

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006768.D
 Acq On : 08 Nov 2018 16:15
 Operator : SY/AP
 Sample : J5813-12
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-L

Quant Time: Nov 09 11:14:18 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

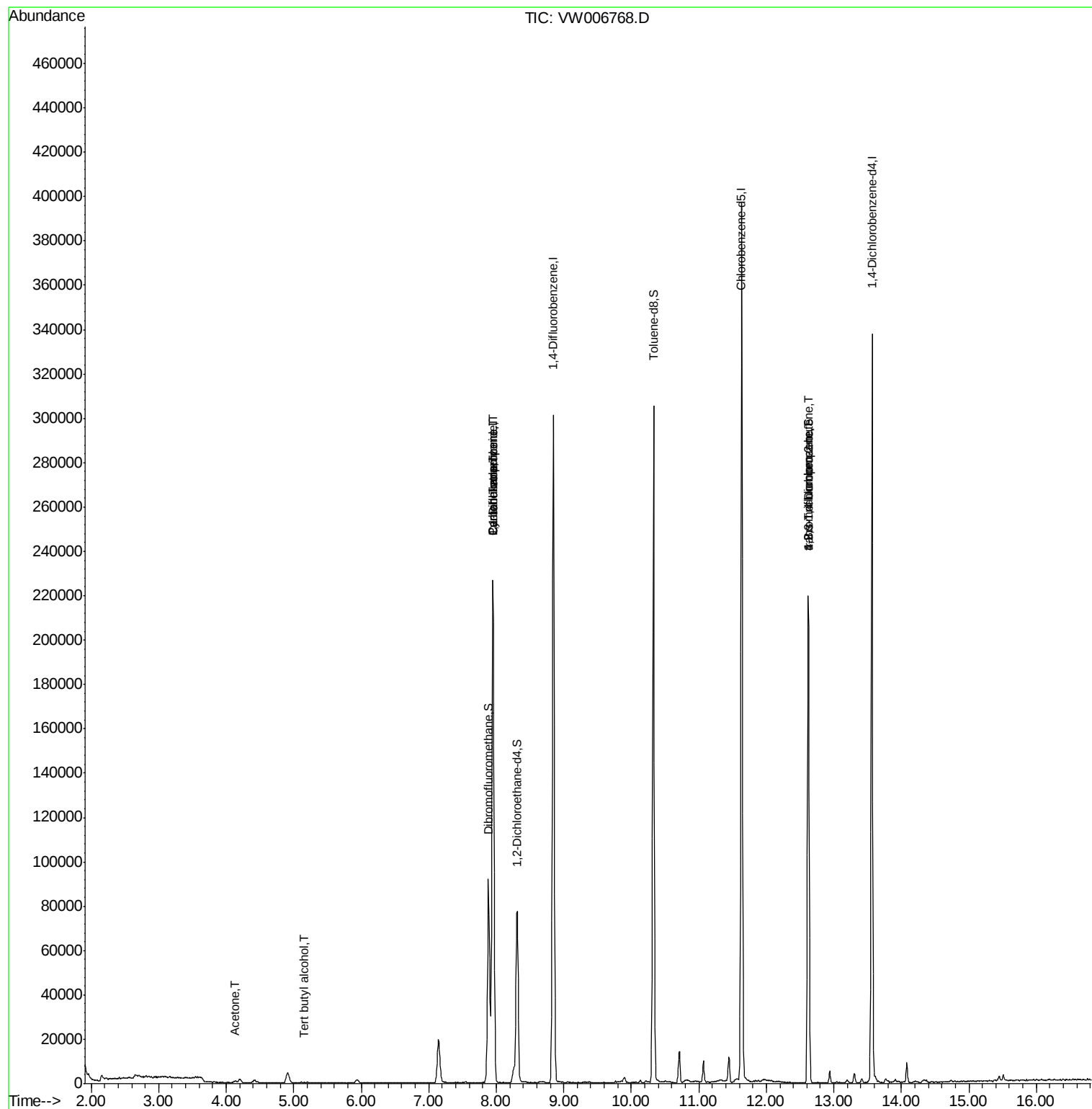
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	269308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	62508	38.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.28%	
35) Dibromofluoromethane	7.88	113	64934	38.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.84%	
50) Toluene-d8	10.33	98	208834	32.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.92%	
62) 4-Bromofluorobenzene	12.62	95	61845	26.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	264	3.029	ug/l #	84
16) Acetone	4.13	43	1502	5.750	ug/l	94
20) Methylene Chloride	4.91	84	3949	Below Cal	#	90
31) Cyclohexane	7.95	56	3160	1.226	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	11983	5.060	ug/l #	47
38) Carbon Tetrachloride	7.95	117	16301	6.587	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	30534	40.478	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30534	101.909	ug/l #	11

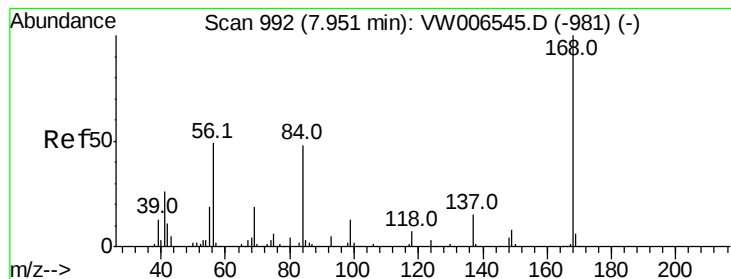
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

