

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006702.D
 Acq On : 06 Nov 2018 22:09
 Operator : SY/AP
 Sample : J5815-05
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R25951-RT

Quant Time: Nov 07 11:30:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

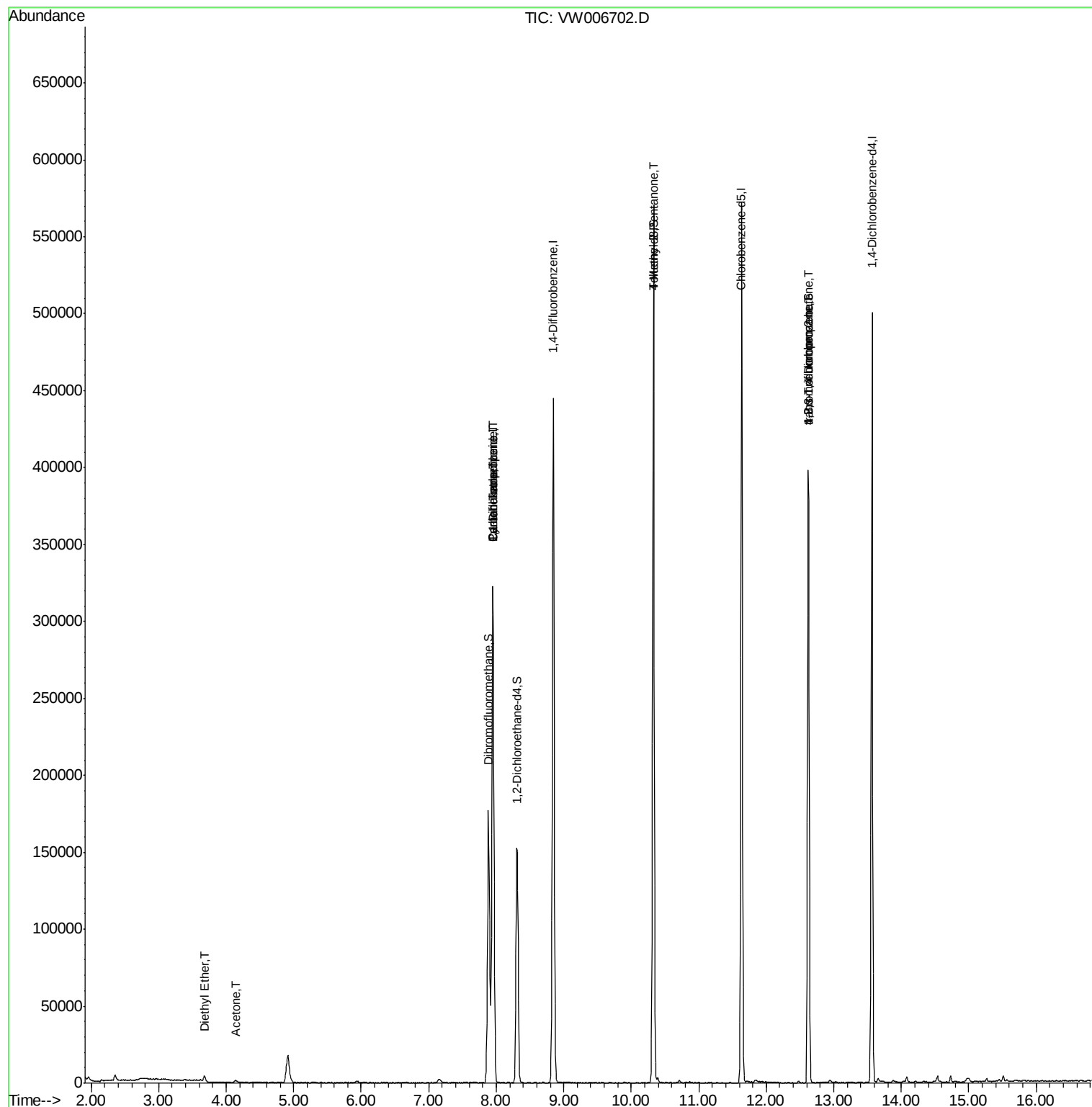
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121246	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	7.88	113	123637	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.33	98	398073	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
62) 4-Bromofluorobenzene	12.62	95	124972	36.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.00%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2237	1.962	ug/l	89
16) Acetone	4.15	43	2548	6.961	ug/l	89
31) Cyclohexane	7.95	56	4310	1.193	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	16046	4.552	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22902	6.218	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1508	1.205	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	60418	54.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60418	136.955	ug/l #	11

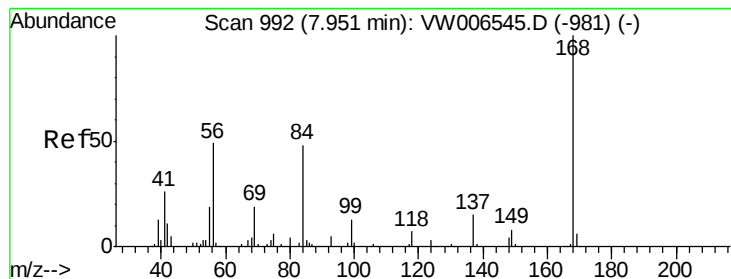
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 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: VW006702.D

