

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007419.D
 Acq On : 12 Dec 2018 03:30
 Operator : SY/AP
 Sample : J6275-05
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-05-120418

Quant Time: Dec 12 05:07:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	150485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	134960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65863	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	40334	41.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.72%	
35) Dibromofluoromethane	7.88	113	36679	40.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.52%	
50) Toluene-d8	10.32	98	128699	37.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.36%	
62) 4-Bromofluorobenzene	12.62	95	51384	40.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.84%	

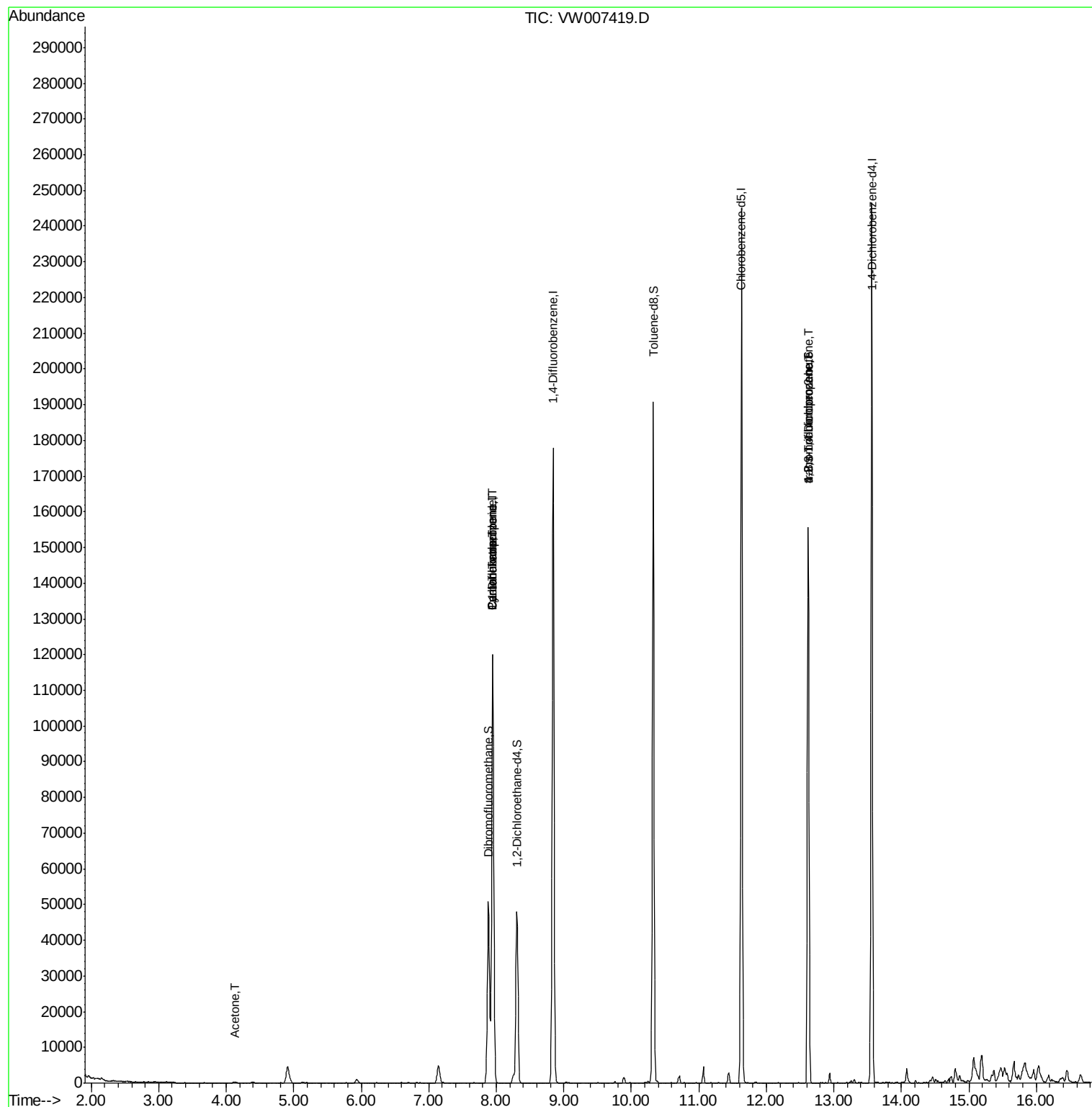
Target Compounds						Qvalue
16) Acetone	4.12	43	617	3.622	ug/l #	86
31) Cyclohexane	7.95	56	1834	1.211	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	6710	4.888	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9185	6.149	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	25825	47.555	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25825	105.049	ug/l #	7

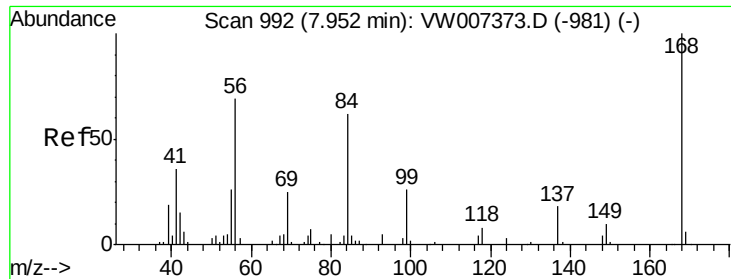
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BF-05-120418

