

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121718\
 Data File : VW007532.D
 Acq On : 14 Dec 2018 13:50
 Operator : SY/AP
 Sample : J6371-02
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-1-2

Quant Time: Dec 14 14:13:43 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	95858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44166	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	44196	41.56	ug/l	0.00
Spiked Amount			Recovery	=	83.12%	
35) Dibromofluoromethane	7.88	113	9103	9.46	ug/l	0.00
Spiked Amount			Recovery	=	18.92%	
50) Toluene-d8	10.32	98	158979	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	12.62	95	48364	36.45	ug/l	0.00
Spiked Amount			Recovery	=	72.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3195	17.200	ug/l	92
25) 2-Butanone	7.18	43	388	1.600	ug/l #	45
31) Cyclohexane	7.95	56	2181	1.320	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	7109	4.901	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10368	6.569	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	634	1.259	ug/l #	1
52) Toluene	10.39	92	10885	4.178	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	25202	69.206	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25202	152.876	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA_W

ClientSampleId :

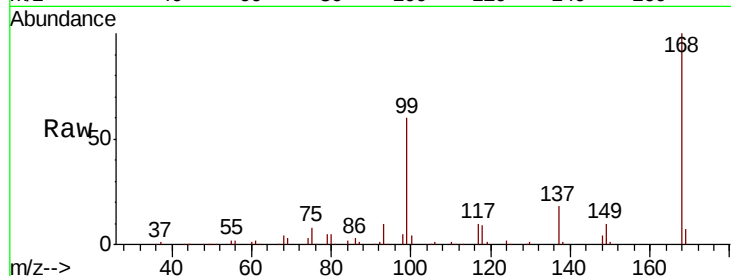
EB07-1-2

Tot Ion:168 Resp: 95858

Ion Ratio Lower Upper

168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

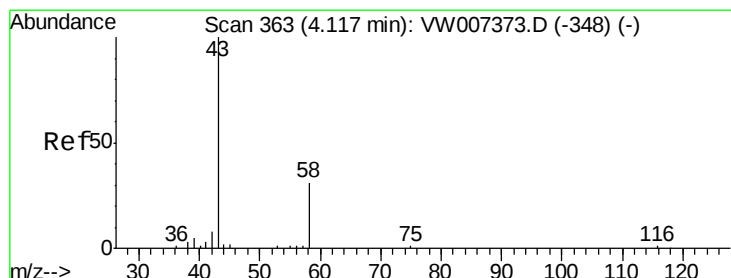
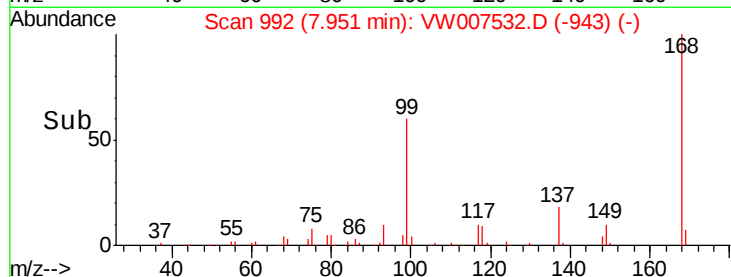
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 17.200 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007532.D

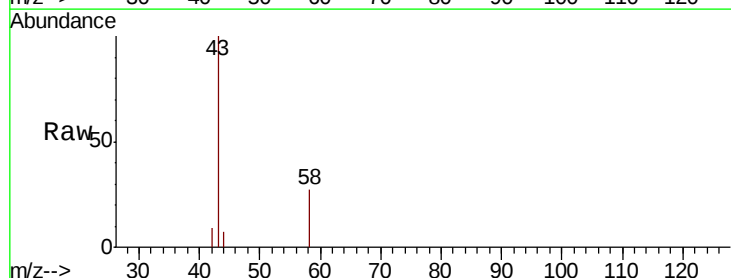
Acq: 14 Dec 2018 13:50

Tgt Ion: 43 Resp: 3195

Ion Ratio Lower Upper

43 100

58 26.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

1000

500

0

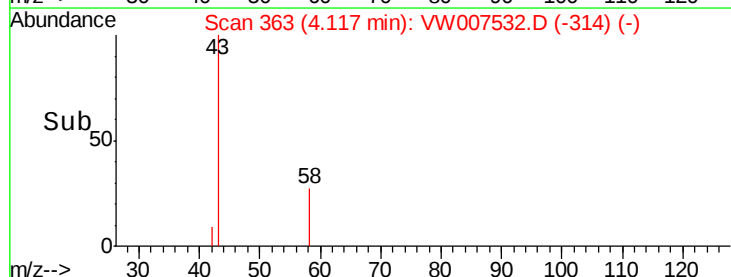
Time-->

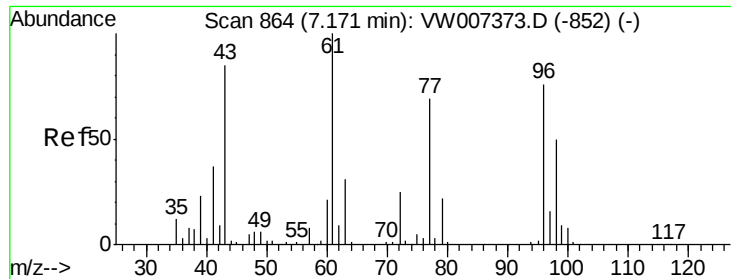
4.05

4.10

4.15

4.20





#25

2-Butanone

Concen: 1.600 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA_W

ClientSampleId :

