

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006673.D
 Acq On : 06 Nov 2018 08:56
 Operator : SY/AP
 Sample : J5812-09
 Misc : 6.72G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 10:14:22 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

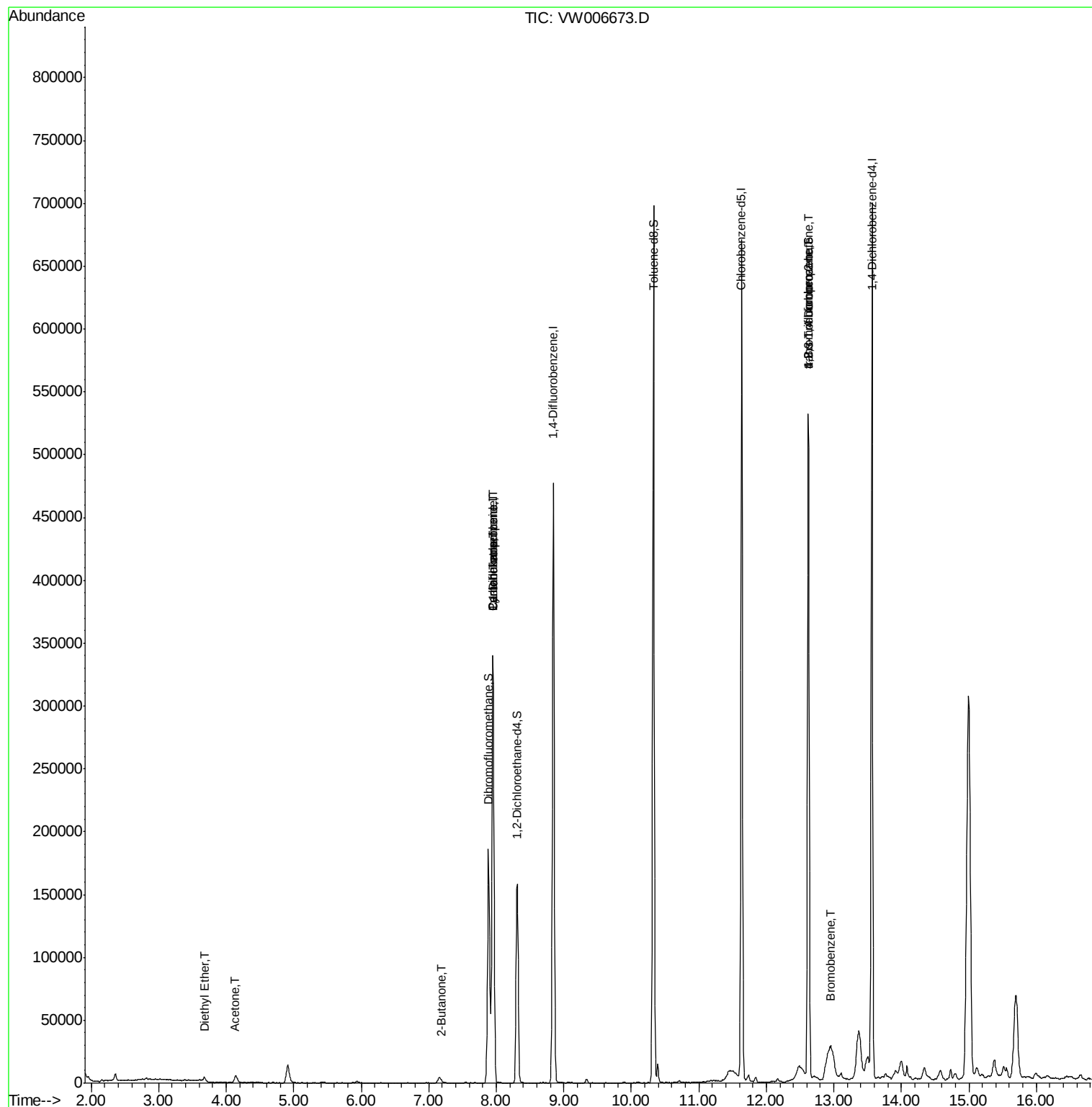
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	200220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126340	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
35) Dibromofluoromethane	7.88	113	130598	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.33	98	484715	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.62	95	164205	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2456	2.034	ug/l	76
16) Acetone	4.14	43	10819	27.918	ug/l	93
20) Methylene Chloride	4.91	84	11973	Below Cal		94
25) 2-Butanone	7.20	43	1606	2.904	ug/l #	88
31) Cyclohexane	7.95	56	4807	1.257	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17060	4.494	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24659	6.216	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	79980	51.198	ug/l #	100
77) Bromobenzene	12.96	156	43833	12.836	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	79980	128.193	ug/l #	11

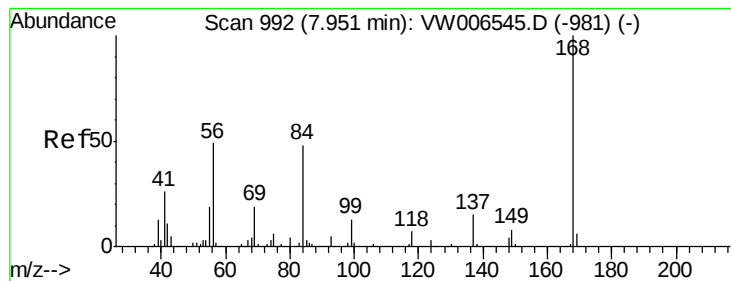
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
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Quant Title : SW846 8260
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: VW006673.D

Acq: 06 Nov 2018 08:56

Instrument :

MSVOA_W

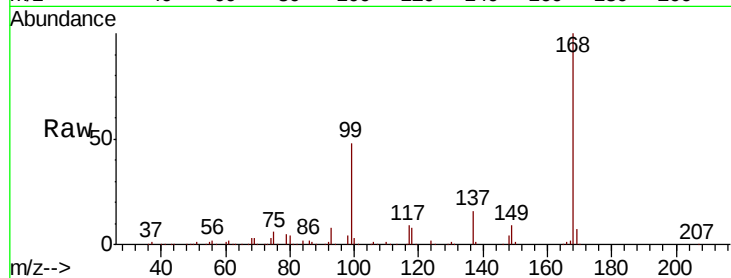
ClientSampled :