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

Instrument :

MSVOA_W

ClientSampleId :

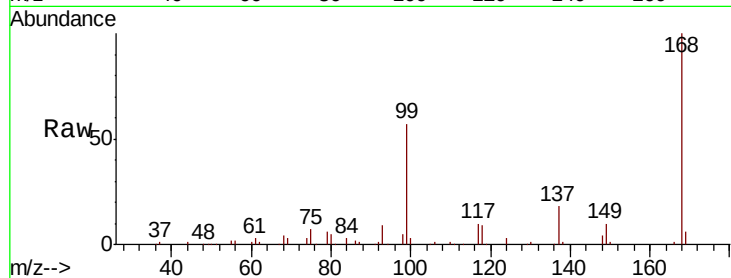
BF-05-120418

Tgt Ion: 168 Resp: 87906

Ion Ratio Lower Upper

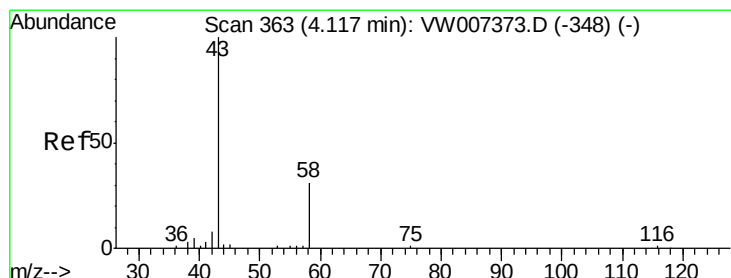
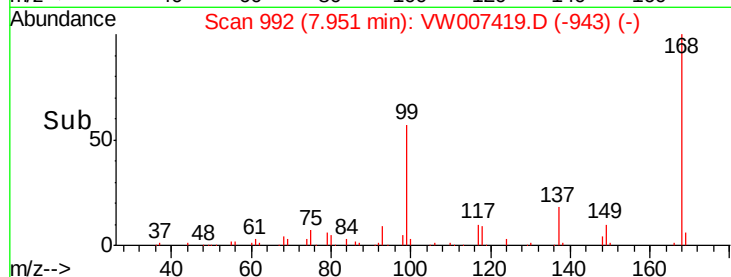
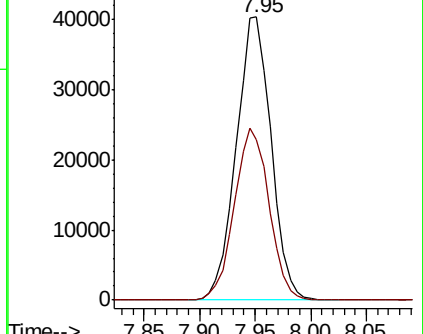
168 100

99 56.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.622 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007419.D

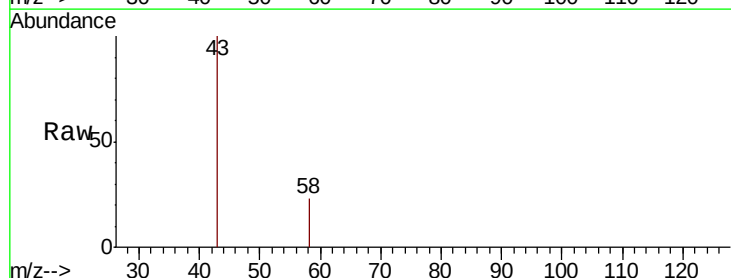
Acq: 12 Dec 2018 03:30

Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

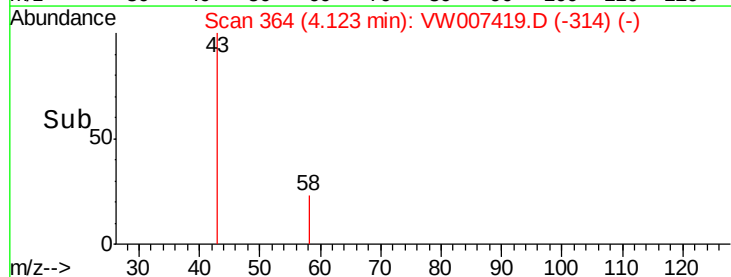
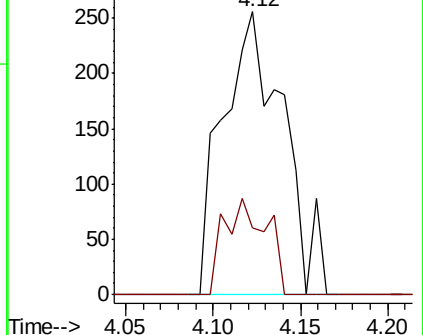
43 100

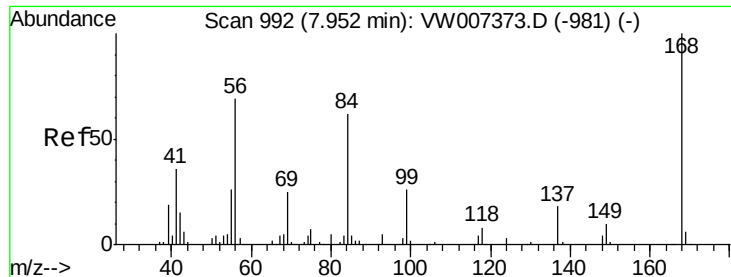
58 23.4 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