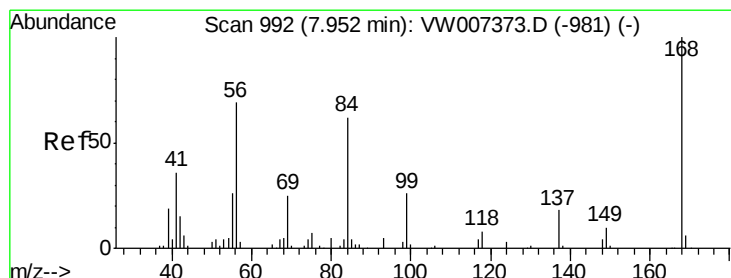
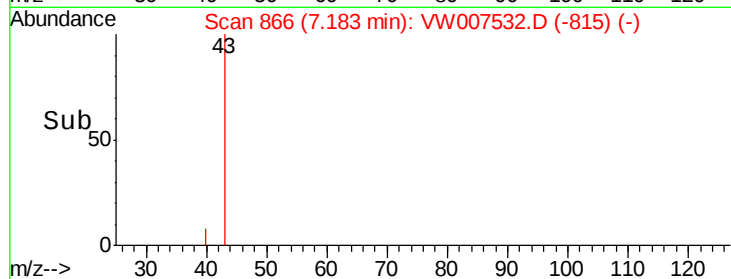
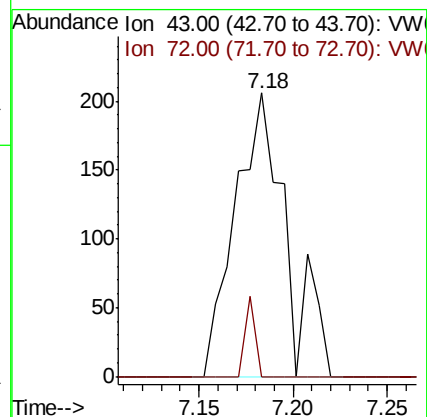
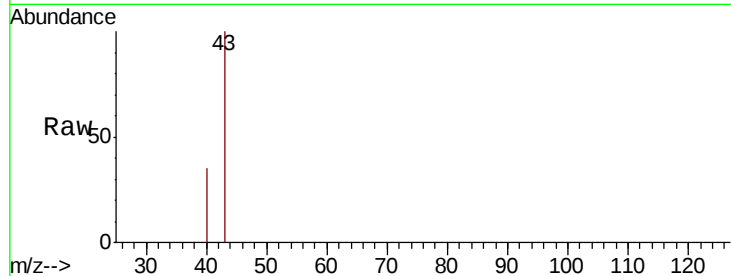
EB07-1-2

Tot Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

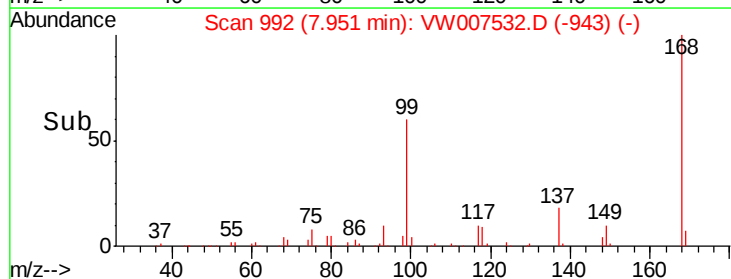
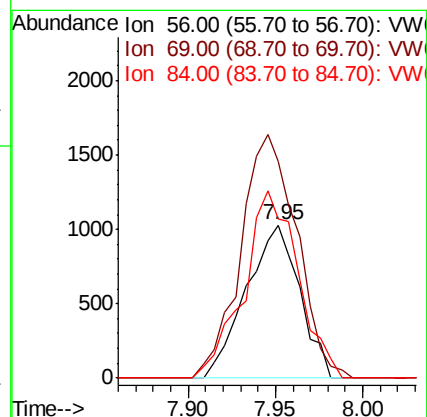
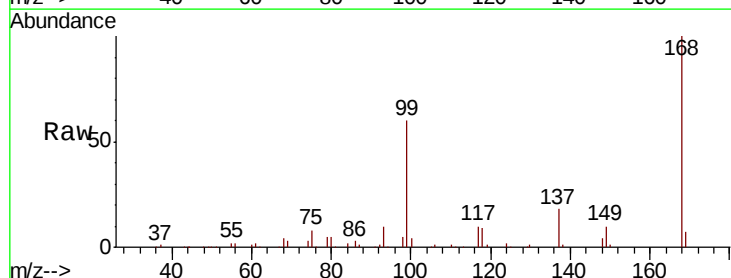
Tgt Ion: 56 Resp: 2181

