

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005705.D
 Acq On : 27 Sep 2018 17:26
 Operator : VA/AP
 Sample : J5102-02RE
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1ARE

Quant Time: Sep 28 01:22:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52964	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	72574	61.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.36%	
35) Dibromofluoromethane	7.89	113	55112	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
50) Toluene-d8	10.33	98	188344	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.62	95	53826	35.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.44%	

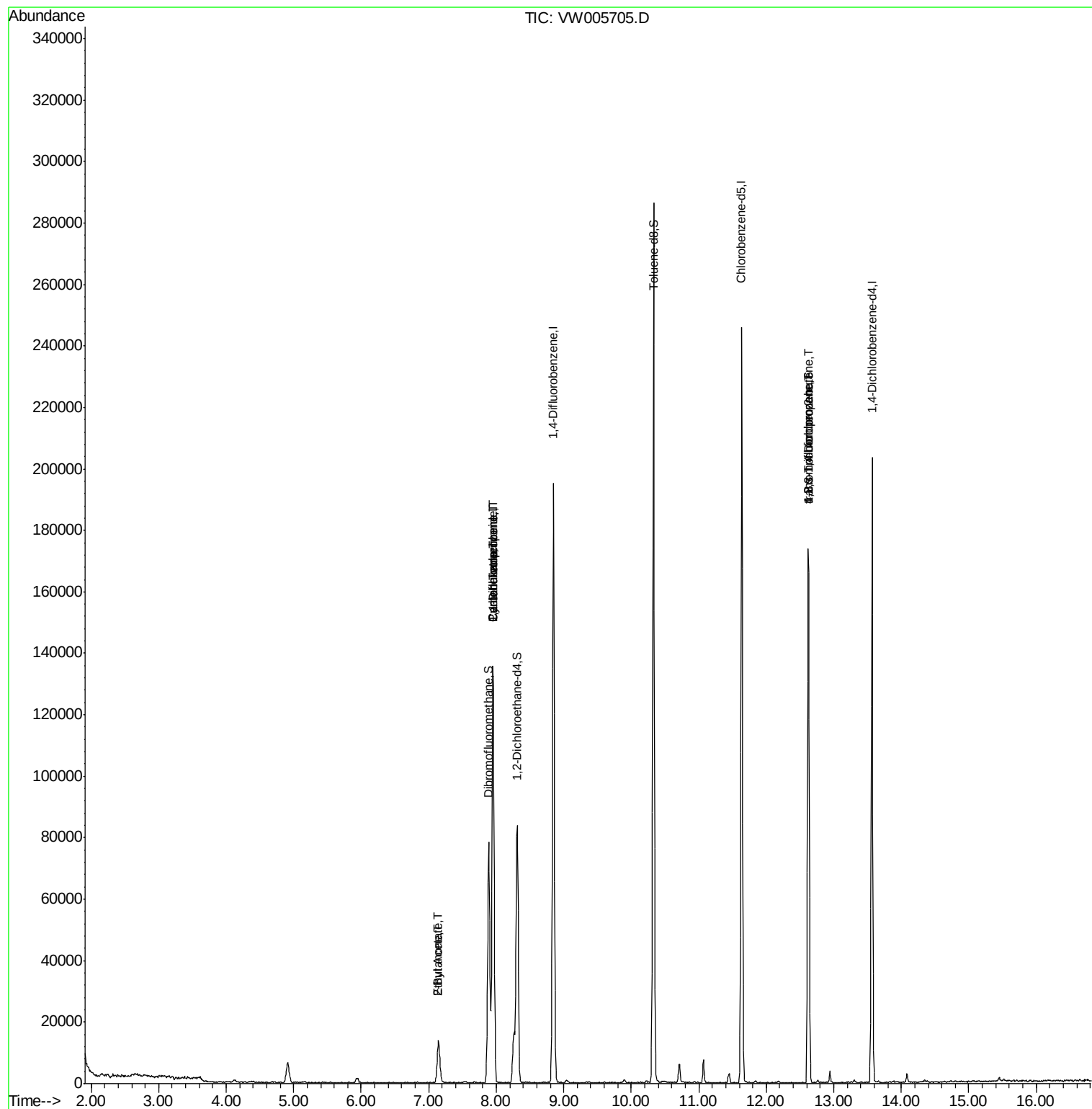
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	91	Below Cal	#	72
16) Acetone	4.12	43	1731	Below Cal		99
25) 2-Butanone	7.14	43	948	3.317	ug/l #	50
31) Cyclohexane	7.95	56	2213	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	7731	4.829	ug/l #	49
37) Ethyl Acetate	7.14	43	948	1.407	ug/l #	1
38) Carbon Tetrachloride	7.95	117	10500	6.120	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	28775	63.735	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28775	143.549	ug/l #	7

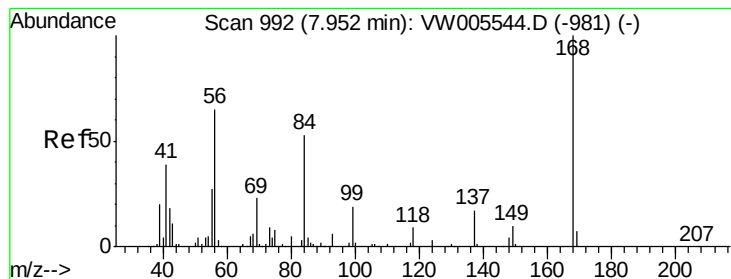
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