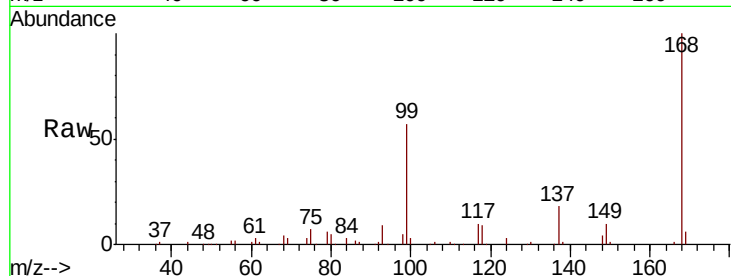




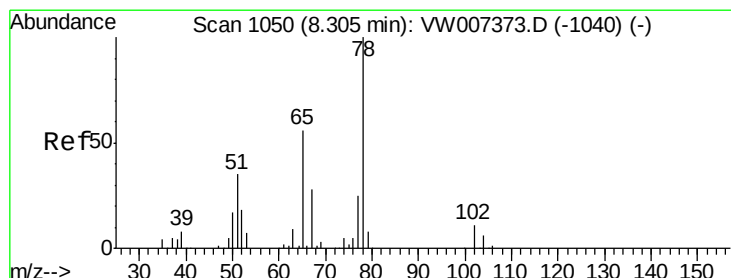
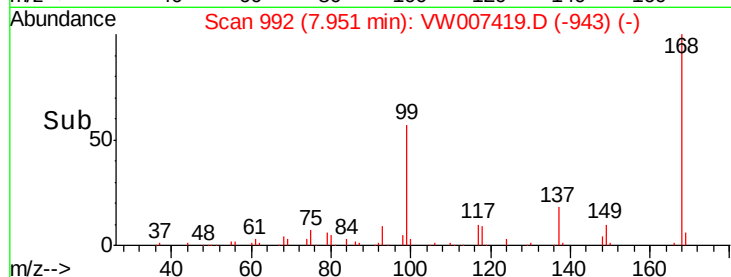
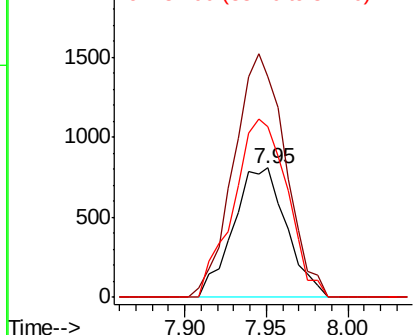
#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007419.D
Acq: 12 Dec 2018 03:30

Instrument :
MSVOA_W
ClientSampleId :
BF-05-120418

Tgt Ion: 56 Resp: 1834
Ion Ratio Lower Upper
56 100
69 171.0 28.9 43.3#
84 132.3 71.8 107.6#

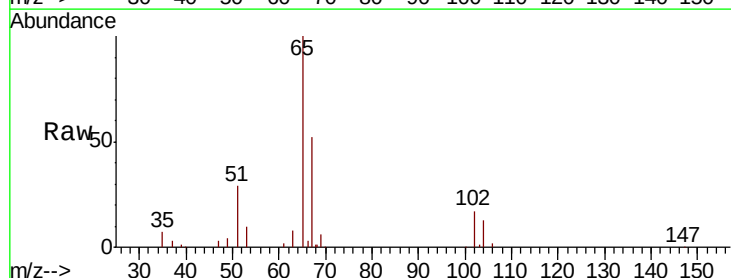


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

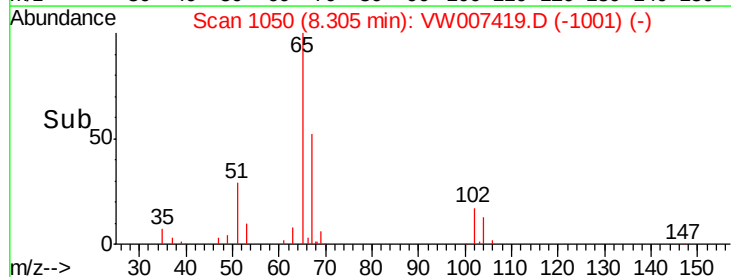
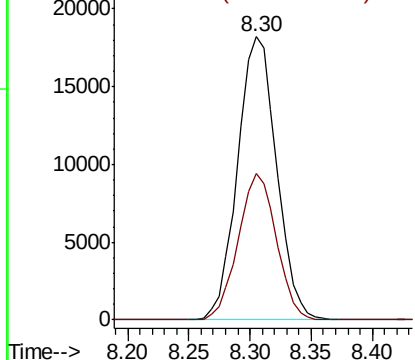