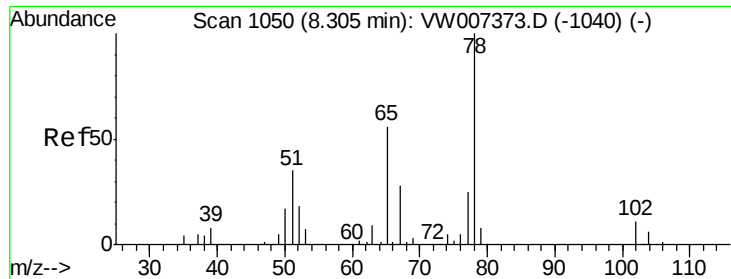
Ion Ratio Lower Upper

56 100

69 141.8 28.9 43.3#

84 104.1 71.8 107.6

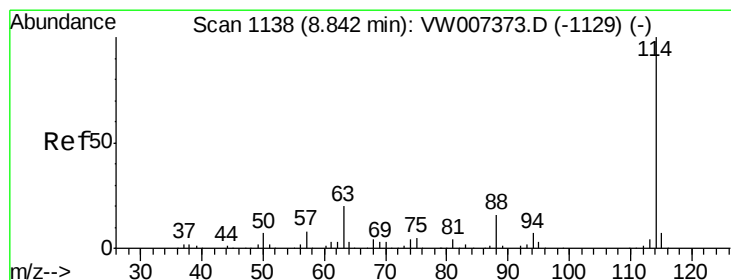
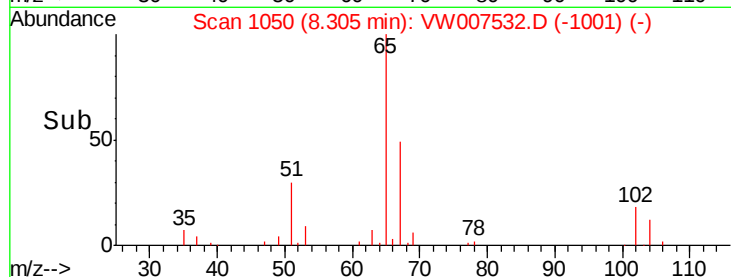
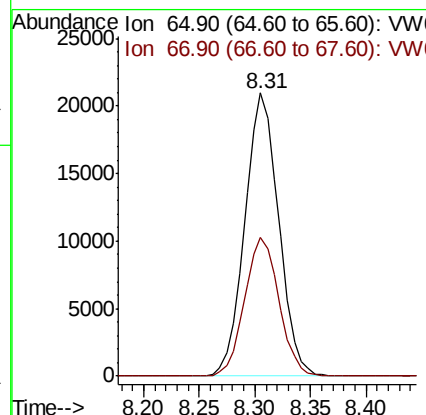
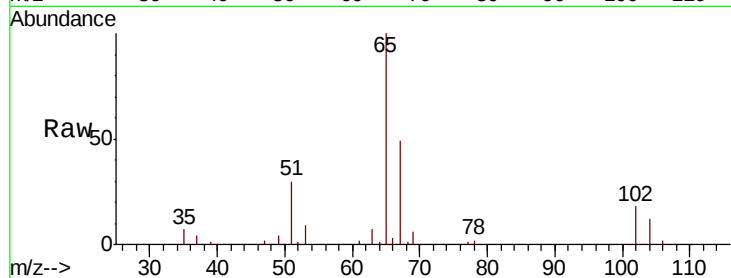




#33
 1,2-Dichloroethane-d4
 Concen: 41.558 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007532.D
 Acq: 14 Dec 2018 13:50

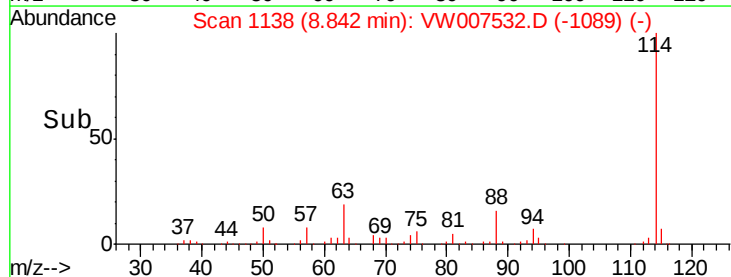
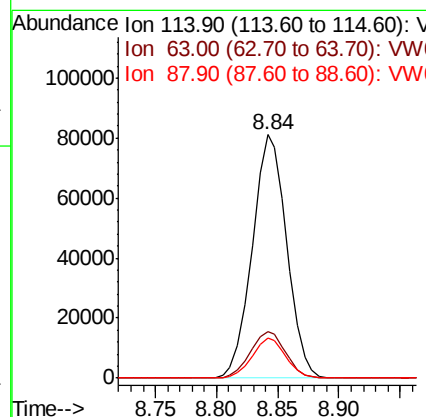
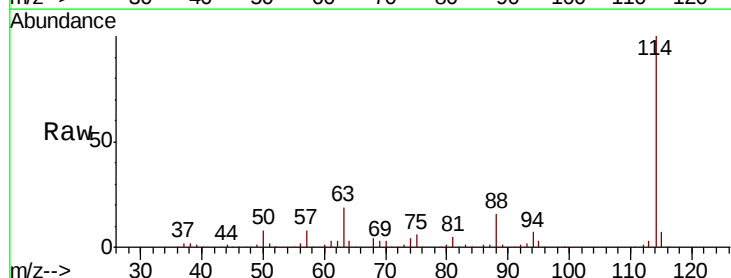
Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-1-2

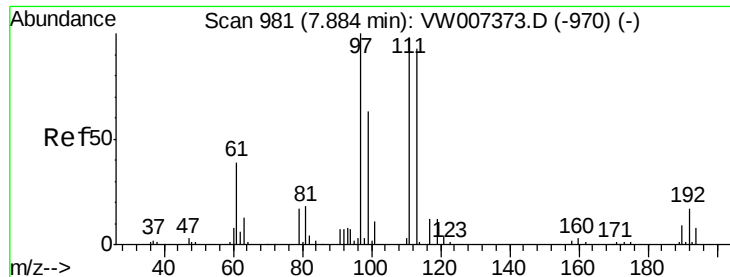
Tot Ion: 65 Resp: 44196
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007532.D
 Acq: 14 Dec 2018 13:50

Tgt Ion: 114 Resp: 159014
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 16.5 0.0 31.4

