

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007706.D
 Acq On : 19 Dec 2018 18:18
 Operator : SY/AP
 Sample : VW1221SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBL01

Quant Time: Dec 20 06:49:01 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	71536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51856	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	41673	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
35) Dibromofluoromethane	7.88	113	37449	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
50) Toluene-d8	10.32	98	139300	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	52595	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	

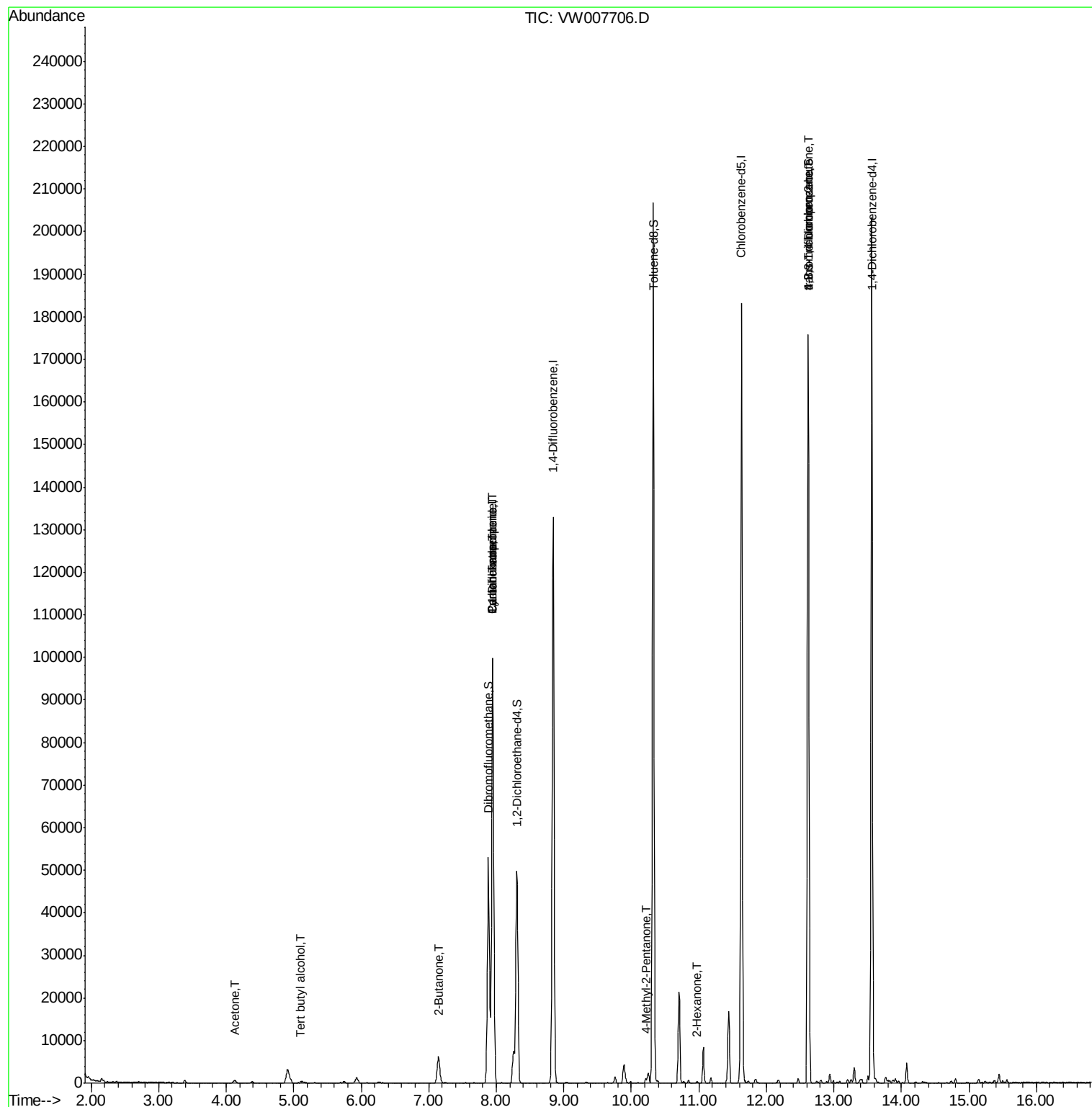
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.10	59	192	3.630	ug/l #	73
16) Acetone	4.12	43	1473	10.032	ug/l #	60
20) Methylene Chloride	4.92	84	2631	Below Cal		95
25) 2-Butanone	7.16	43	295	1.715	ug/l #	44
31) Cyclohexane	7.95	56	1637	1.403	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	5522	4.925	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7833	5.932	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	1045	2.852	ug/l #	87
59) 2-Hexanone	10.98	43	305	1.184	ug/l #	61
76) 1,2,3-Trichloropropane	12.62	75	27278	68.059	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27278	142.861	ug/l #	9

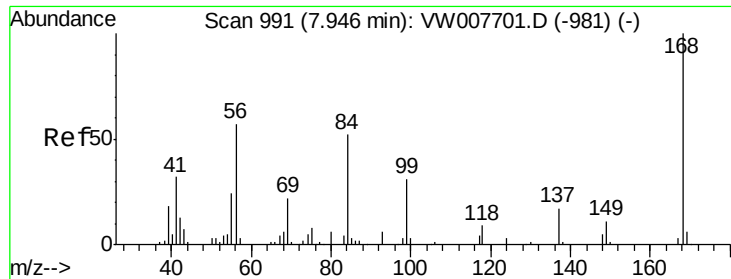
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

