

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007713.D
 Acq On : 19 Dec 2018 21:19
 Operator : SY/AP
 Sample : J6392-04
 Misc : 6.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB102-121118-(15-17)

Quant Time: Dec 20 06:51:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

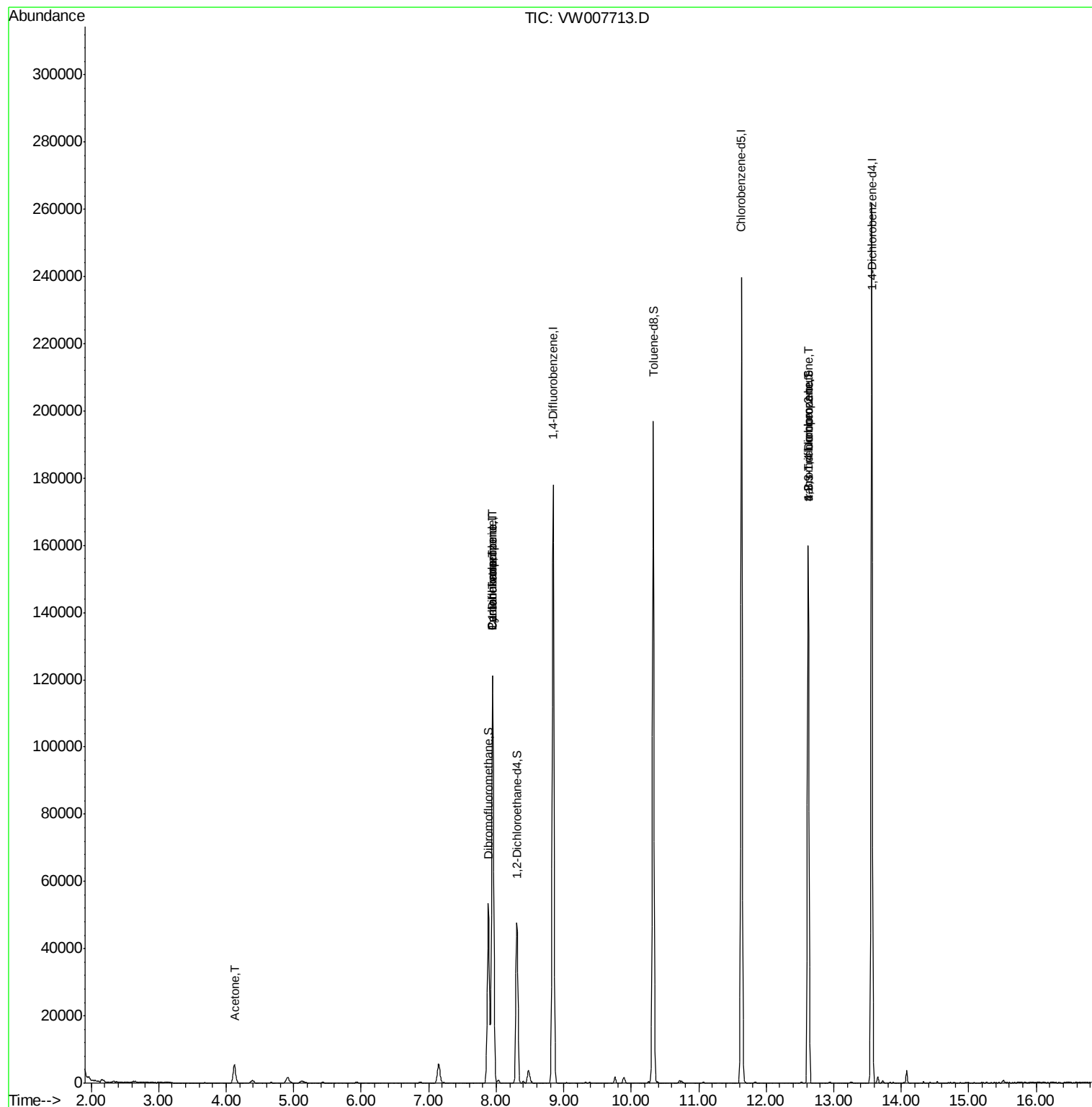
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	150330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41597	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
35) Dibromofluoromethane	7.88	113	38222	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.36%	
50) Toluene-d8	10.32	98	132808	38.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.82%	
62) 4-Bromofluorobenzene	12.62	95	52583	39.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.74%	
Target Compounds						
16) Acetone	4.12	43	9653	52.330	ug/l	100
20) Methylene Chloride	4.91	84	1678	Below Cal	#	81
31) Cyclohexane	7.95	56	1845	1.258	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	6831	4.708	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9686	5.668	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	27118	51.677	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27118	108.474	ug/l #	9

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007713.D

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ClientSampleId :

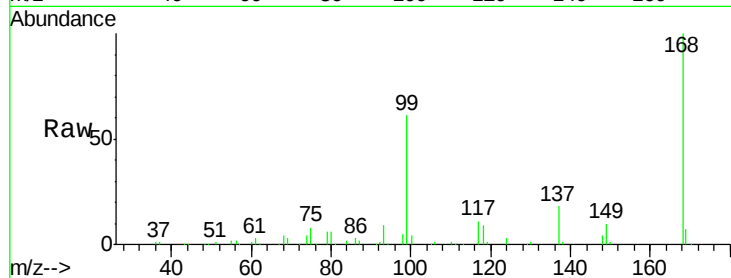
KY001SB102-121118-(15-17)