Acq: 06 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

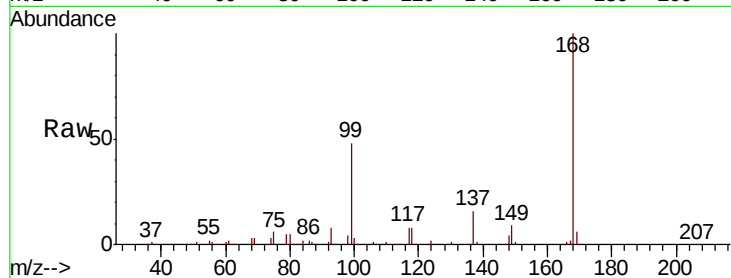
HL-R25951-RT

Tot Ion:168 Resp: 263768

Ion Ratio Lower Upper

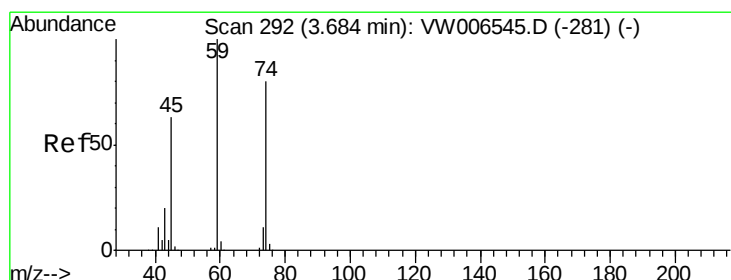
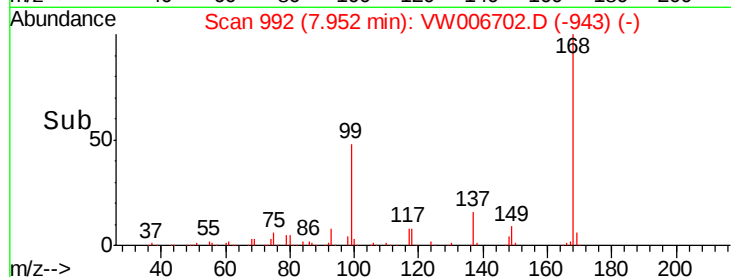
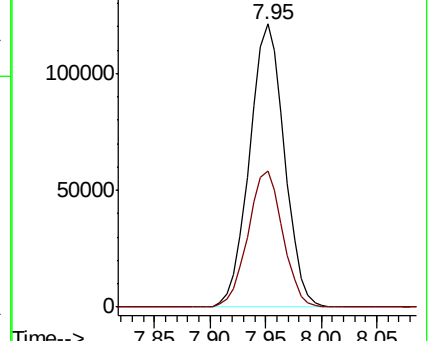
168 100

99 48.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.962 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006702.D

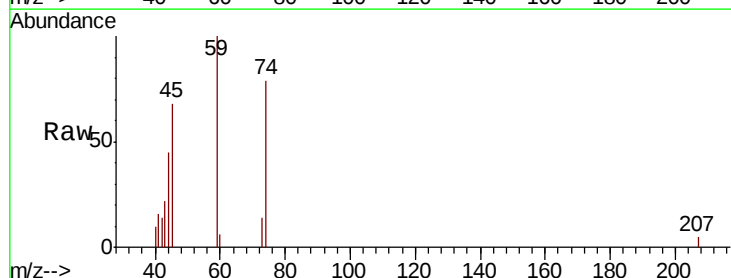
Acq: 06 Nov 2018 22:09

Tgt Ion: 74 Resp: 2237

Ion Ratio Lower Upper

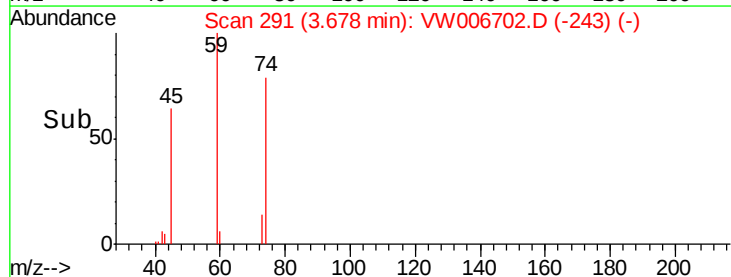
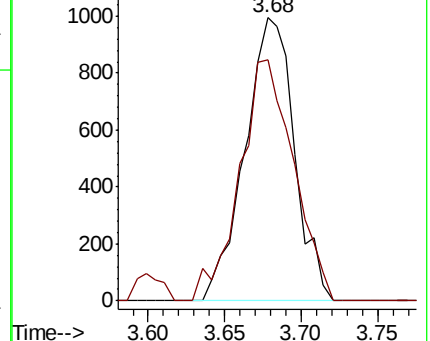
74 100

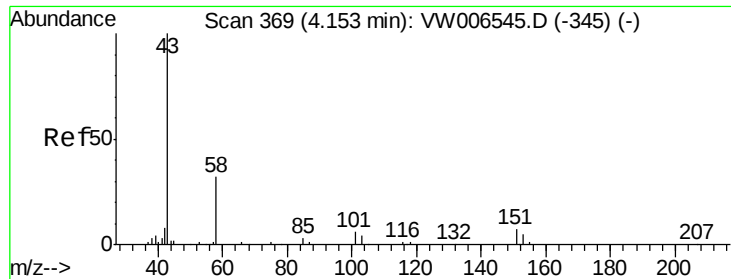
45 92.4 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