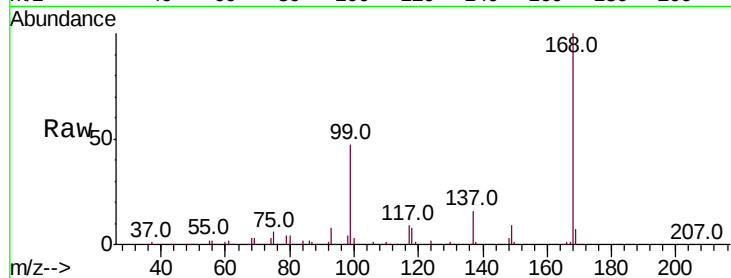
TS-L

Tot Ion:168 Resp: 188212

Ion Ratio Lower Upper

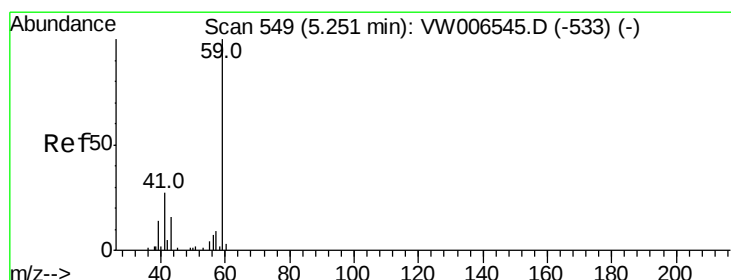
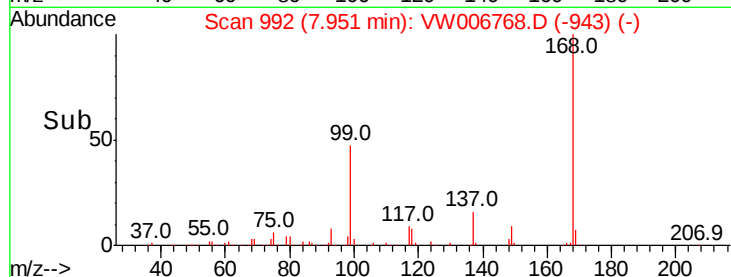
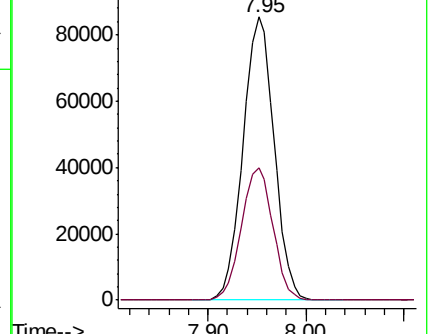
168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.029 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.09 min

Lab File: VW006768.D

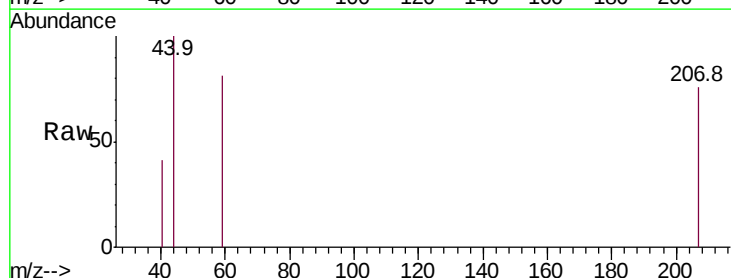
Acq: 08 Nov 2018 16:15

Tgt Ion: 59 Resp: 264

Ion Ratio Lower Upper

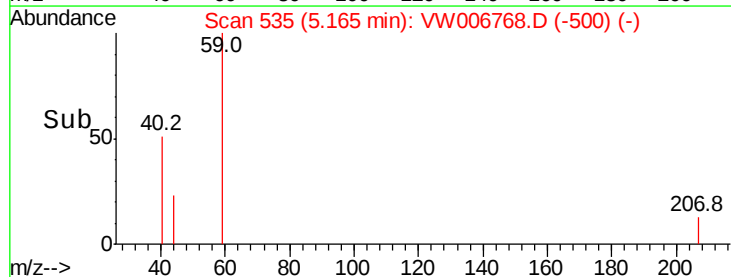
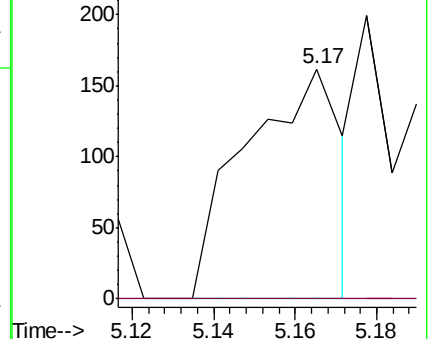
59 100

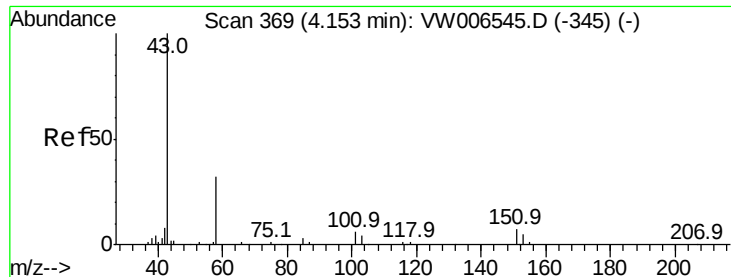
57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.750 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