Tgt Ion:168 Resp: 89875

Ion Ratio Lower Upper

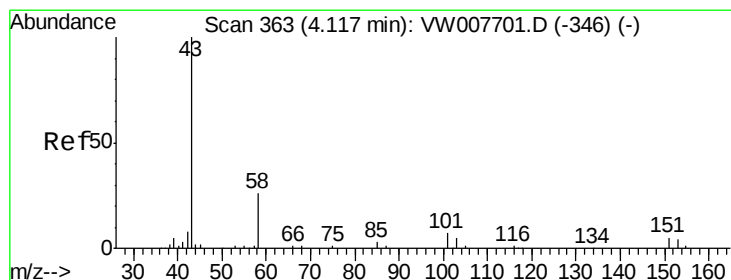
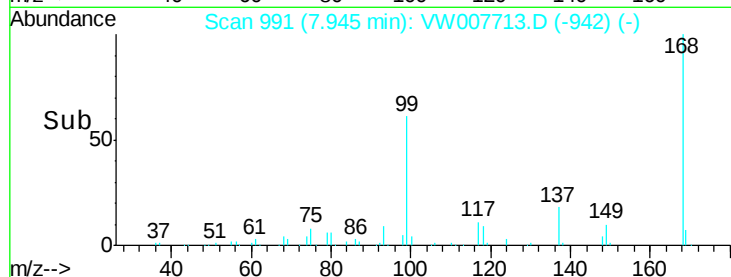
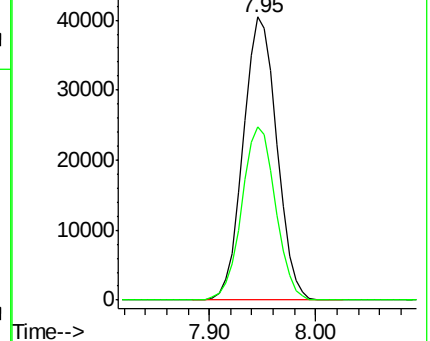
168 100

99 61.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 52.330 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007713.D

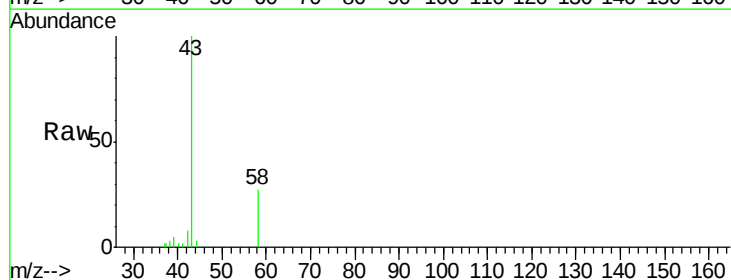
Acq: 19 Dec 2018 21:19

Tgt Ion: 43 Resp: 9653

Ion Ratio Lower Upper

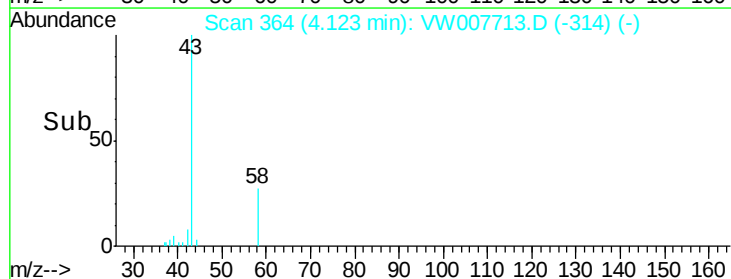
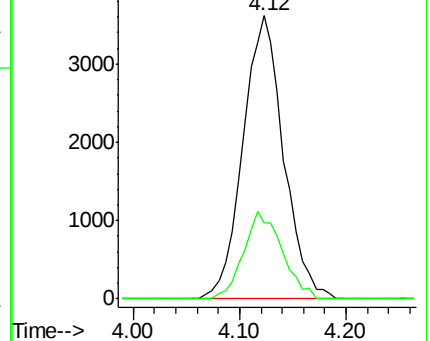
43 100

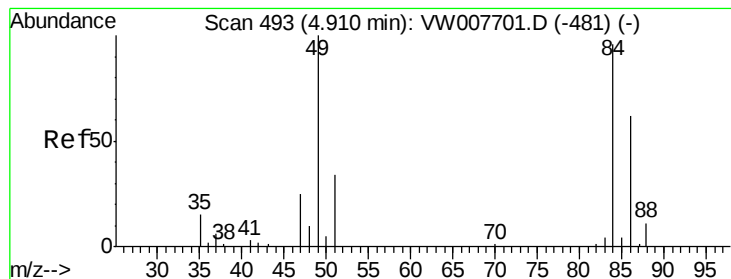
58 26.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007713.D

Acq: 19 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

KY001SB102-121118-(15-17)