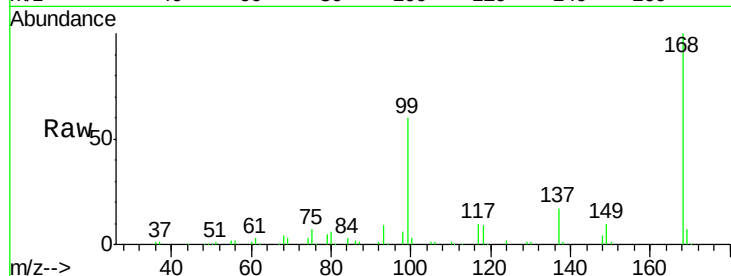
VW1221SBL01

Tgt Ion:168 Resp: 71536

Ion Ratio Lower Upper

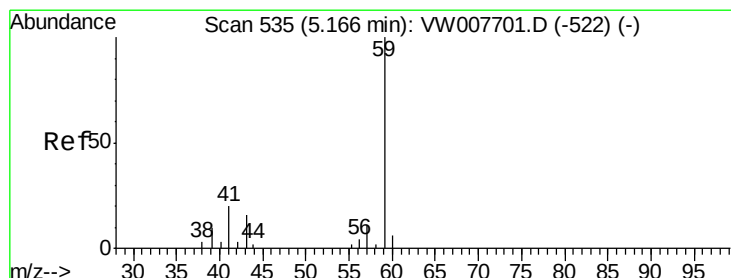
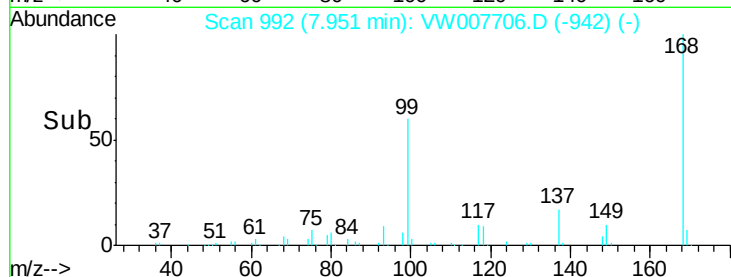
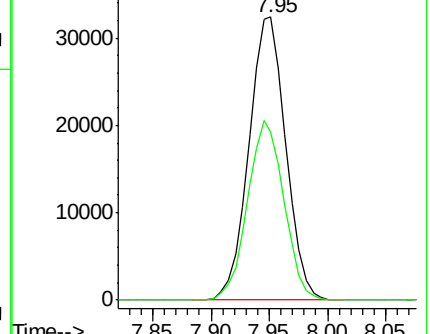
168 100

99 59.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.630 ug/l

RT: 5.10 min Scan# 525

Delta R.T. -0.06 min

Lab File: VW007706.D

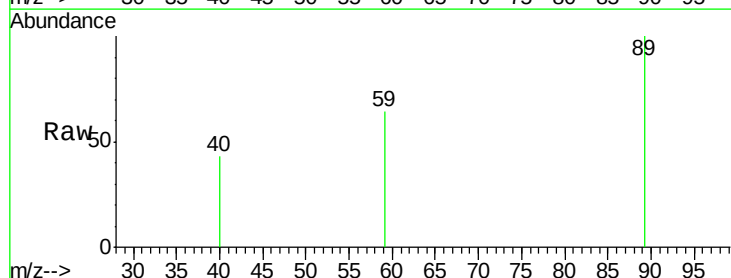
Acq: 19 Dec 2018 18:18

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

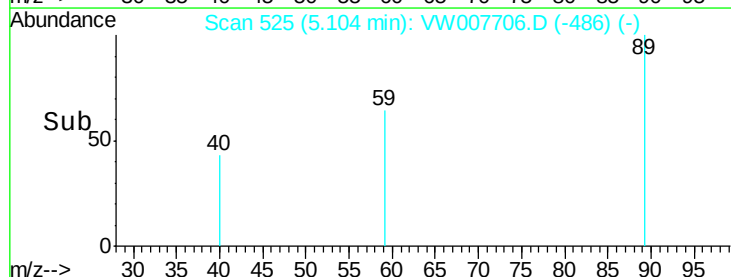
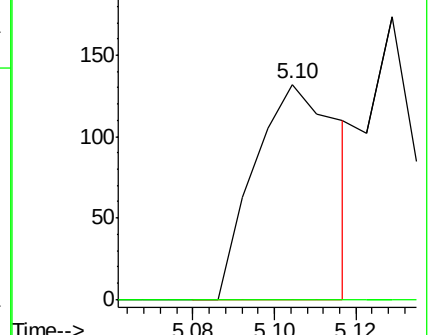
59 100

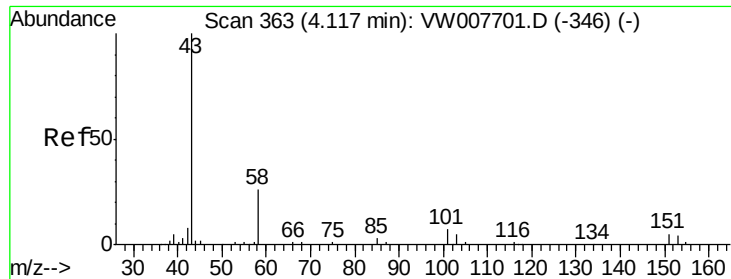
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 10.032 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

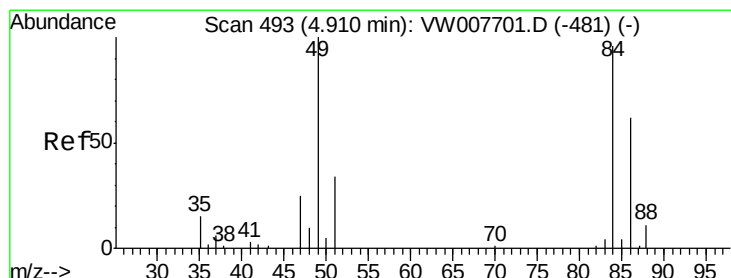
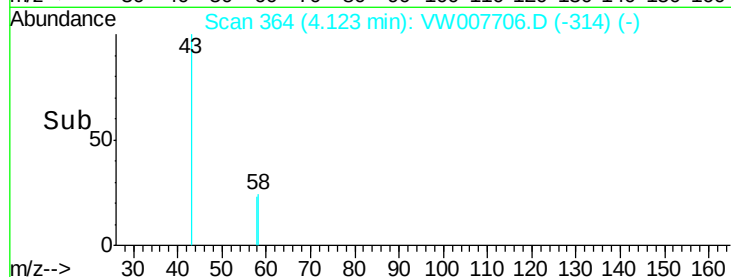
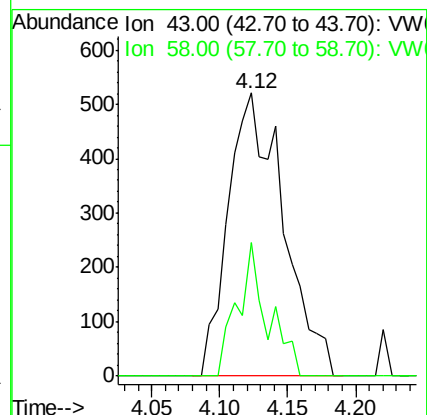
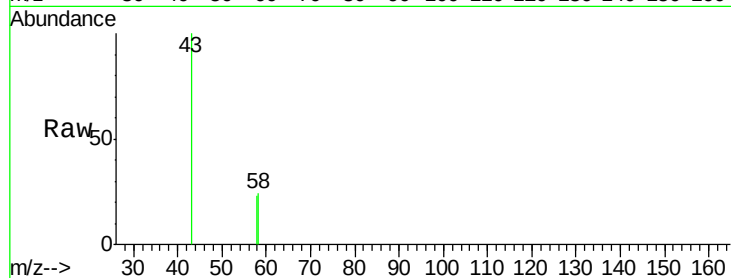
VW1221SBL01

