

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006670.D
 Acq On : 06 Nov 2018 07:38
 Operator : SY/AP
 Sample : J5778-03
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 08:40:04 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

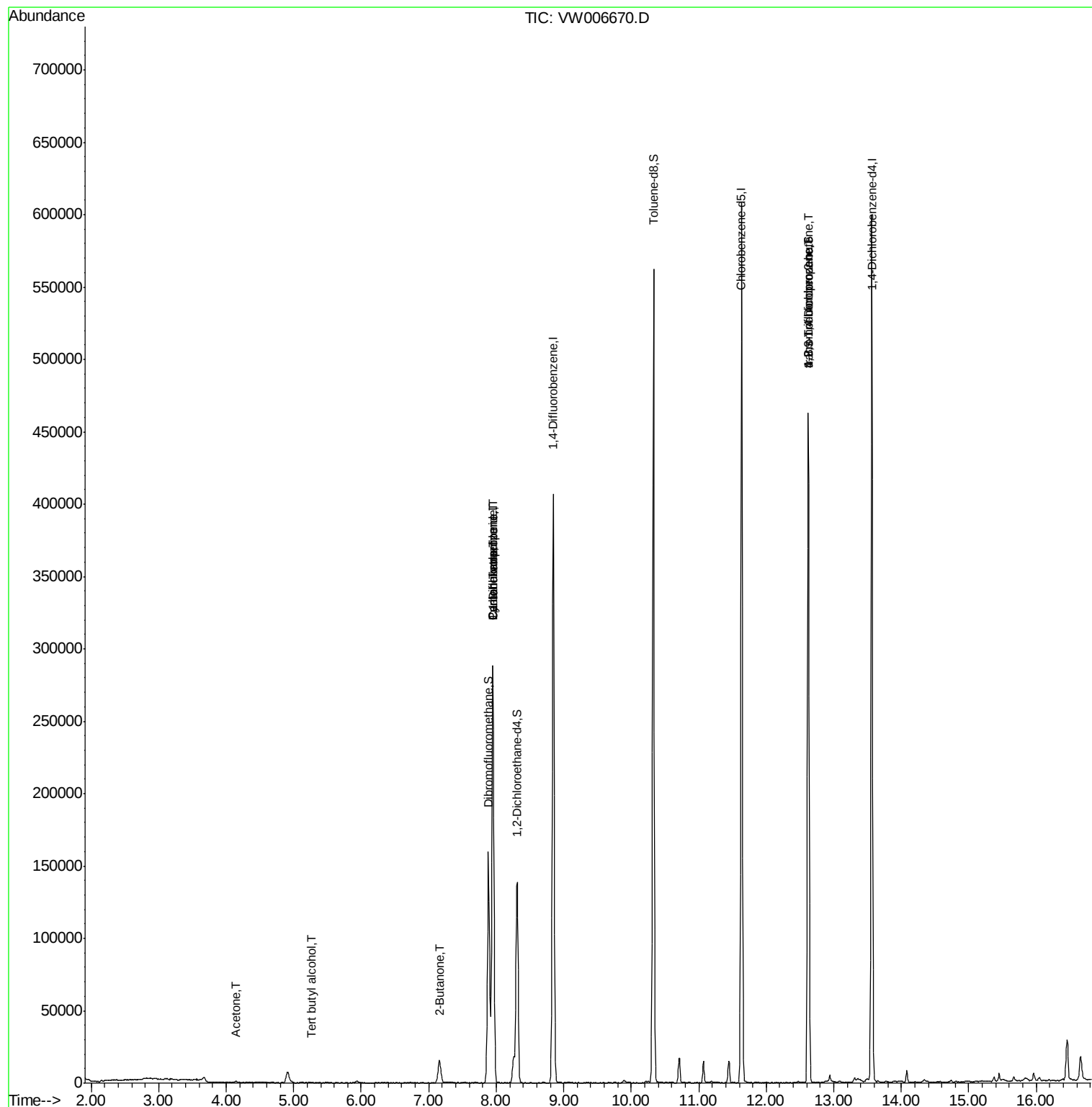
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111124	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.88	113	110333	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.33	98	390945	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	12.62	95	136796	42.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	144	1.305	ug/l #	84
16) Acetone	4.15	43	1629	4.926	ug/l #	85
20) Methylene Chloride	4.91	84	6841	Below Cal		92
25) 2-Butanone	7.15	43	904	1.916	ug/l #	46
31) Cyclohexane	7.95	56	3842	1.177	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	14560	4.460	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20627	6.047	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	67316	49.361	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67316	123.689	ug/l #	11