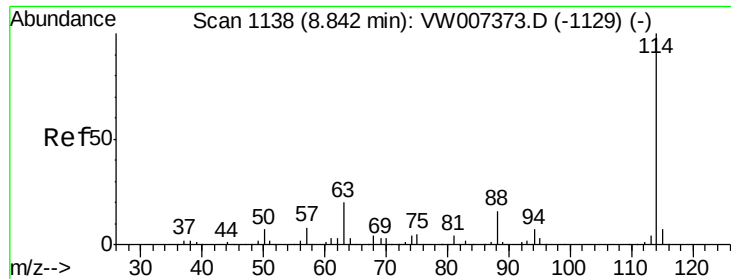
#33
1,2-Dichloroethane-d4
Concen: 41.358 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007419.D
Acq: 12 Dec 2018 03:30

Tgt Ion: 65 Resp: 40334
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



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

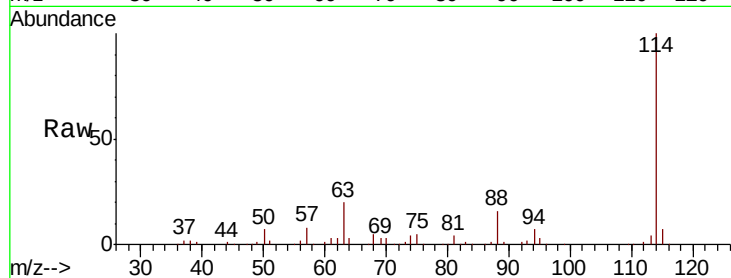




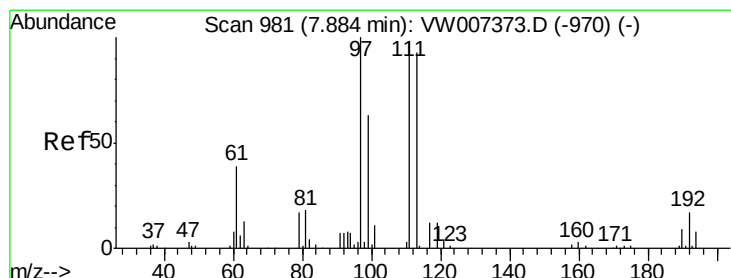
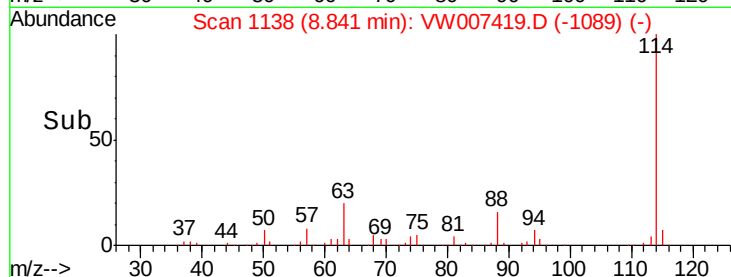
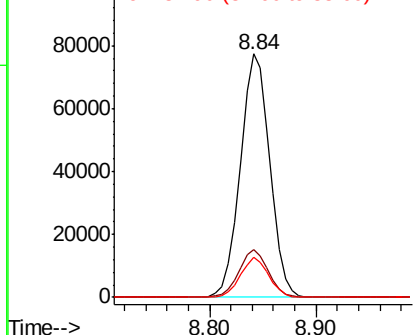
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007419.D
Acq: 12 Dec 2018 03:30

Instrument :
MSVOA_W
ClientSampleId :
BF-05-120418

Tgt Ion:114 Resp: 150485
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.4 0.0 31.4

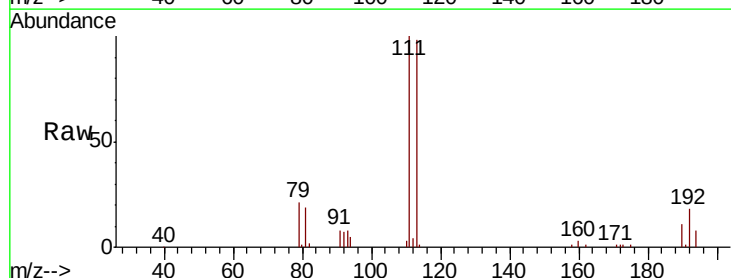


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

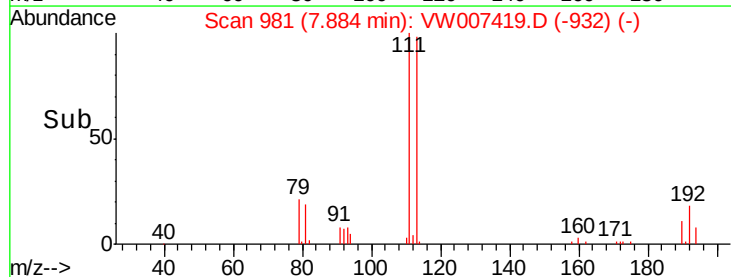
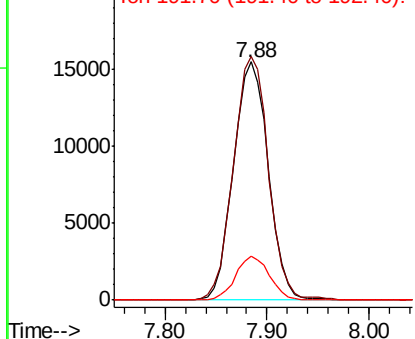