Tgt Ion: 43 Resp: 1473

Ion Ratio Lower Upper

43 100

58 47.2 21.2 31.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

Tgt Ion: 84 Resp: 2631

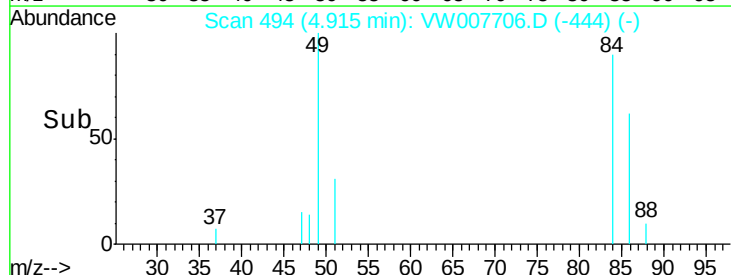
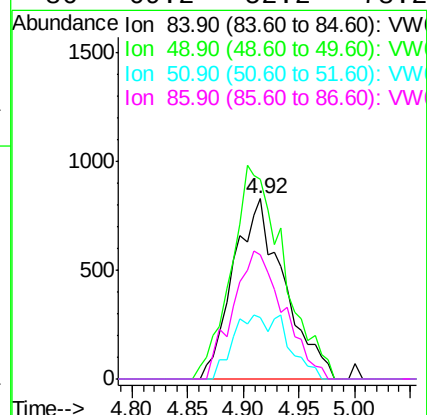
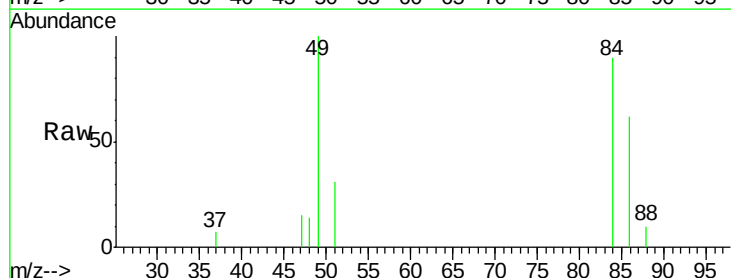
Ion Ratio Lower Upper

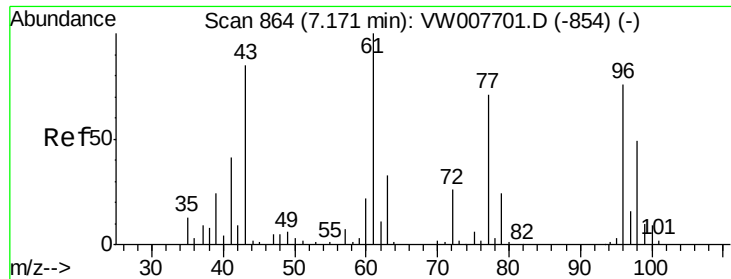
84 100

49 110.9 83.7 125.5

51 34.1 28.2 42.2

86 69.2 52.2 78.2





#25

2-Butanone

Concen: 1.715 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

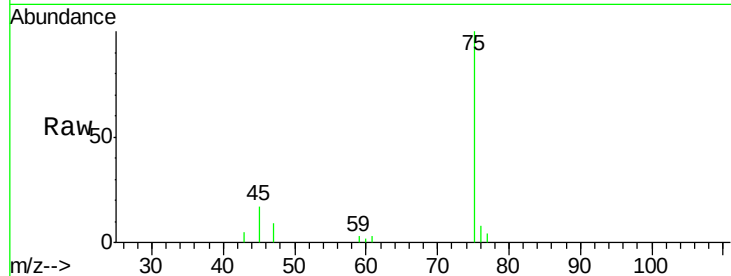
VW1221SBL01

Tgt Ion: 43 Resp: 295

Ion Ratio Lower Upper

43 100

72 0.0 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

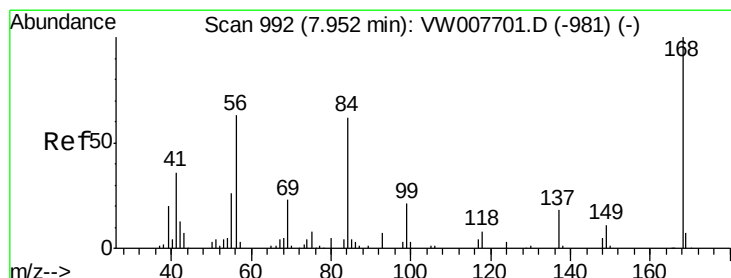
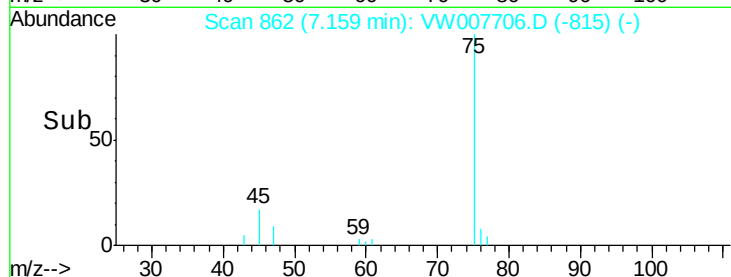
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