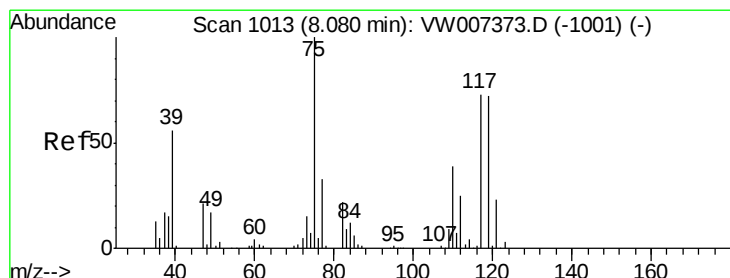
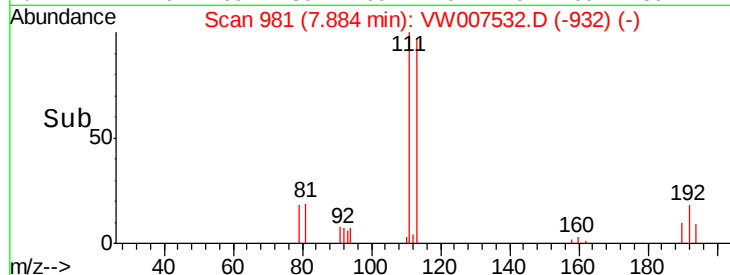
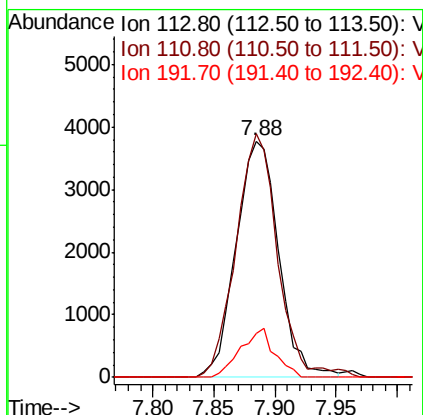
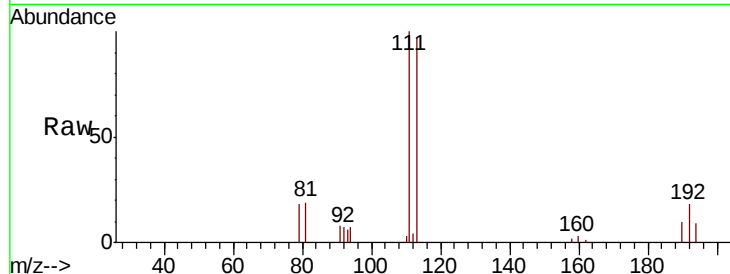




#35
 Dibromofluoromethane
 Concen: 9.457 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007532.D
 Acq: 14 Dec 2018 13:50

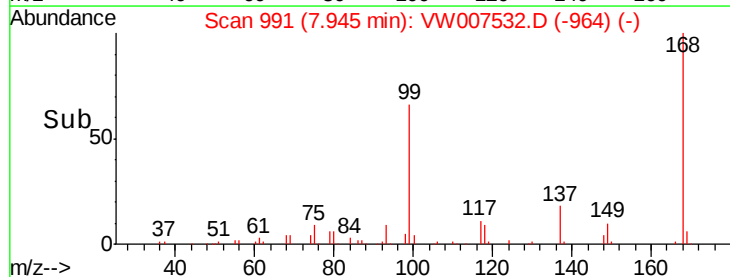
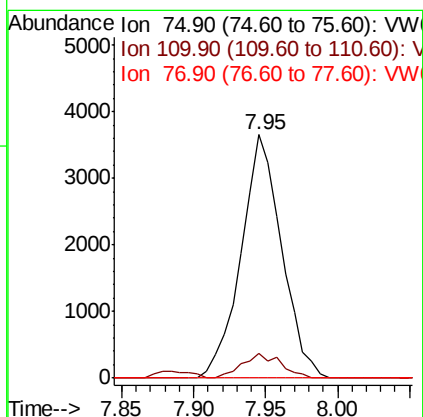
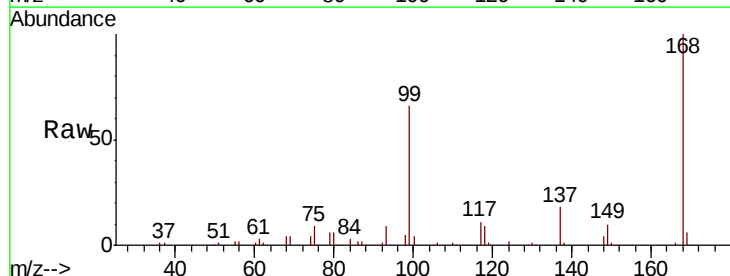
Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-1-2

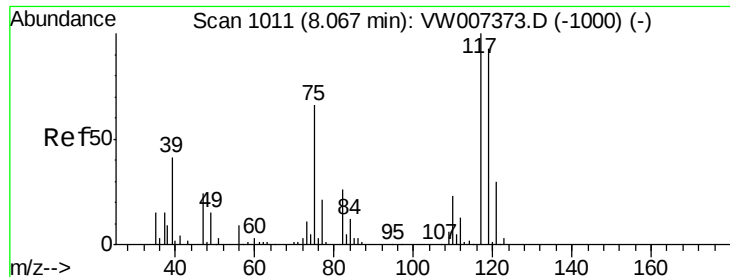
Tot Ion:113 Resp: 9103
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.1 121.7
 192 16.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.901 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007532.D
 Acq: 14 Dec 2018 13:50

Tgt Ion: 75 Resp: 7109
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.5 55.5#
 77 0.0 25.6 38.4#