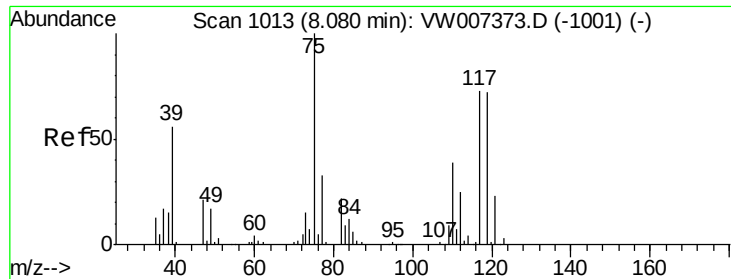
#35
Dibromofluoromethane
Concen: 40.265 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007419.D
Acq: 12 Dec 2018 03:30

Tgt Ion:113 Resp: 36679
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 18.0 14.6 21.8



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: 4.888 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

Instrument :

MSVOA_W

ClientSampleId :

BF-05-120418

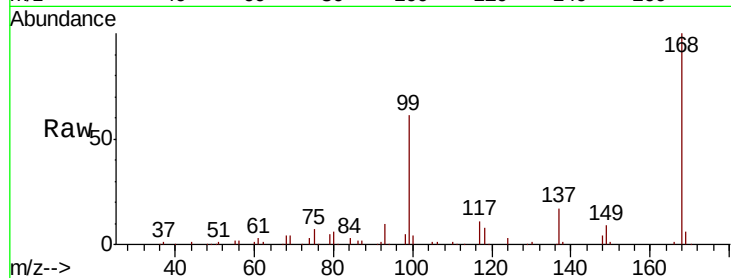
Tgt Ion: 75 Resp: 6710

Ion Ratio Lower Upper

75 100

110 10.1 18.5 55.5#

77 0.0 25.6 38.4#

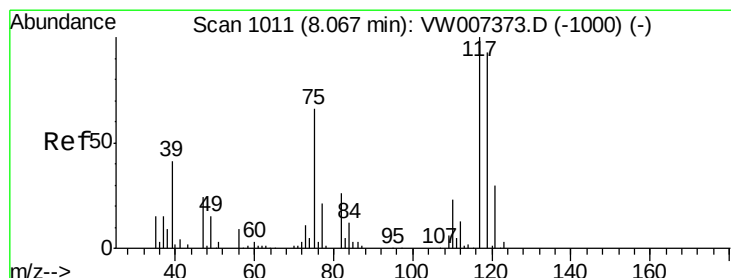
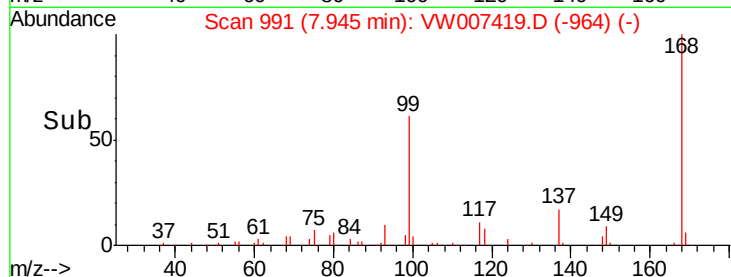
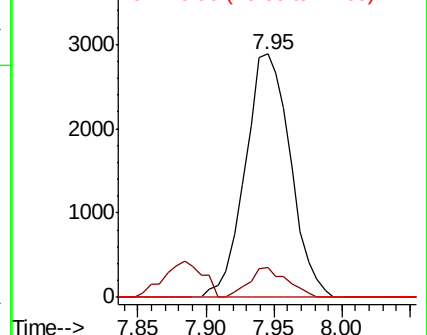


Abundance

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: 6.149 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

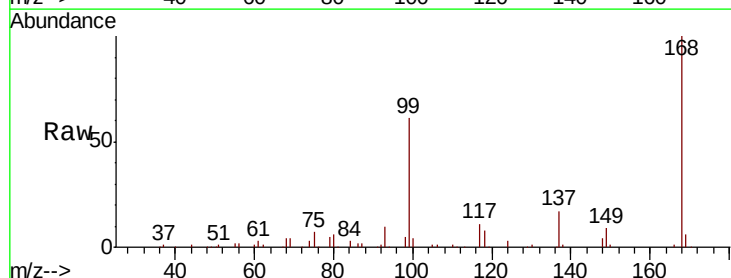
Tgt Ion: 117 Resp: 9185

Ion Ratio Lower Upper

117 100

119 4.2 74.3 111.5#

121 0.0 24.3 36.5#

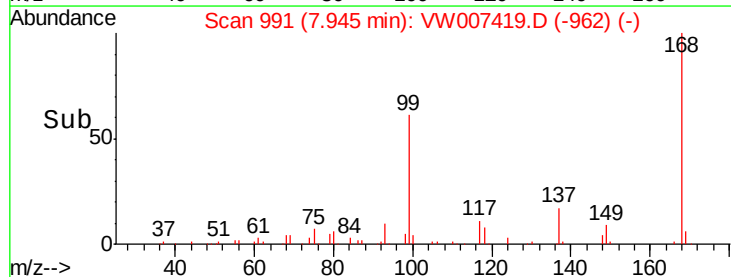
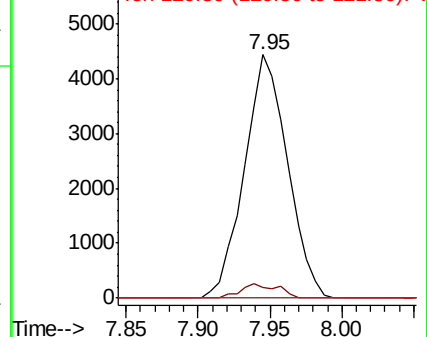