Tgt Ion: 84 Resp: 1678

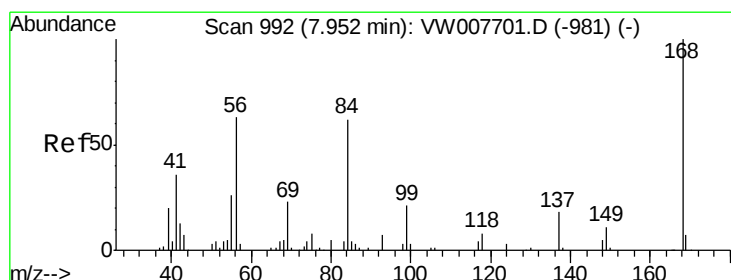
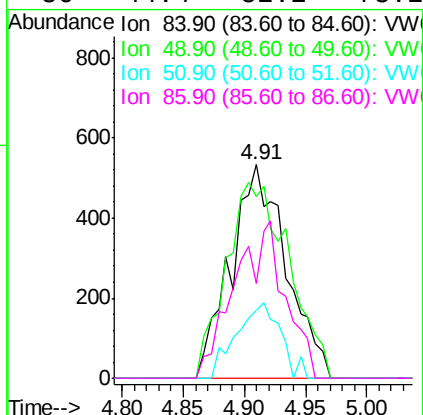
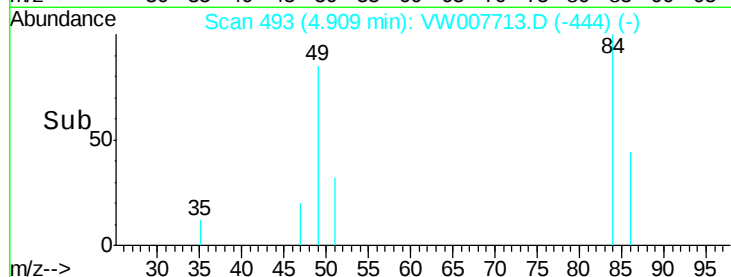
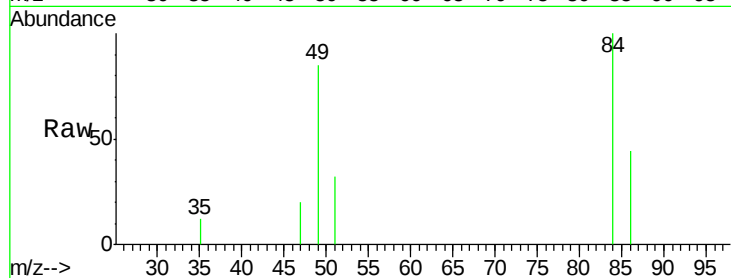
Ion Ratio Lower Upper

84 100

49 84.8 83.7 125.5

51 32.0 28.2 42.2

86 44.4 52.2 78.2#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007713.D

Acq: 19 Dec 2018 21:19

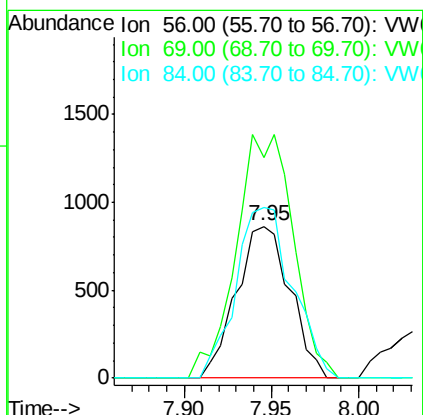
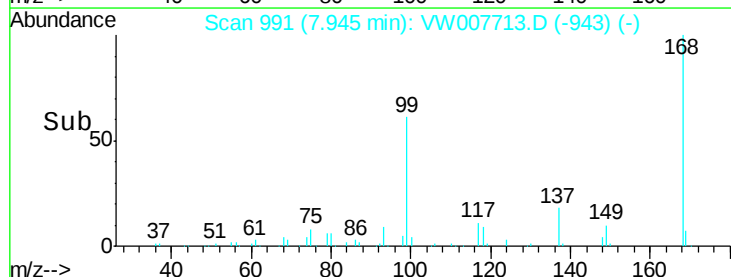
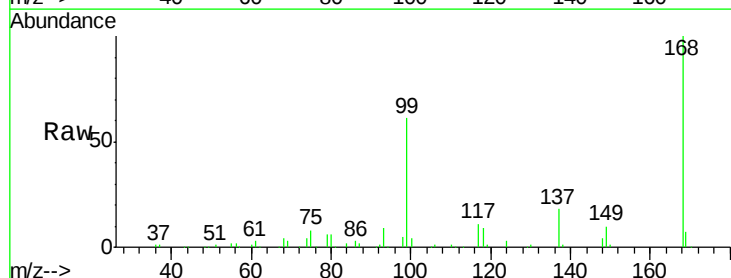
Tgt Ion: 56 Resp: 1845