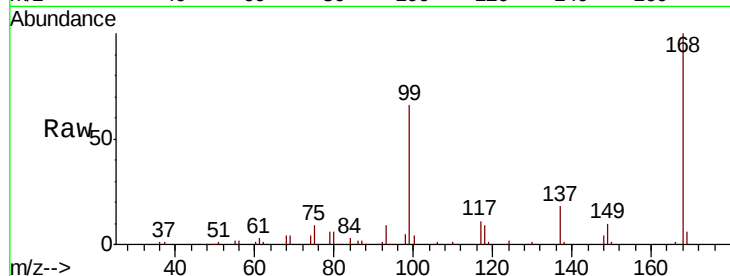




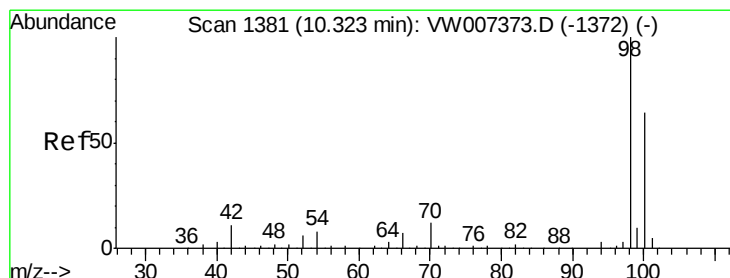
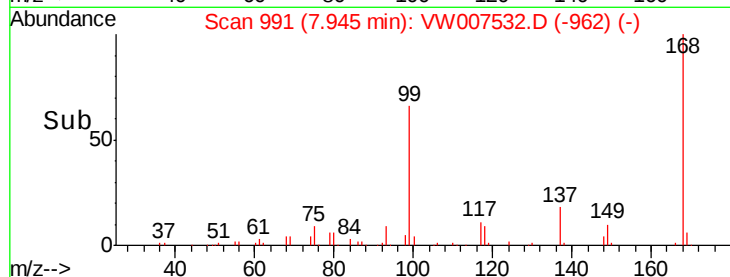
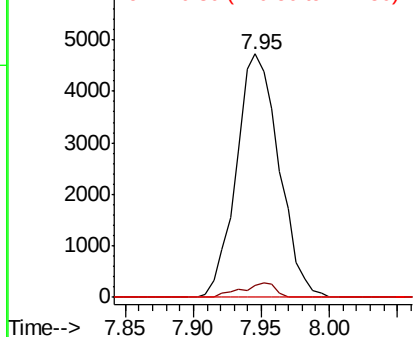
#38
Carbon Tetrachloride
Concen: 6.569 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007532.D
Acq: 14 Dec 2018 13:50

Instrument :
MSVOA_W
ClientSampleId :
EB07-1-2

Tot Ion:117 Resp: 10368
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 0.0 24.3 36.5#

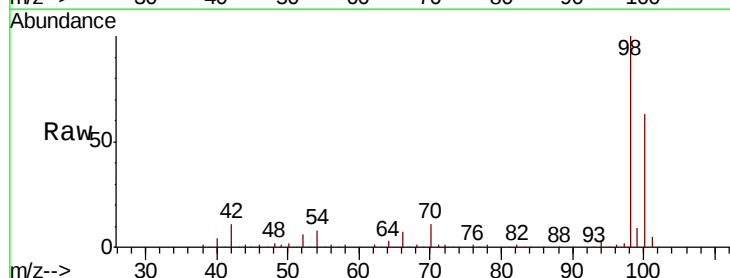


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

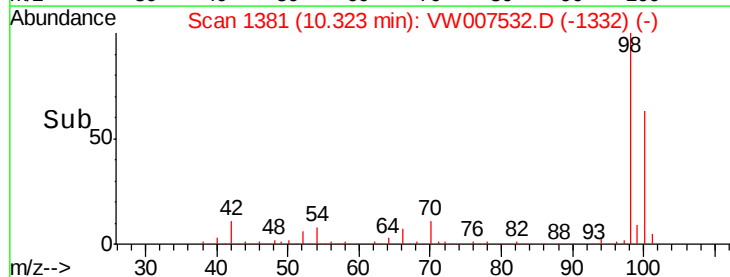
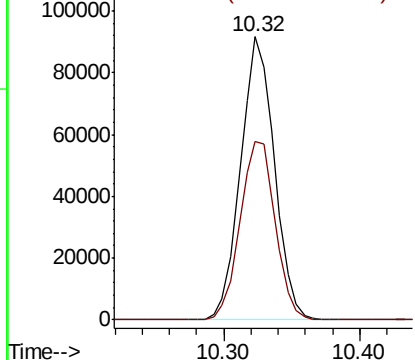


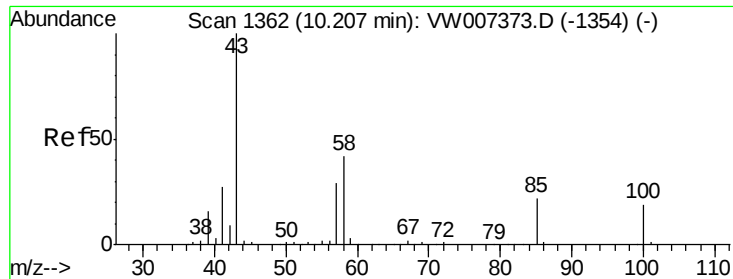
#50
Toluene-d8
Concen: 44.049 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007532.D
Acq: 14 Dec 2018 13:50

Tgt Ion: 98 Resp: 158979
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.259 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA_W

ClientSampled :