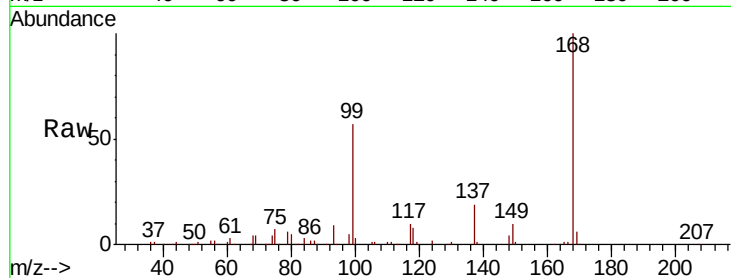
C-1ARE

Tgt Ion:168 Resp: 99884

Ion Ratio Lower Upper

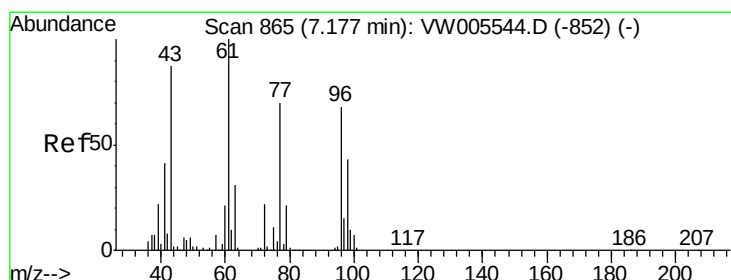
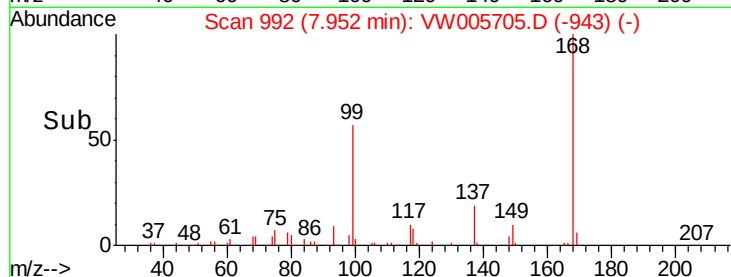
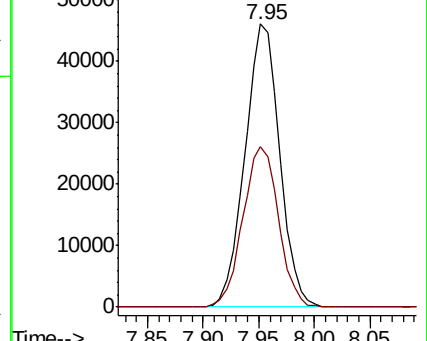
168 100

99 56.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#25

2-Butanone

Concen: 3.317 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW005705.D

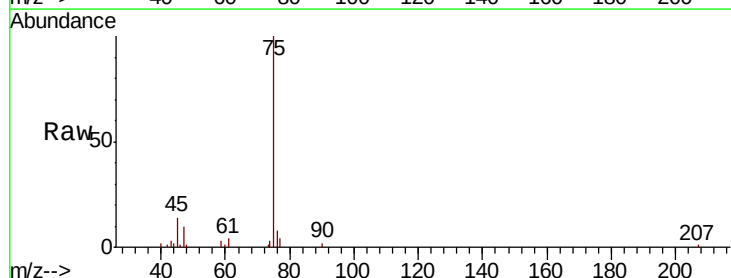
Acq: 27 Sep 2018 17:26

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

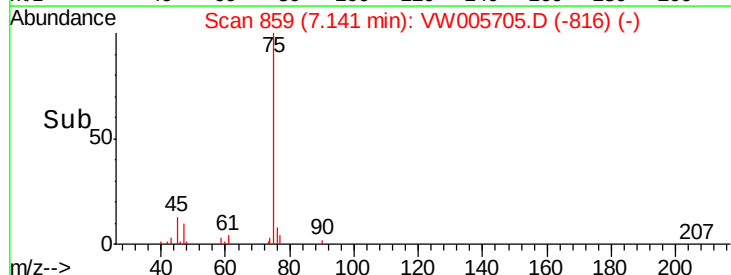
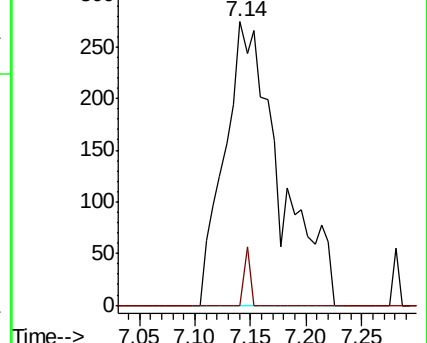
43 100

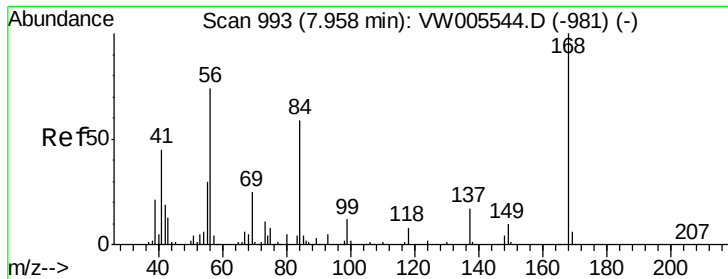
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

