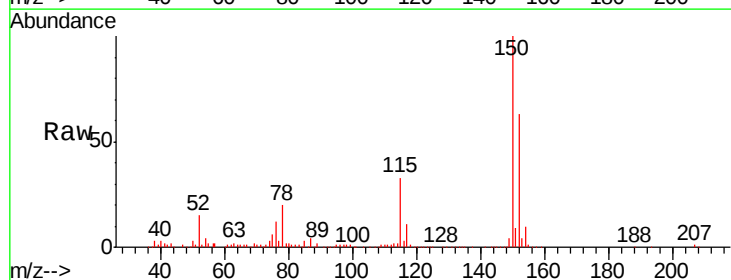
Instrument :
MSVOA_W
ClientSampleId :
CHRT-58-66-98-92RE

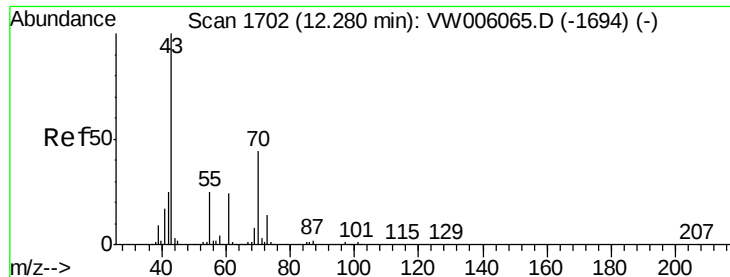
Tgt Ion:117 Resp: 220159
Ion Ratio Lower Upper
117 100
82 53.5 42.1 63.1
119 33.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006529.D
Acq: 31 Oct 2018 16:36

Tgt Ion:152 Resp: 52355
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 158.6 0.0 349.2





#74

N-ethyl acetate

Concen: 2.95 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

CHRT-58-66-98-92RE

Tgt Ion: 43 Resp: 2121

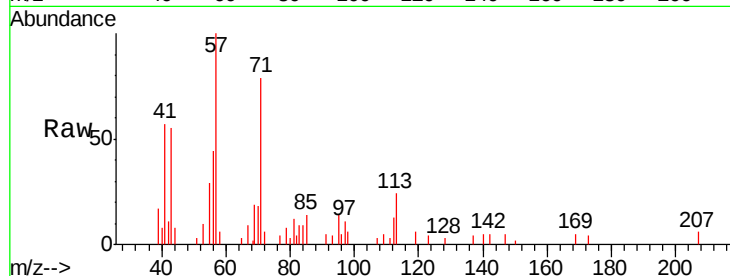
Ion Ratio Lower Upper

43 100

70 48.8 34.2 51.4

55 36.8 19.2 28.8#

61 0.0 19.0 28.6#

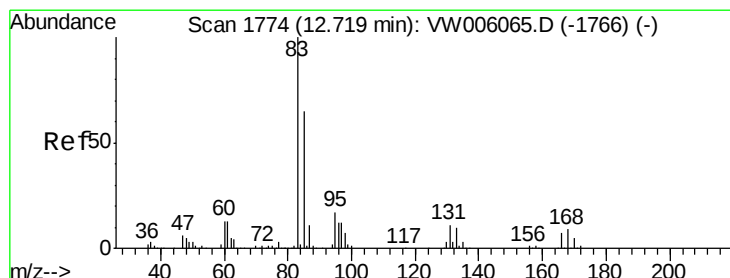
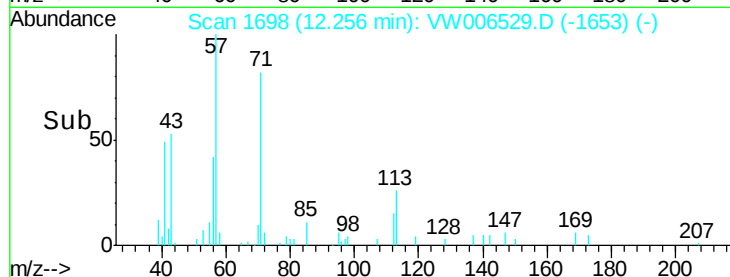
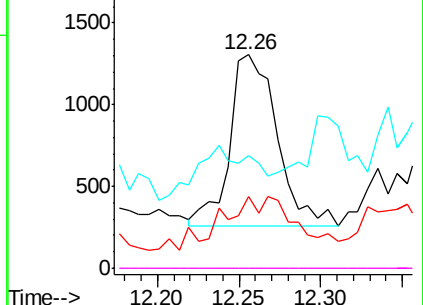


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 1.32 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