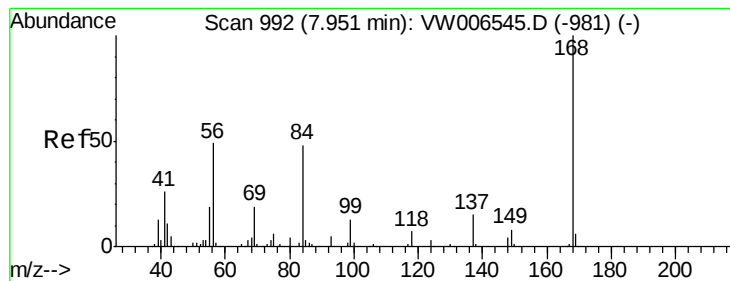
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006670.D
Acq On : 06 Nov 2018 07:38
Operator : SY/AP
Sample : J5778-03
Misc : 5.03G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 06 08:40:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
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: VW006670.D

Acq: 06 Nov 2018 07:38

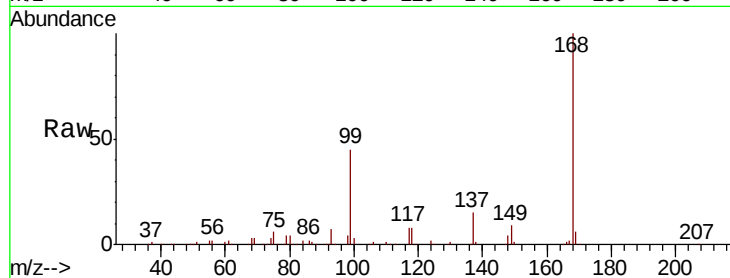
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 238309

Ion Ratio Lower Upper

168 100

99 45.5 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

120000

100000

80000

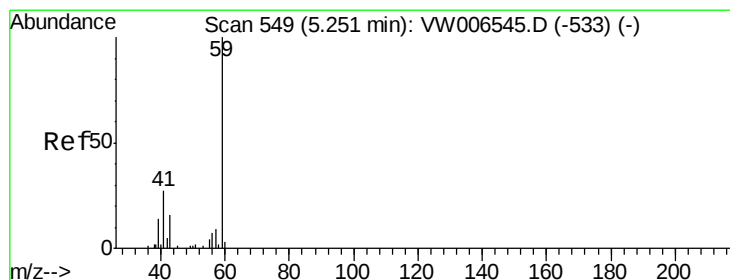
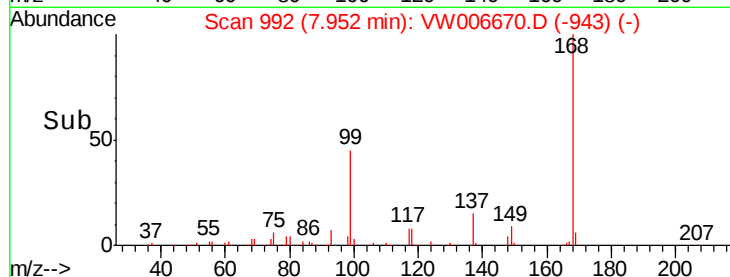
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.305 ug/l