Tot Ion:168 Resp: 279233

Ion Ratio Lower Upper

168 100

99 47.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

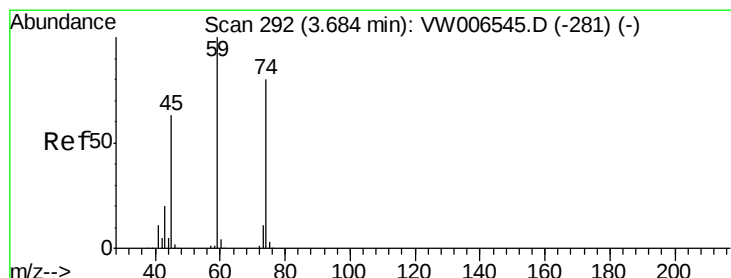
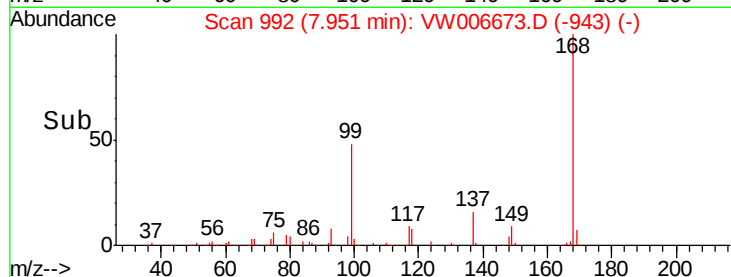
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.034 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006673.D

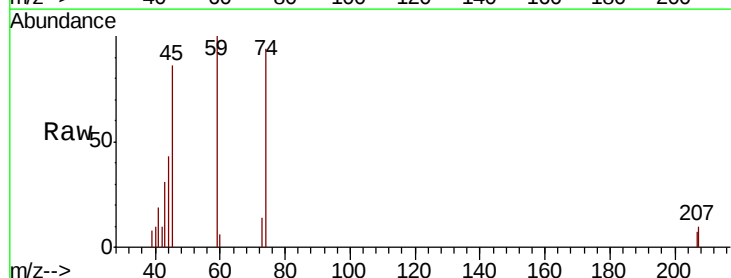
Acq: 06 Nov 2018 08:56

Tgt Ion: 74 Resp: 2456

Ion Ratio Lower Upper

74 100

45 104.2 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

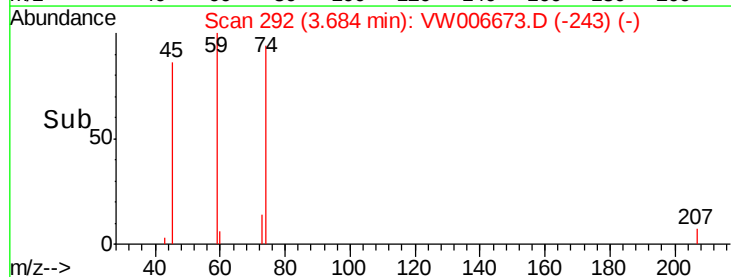
3.68

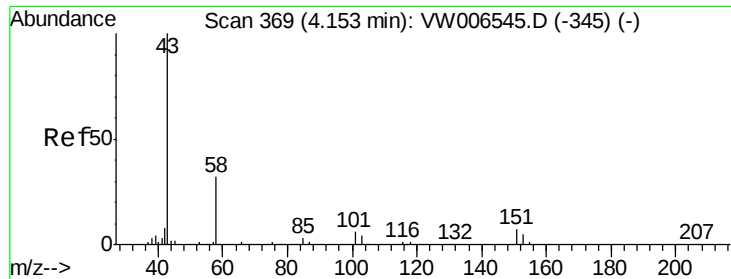
1000

500

0

Time-->

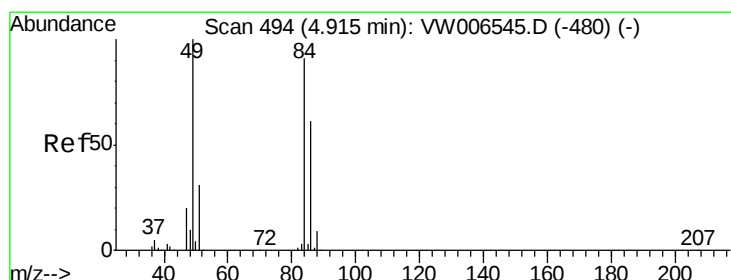
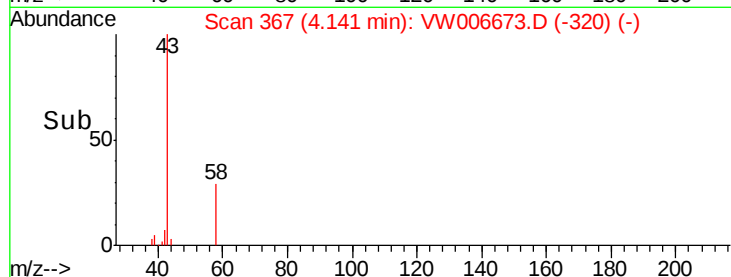
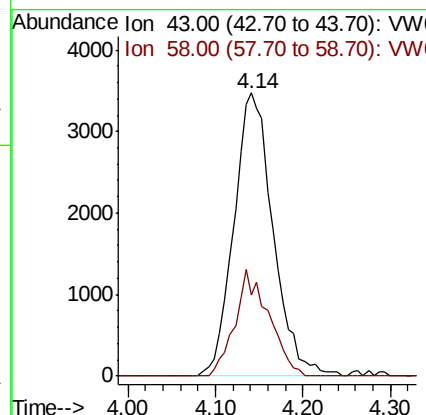
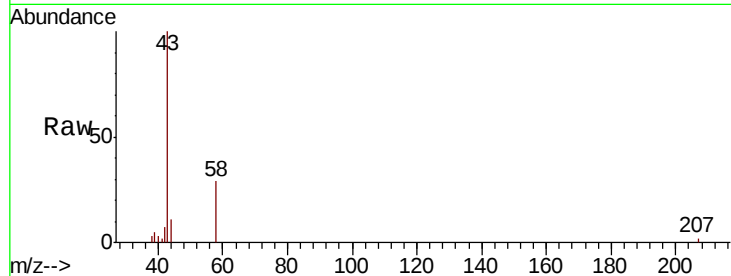




#16
Acetone
Concen: 27.918 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006673.D
Acq: 06 Nov 2018 08:56