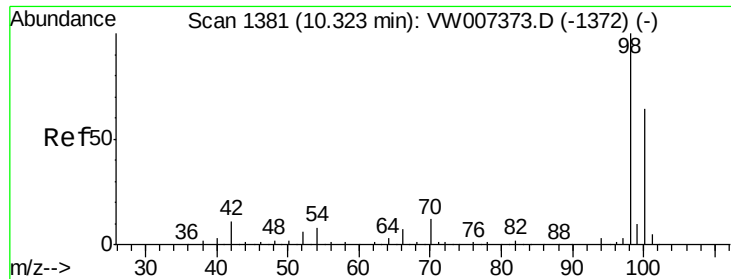
Abundance

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: 37.680 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

Instrument :

MSVOA_W

ClientSampleId :

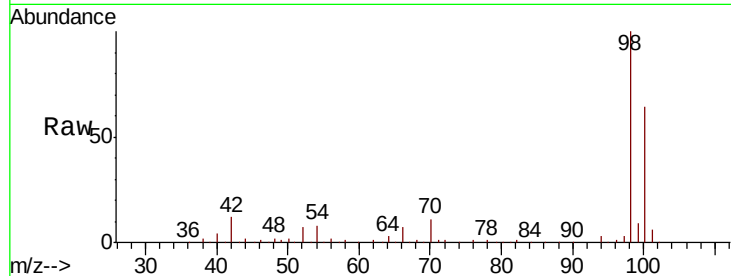
BF-05-120418

Tgt Ion: 98 Resp: 128699

Ion Ratio Lower Upper

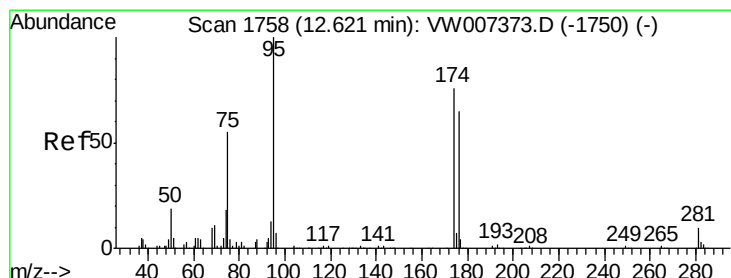
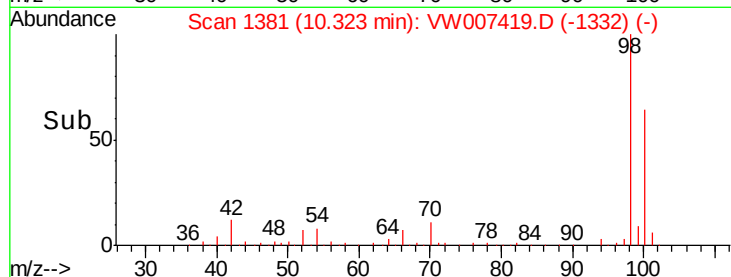
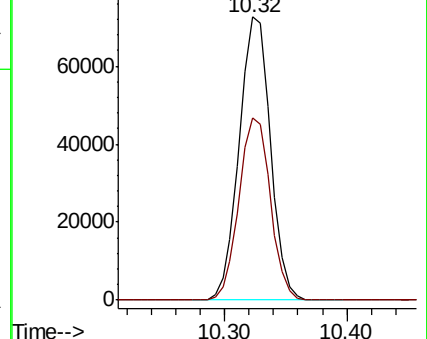
98 100

100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.917 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

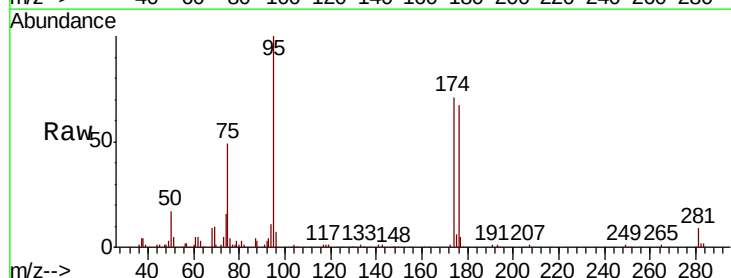
Tgt Ion: 95 Resp: 51384

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.2

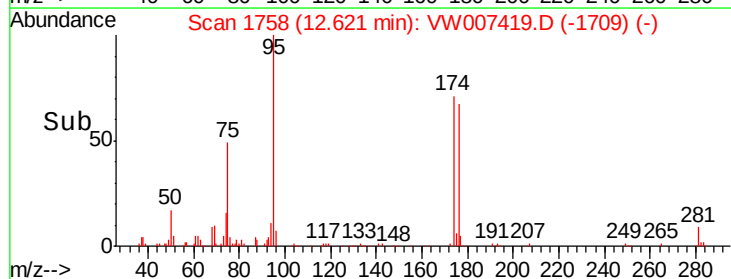
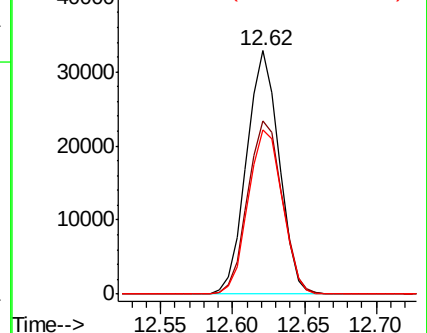
176 71.2 0.0 138.8