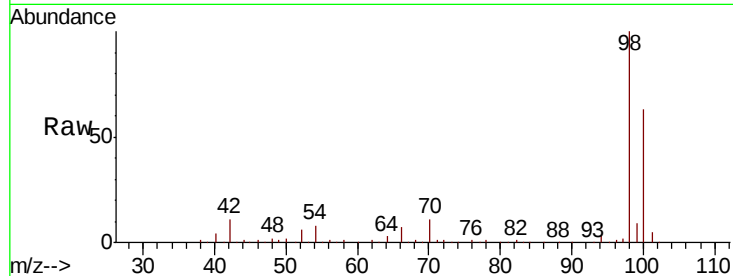
EB07-1-2

Tot Ion: 43 Resp: 634

Ion Ratio Lower Upper

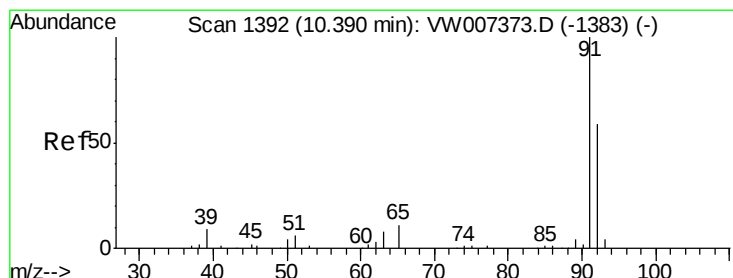
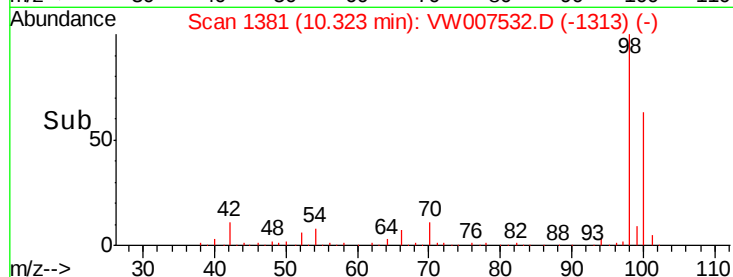
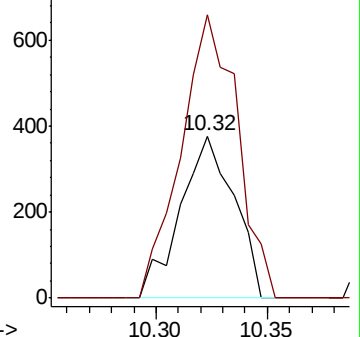
43 100

58 183.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 4.178 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007532.D

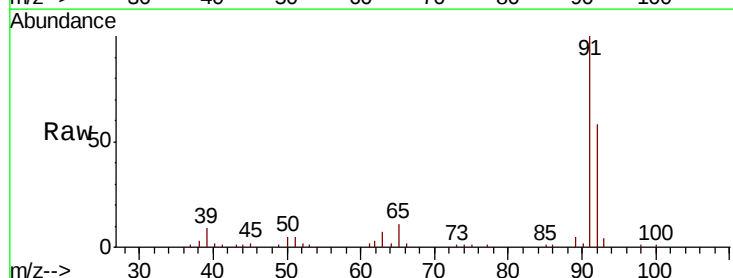
Acq: 14 Dec 2018 13:50

Tgt Ion: 92 Resp: 10885

Ion Ratio Lower Upper

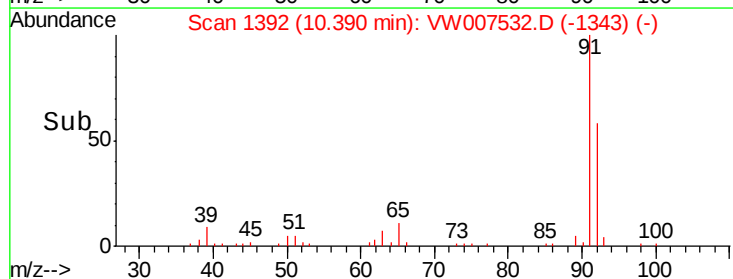
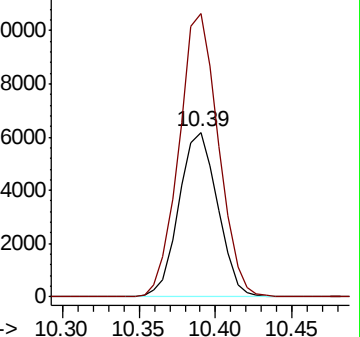
92 100

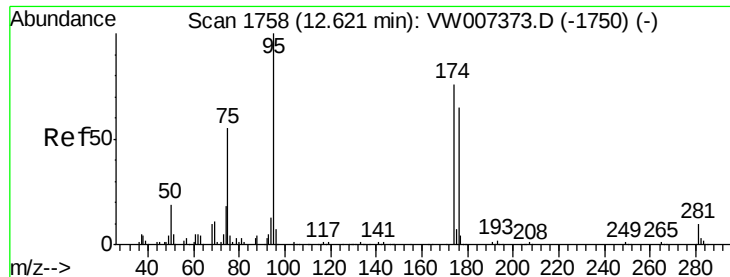
91 175.0 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 36.447 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA_W

ClientSampleId :

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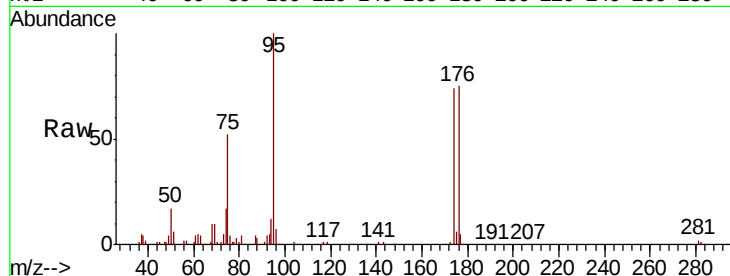
Tot Ion: 95 Resp: 48364