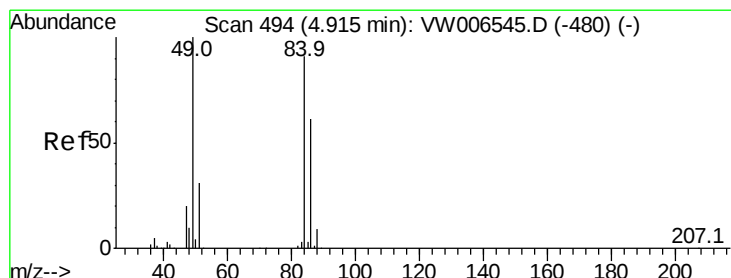
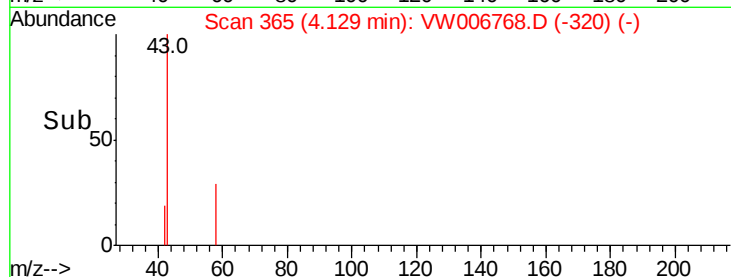
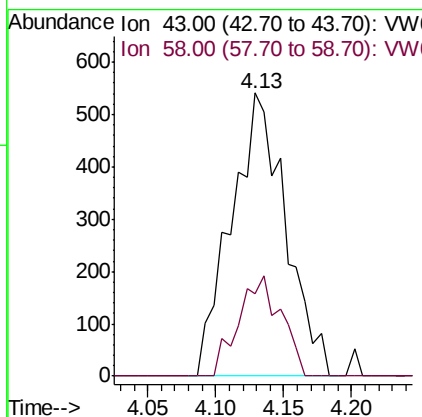
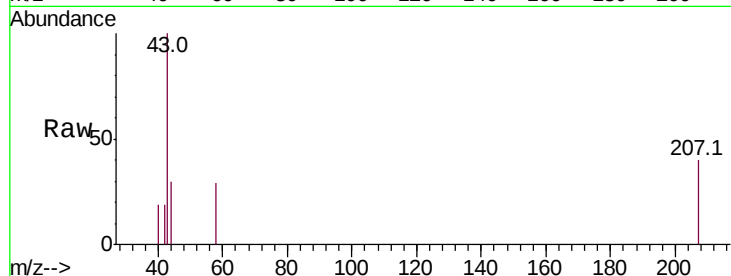
TS-L

Tot Ion: 43 Resp: 1502

Ion Ratio Lower Upper

43 100

58 29.0 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Tgt Ion: 84 Resp: 3949

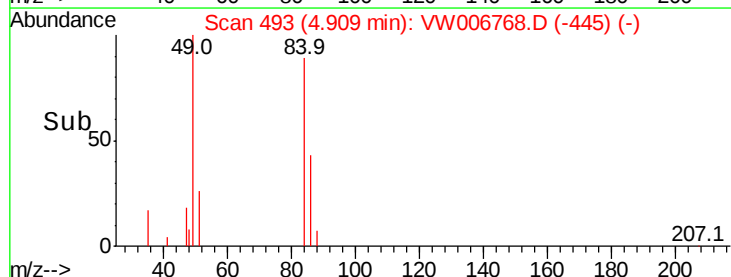
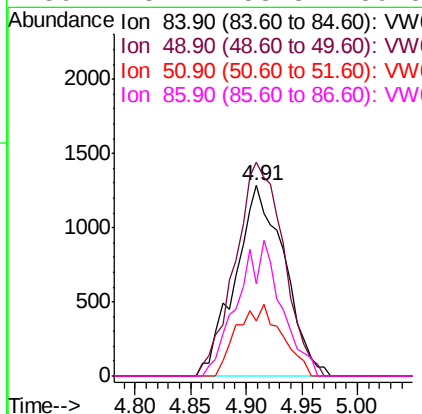
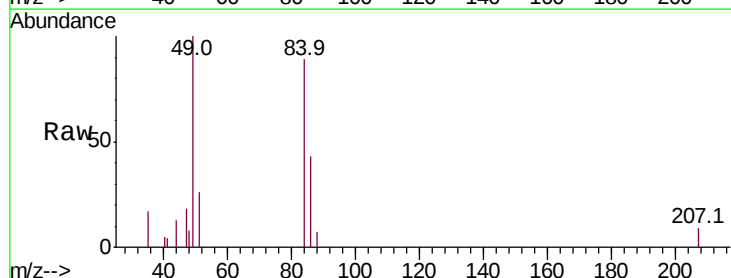
Ion Ratio Lower Upper

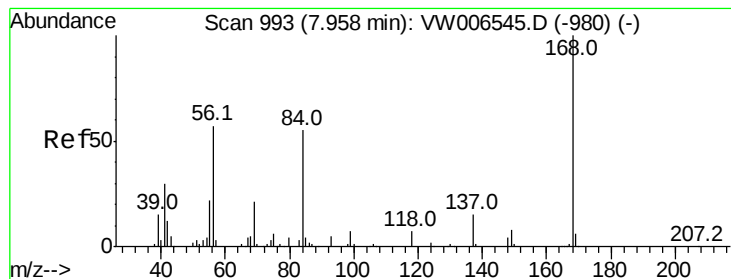
84 100

49 112.3 88.2 132.4

51 29.3 27.0 40.6

86 48.4 53.8 80.8#





#31

Cyclohexane

Concen: 1.226 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Instrument :

MSVOA_W

ClientSampled :