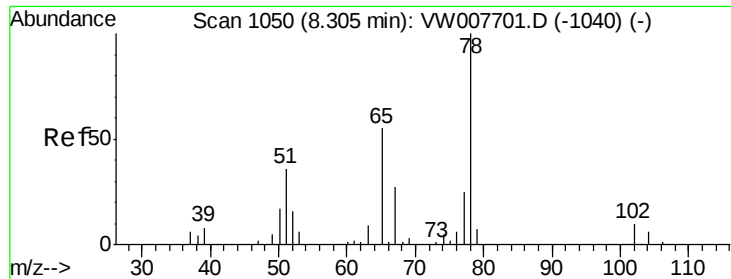
Ion Ratio Lower Upper

56 100

69 145.4 29.7 44.5#

84 112.4 78.9 118.3

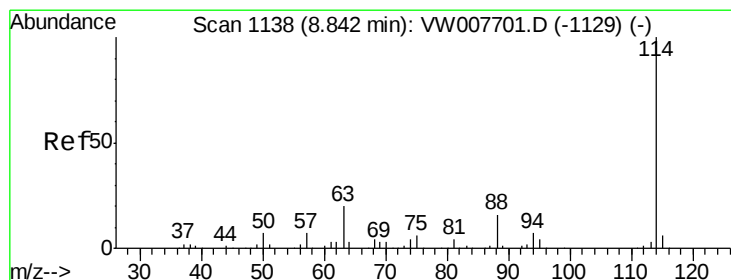
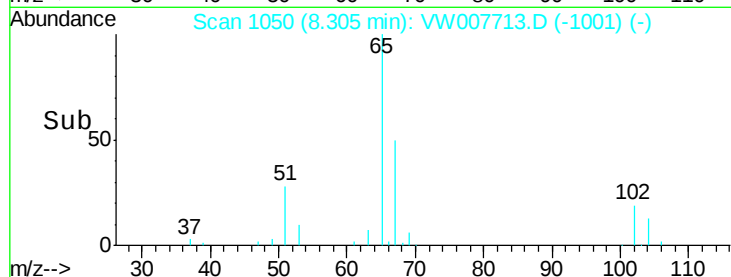
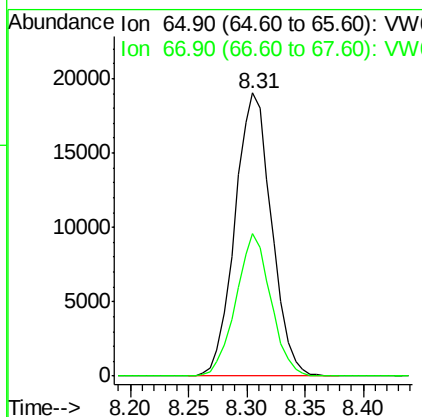
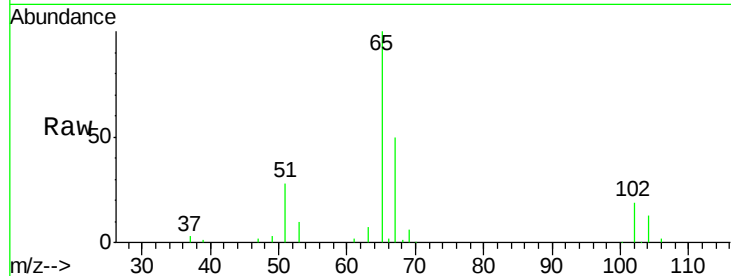




#33
 1,2-Dichloroethane-d4
 Concen: 42.227 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007713.D
 Acq: 19 Dec 2018 21:19

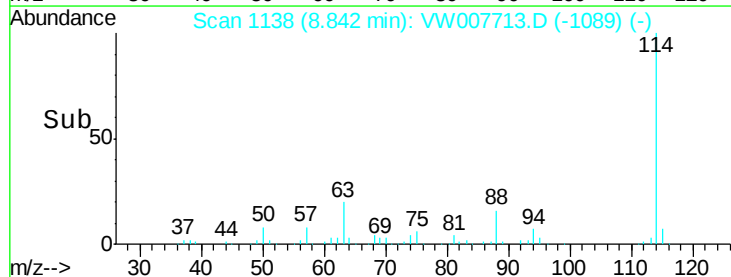
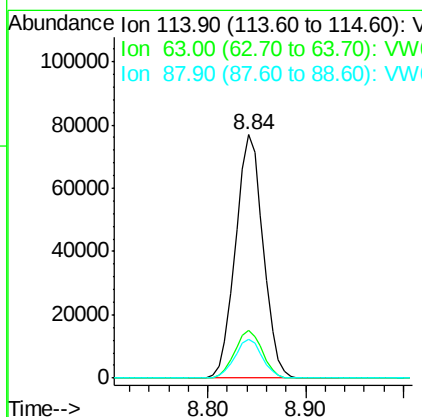
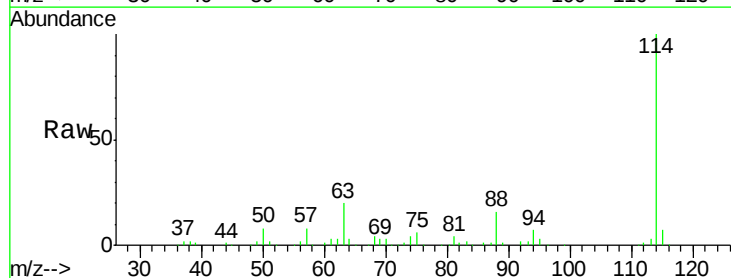
Instrument :
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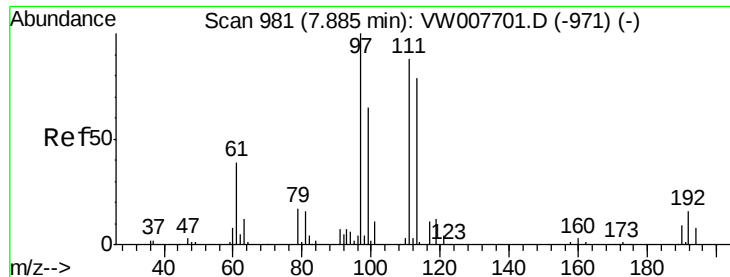
Tgt Ion: 65 Resp: 41597
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007713.D
 Acq: 19 Dec 2018 21:19

Tgt Ion: 114 Resp: 150330
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 16.1 0.0 32.6