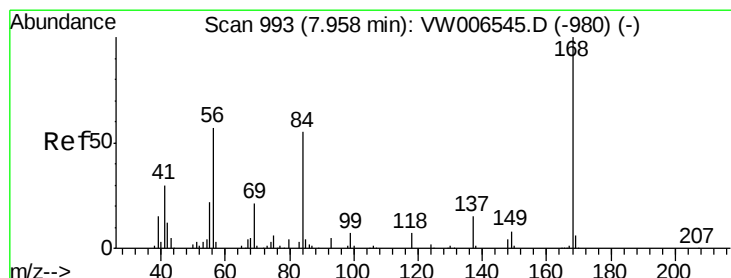
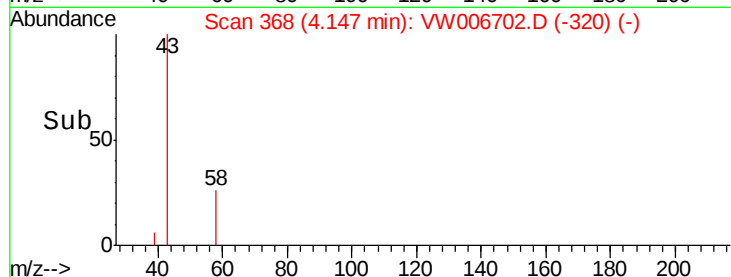
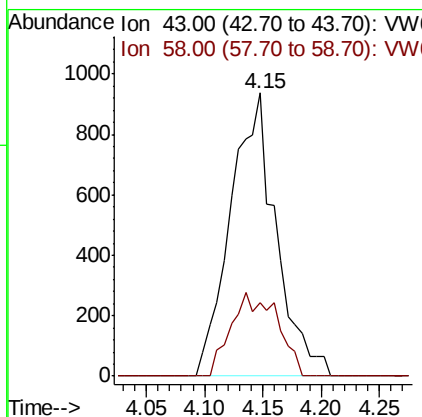
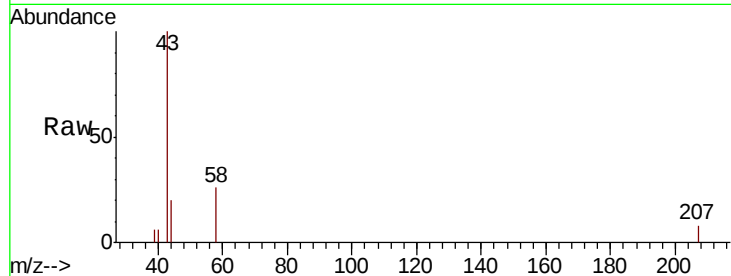




#16
Acetone
Concen: 6.961 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006702.D
Acq: 06 Nov 2018 22:09

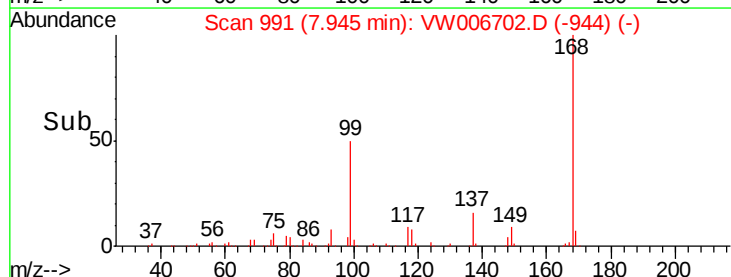
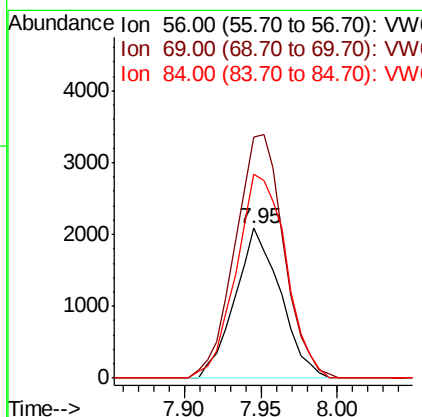
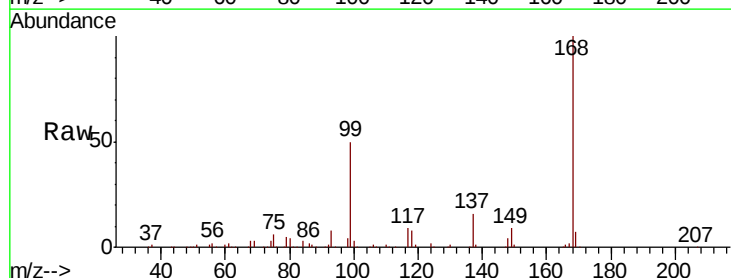
Instrument :
MSVOA_W
ClientSampleId :
HL-R25951-RT

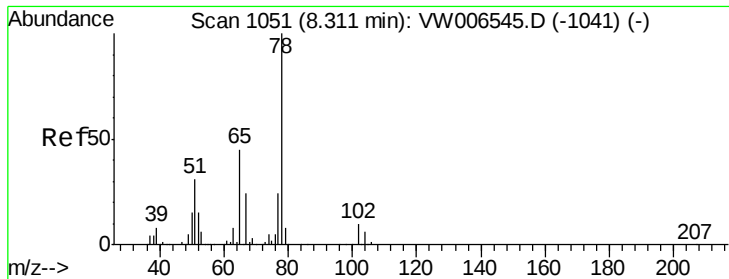
Tot Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
58 25.9 25.8 38.8



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006702.D
Acq: 06 Nov 2018 22:09

Tgt Ion: 56 Resp: 4310
Ion Ratio Lower Upper
56 100
69 161.1 29.0 43.4#
84 136.3 77.8 116.6#

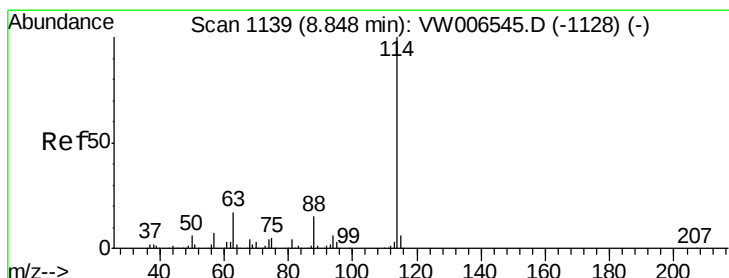
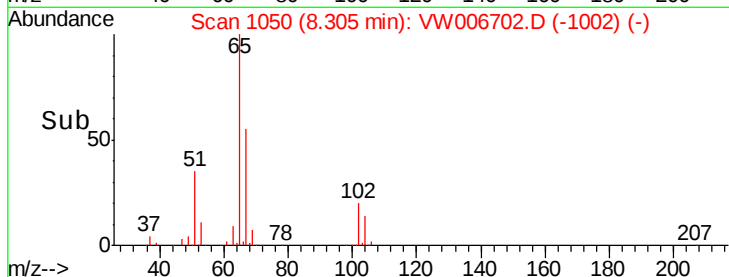
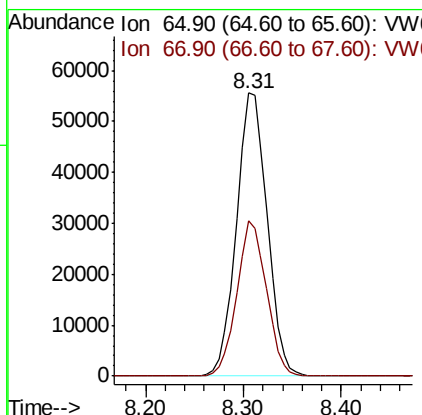
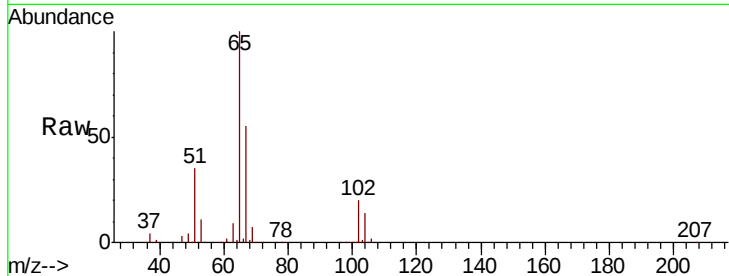