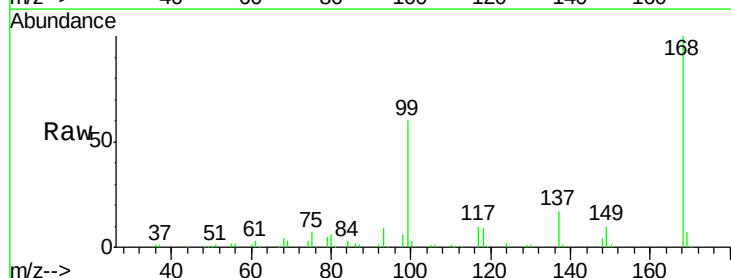
Tgt Ion: 56 Resp: 1637

Ion Ratio Lower Upper

56 100

69 140.3 29.7 44.5#

84 116.4 78.9 118.3



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

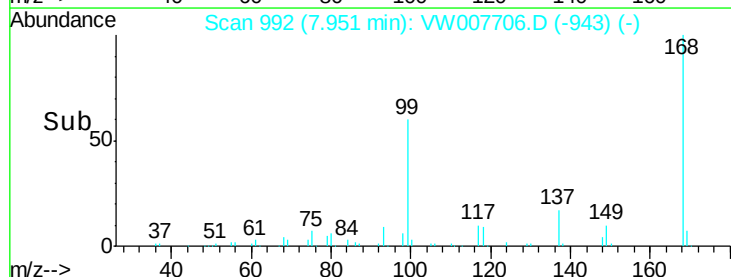
1500

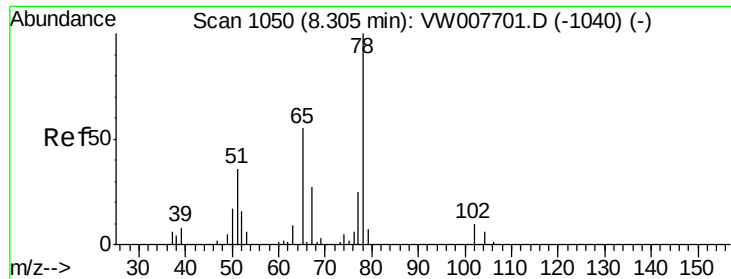
1000

500

0

Time-->

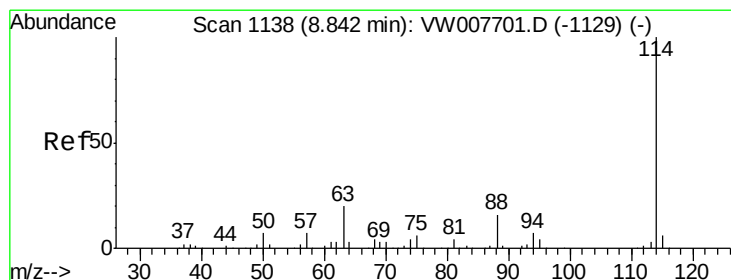
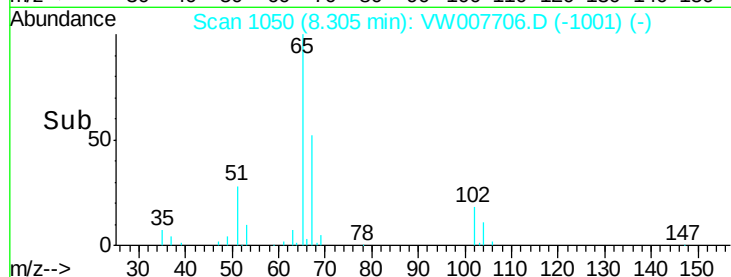
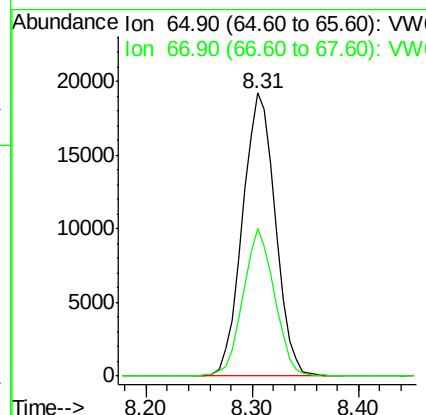
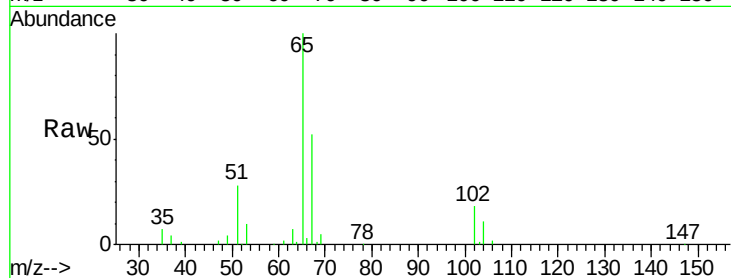




#33
 1,2-Dichloroethane-d4
 Concen: 53.150 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007706.D
 Acq: 19 Dec 2018 18:18

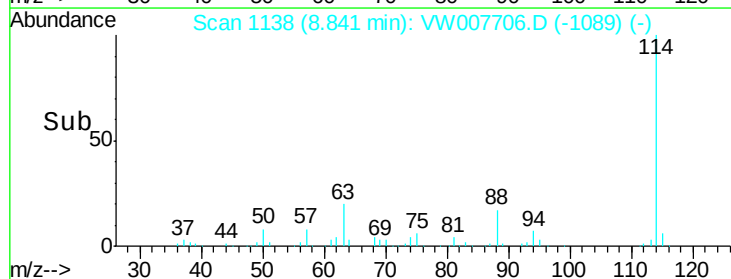
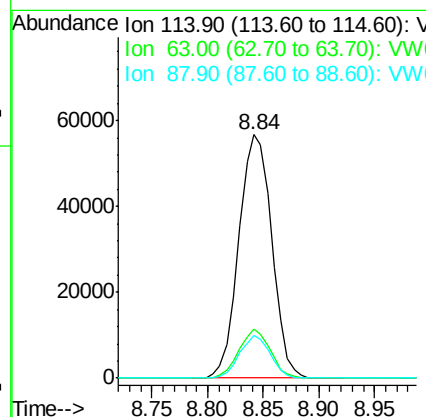
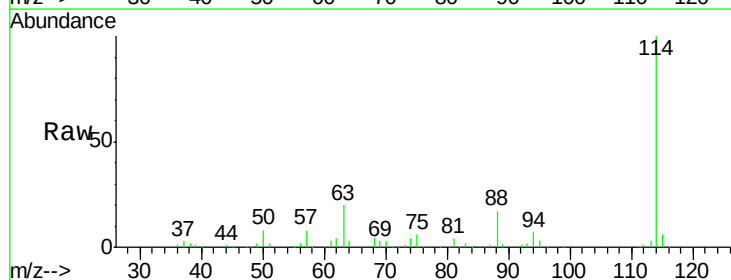
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBL01

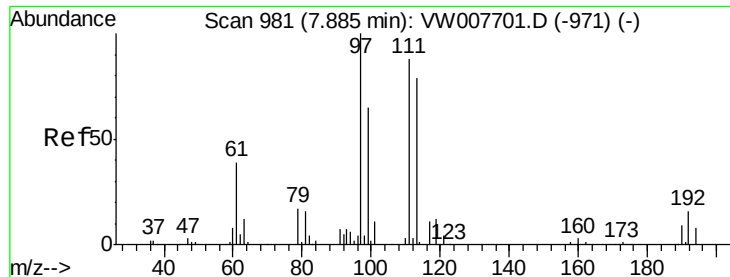
Tgt Ion: 65 Resp: 41673
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007706.D
 Acq: 19 Dec 2018 18:18

Tgt Ion: 114 Resp: 116175
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 17.3 0.0 32.6

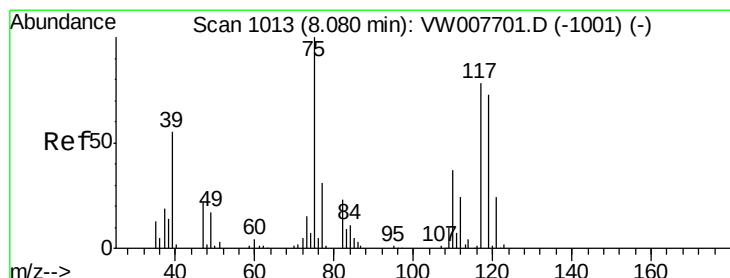
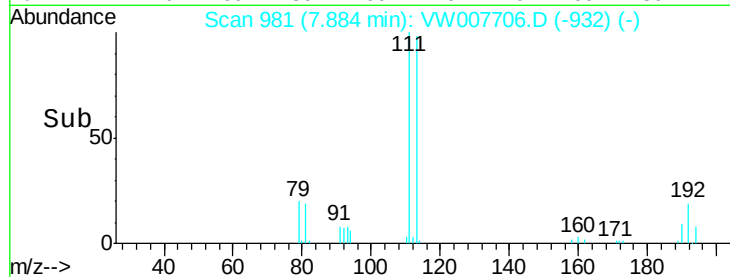
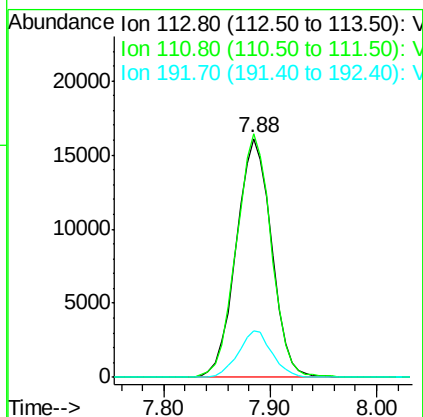
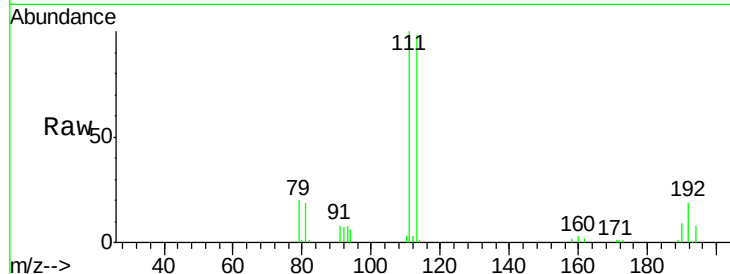