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW006670.D

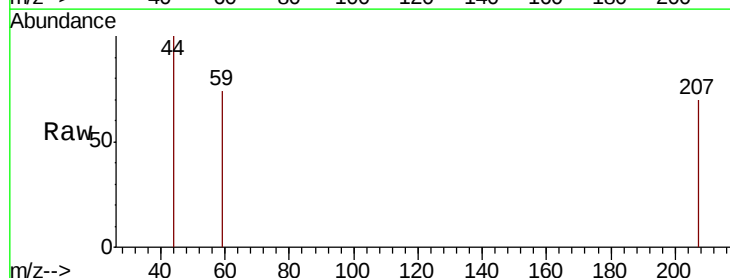
Acq: 06 Nov 2018 07:38

Tgt Ion: 59 Resp: 144

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

100

80

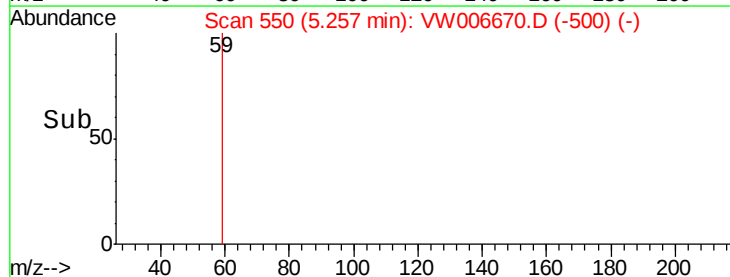
60

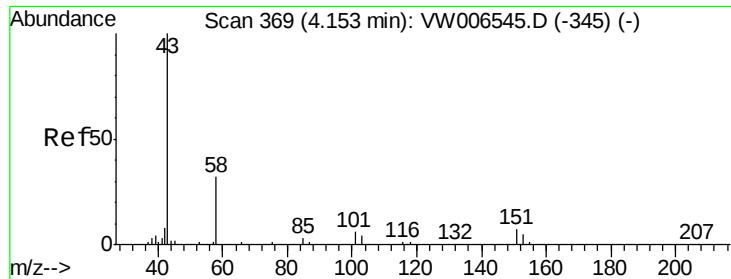
40

20

0

Time-->





#16

Acetone

Concen: 4.926 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

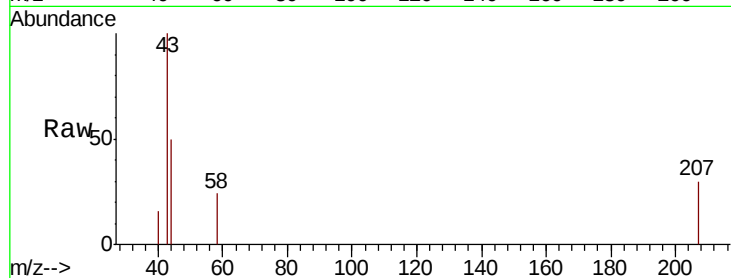
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1629

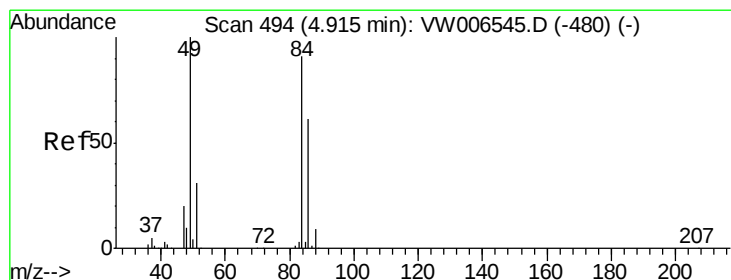
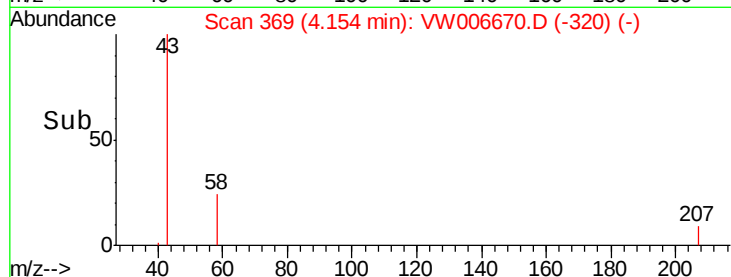
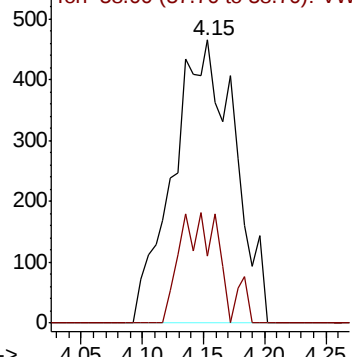
Ion Ratio Lower Upper

43 100

58 23.9 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

Tgt Ion: 84 Resp: 6841

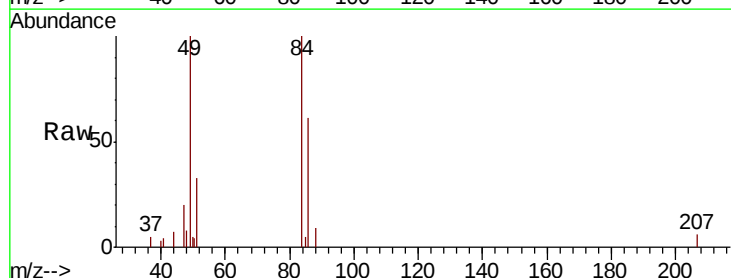
Ion Ratio Lower Upper

84 100

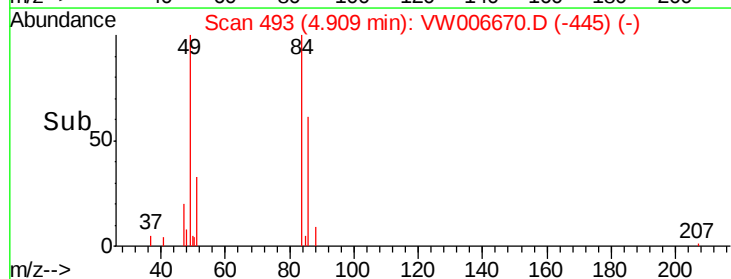
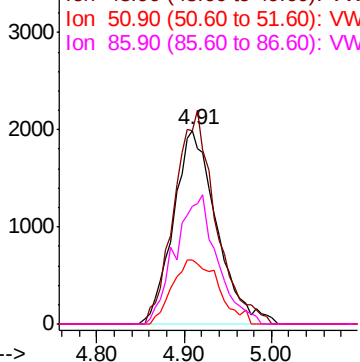
49 99.6 88.2 132.4