TS-L

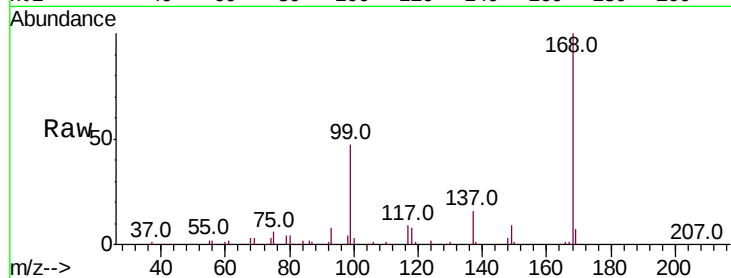
Tot Ion: 56 Resp: 3160

Ion Ratio Lower Upper

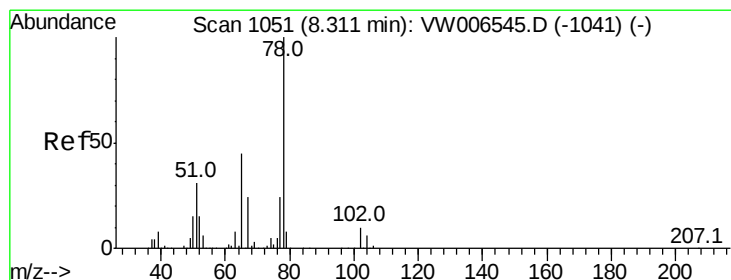
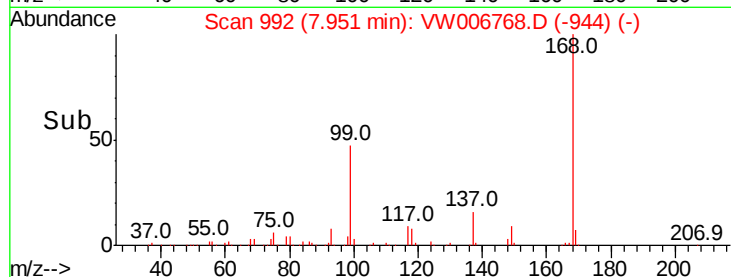
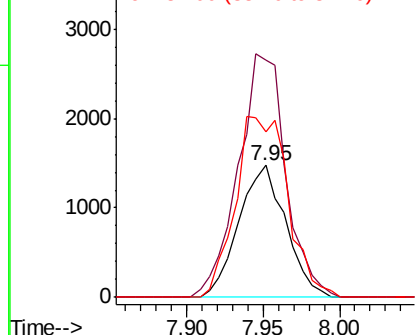
56 100

69 180.1 29.0 43.4#

84 125.9 77.8 116.6#



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: 38.636 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006768.D

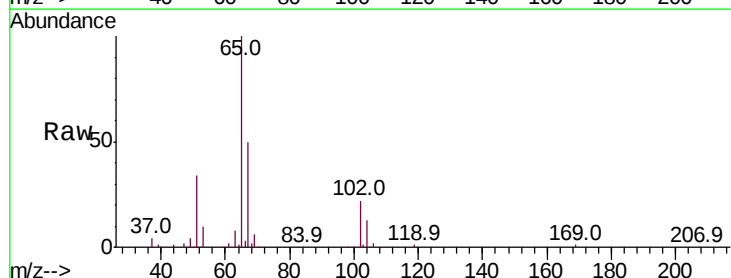
Acq: 08 Nov 2018 16:15

Tgt Ion: 65 Resp: 62508

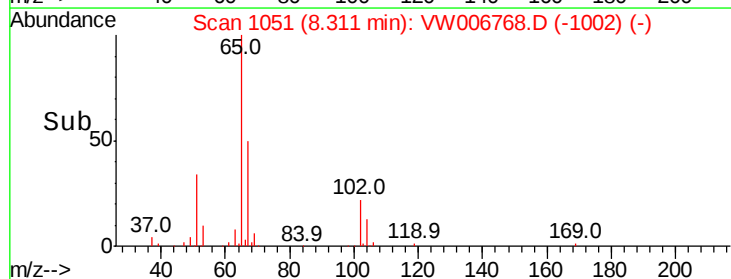
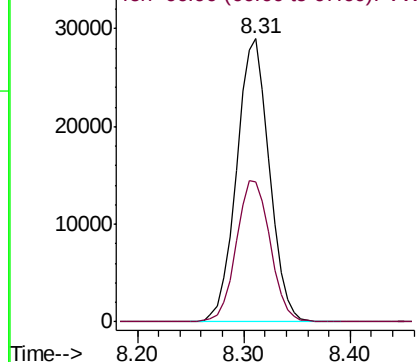
Ion Ratio Lower Upper