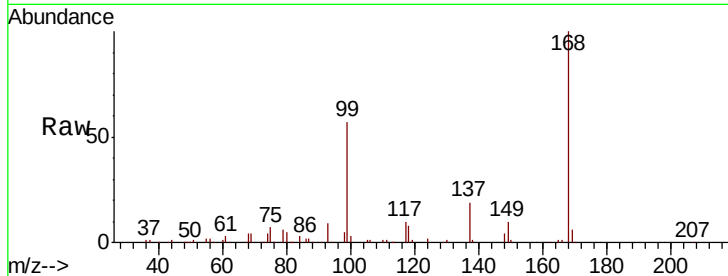




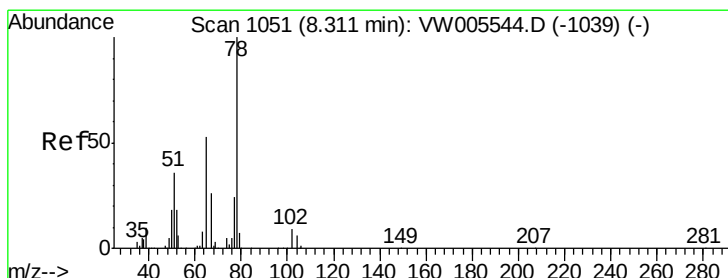
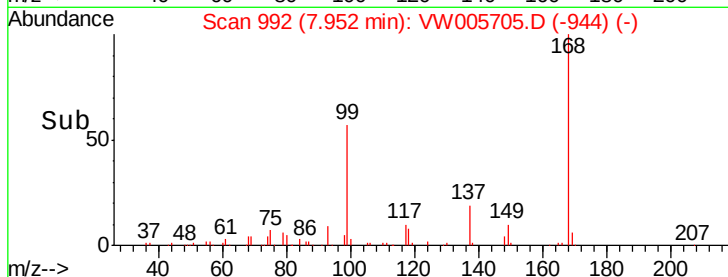
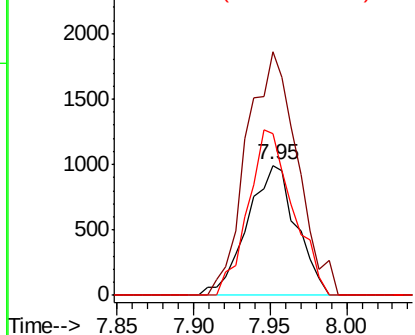
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005705.D
Acq: 27 Sep 2018 17:26

Instrument :
MSVOA_W
ClientSampled :
C-1ARE

Tgt Ion: 56 Resp: 2213
Ion Ratio Lower Upper
56 100
69 187.2 27.0 40.4#
84 123.9 64.2 96.4#

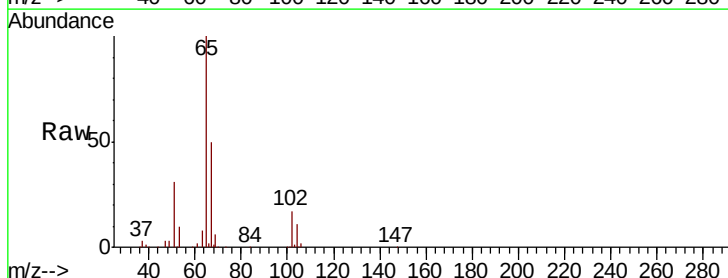


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

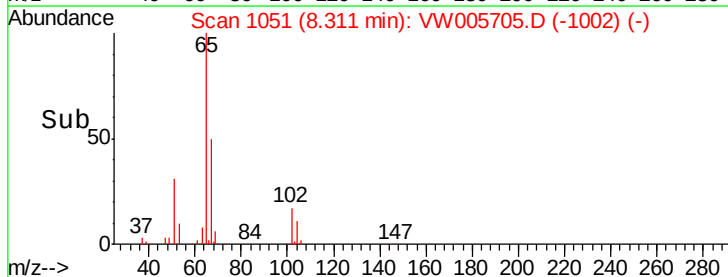
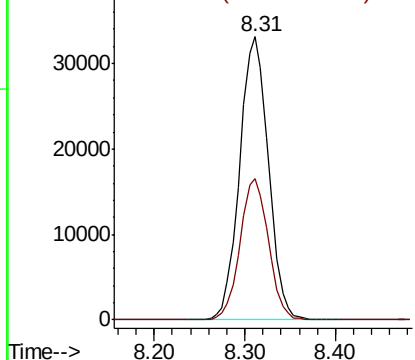


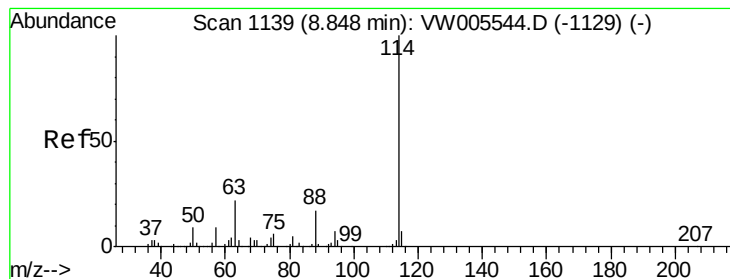
#33
1,2-Dichloroethane-d4
Concen: 61.676 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005705.D
Acq: 27 Sep 2018 17:26

Tgt Ion: 65 Resp: 72574
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.6



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampled :