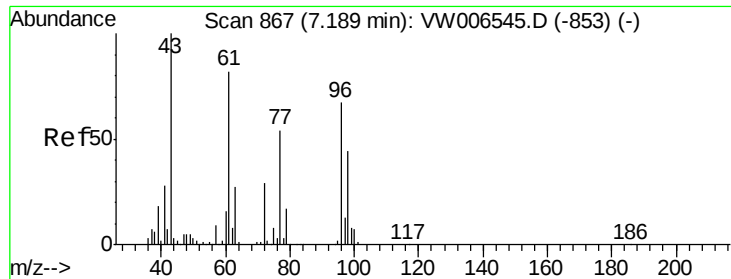
51 33.4 27.0 40.6

86 60.9 53.8 80.8



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 1.916 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

Instrument :

MSVOA_W

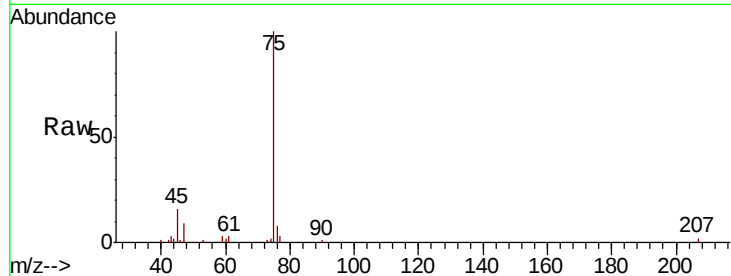
ClientSampleId :

Tot Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

300

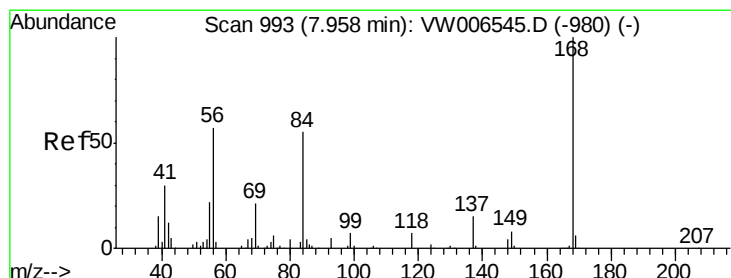
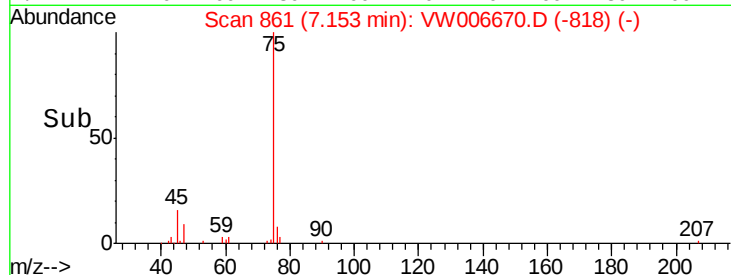
200