#35
 Dibromofluoromethane
 Concen: 52.840 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007706.D
 Acq: 19 Dec 2018 18:18

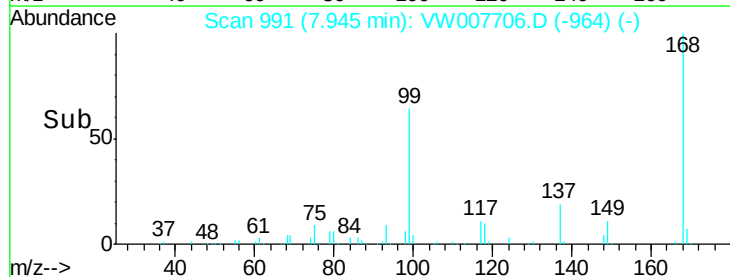
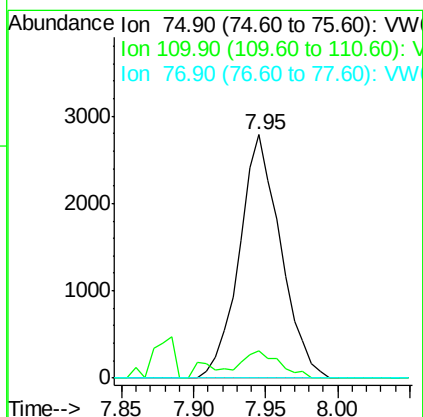
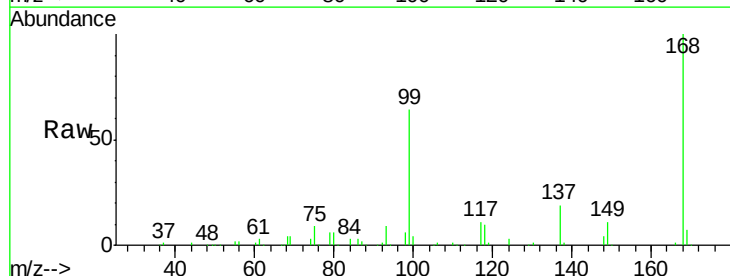
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 MSVOA_W
 ClientSampleId :
 VW1221SBL01

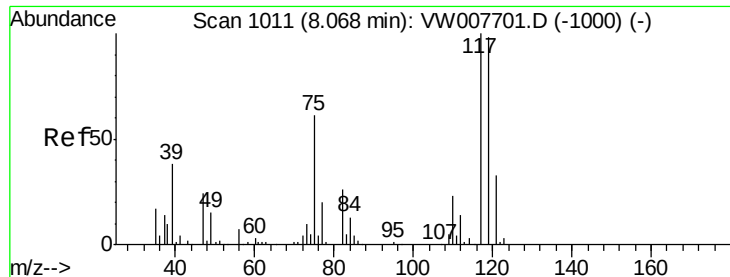
Tgt Ion:113 Resp: 37449
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.6 124.0
 192 18.5 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007706.D
 Acq: 19 Dec 2018 18:18

Tgt Ion: 75 Resp: 5522
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.6 55.8#
 77 0.0 25.0 37.4#

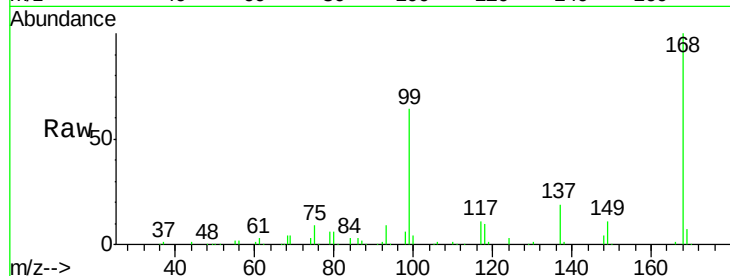




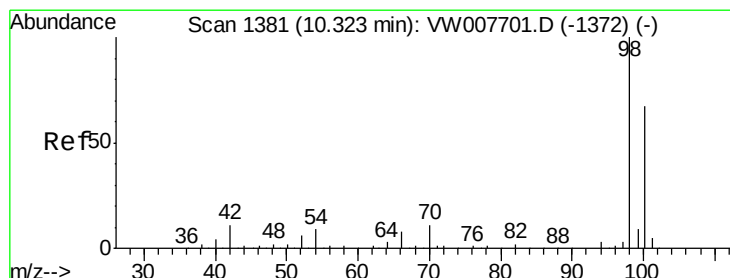
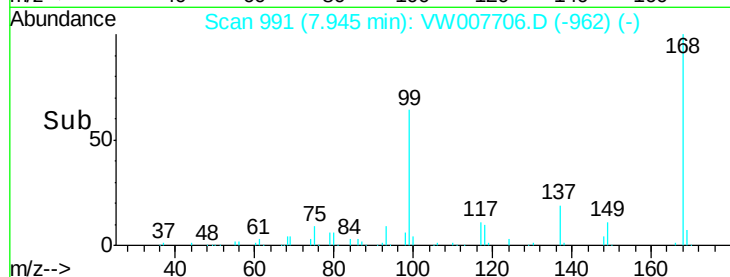
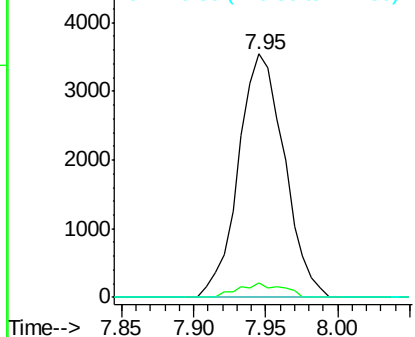
#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007706.D
Acq: 19 Dec 2018 18:18

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBL01

Tgt Ion: 117 Resp: 7833
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 26.1 39.1#