C-1ARE

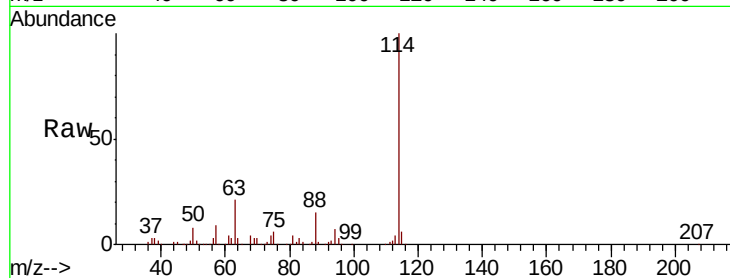
Tgt Ion:114 Resp: 159052

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

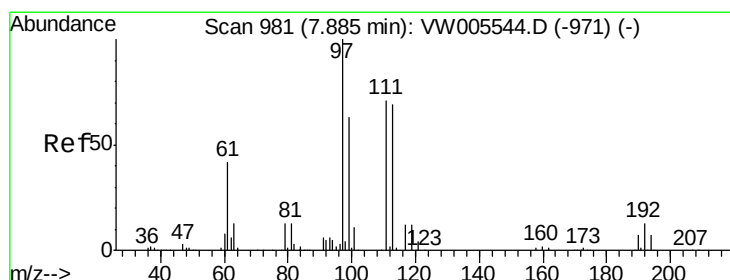
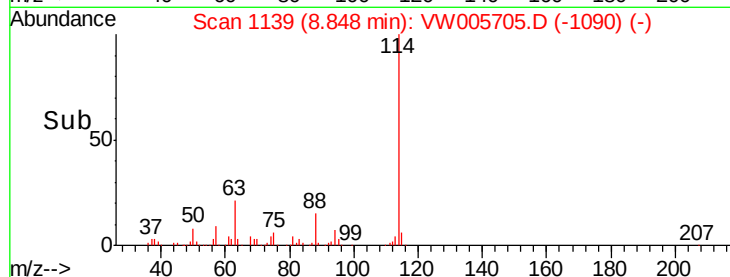
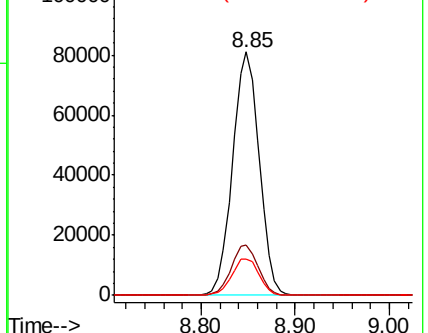
88 15.1 0.0 33.0



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: 55.100 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

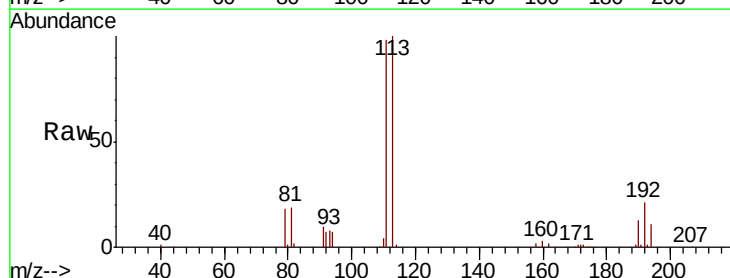
Tgt Ion:113 Resp: 55112

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

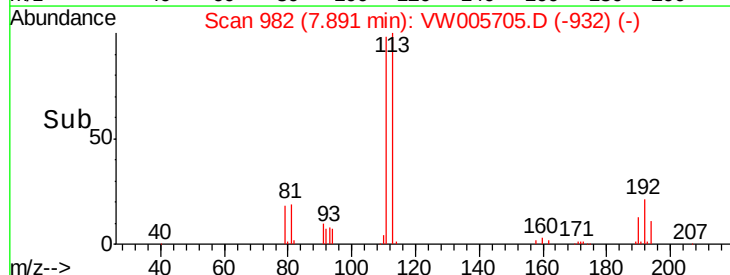
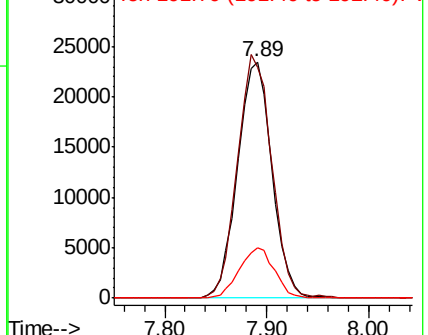
192 21.5 17.0 25.4