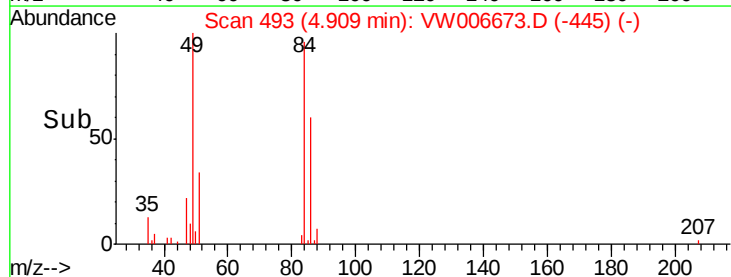
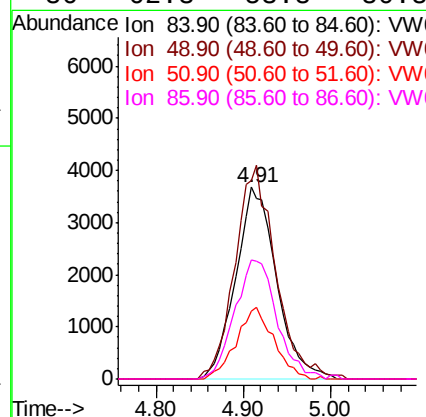
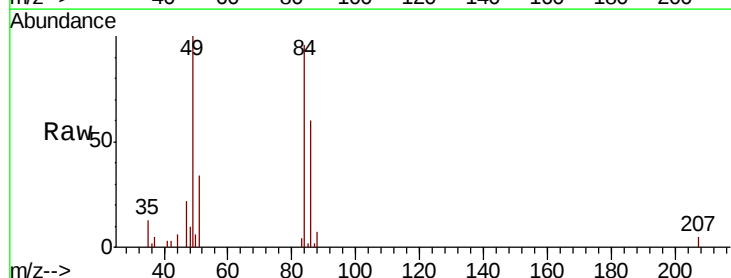
Instrument :
MSVOA_W
ClientSampleId :

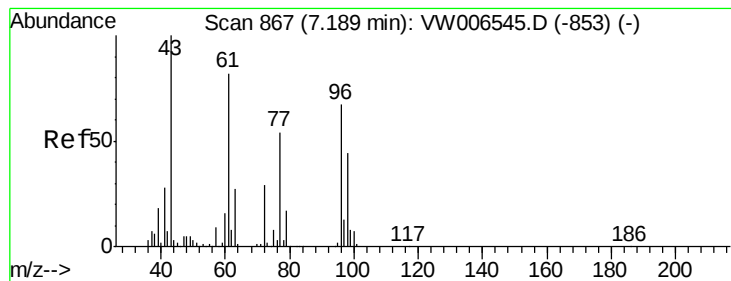
Tot Ion: 43 Resp: 10819
Ion Ratio Lower Upper
43 100
58 28.6 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006673.D
Acq: 06 Nov 2018 08:56

Tgt Ion: 84 Resp: 11973
Ion Ratio Lower Upper
84 100
49 103.8 88.2 132.4
51 35.2 27.0 40.6
86 62.3 53.8 80.8





#25

2-Butanone

Concen: 2.904 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

Instrument :

MSVOA_W

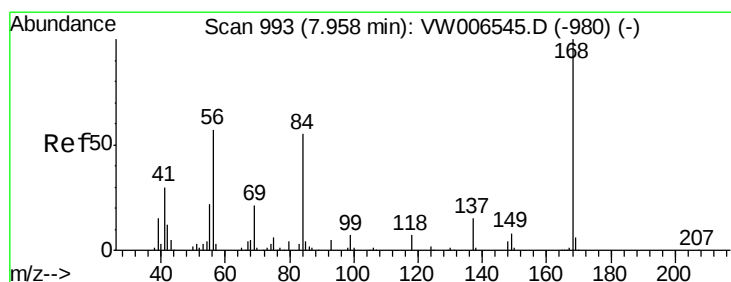
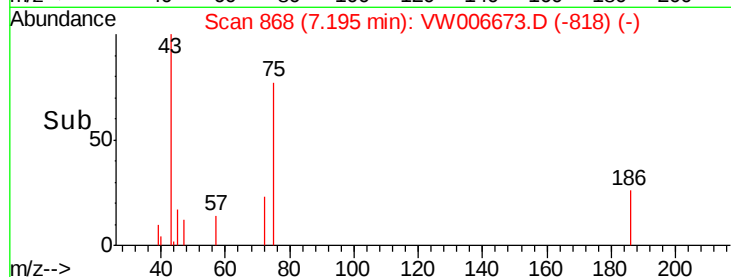
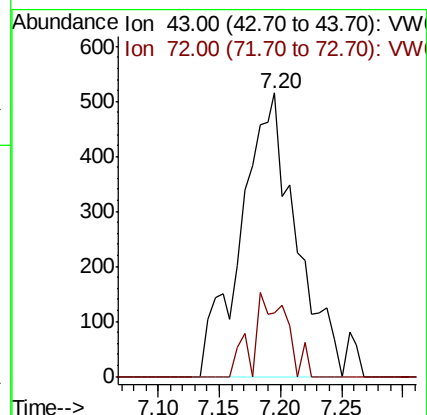
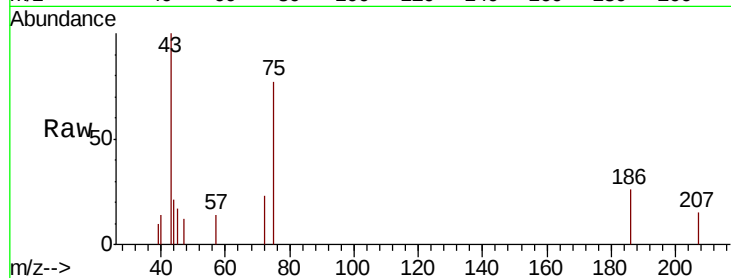
ClientSampleId :