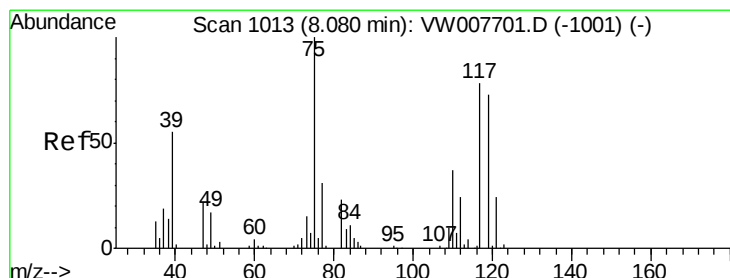
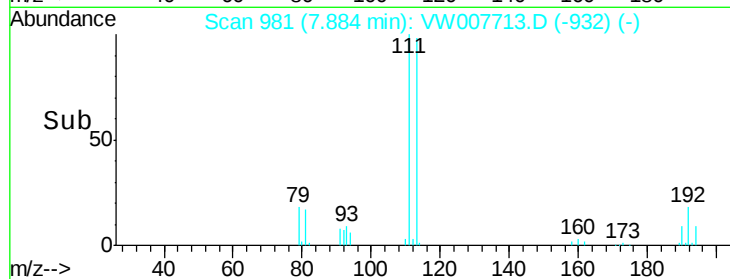
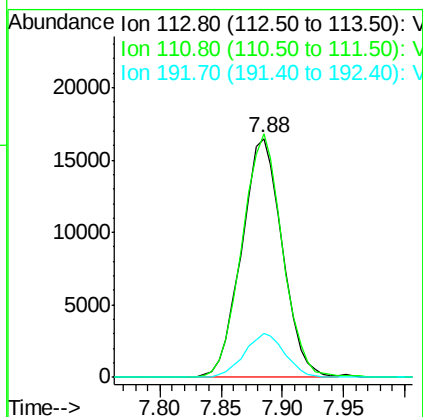
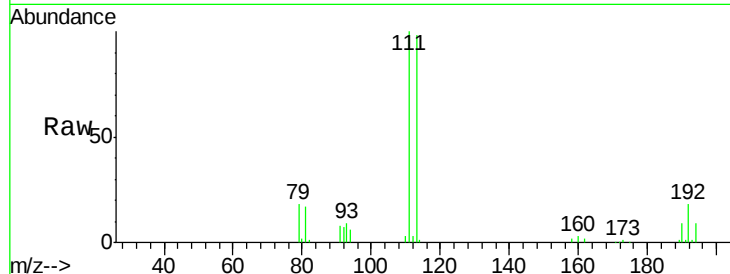




#35
 Dibromofluoromethane
 Concen: 41.678 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007713.D
 Acq: 19 Dec 2018 21:19

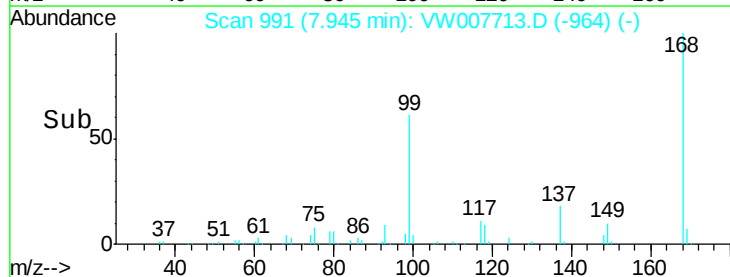
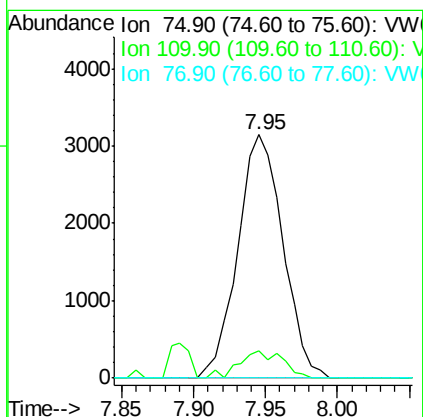
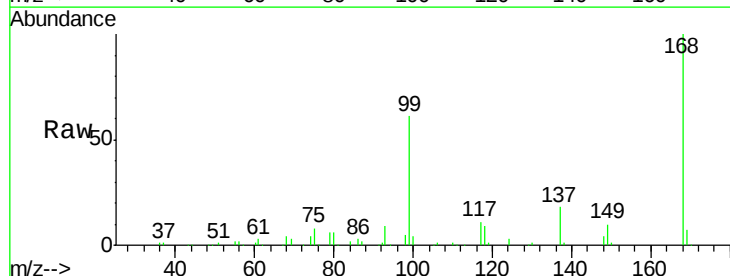
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB102-121118-(15-17)

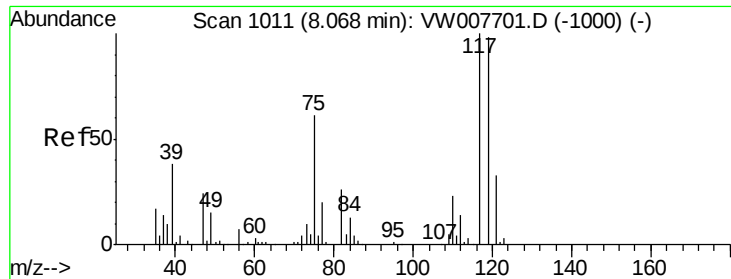
Tgt Ion:113 Resp: 38222
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 124.0
 192 18.2 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.708 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007713.D
 Acq: 19 Dec 2018 21:19

Tgt Ion: 75 Resp: 6831
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.6 55.8#
 77 0.0 25.0 37.4#