100

0

7.10 7.15 7.20 7.25

Time-->



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

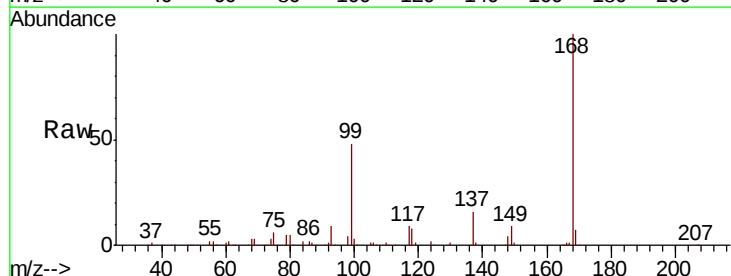
Tgt Ion: 56 Resp: 3842

Ion Ratio Lower Upper

56 100

69 164.1 29.0 43.4#

84 137.9 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

4000

3000

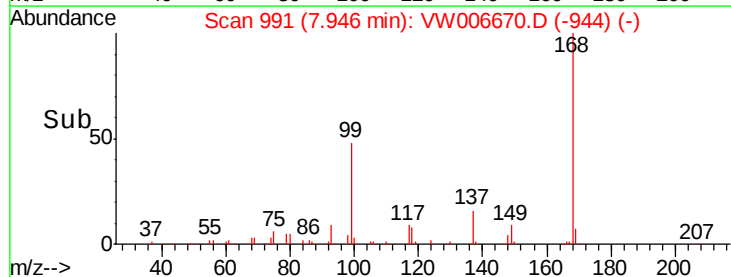
2000

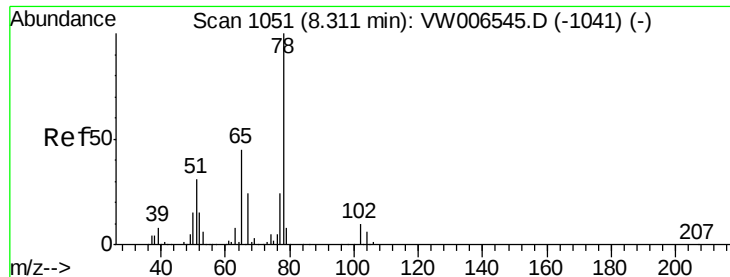
1000

0

7.85 7.90 7.95 8.00

Time-->

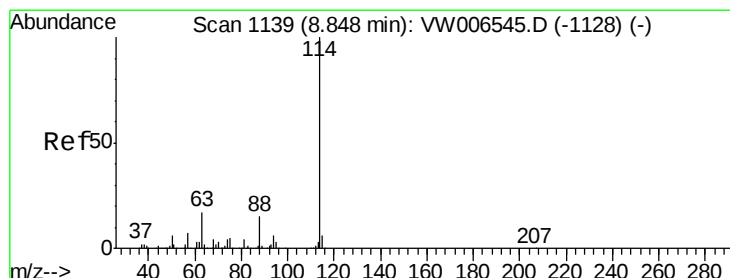
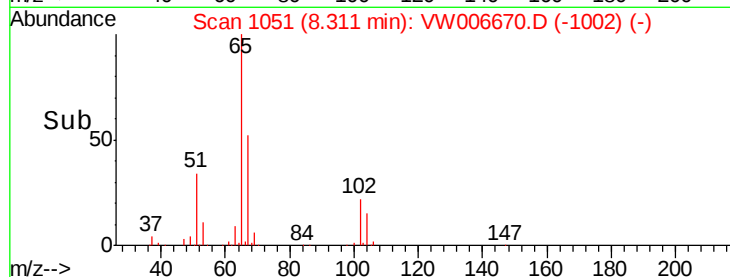
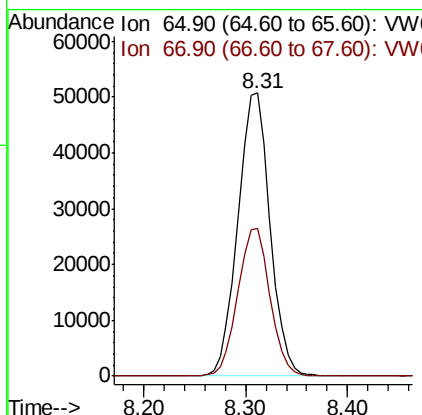
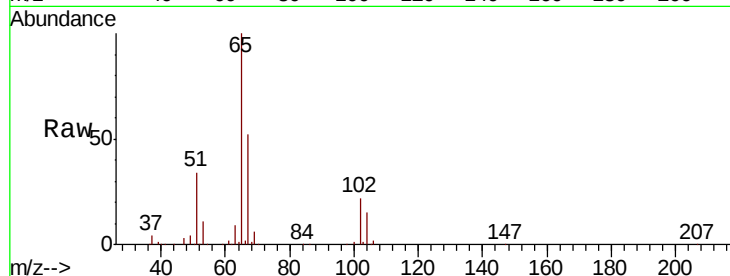




#33
 1,2-Dichloroethane-d4
 Concen: 54.247 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

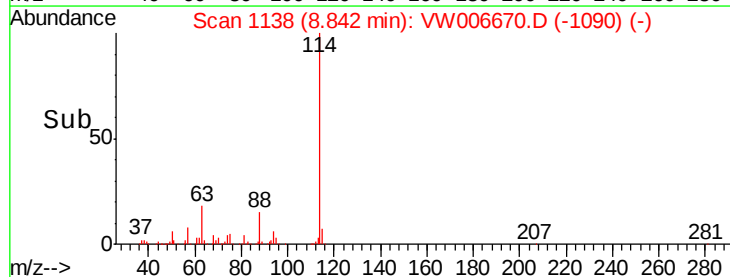
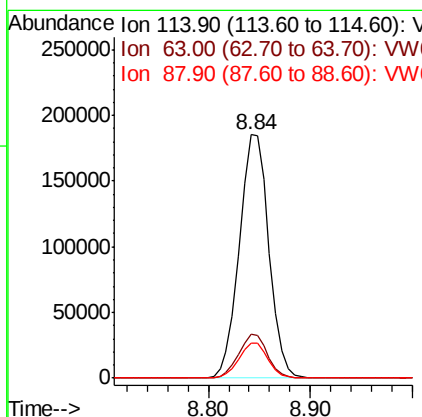
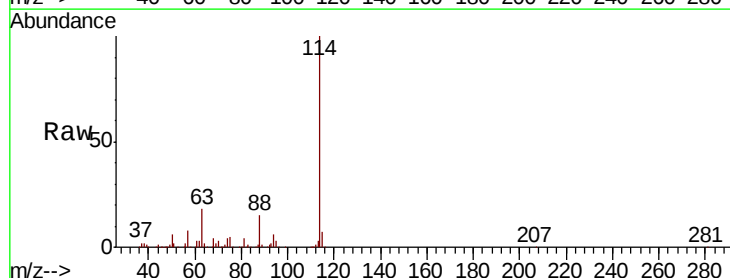
Instrument :
 MSVOA_W
 ClientSampleId :