Tot Ion: 43 Resp: 1606

Ion Ratio Lower Upper

43 100

72 22.5 23.2 34.8#



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

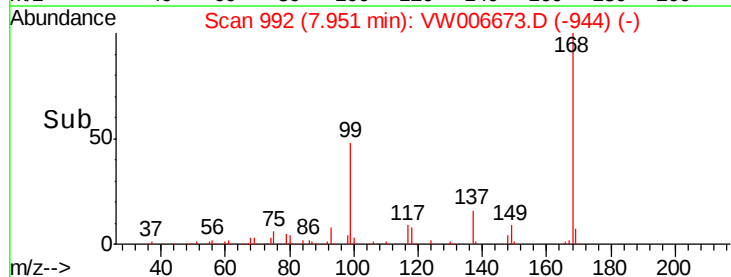
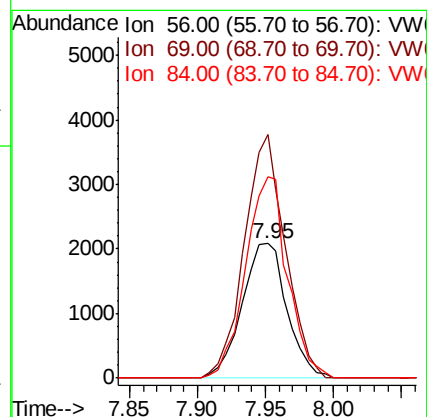
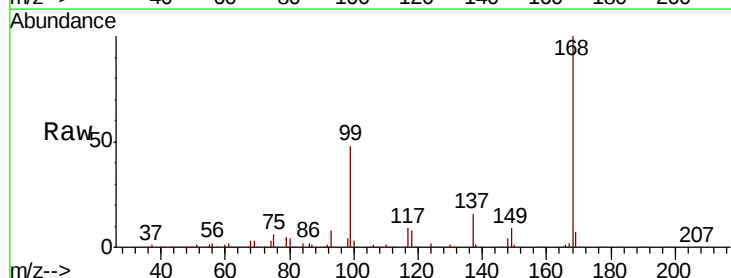
Tgt Ion: 56 Resp: 4807

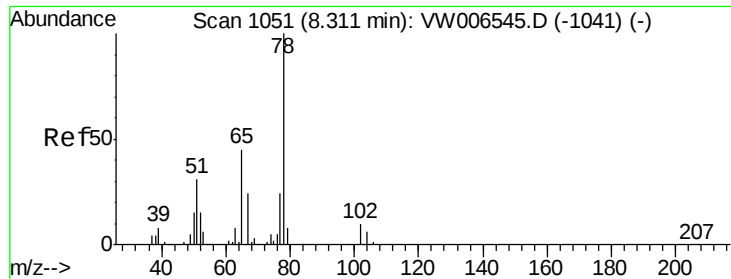
Ion Ratio Lower Upper

56 100

69 180.8 29.0 43.4#

84 149.3 77.8 116.6#

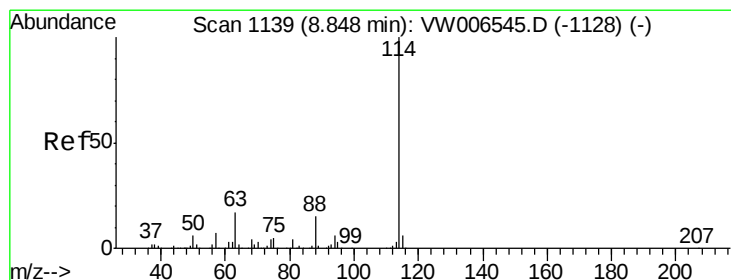
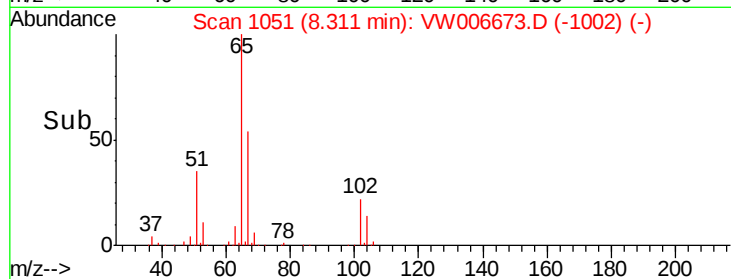
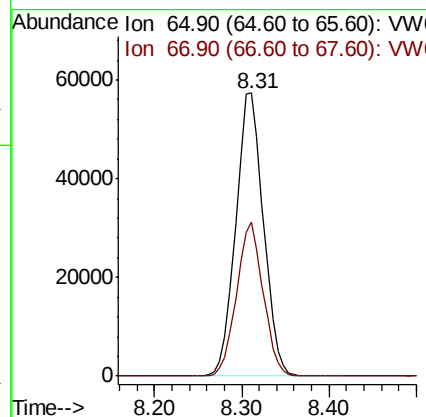
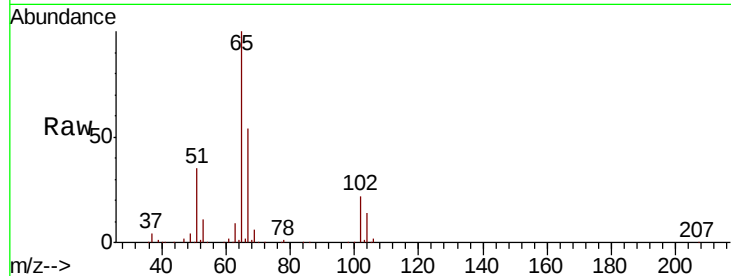




#33
 1,2-Dichloroethane-d4
 Concen: 52.636 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006673.D
 Acq: 06 Nov 2018 08:56

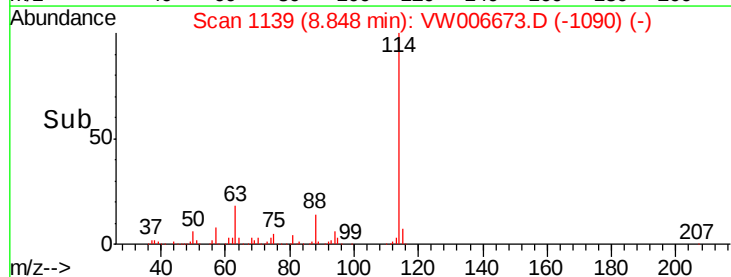
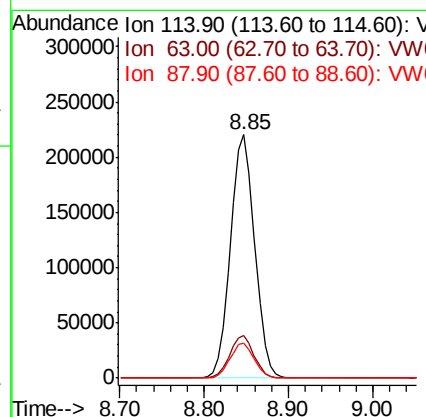
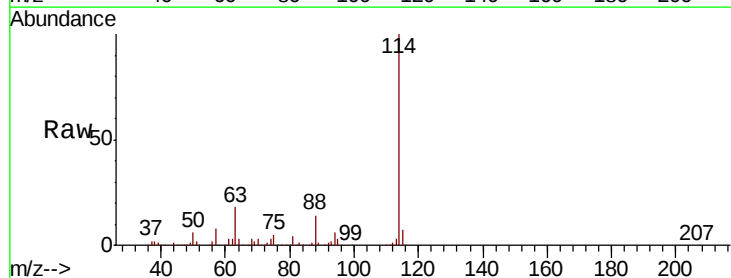
Instrument :
 MSVOA_W
 ClientSampleId :