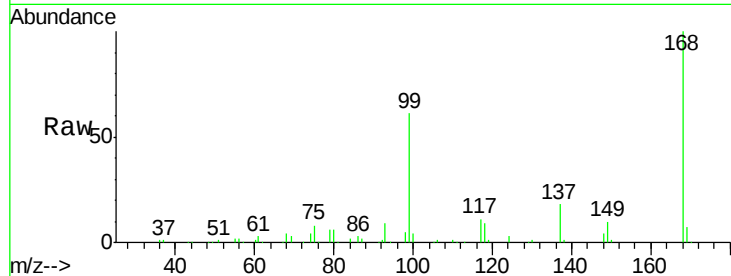




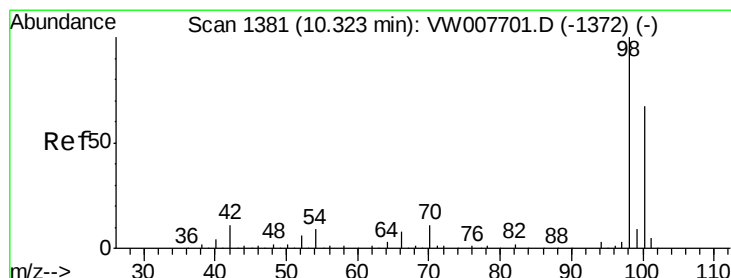
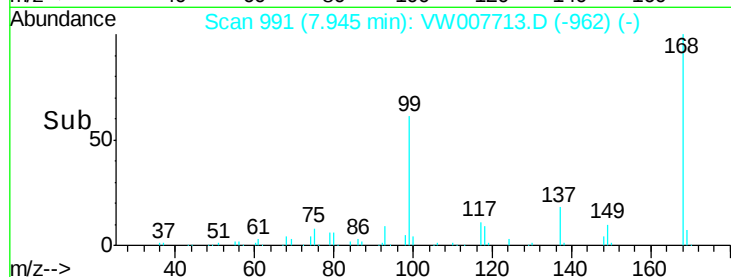
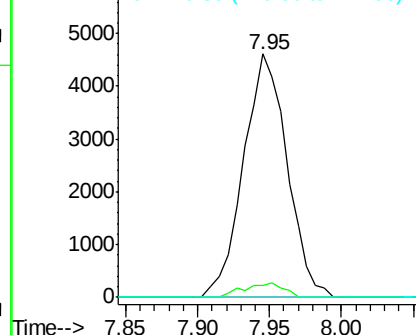
#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007713.D
Acq: 19 Dec 2018 21:19

Instrument :
MSVOA_W
ClientSampleId :
KY001SB102-121118-(15-17)

Tgt Ion: 117 Resp: 9686
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 26.1 39.1#

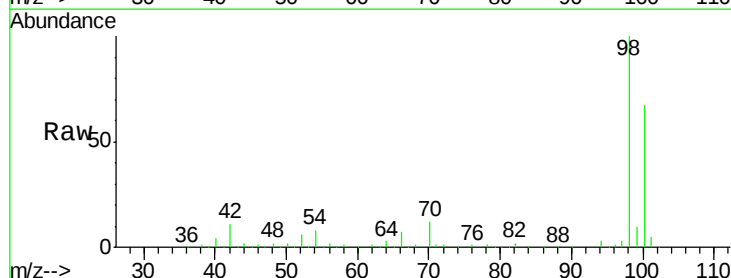


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

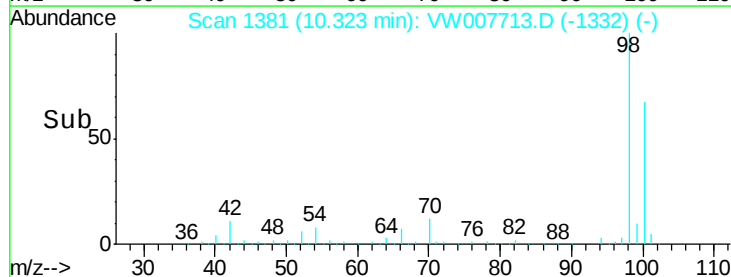
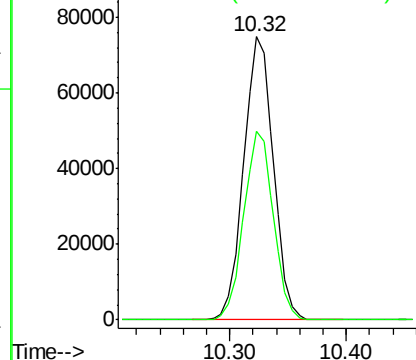


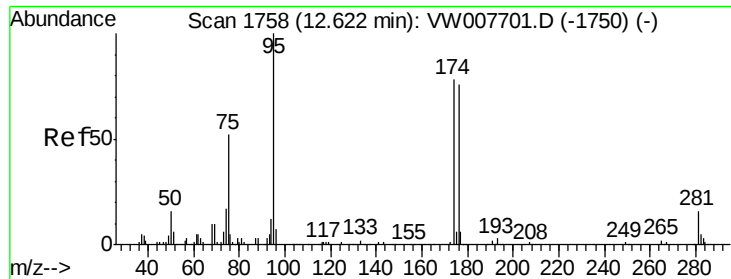
#50
Toluene-d8
Concen: 38.414 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007713.D
Acq: 19 Dec 2018 21:19

Tgt Ion: 98 Resp: 132808
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2



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





#62

4-Bromofluorobenzene

Concen: 39.369 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007713.D

Acq: 19 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

KY001SB102-121118-(15-17)