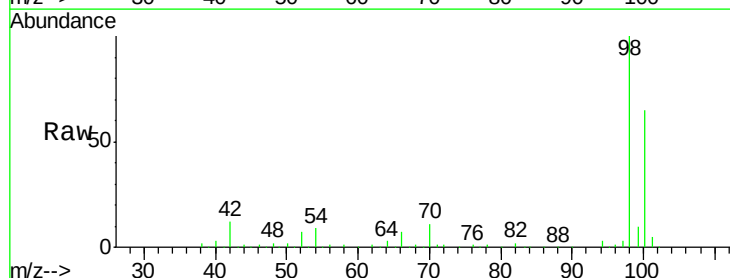


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

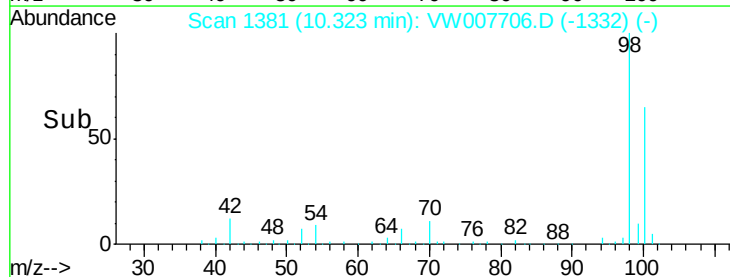
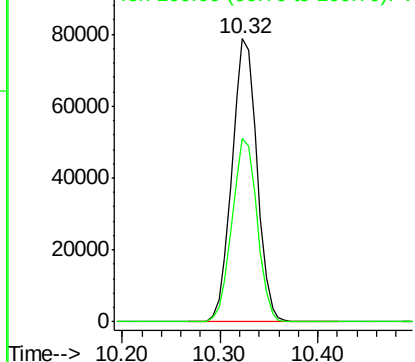


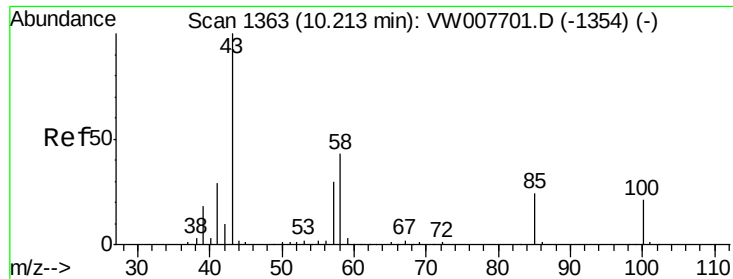
#50
Toluene-d8
Concen: 52.137 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007706.D
Acq: 19 Dec 2018 18:18

Tgt Ion: 98 Resp: 139300
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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

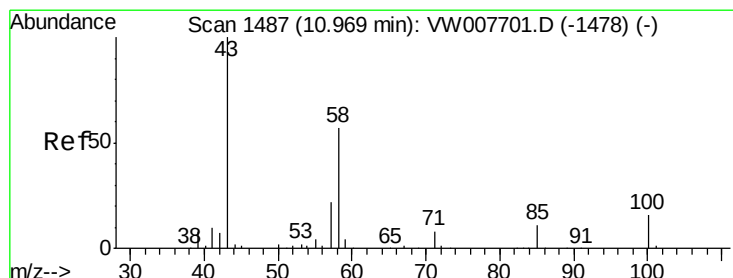
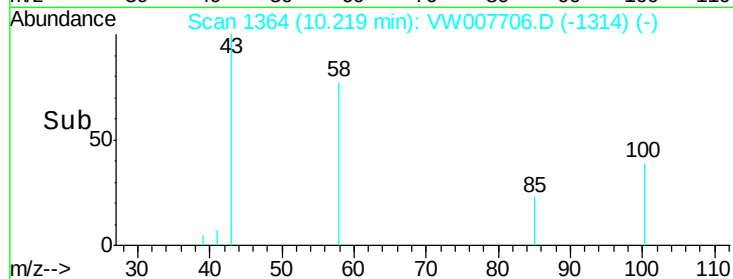
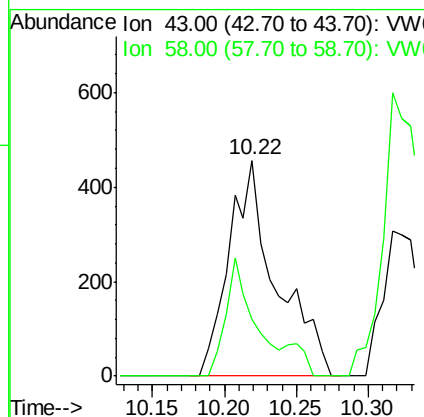
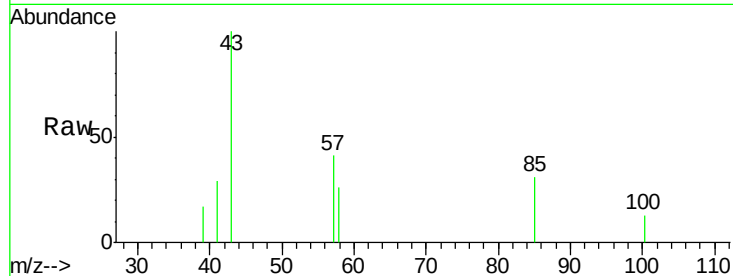




#51
4-Methyl-2-Pentanone
Concen: 2.852 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW007706.D
Acq: 19 Dec 2018 18:18

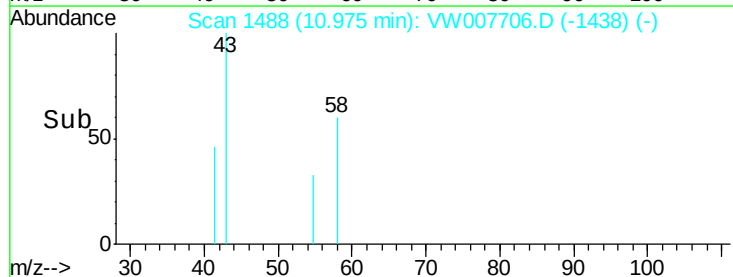
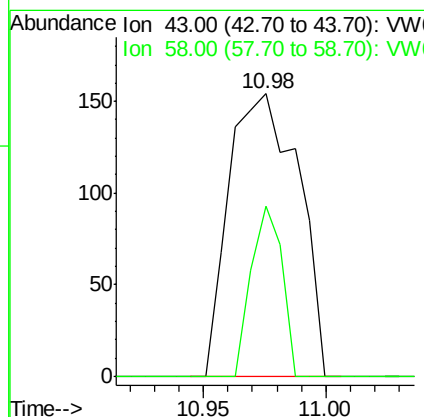
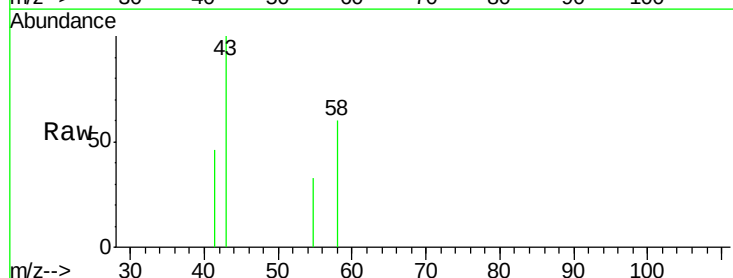
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBL01