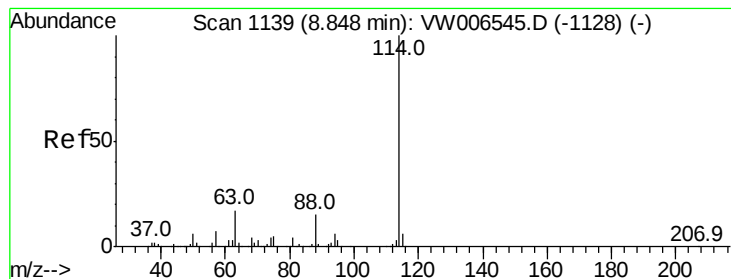
65 100

67 51.8 0.0 104.4



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: VW006768.D

Acq: 08 Nov 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

TS-L

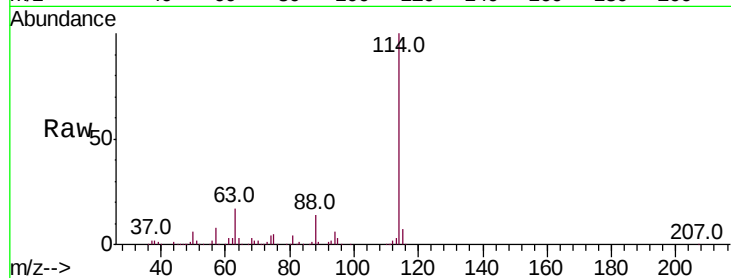
Tot Ion:114 Resp: 269308

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

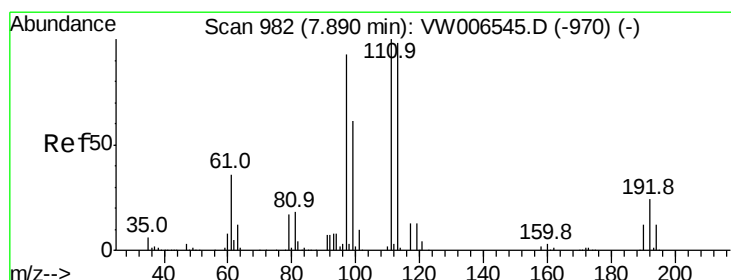
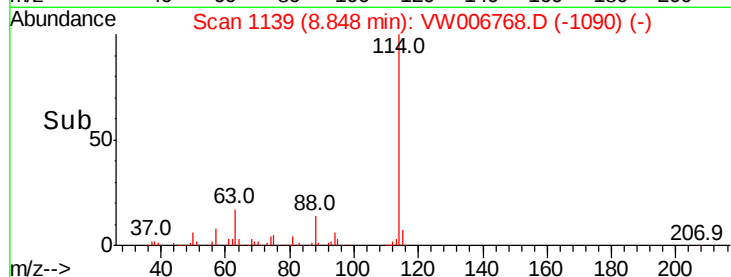
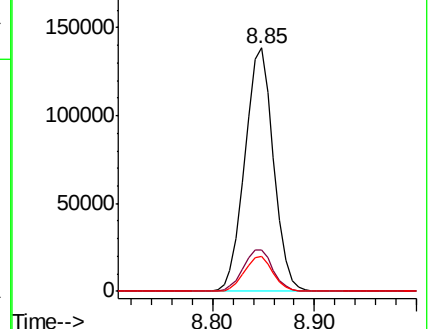
88 14.3 0.0 29.0



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: 38.420 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

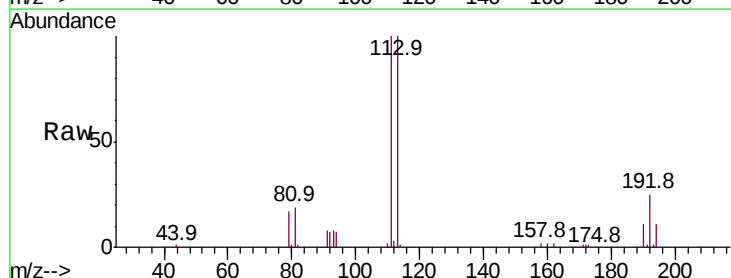
Tgt Ion:113 Resp: 64934

Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.2

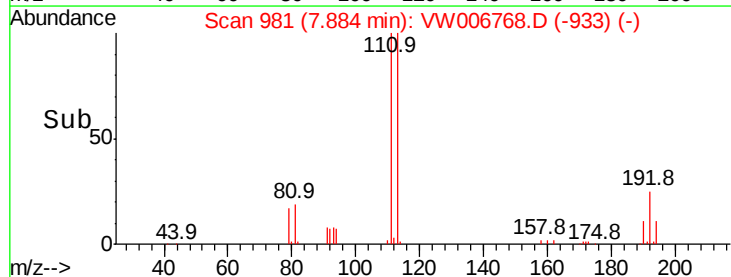
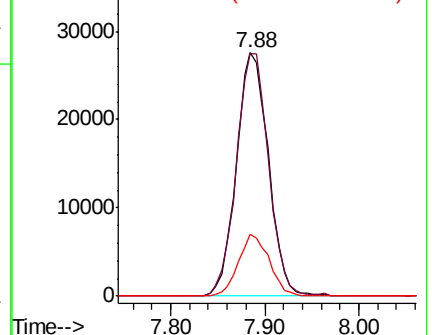
192 24.4 19.0 28.6

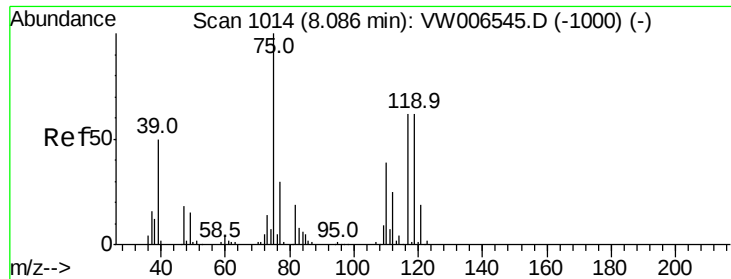


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

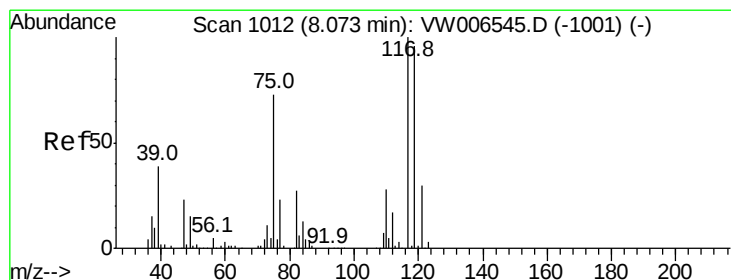
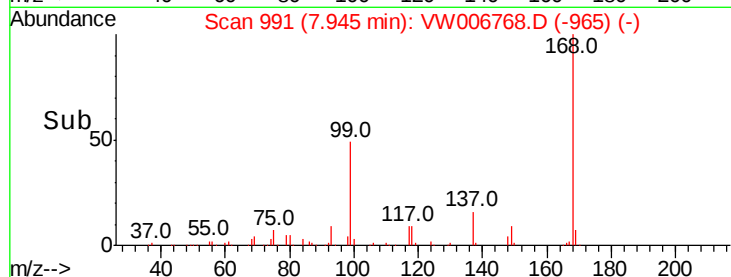
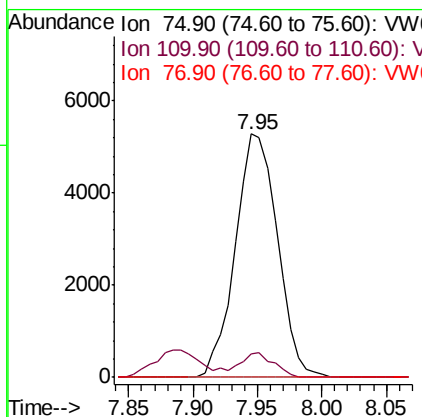
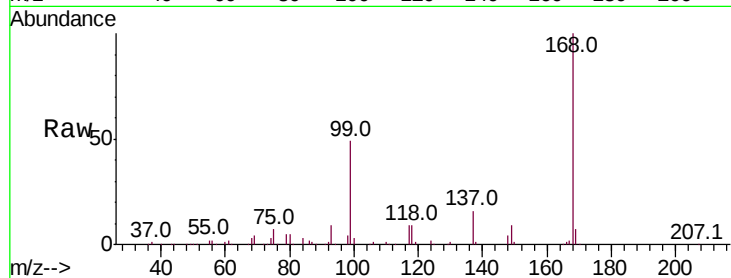