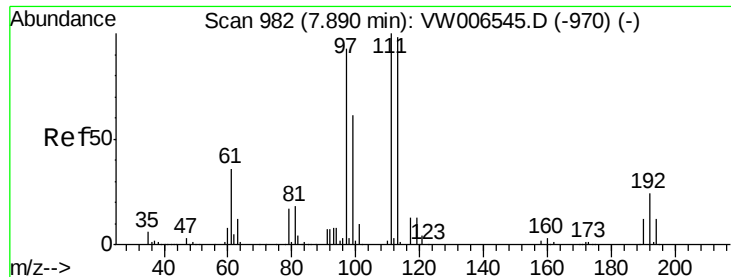
Tot Ion: 65 Resp: 111124
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

Tgt Ion: 114 Resp: 371203
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 14.6 0.0 29.0

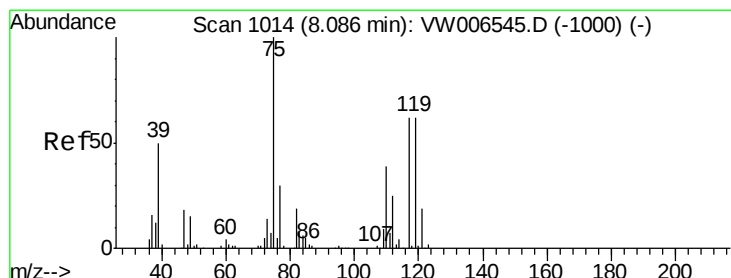
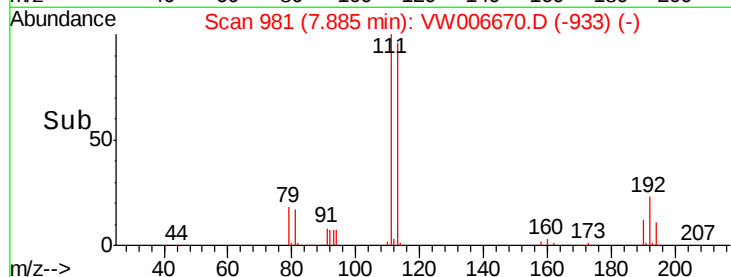
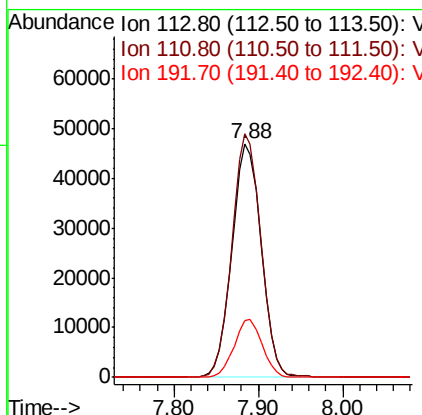
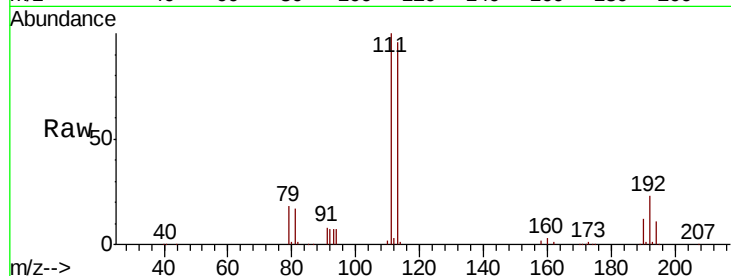




#35
 Dibromofluoromethane
 Concen: 47.361 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