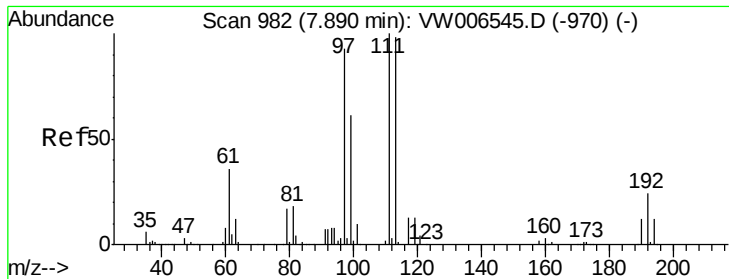
Tot Ion: 65 Resp: 126340
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006673.D
 Acq: 06 Nov 2018 08:56

Tgt Ion: 114 Resp: 431687
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.206 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

Instrument :
MSVOA_W
ClientSampleId :

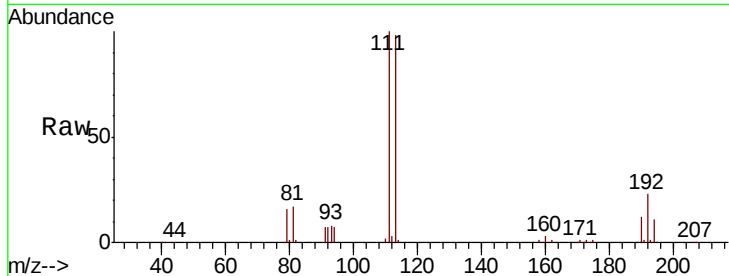
Tot Ion:113 Resp: 130598

Ion Ratio Lower Upper

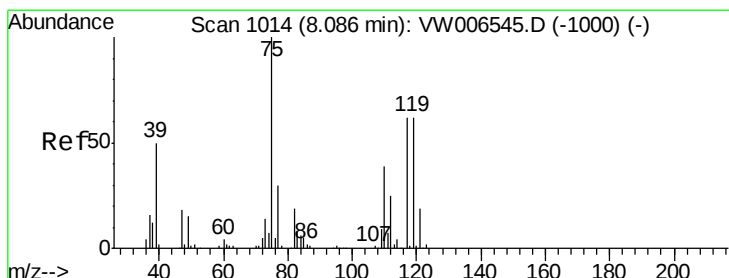
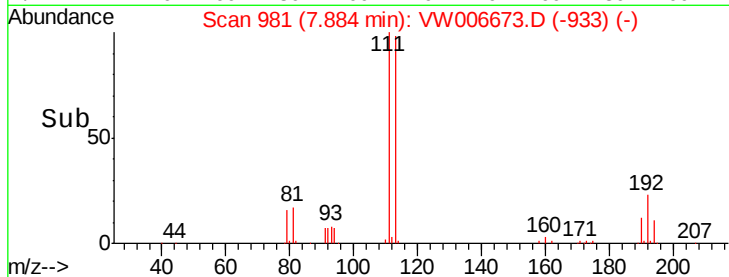
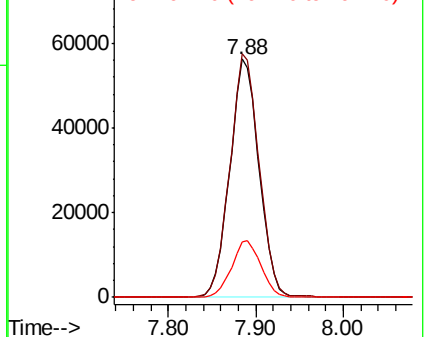
113 100

111 102.1 82.2 123.2

192 23.8 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: 4.494 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

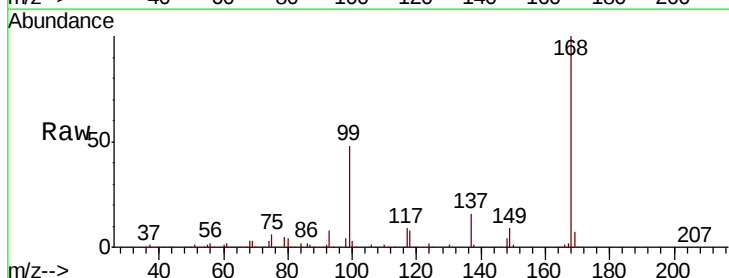
Tgt Ion: 75 Resp: 17060

Ion Ratio Lower Upper

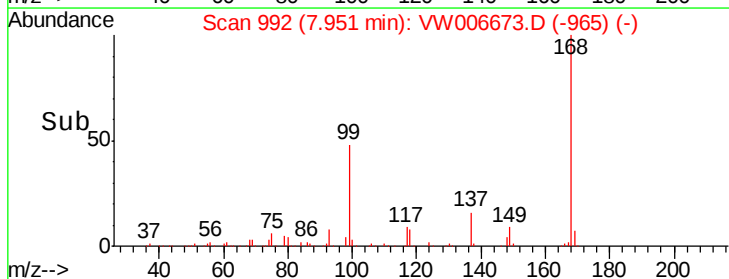
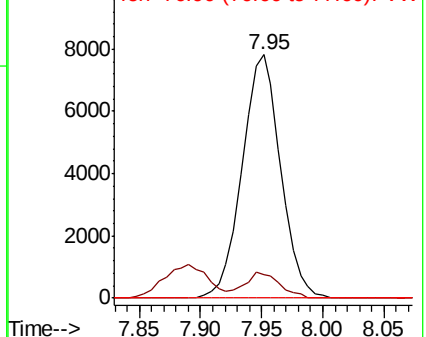
75 100