#36
 1,1-Dichloropropene
 Concen: 5.060 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006768.D
 Acq: 08 Nov 2018 16:15

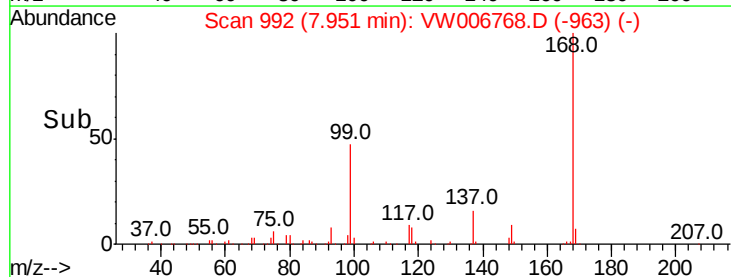
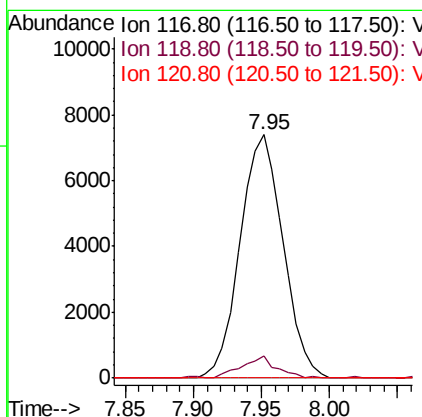
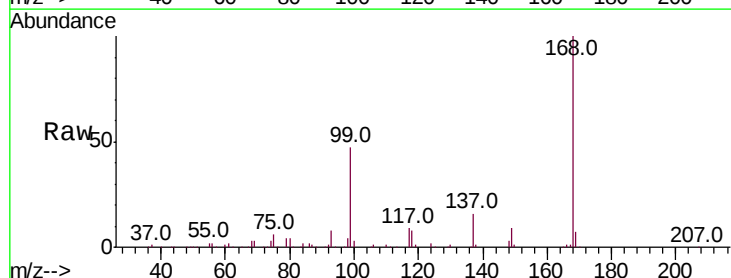
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-L

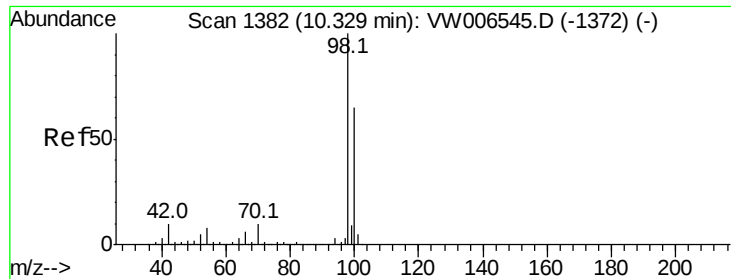
Tot Ion: 75 Resp: 11983
 Ion Ratio Lower Upper
 75 100
 110 7.9 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.587 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006768.D
 Acq: 08 Nov 2018 16:15

Tgt Ion: 117 Resp: 16301
 Ion Ratio Lower Upper
 117 100
 119 9.1 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 32.458 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Instrument :

MSVOA_W

ClientSampled :

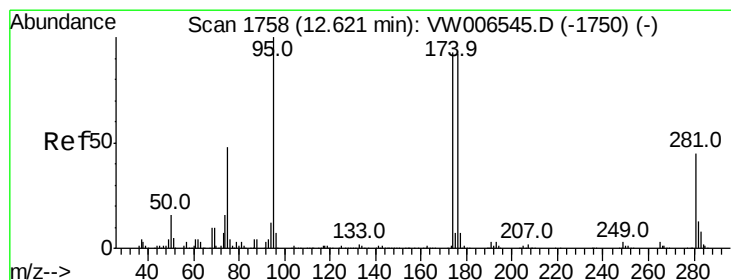
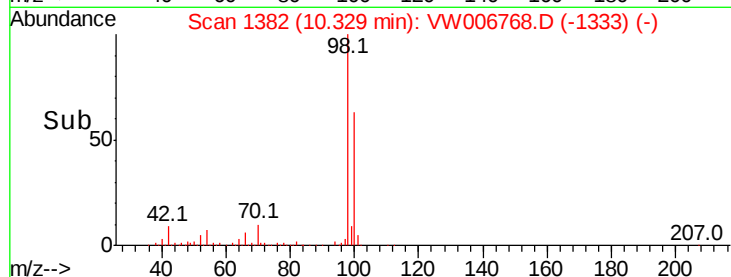
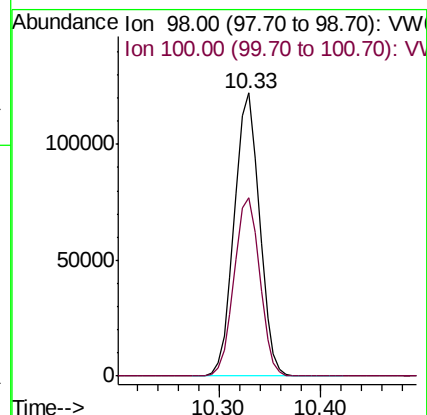
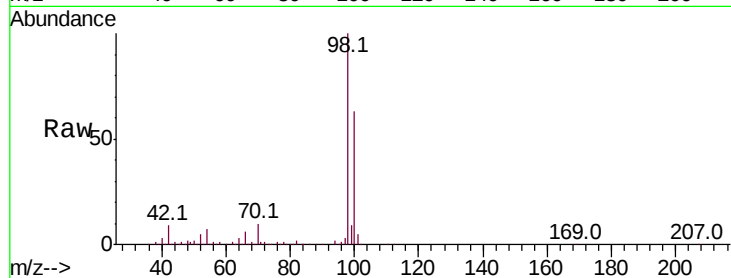
TS-L