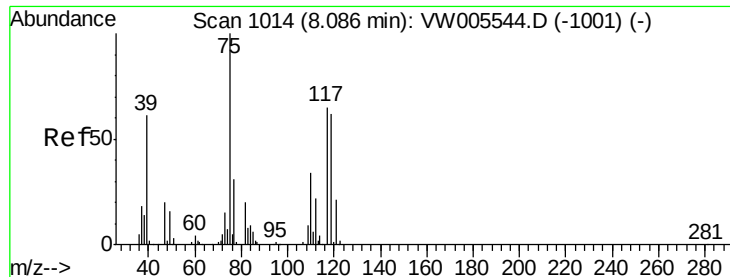


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

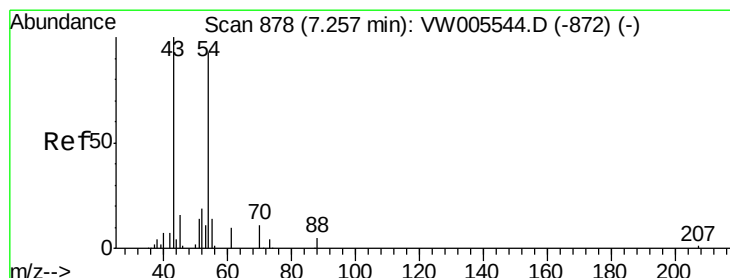
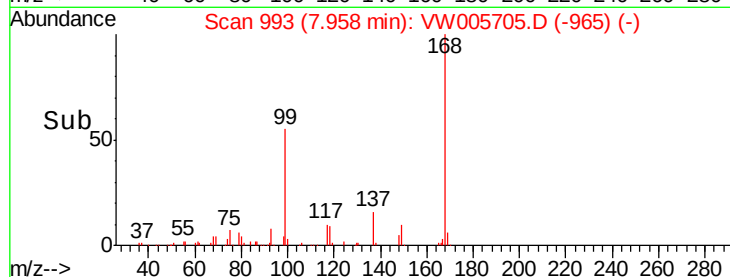
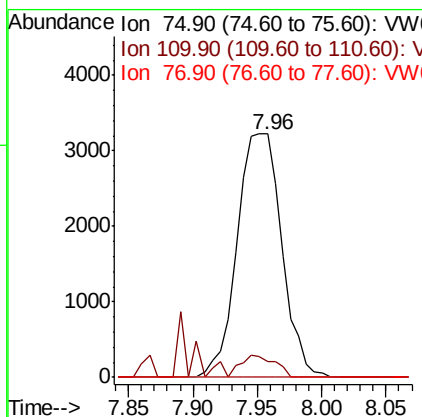
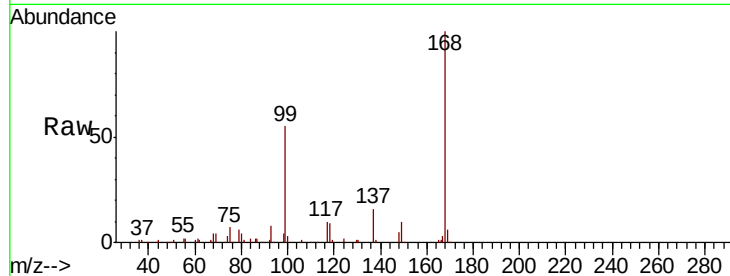




#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005705.D
 Acq: 27 Sep 2018 17:26

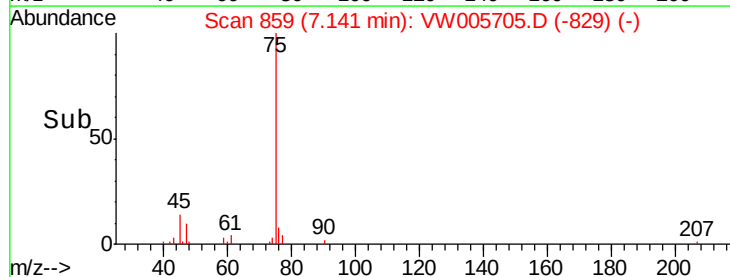
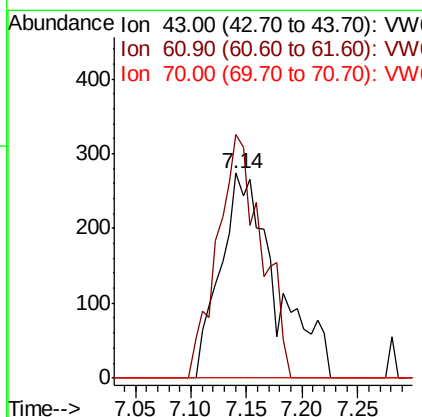
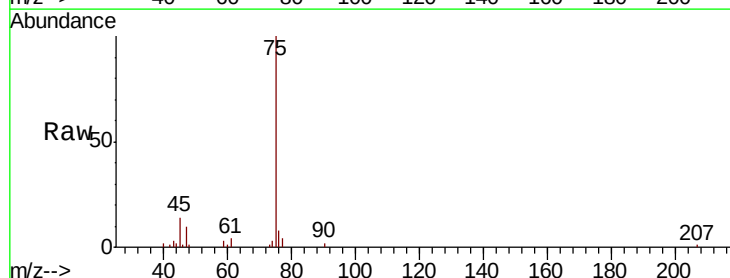
Instrument :
 MSVOA_W
 ClientSampleId :
 C-1ARE

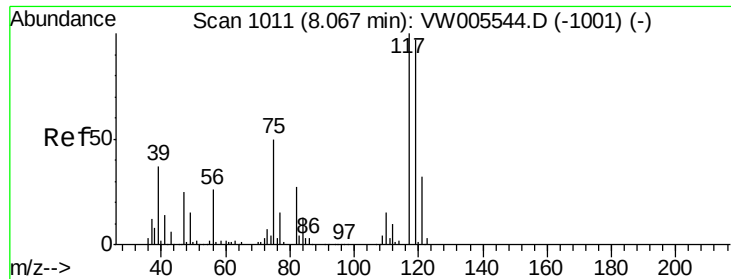
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.0	50.9#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.407 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.12 min
 Lab File: VW005705.D
 Acq: 27 Sep 2018 17:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	94.5	10.4	15.6#
70	0.0	8.2	12.2#