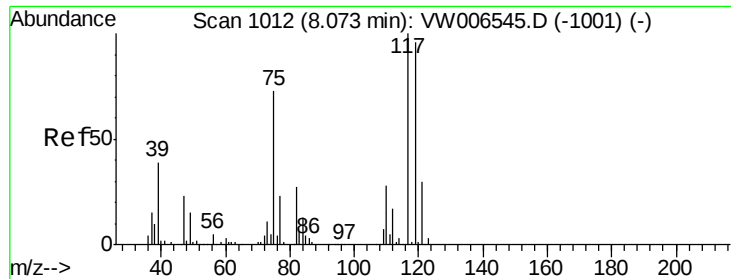
110 9.6 19.5 58.5#

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

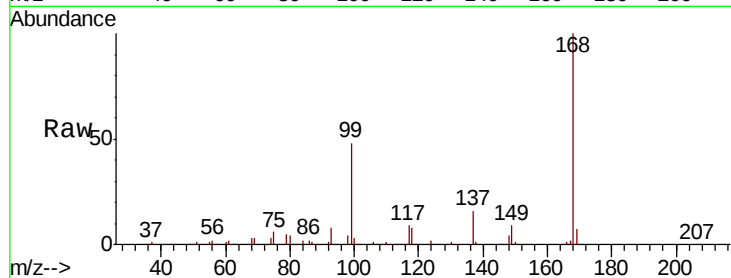




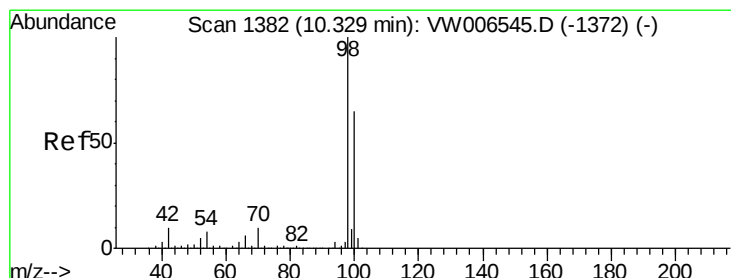
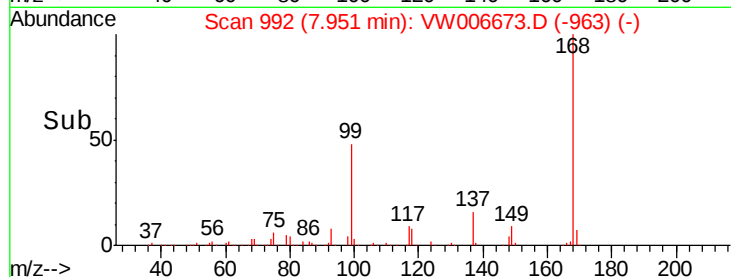
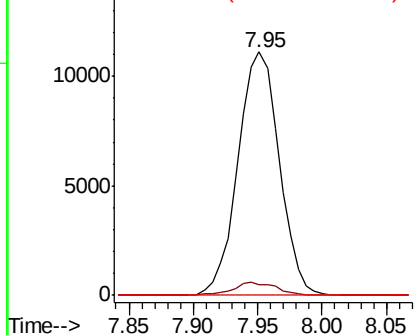
#38
Carbon Tetrachloride
Concen: 6.216 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006673.D
Acq: 06 Nov 2018 08:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 24659
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 24.1 36.1#

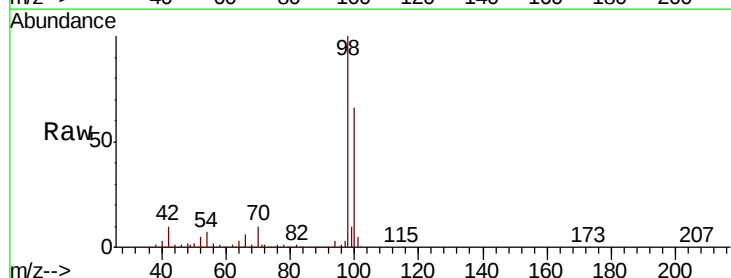


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

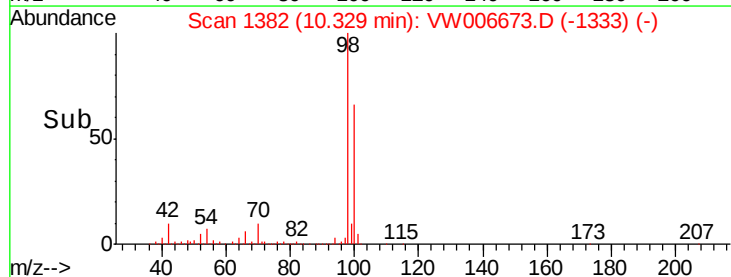
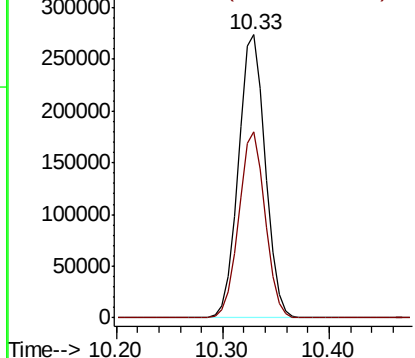


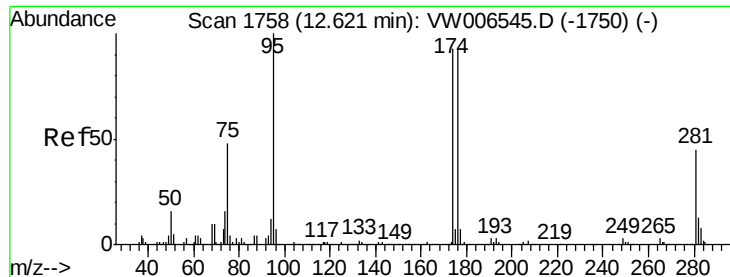
#50
Toluene-d8
Concen: 46.999 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006673.D
Acq: 06 Nov 2018 08:56

Tgt Ion: 98 Resp: 484715
Ion Ratio Lower Upper
98 100
100 64.5 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: 43.917 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