#33
 1,2-Dichloroethane-d4
 Concen: 53.475 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006702.D
 Acq: 06 Nov 2018 22:09

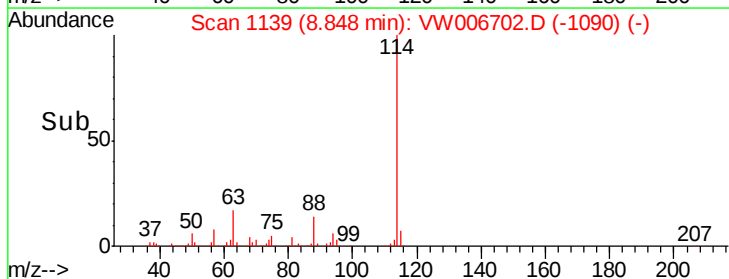
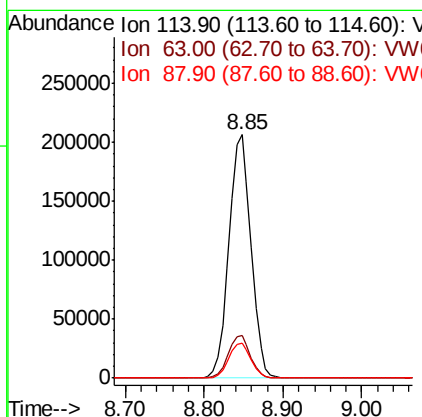
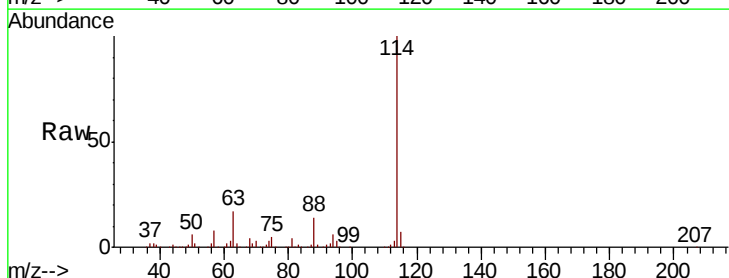
Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R25951-RT

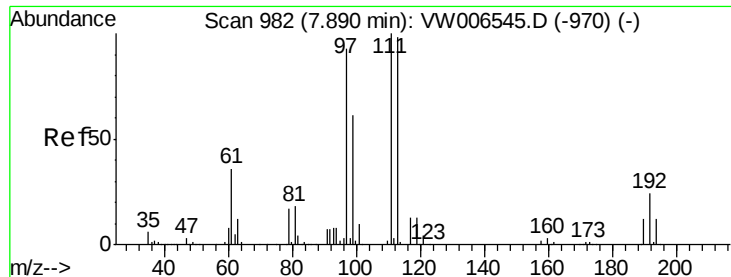
Tot Ion: 65 Resp: 121246
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006702.D
 Acq: 06 Nov 2018 22:09

Tgt Ion: 114 Resp: 400819
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.151 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

HL-R25951-RT

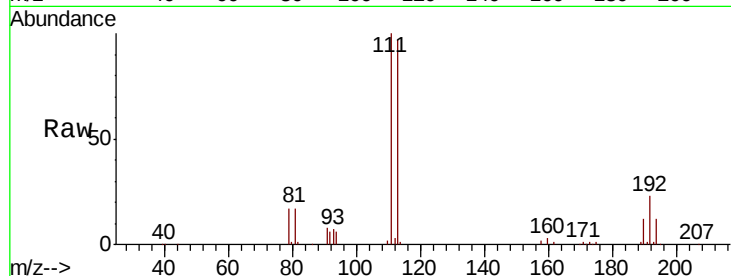
Tot Ion:113 Resp: 123637

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

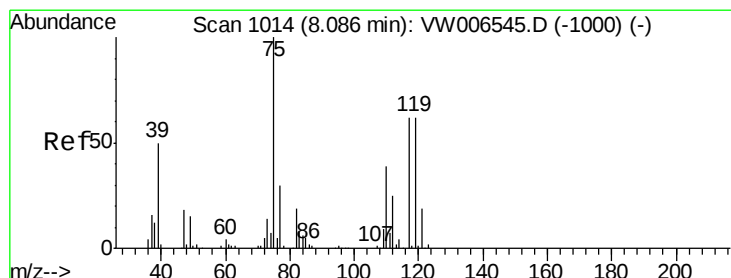
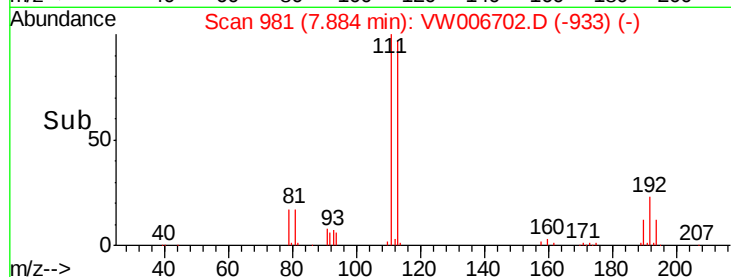
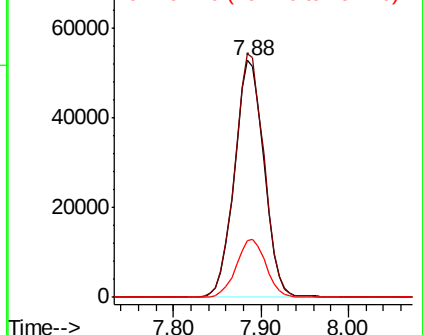
192 24.4 19.0 28.6