#38

Carbon Tetrachloride

Concen: 6.120 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

C-1ARE

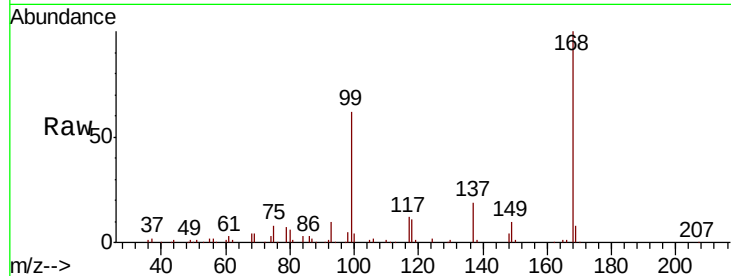
Tgt Ion:117 Resp: 10500

Ion Ratio Lower Upper

117 100

119 4.5 77.6 116.4#

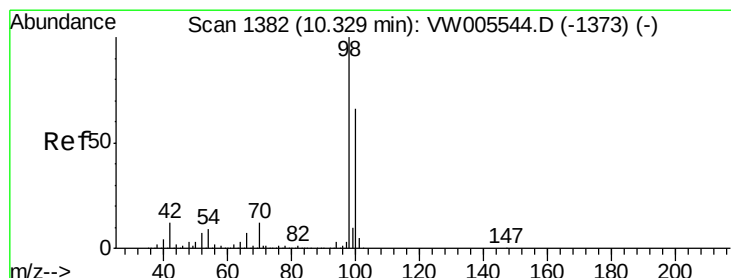
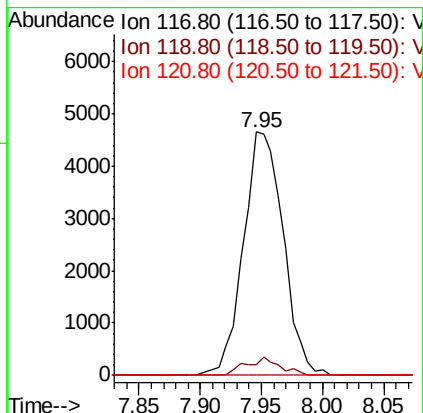
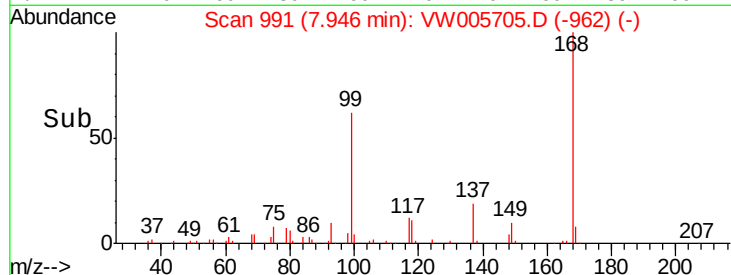
121 0.0 25.7 38.5#



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: 46.246 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005705.D

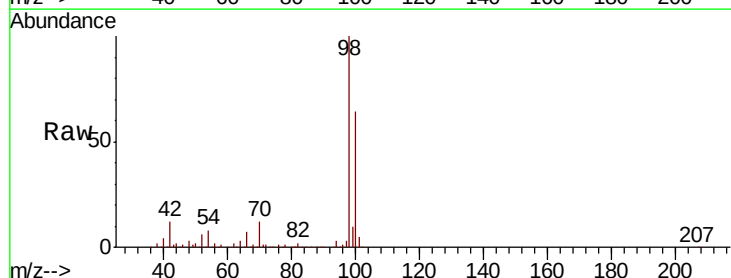
Acq: 27 Sep 2018 17:26

Tgt Ion: 98 Resp: 188344

Ion Ratio Lower Upper

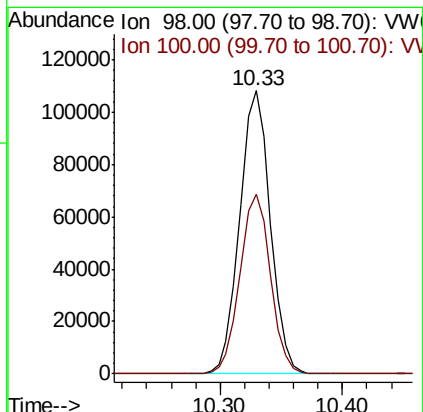
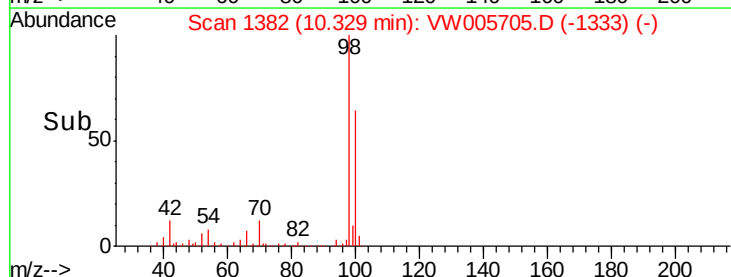
98 100

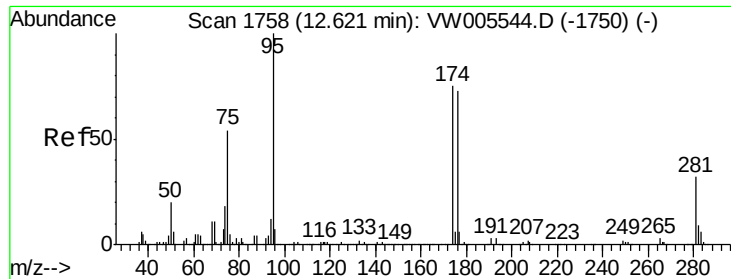
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