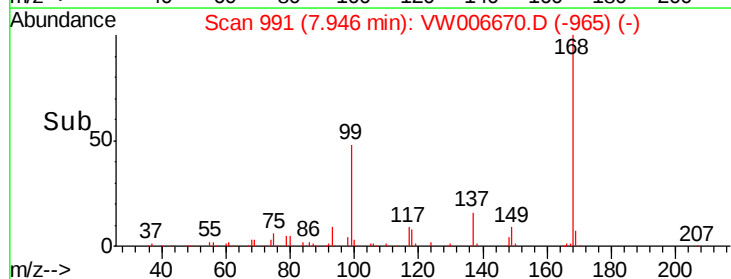
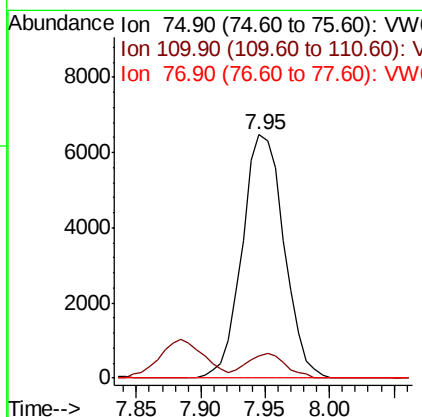
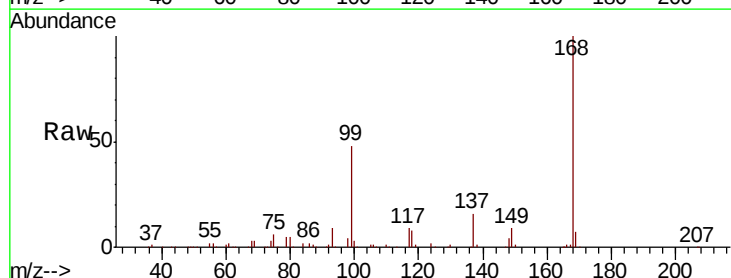
Instrument :
 MSVOA_W
 ClientSampleId :

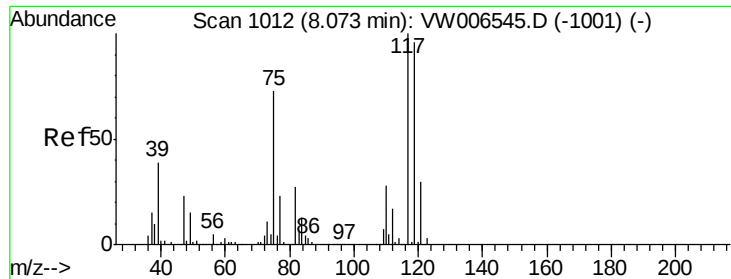
Tot Ion:113 Resp: 110333
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.460 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

Tgt Ion: 75 Resp: 14560
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.047 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

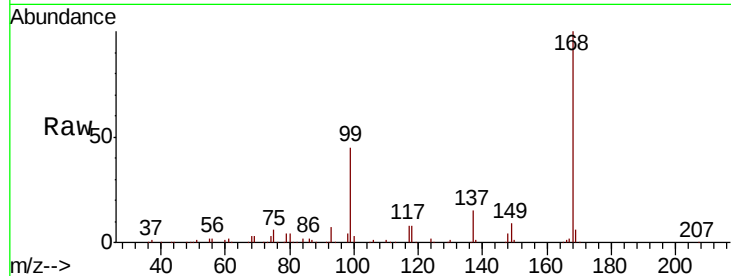
Tot Ion:117 Resp: 20627

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

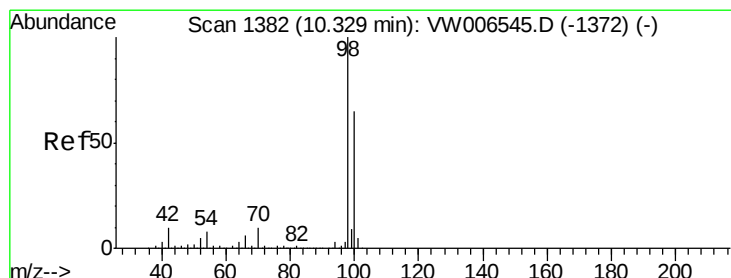
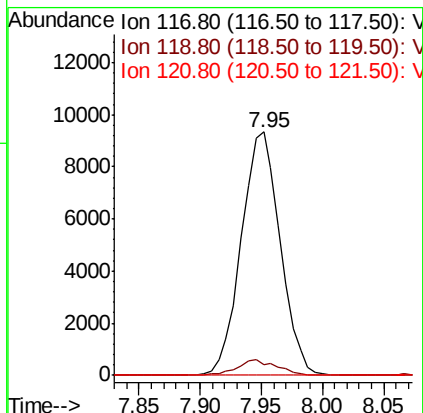
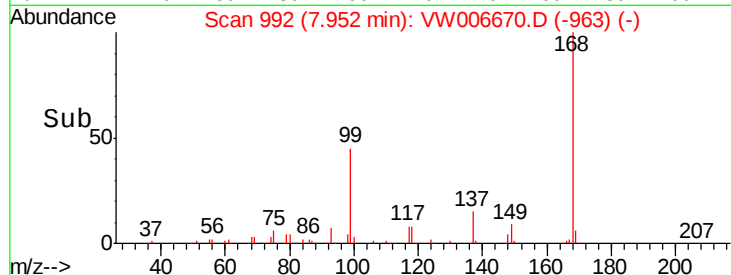
121 0.0 24.1 36.1#