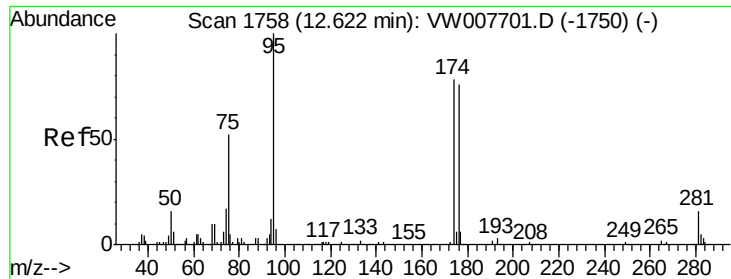
Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 33.0 33.2 49.8#



#59
2-Hexanone
Concen: 1.184 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW007706.D
Acq: 19 Dec 2018 18:18

Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 26.9 27.7 83.1#





#62

4-Bromofluorobenzene

Concen: 50.956 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL01

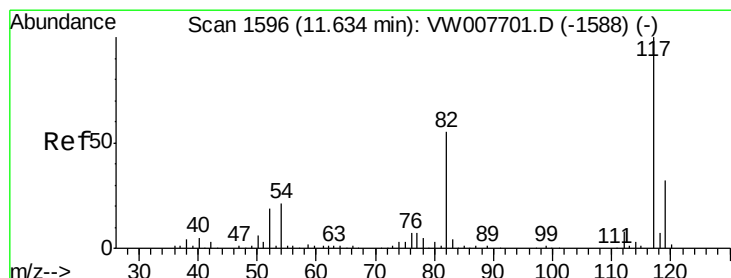
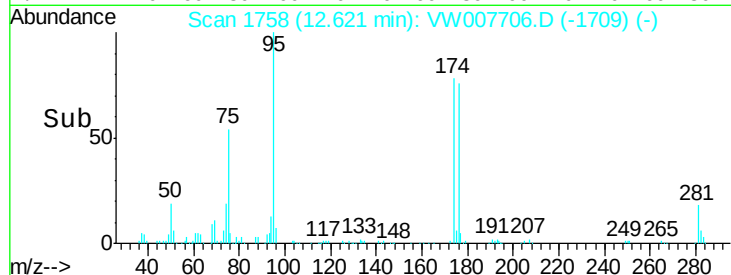
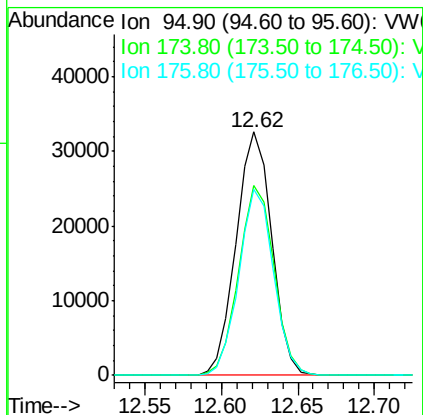
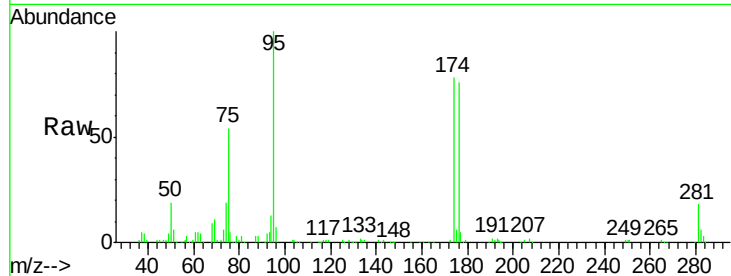
Tgt Ion: 95 Resp: 52595

Ion Ratio Lower Upper

95 100

174 77.6 0.0 152.2

176 74.5 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: VW007706.D

Acq: 19 Dec 2018 18:18

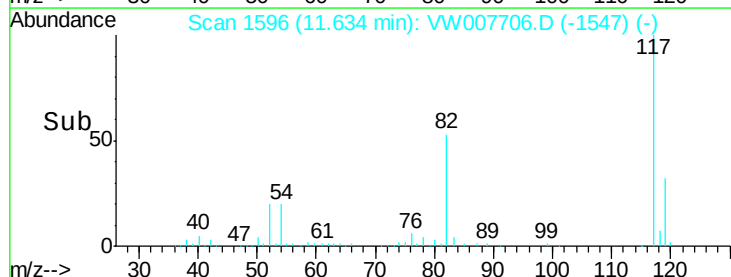
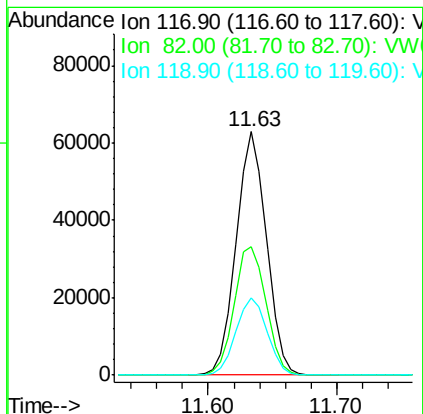
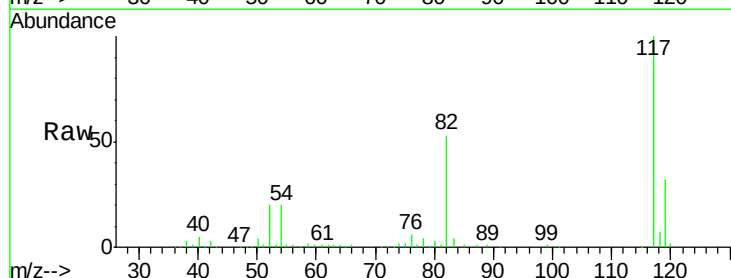
Tgt Ion: 117 Resp: 102593