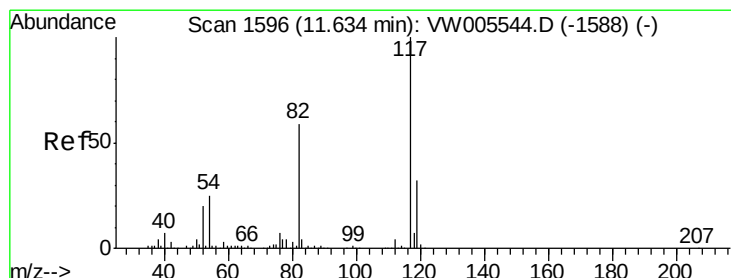
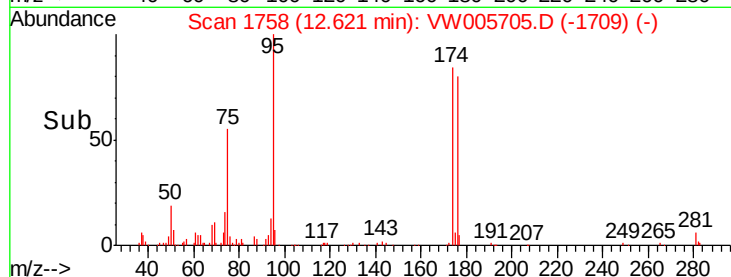
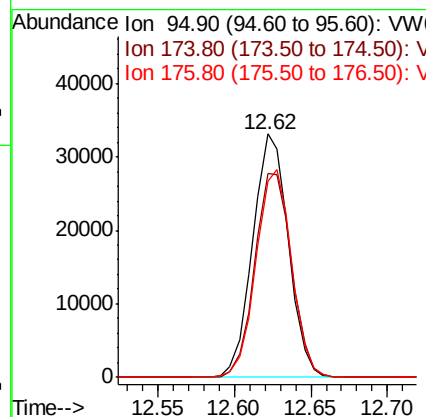
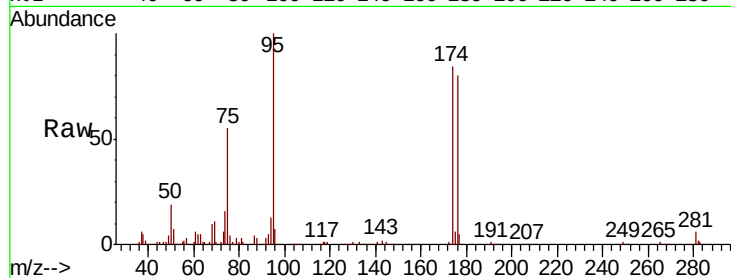




#62
4-Bromofluorobenzene
Concen: 35.718 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005705.D
Acq: 27 Sep 2018 17:26

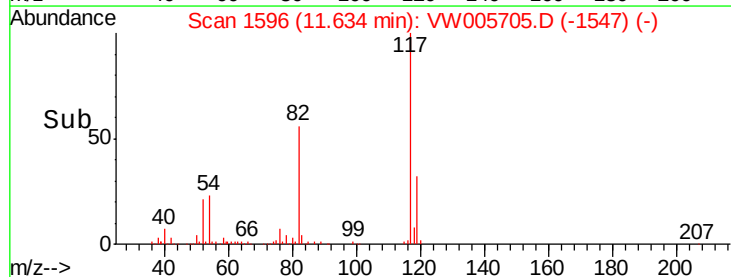
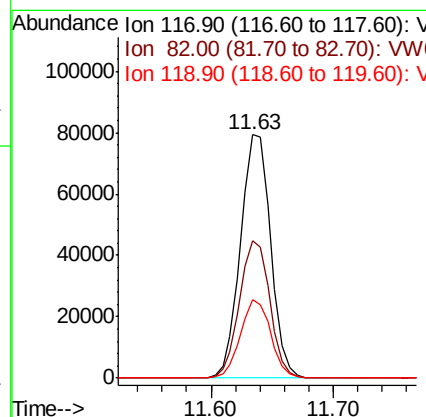
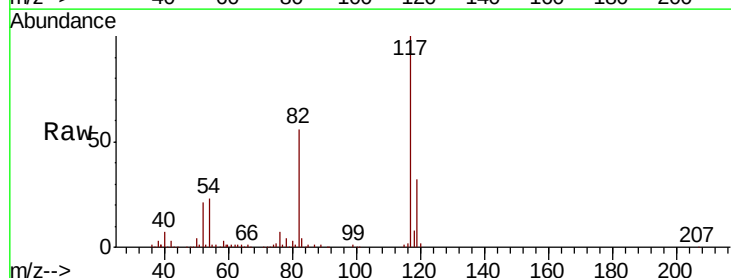
Instrument :
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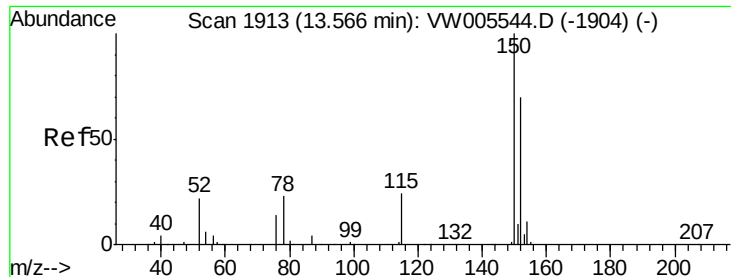
Tgt Ion: 95 Resp: 53826
Ion Ratio Lower Upper
95 100
174 86.5 0.0 163.8
176 85.1 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005705.D
Acq: 27 Sep 2018 17:26

Tgt Ion: 117 Resp: 135322
Ion Ratio Lower Upper
117 100
82 56.4 46.9 70.3
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005705.D