Tot Ion: 98 Resp: 208834

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.514 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

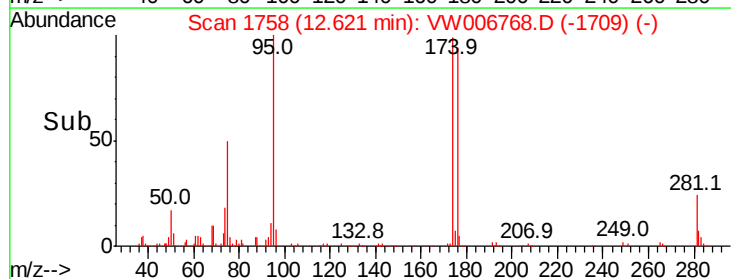
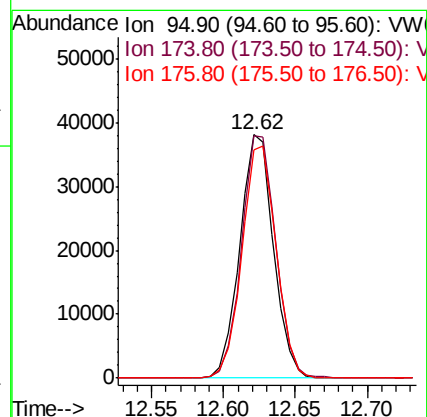
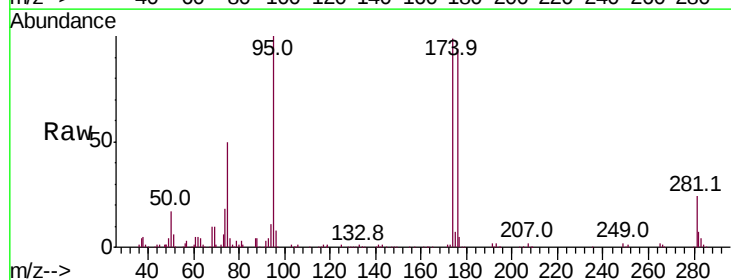
Tgt Ion: 95 Resp: 61845

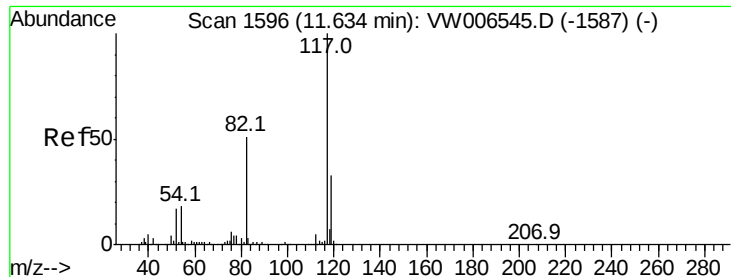
Ion Ratio Lower Upper

95 100

174 101.0 0.0 192.4

176 96.7 0.0 187.4

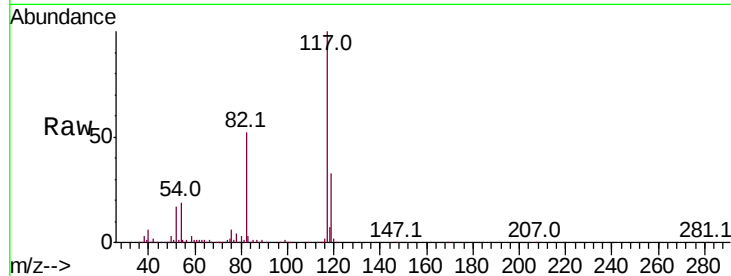




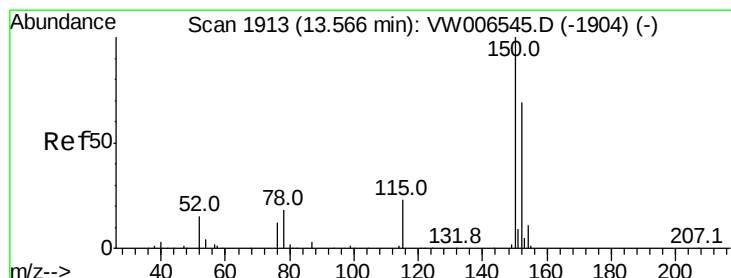
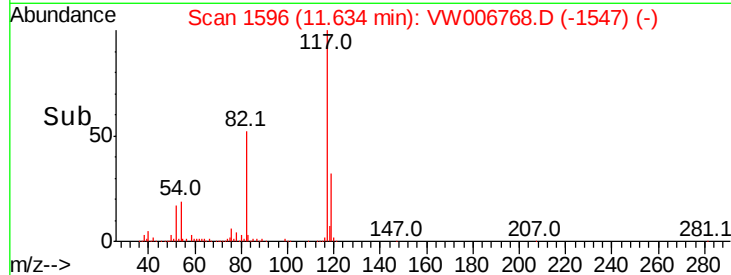
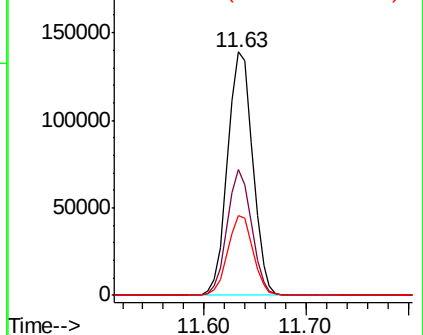
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006768.D
Acq: 08 Nov 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
TS-L