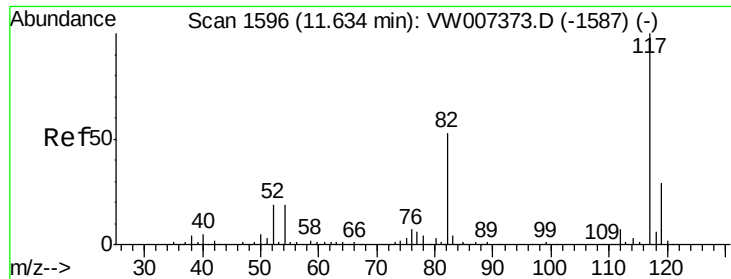


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

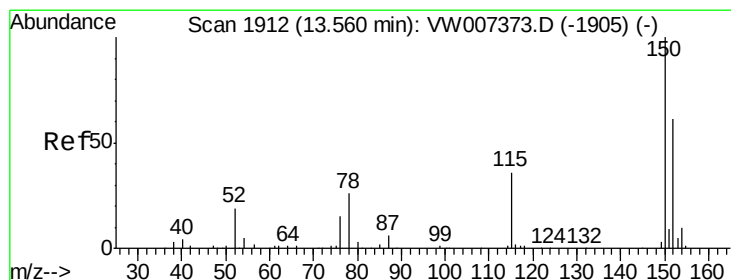
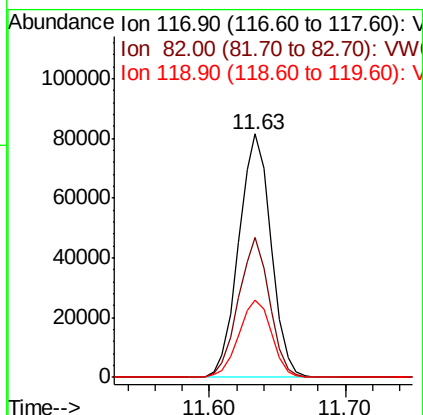
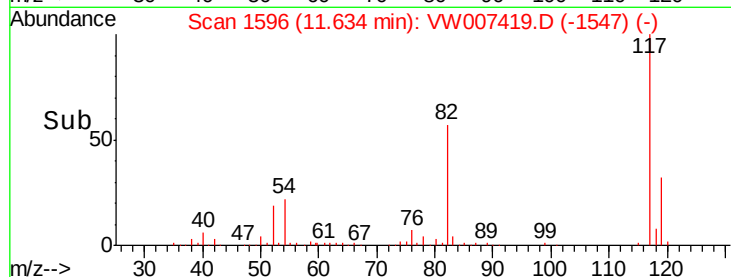
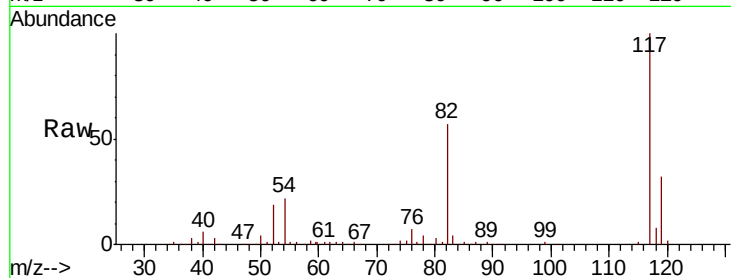




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007419.D
Acq: 12 Dec 2018 03:30