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.2

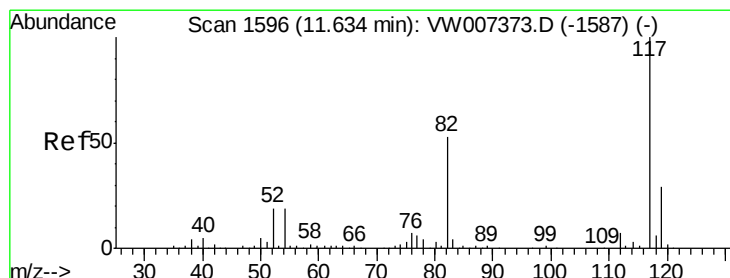
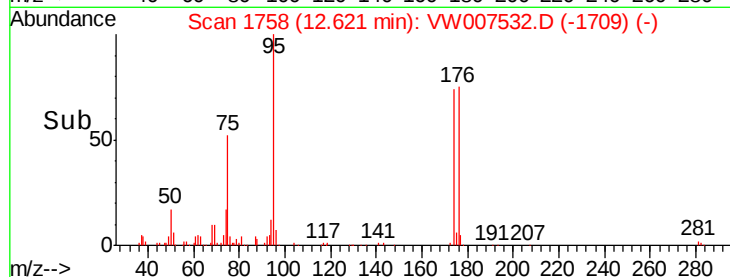
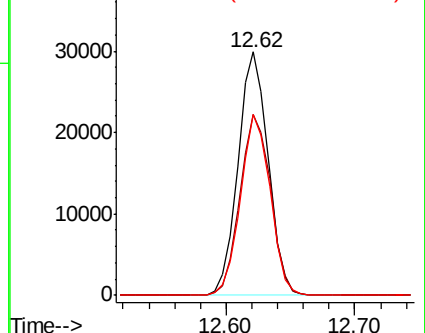
176 72.9 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

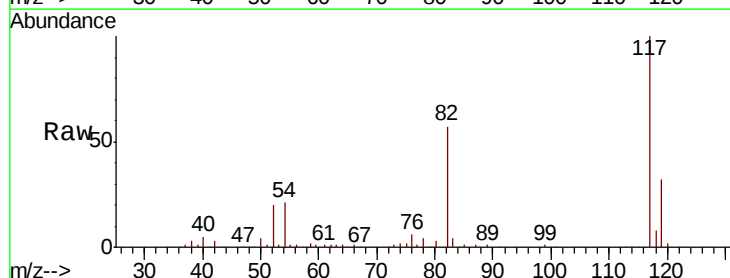
Tgt Ion: 117 Resp: 125070

Ion Ratio Lower Upper

117 100

82 57.0 42.3 63.5

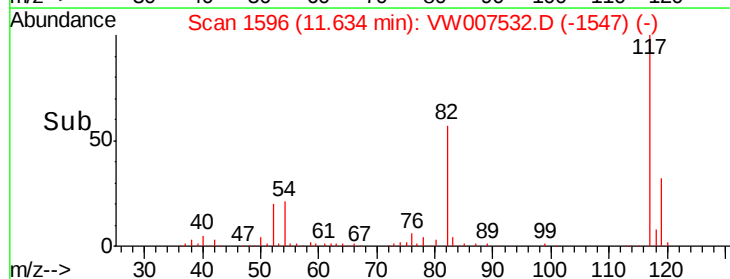
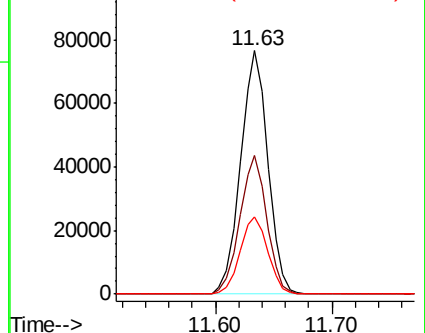
119 31.6 23.0 34.6

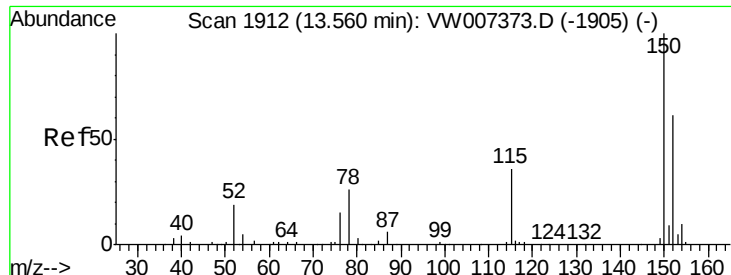


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA_W

ClientSampleId :