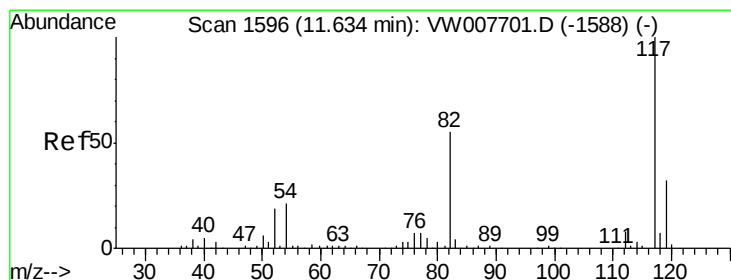
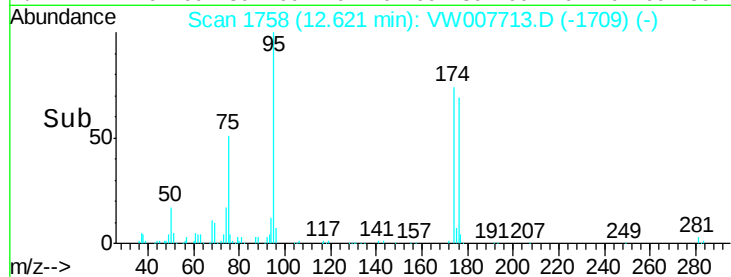
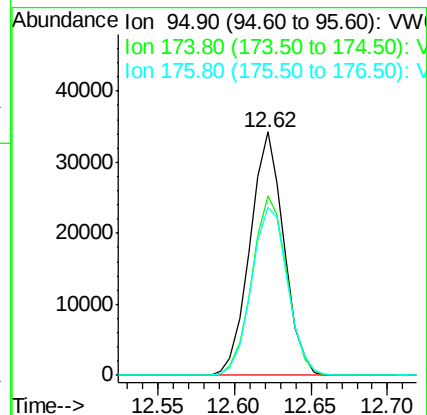
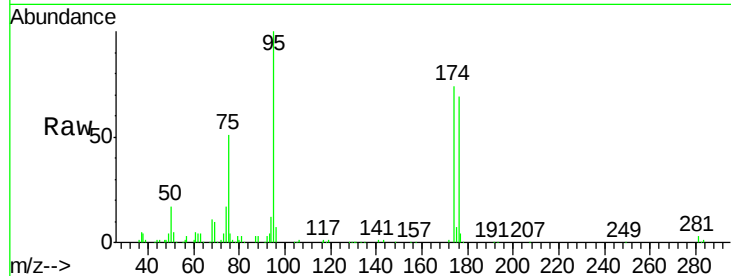
Tgt Ion: 95 Resp: 52583

Ion Ratio Lower Upper

95 100

174 76.3 0.0 152.2

176 73.6 0.0 146.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007713.D

Acq: 19 Dec 2018 21:19

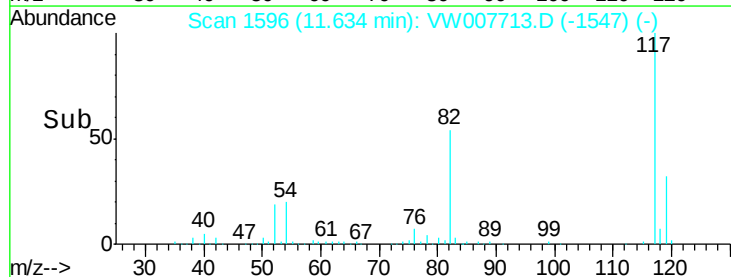
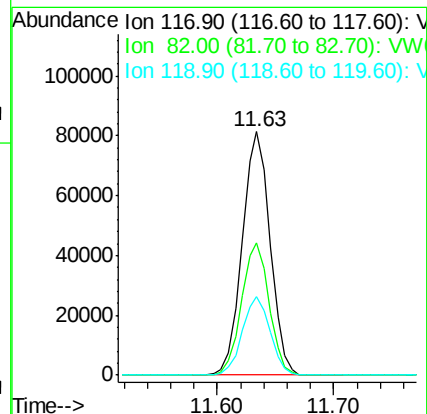
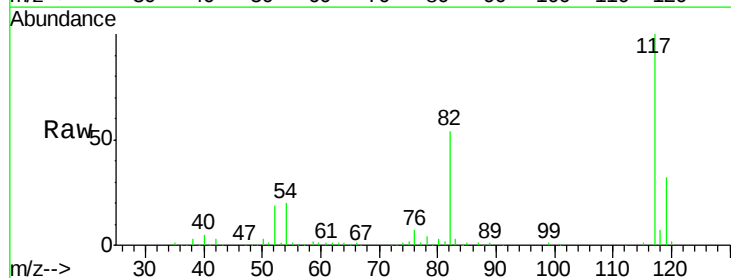
Tgt Ion: 117 Resp: 135640

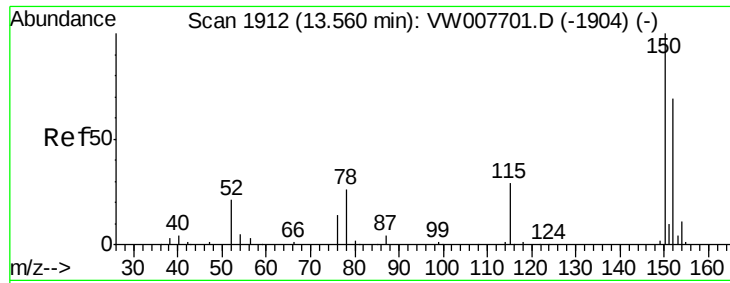
Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007713.D

Acq: 19 Dec 2018 21:19

Instrument :

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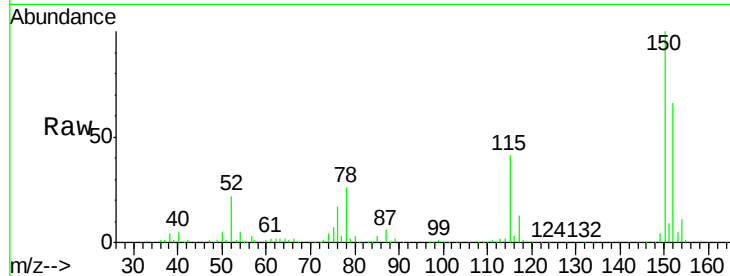
Tgt Ion:152 Resp: 67894