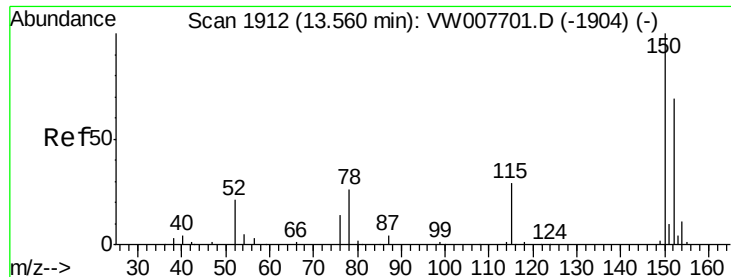
Ion Ratio Lower Upper

117 100

82 52.9 44.3 66.5

119 31.9 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: VW007706.D

Acq: 19 Dec 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL01

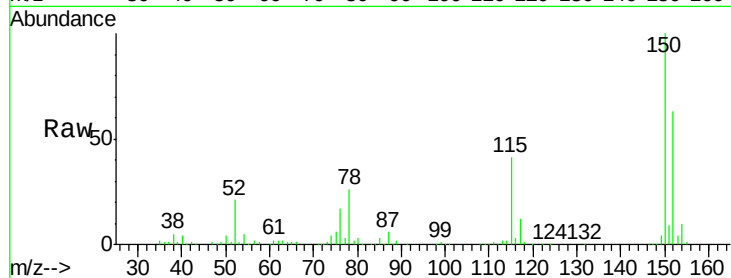
Tgt Ion:152 Resp: 51856

Ion Ratio Lower Upper

152 100

115 64.2 31.8 95.4

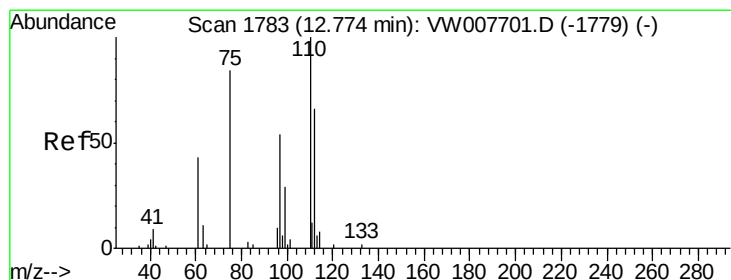
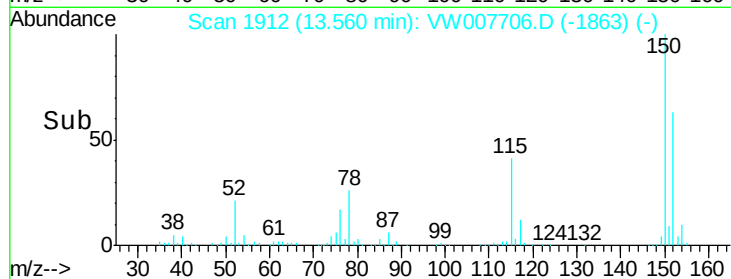
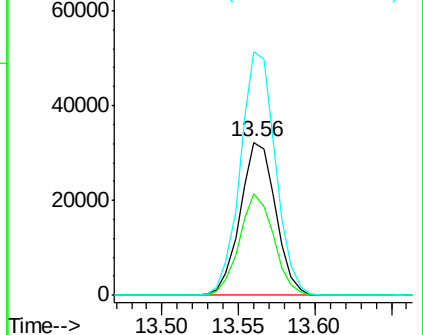
150 157.8 0.0 350.8



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: 68.059 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007706.D

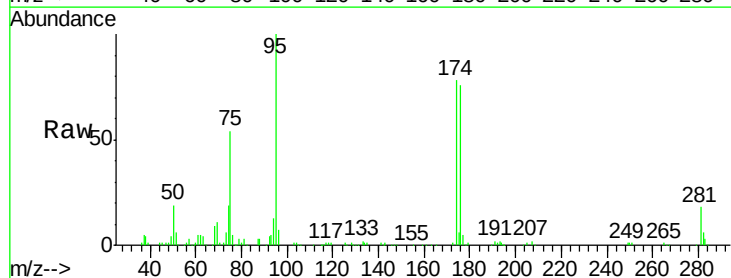
Acq: 19 Dec 2018 18:18

Tgt Ion: 75 Resp: 27278

Ion Ratio Lower Upper

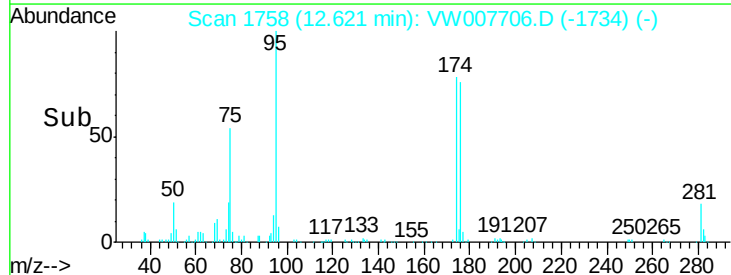
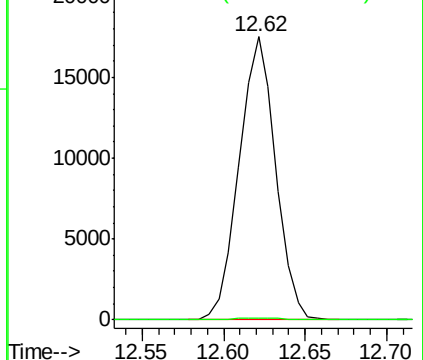
75 100

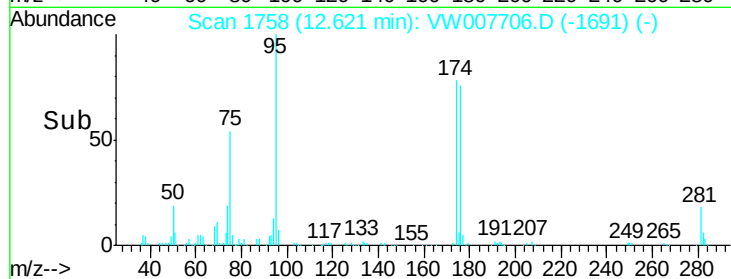
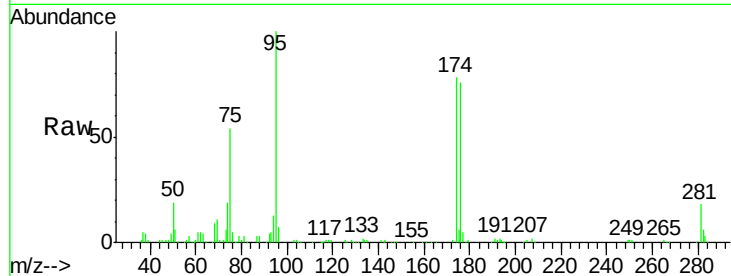
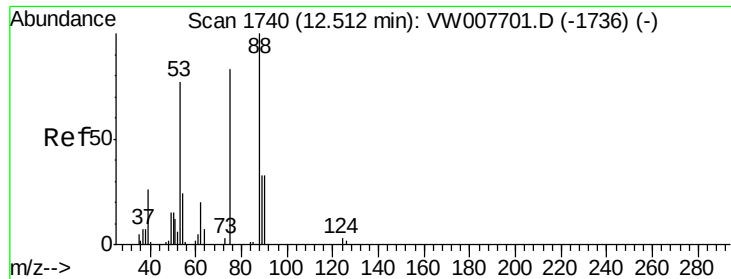
77 0.8 0.0 0.0#



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: 142.861 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007706.D

Acq: 19 Dec 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL01

Tgt Ion: 75 Resp: 27278

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.2 39.2 58.8#