EB07-1-2

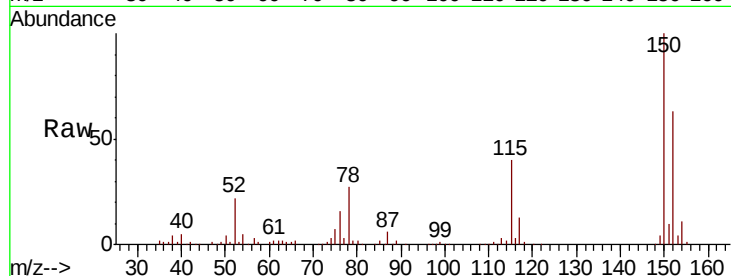
Tot Ion:152 Resp: 44166

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

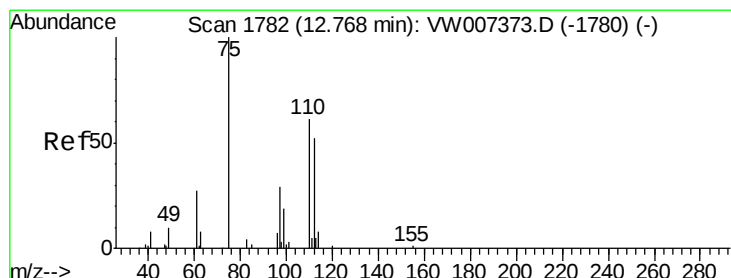
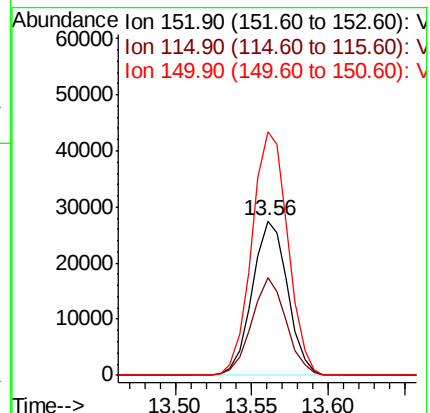
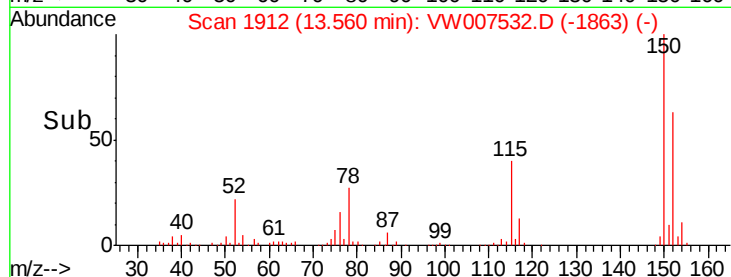
150 160.9 0.0 358.4



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: 69.206 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007532.D

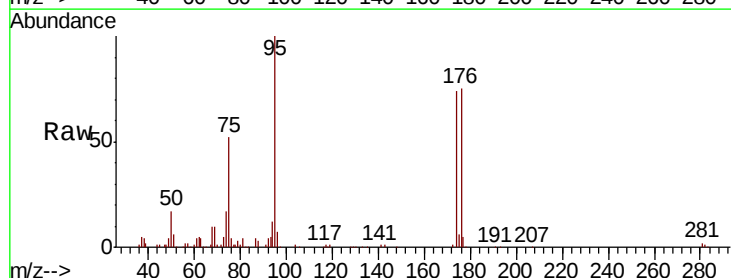
Acq: 14 Dec 2018 13:50

Tgt Ion: 75 Resp: 25202

Ion Ratio Lower Upper

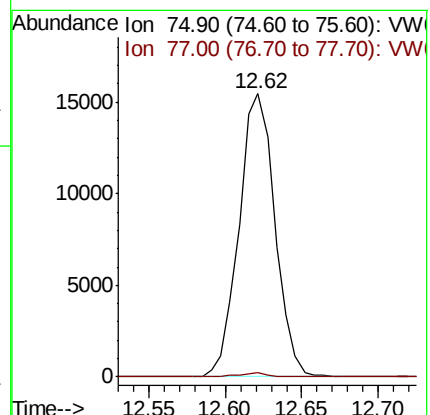
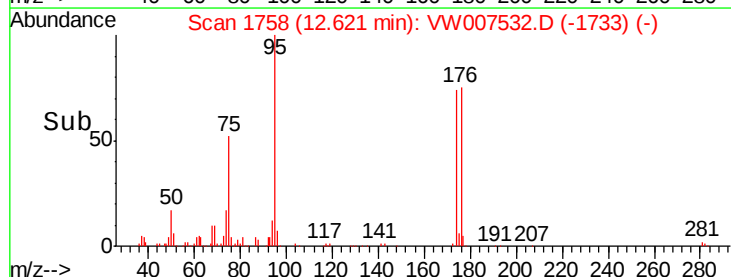
75 100

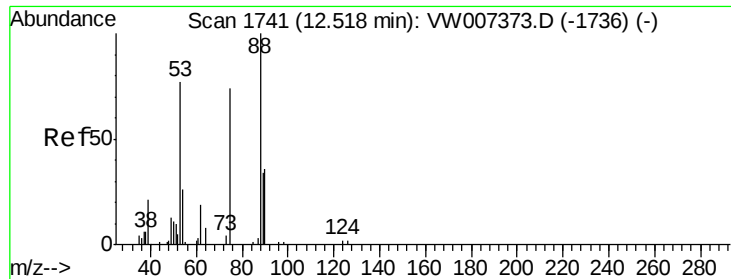
77 1.0 166.9 500.8#



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: 152.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007532.D

Acq: 14 Dec 2018 13:50

Instrument :

MSVOA_W

ClientSampleId :

EB07-1-2

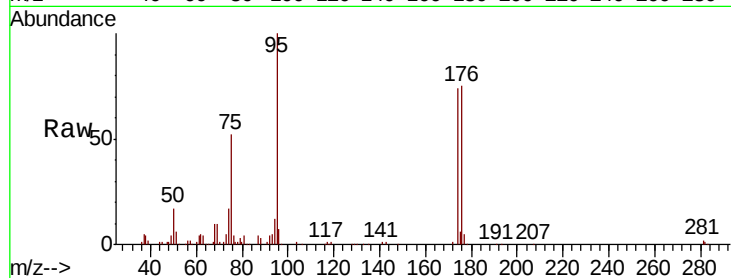
Tot Ion: 75 Resp: 25202

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