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: 4.552 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

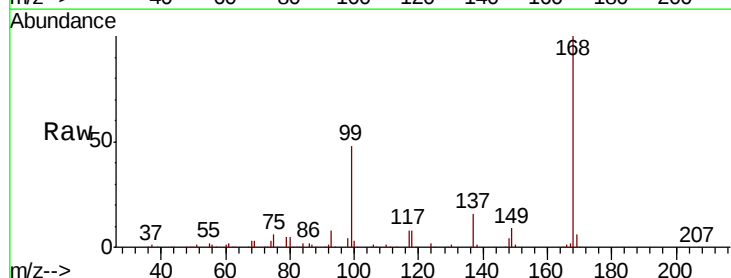
Tgt Ion: 75 Resp: 16046

Ion Ratio Lower Upper

75 100

110 9.7 19.5 58.5#

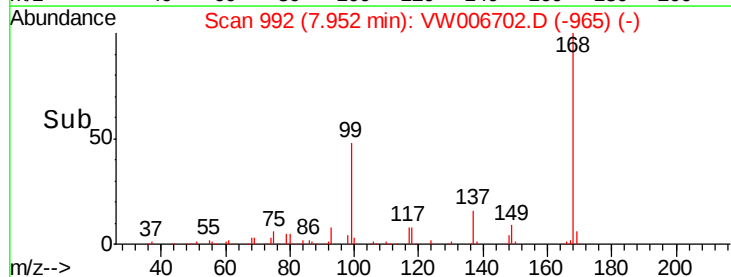
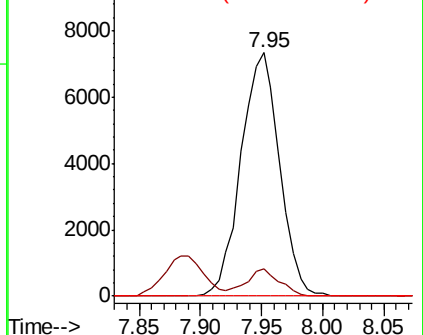
77 0.0 24.6 37.0#

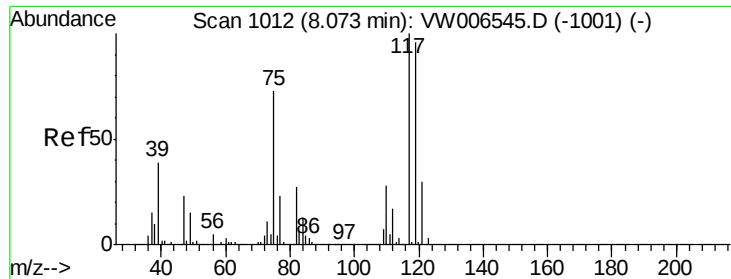


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.218 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

HL-R25951-RT

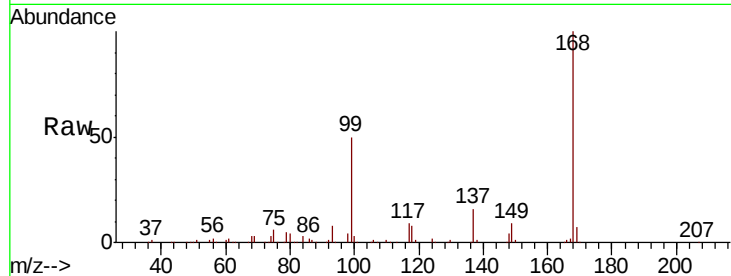
Tot Ion:117 Resp: 22902

Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

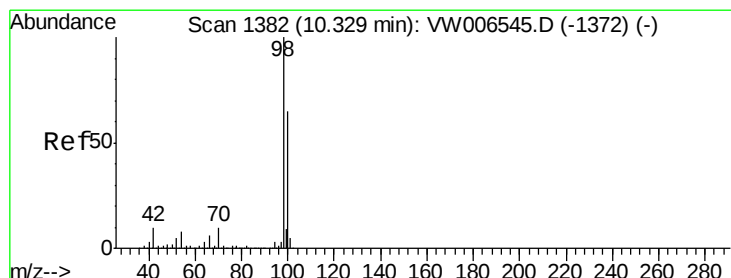
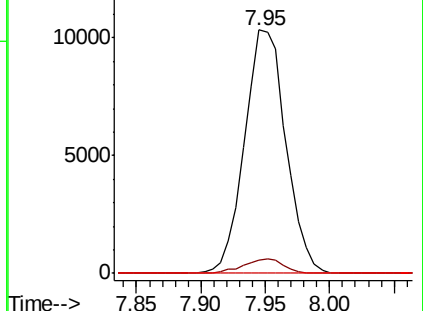
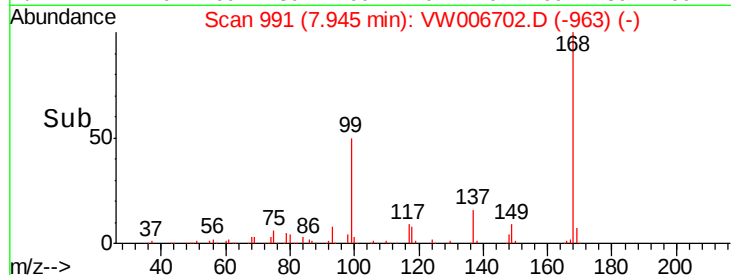
121 0.0 24.1 36.1#