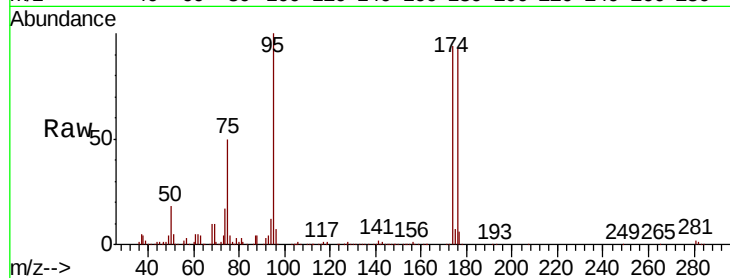
Tot Ion: 95 Resp: 164205

Ion Ratio Lower Upper

95 100

174 97.3 0.0 192.4

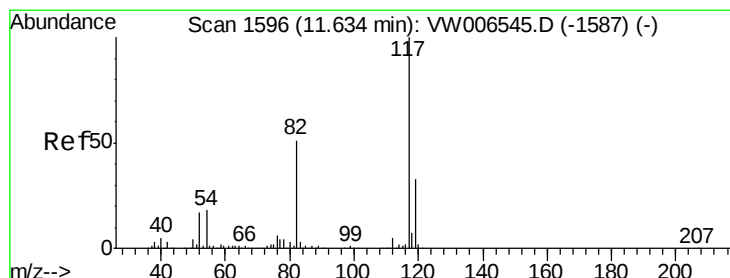
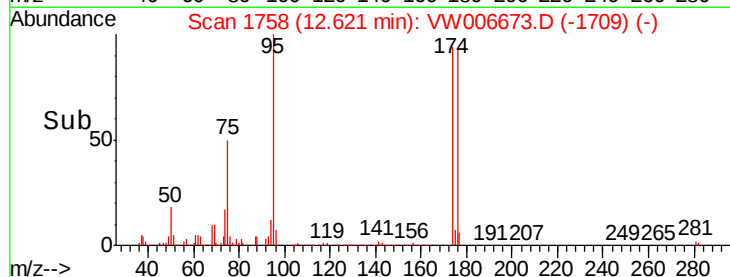
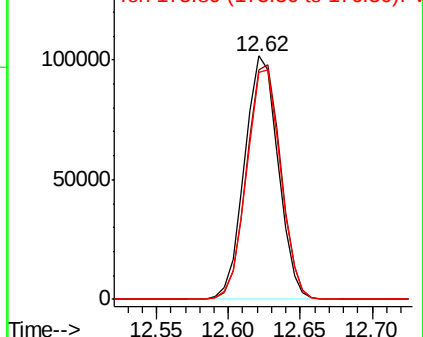
176 95.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

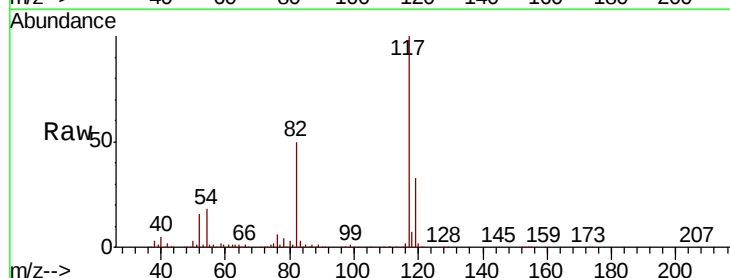
Tgt Ion: 117 Resp: 400439

Ion Ratio Lower Upper

117 100

82 50.2 40.8 61.2

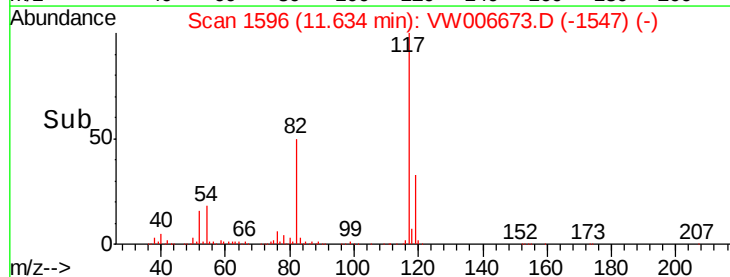
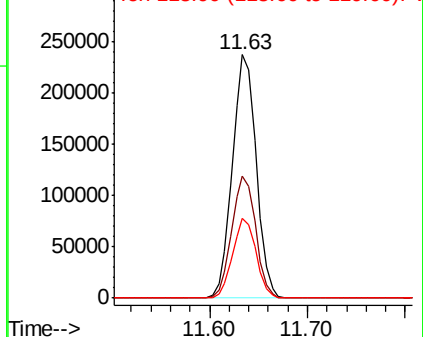
119 32.6 26.1 39.1

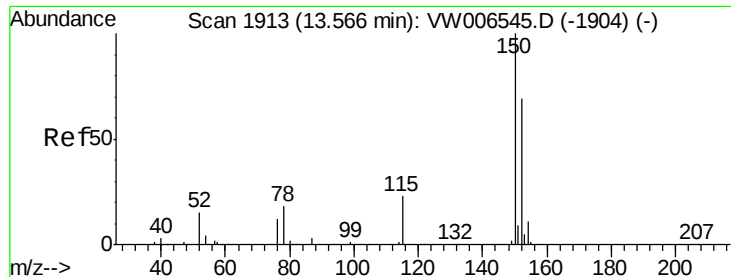


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



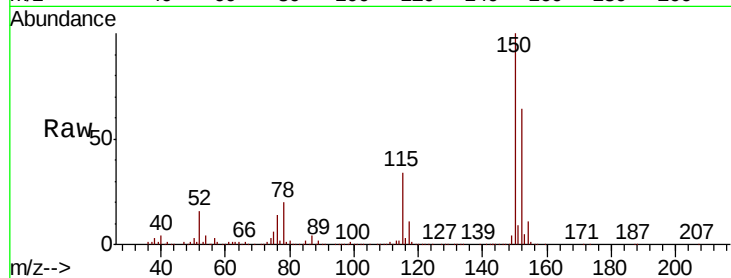


#72

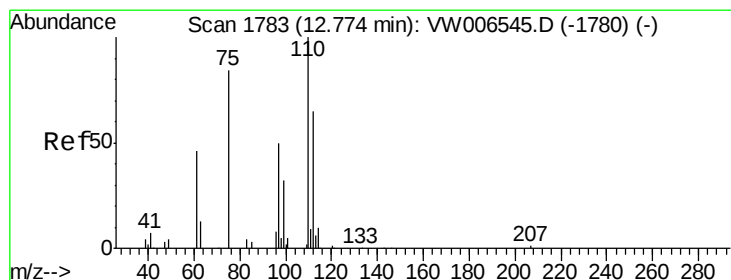
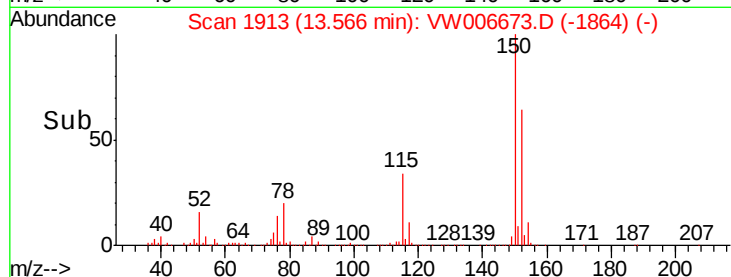
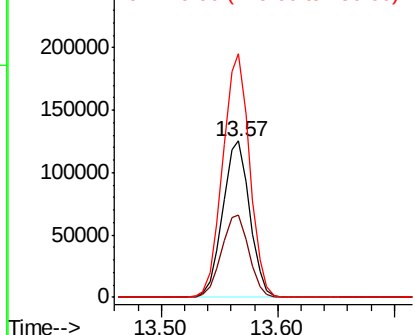
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006673.D
Acq: 06 Nov 2018 08:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.6	79.8
150	155.2	0.0	344.6