Acq: 27 Sep 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

C-1ARE

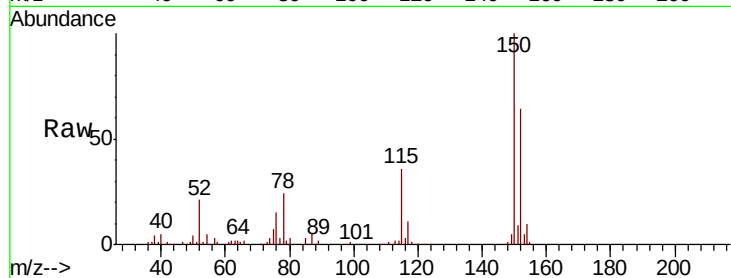
Tgt Ion:152 Resp: 52964

Ion Ratio Lower Upper

152 100

115 55.7 30.0 90.0

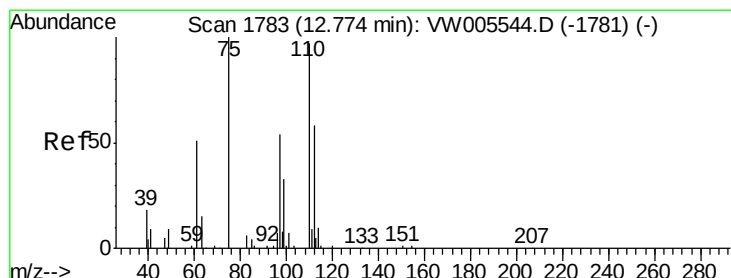
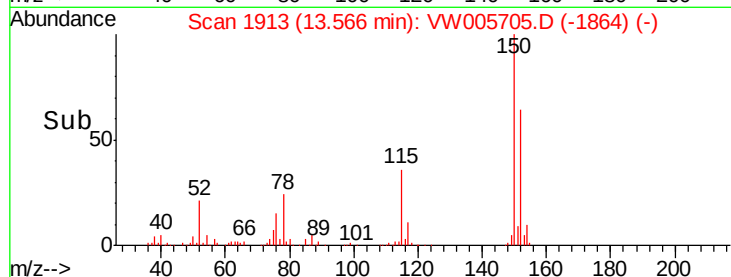
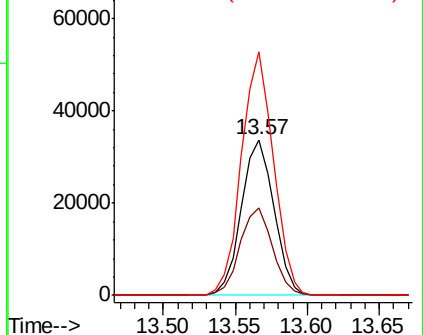
150 153.7 0.0 348.6



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: 63.735 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005705.D

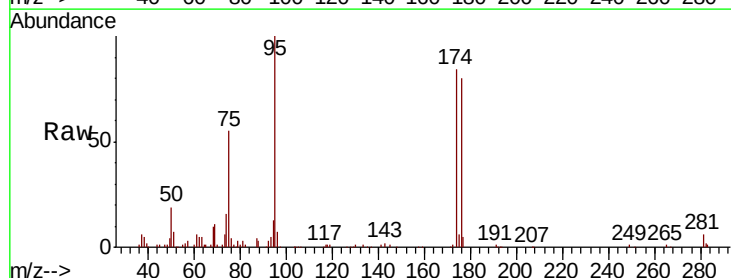
Acq: 27 Sep 2018 17:26

Tgt Ion: 75 Resp: 28775

Ion Ratio Lower Upper

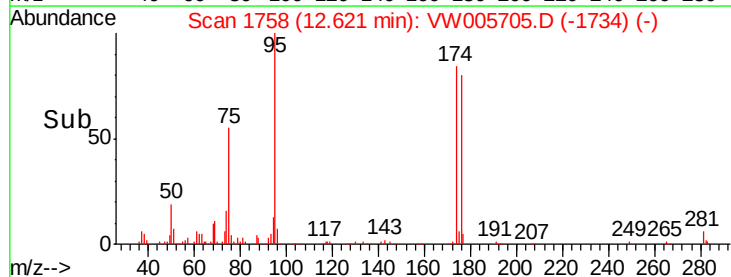
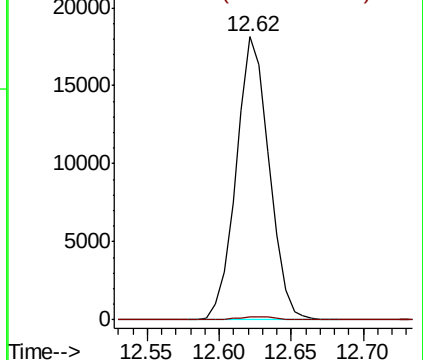
75 100

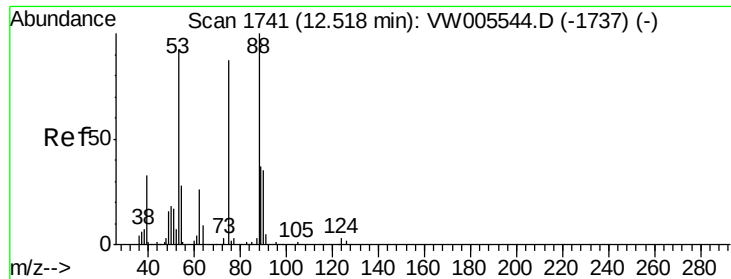
77 1.3 0.0 0.0#



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: 143.549 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005705.D
 Acq: 27 Sep 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1ARE

Tgt Ion: 75 Resp: 28775
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.8 128.6#
 89 0.0 37.3 55.9#