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: 41.570 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006702.D

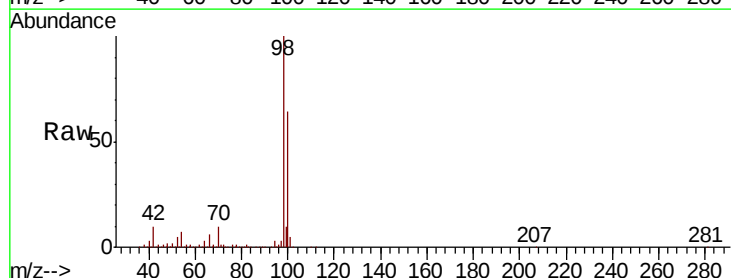
Acq: 06 Nov 2018 22:09

Tgt Ion: 98 Resp: 398073

Ion Ratio Lower Upper

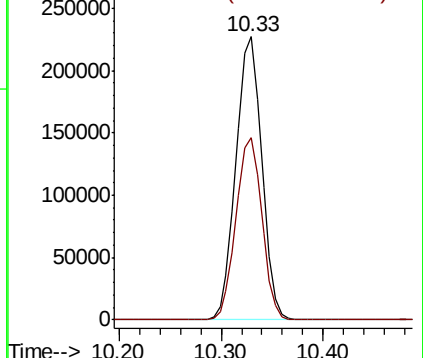
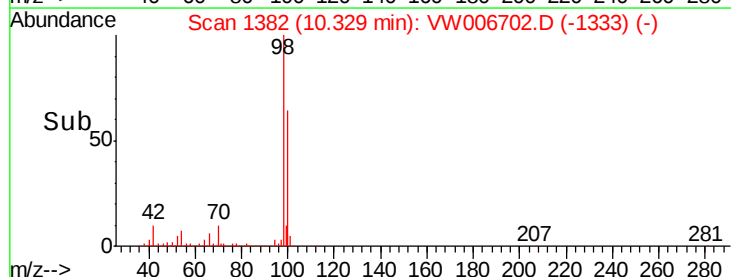
98 100

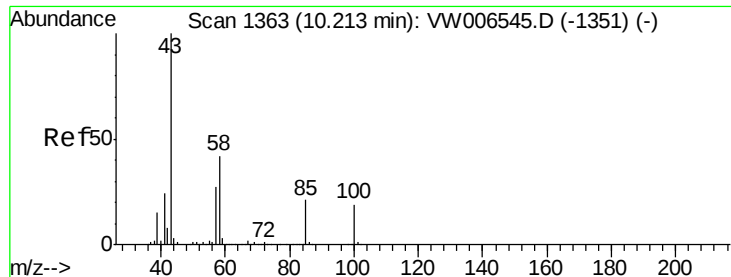
100 64.6 51.6 77.4



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: 1.205 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

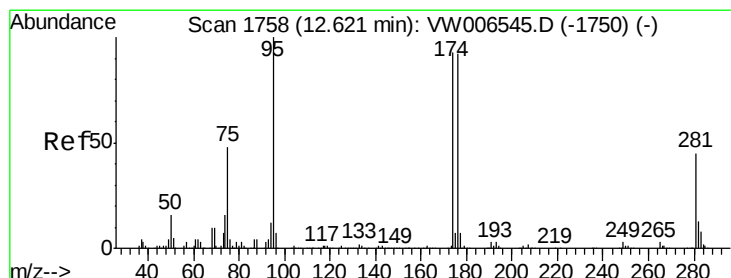
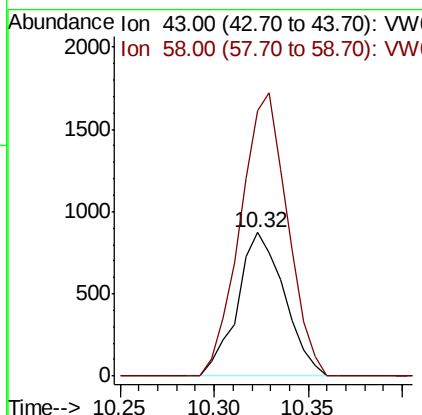
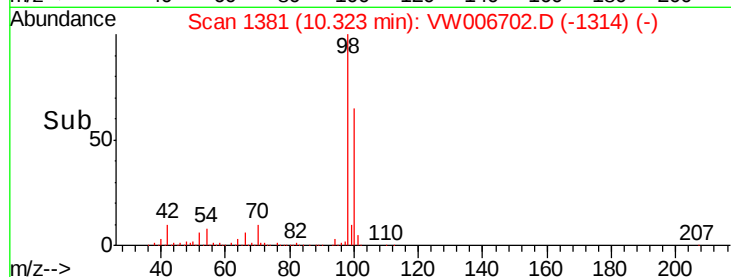
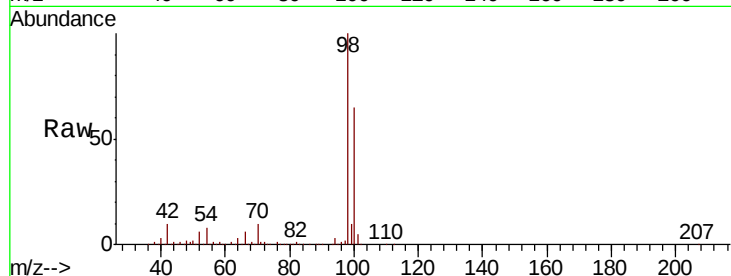
HL-R25951-RT

Tot Ion: 43 Resp: 1508

Ion Ratio Lower Upper

43 100

58 197.6 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 35.998 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