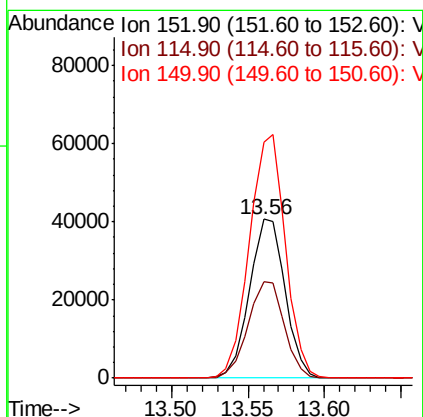
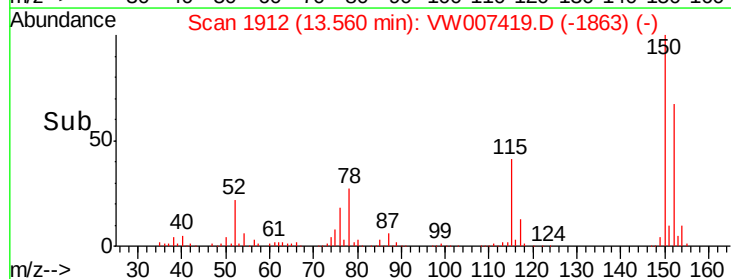
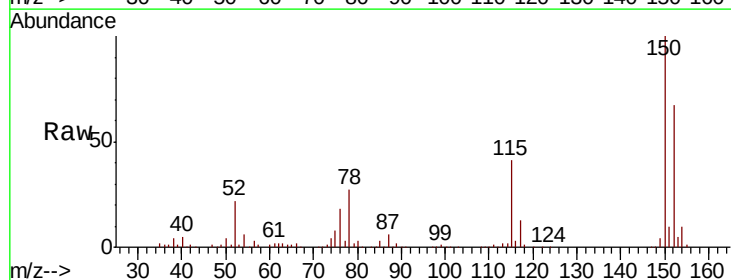
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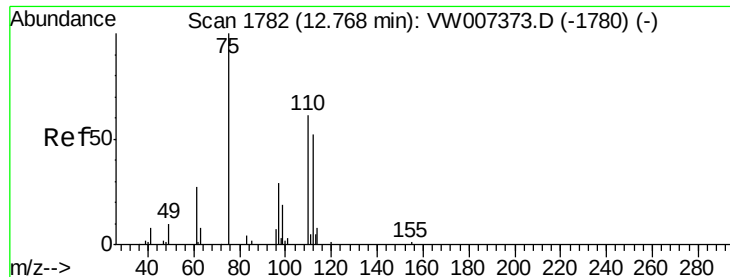
Tgt Ion:117 Resp: 134960
Ion Ratio Lower Upper
117 100
82 57.4 42.3 63.5
119 32.0 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007419.D
Acq: 12 Dec 2018 03:30

Tgt Ion:152 Resp: 65863
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.2
150 154.7 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 47.555 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

Instrument :

MSVOA_W

ClientSampleId :

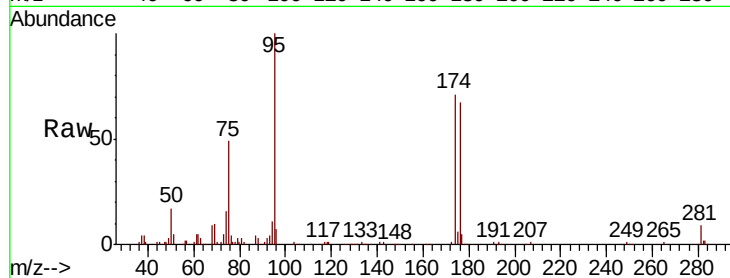
BF-05-120418

Tgt Ion: 75 Resp: 25825

Ion Ratio Lower Upper

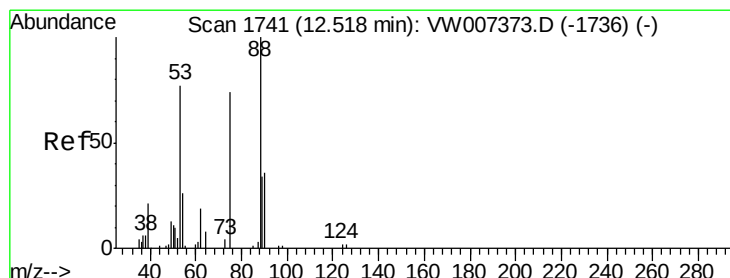
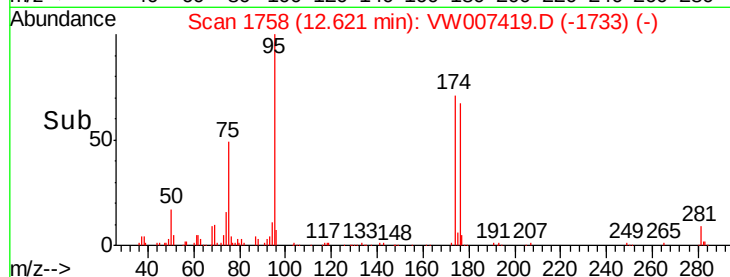
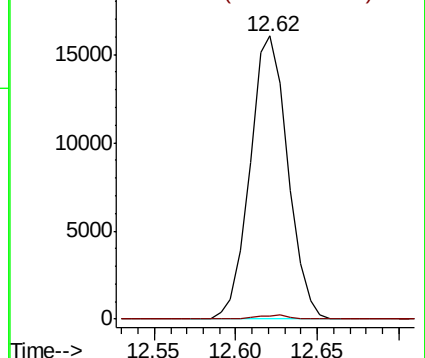
75 100

77 1.2 166.9 500.8#



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: 105.049 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007419.D

Acq: 12 Dec 2018 03:30

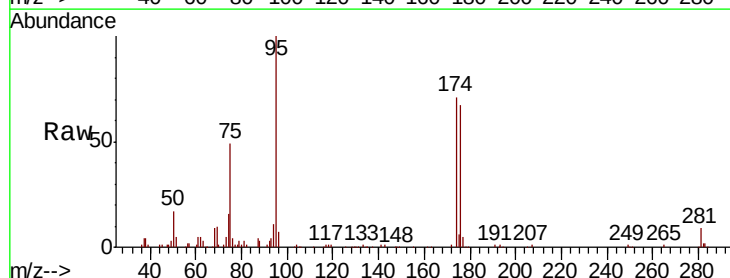
Tgt Ion: 75 Resp: 25825

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