Ion Ratio Lower Upper

152 100

115 61.2 31.8 95.4

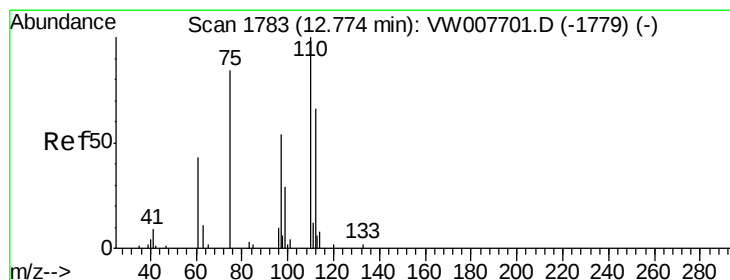
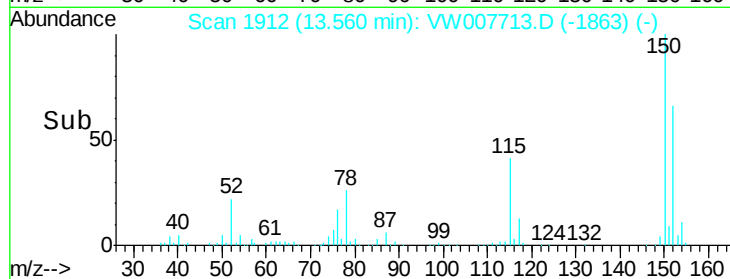
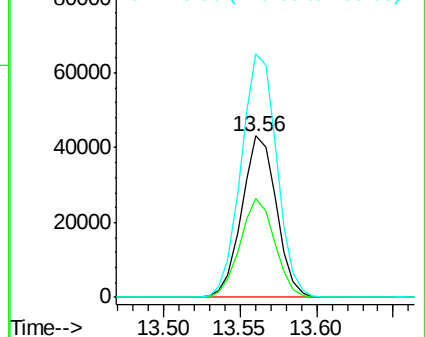
150 155.1 0.0 350.8



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: 51.677 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007713.D

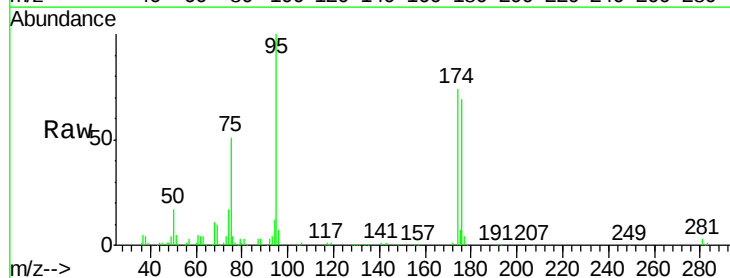
Acq: 19 Dec 2018 21:19

Tgt Ion: 75 Resp: 27118

Ion Ratio Lower Upper

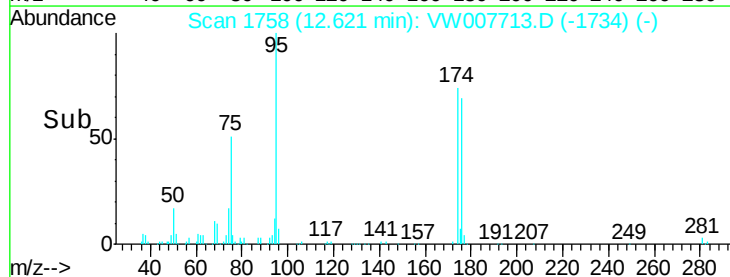
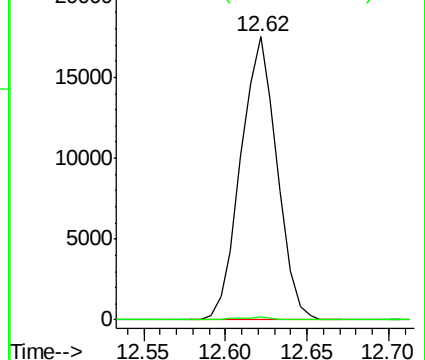
75 100

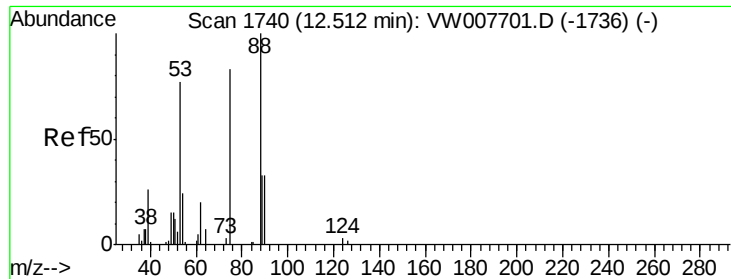
77 0.9 0.0 0.0#



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: 108.474 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007713.D

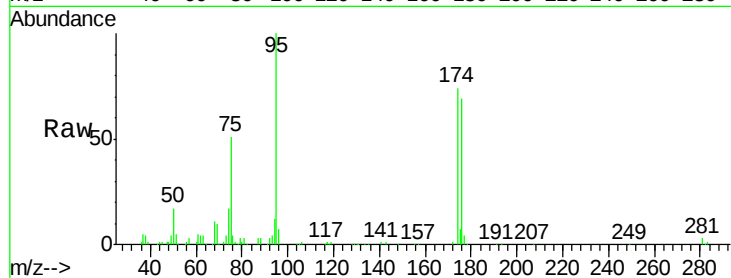
Acq: 19 Dec 2018 21:19

Instrument :

MSVOA_W

ClientSampleId :

KY001SB102-121118-(15-17)



Tgt Ion:	75	Resp:	27118
Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.2#
89	0.1	39.2	58.8#