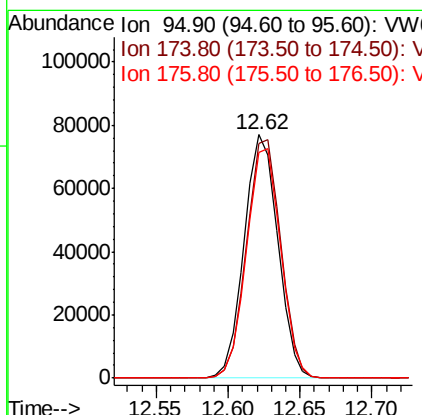
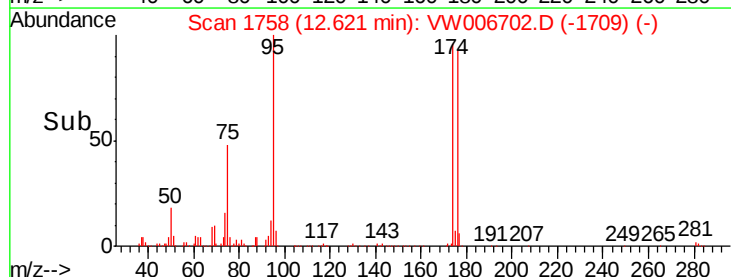
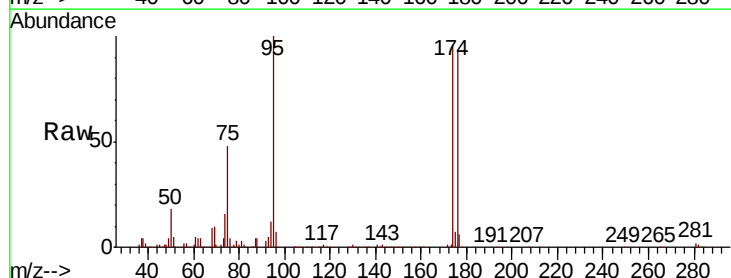
Tgt Ion: 95 Resp: 124972

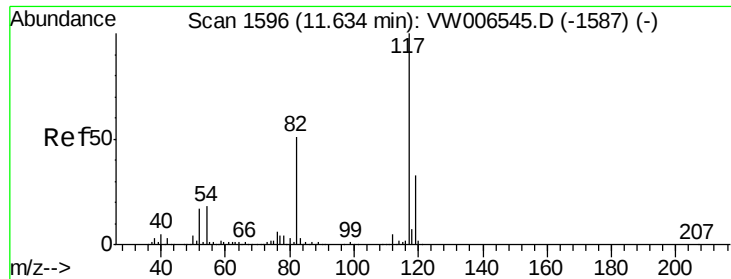
Ion Ratio Lower Upper

95 100

174 99.3 0.0 192.4

176 95.5 0.0 187.4

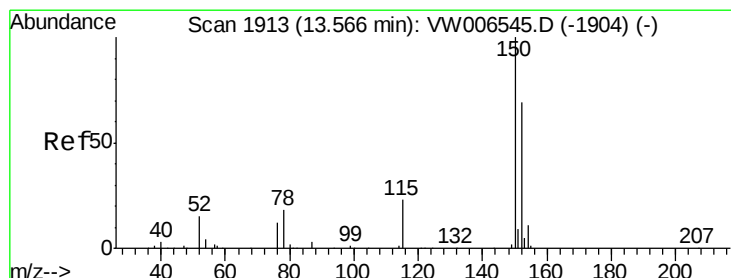
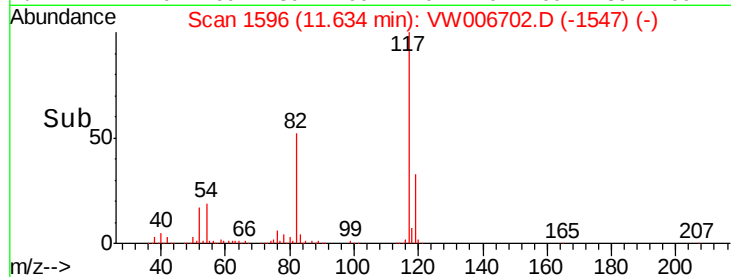
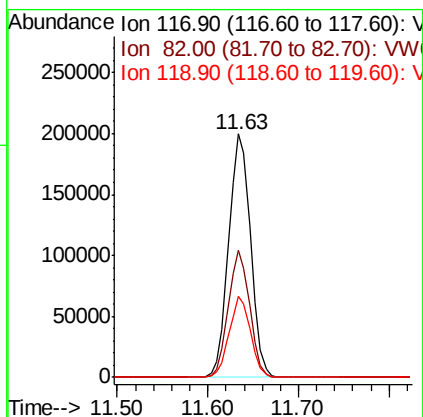
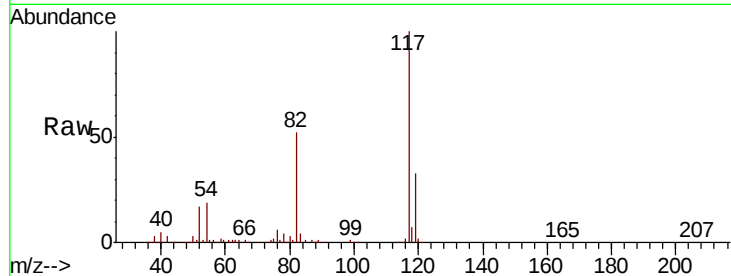




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006702.D
Acq: 06 Nov 2018 22:09