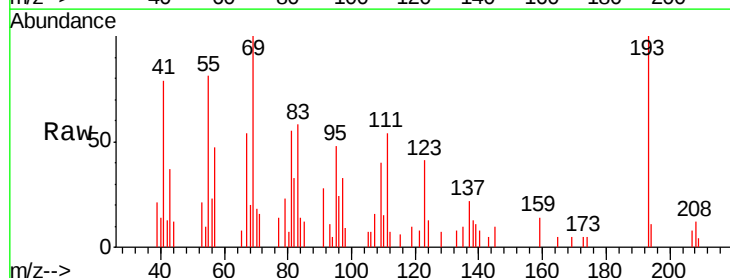
Tgt Ion: 83 Resp: 742

Ion Ratio Lower Upper

83 100

131 15.0 5.9 17.7

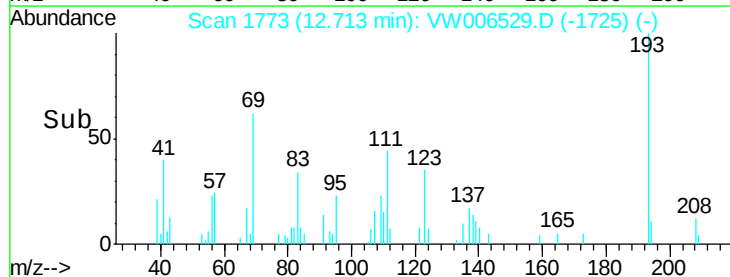
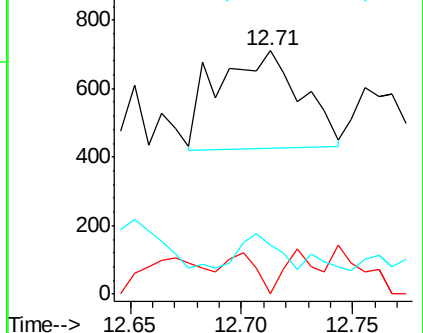
85 15.8 31.9 95.9#

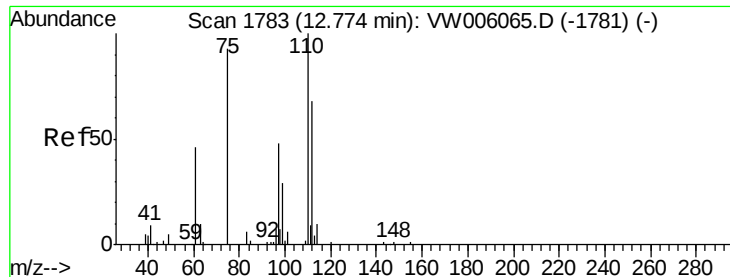


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 93.10 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

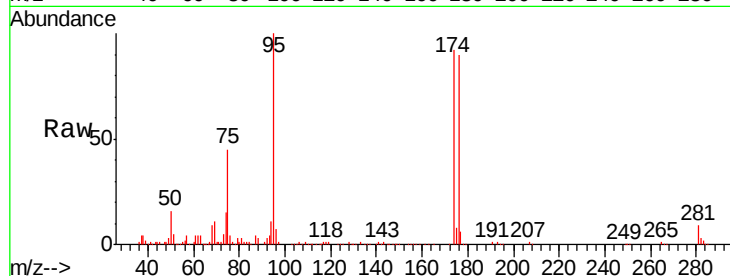
CHRT-58-66-98-92RE

Tgt Ion: 75 Resp: 37230

Ion Ratio Lower Upper

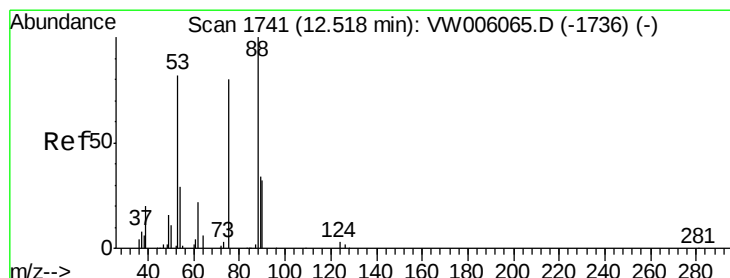
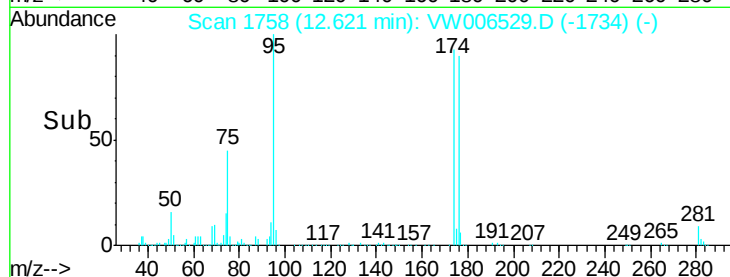
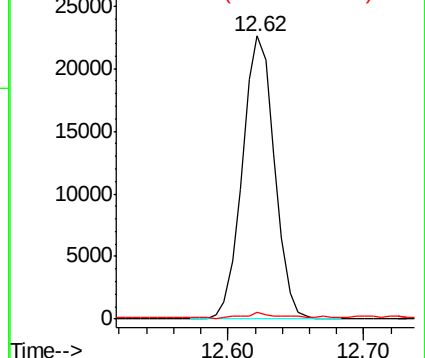
75 100

77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 222.55 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006529.D

Acq: 31 Oct 2018 16:36

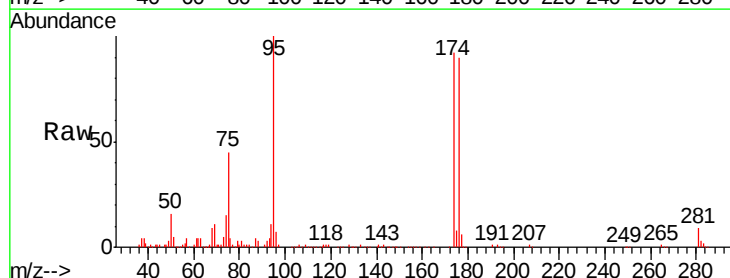
Tgt Ion: 75 Resp: 37230

Ion Ratio Lower Upper

75 100

53 0.3 79.8 119.6#

89 0.1 37.5 56.3#



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