Tot Ion:117 Resp: 236713
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.5 26.1 39.1

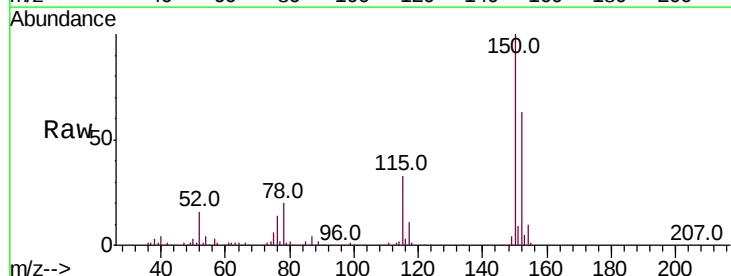


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

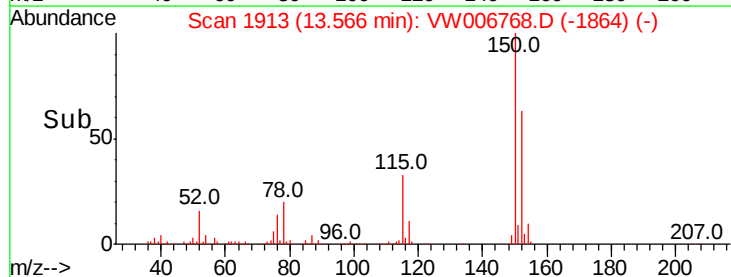
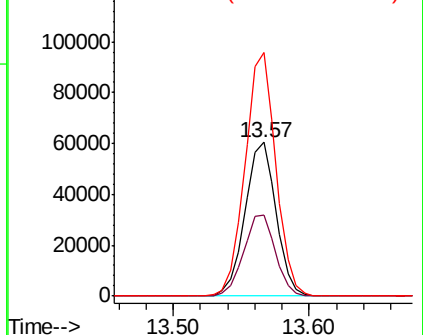


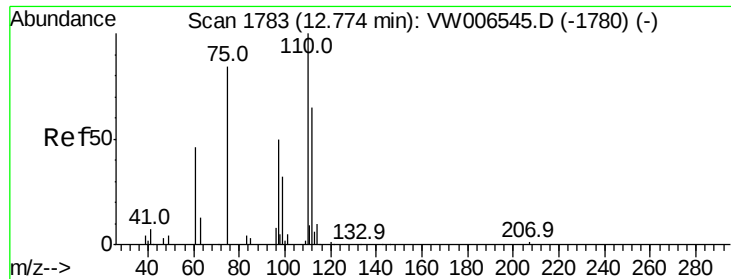
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006768.D
Acq: 08 Nov 2018 16:15

Tgt Ion:152 Resp: 96681
Ion Ratio Lower Upper
152 100
115 53.8 26.6 79.8
150 156.2 0.0 344.6



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: 40.478 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

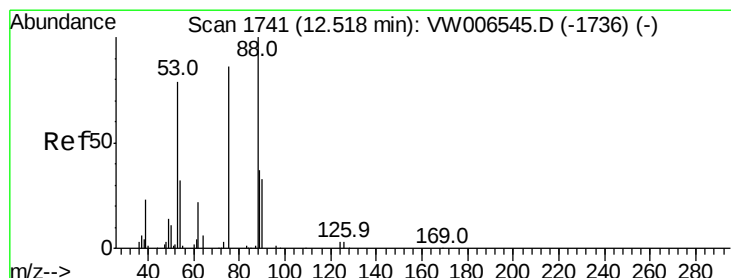
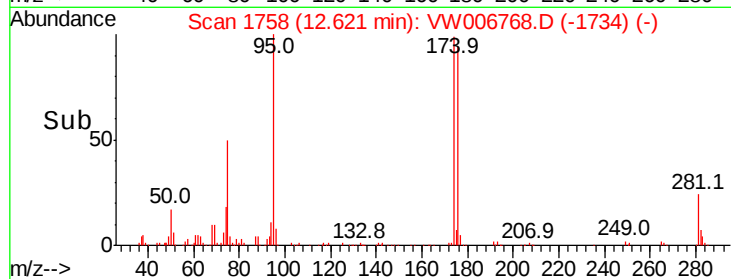
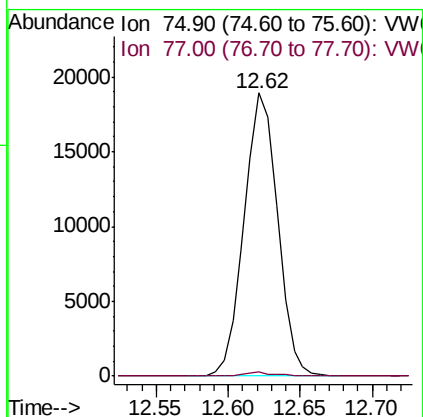
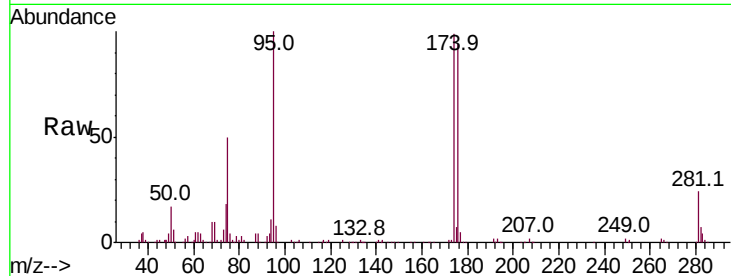
TS-L

Tot Ion: 75 Resp: 30534

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.909 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006768.D

Acq: 08 Nov 2018 16:15

Tgt Ion: 75 Resp: 30534

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