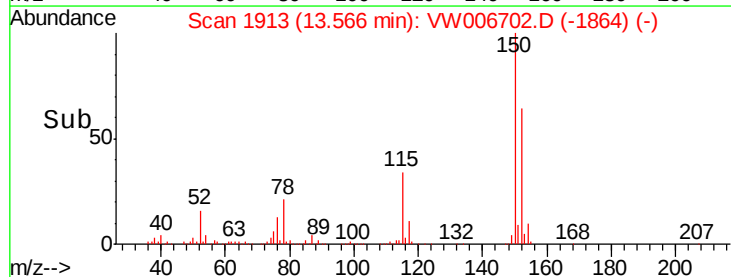
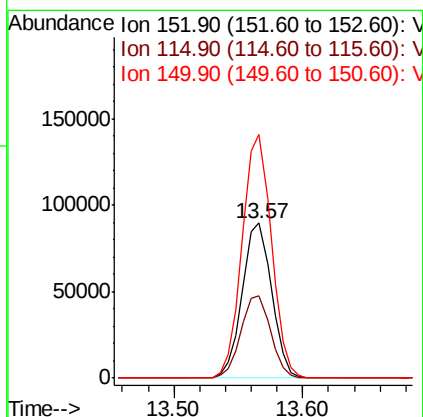
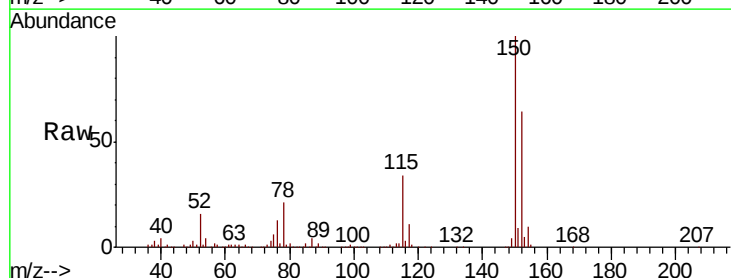
Instrument :
MSVOA_W
ClientSampleId :
HL-R25951-RT

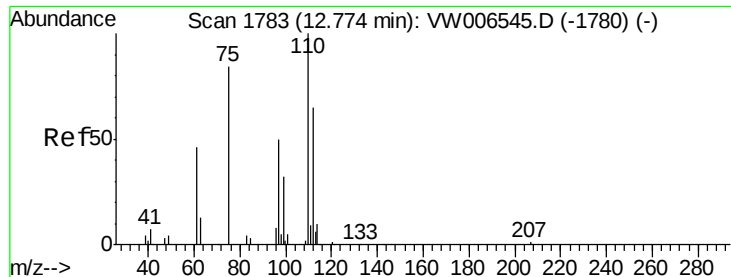
Tot Ion:117 Resp: 333519
Ion Ratio Lower Upper
117 100
82 52.4 40.8 61.2
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006702.D
Acq: 06 Nov 2018 22:09

Tgt Ion:152 Resp: 141381
Ion Ratio Lower Upper
152 100
115 53.9 26.6 79.8
150 156.4 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 54.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

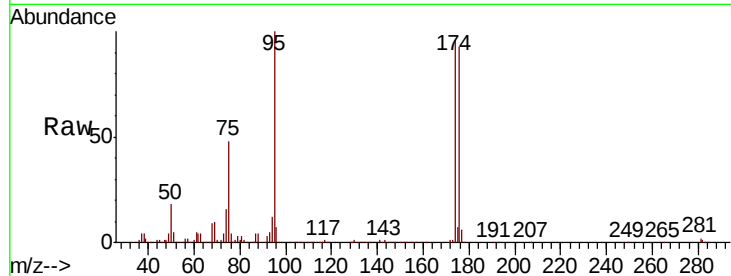
HL-R25951-RT

Tot Ion: 75 Resp: 60418

Ion Ratio Lower Upper

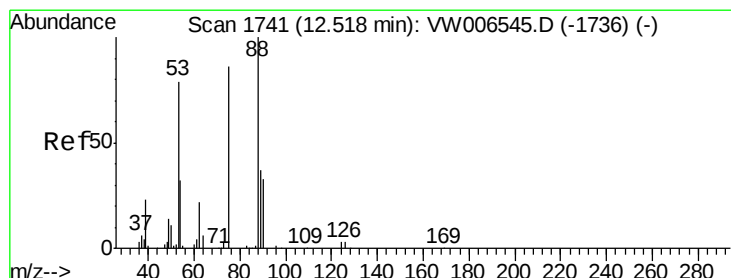
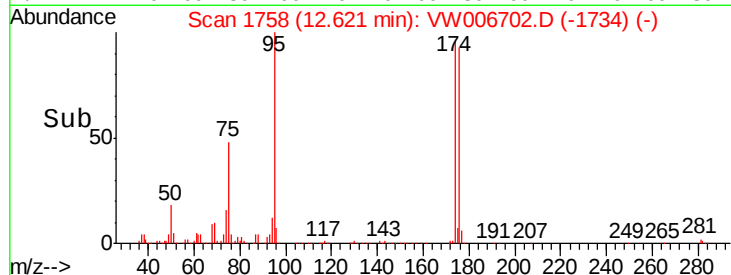
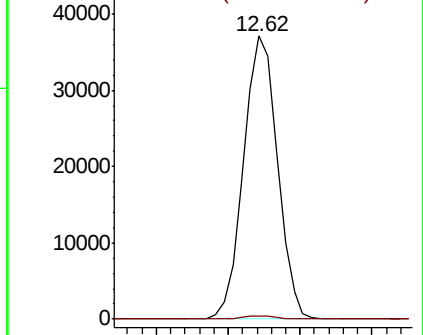
75 100

77 1.2 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: 136.955 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006702.D

Acq: 06 Nov 2018 22:09

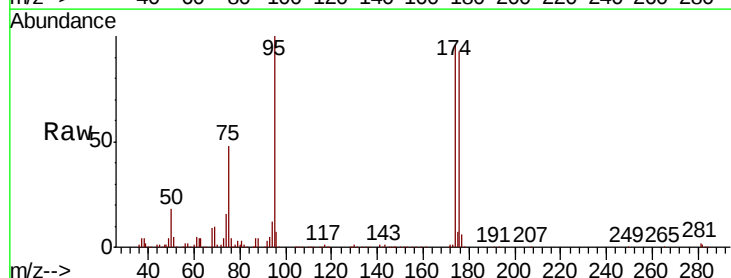
Tgt Ion: 75 Resp: 60418

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