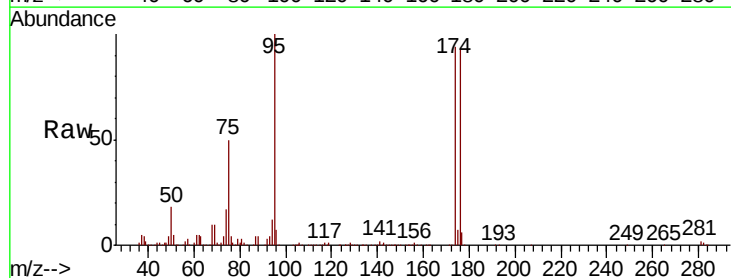
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



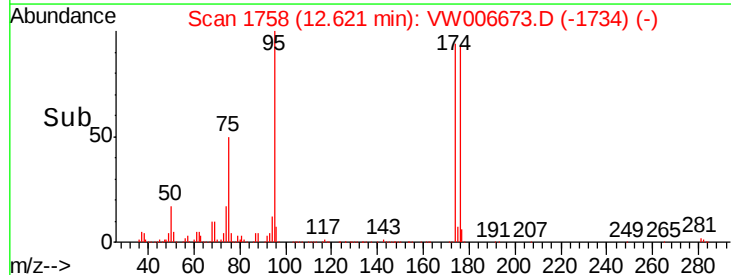
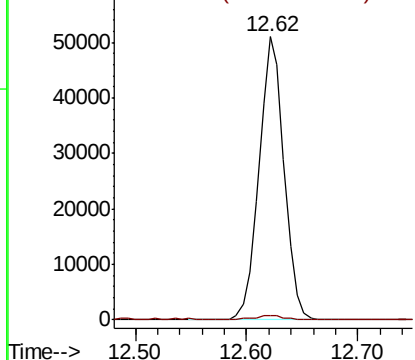
#76

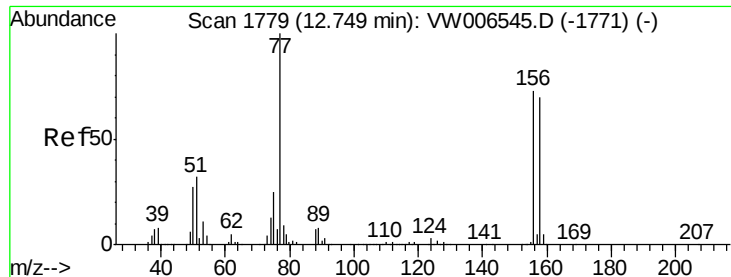
1,2,3-Trichloropropane
Concen: 51.198 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006673.D
Acq: 06 Nov 2018 08:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 12.836 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.21 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

Instrument :

MSVOA_W

ClientSampleId :

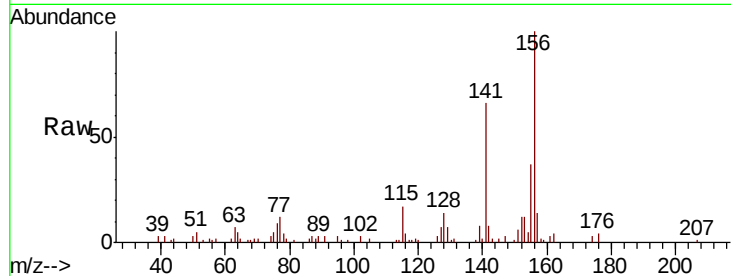
Tot Ion:156 Resp: 43833

Ion Ratio Lower Upper

156 100

77 0.0 75.9 227.8#

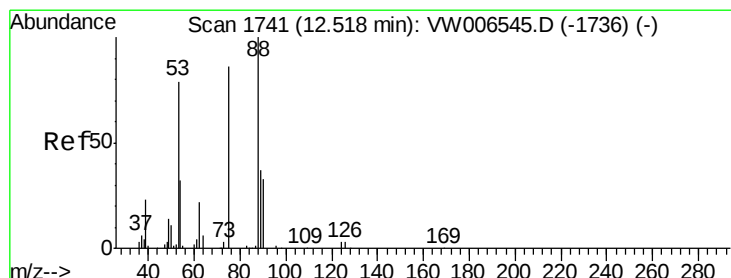
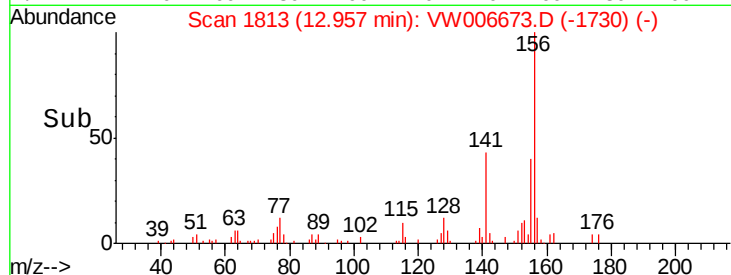
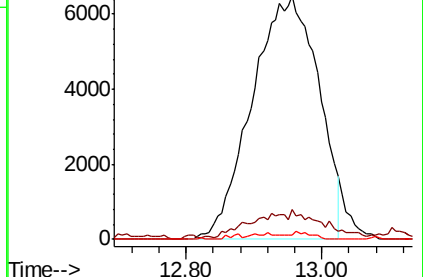
158 0.9 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 128.193 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006673.D

Acq: 06 Nov 2018 08:56

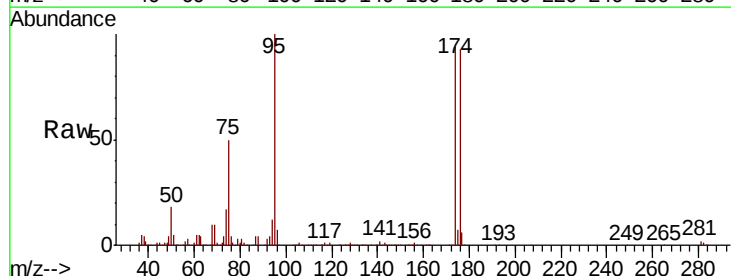
Tgt Ion: 75 Resp: 79980

Ion Ratio Lower Upper

75 100

53 0.2 77.2 115.8#

89 0.1 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