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: 44.083 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006670.D

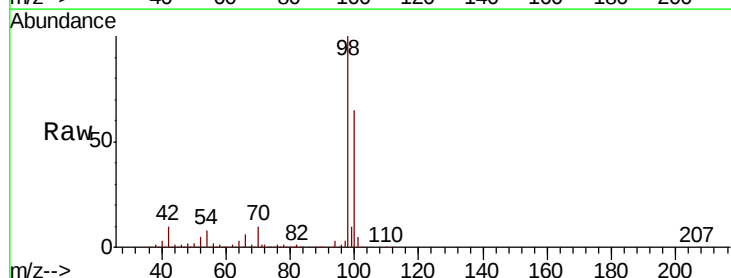
Acq: 06 Nov 2018 07:38

Tgt Ion: 98 Resp: 390945

Ion Ratio Lower Upper

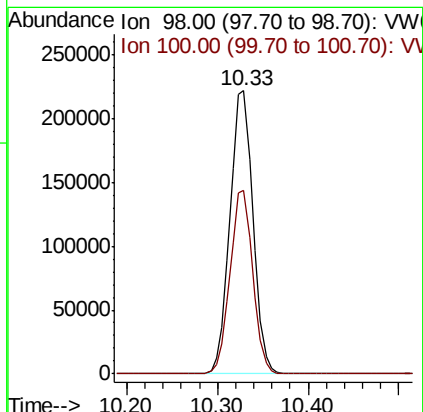
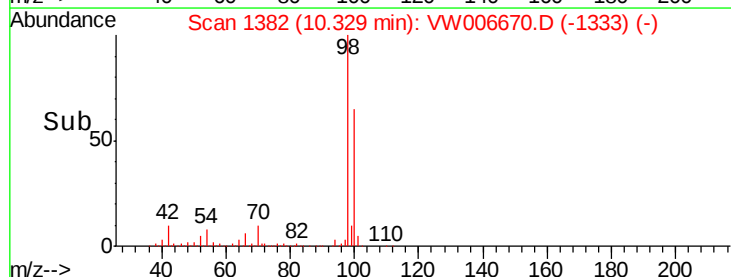
98 100

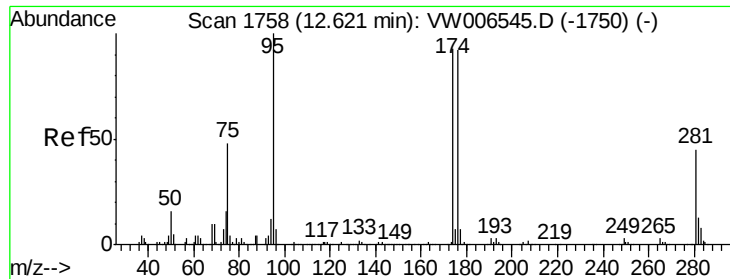
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.548 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006670.D

Acq: 06 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampled :

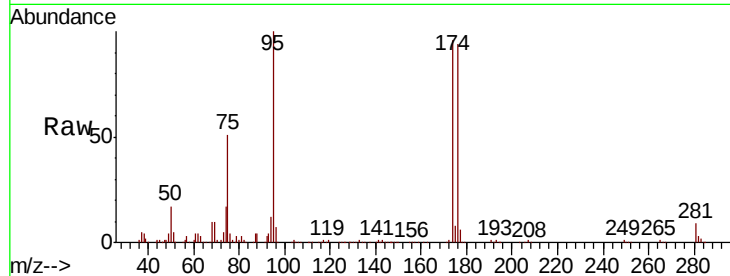
Tot Ion: 95 Resp: 136796

Ion Ratio Lower Upper

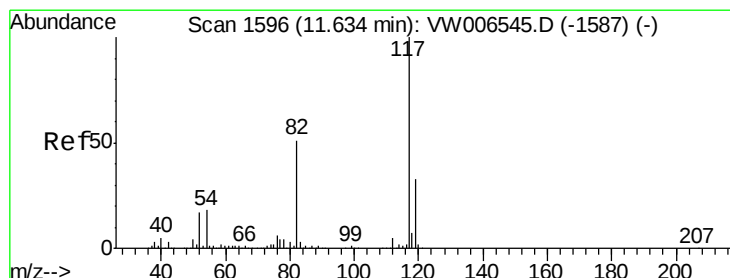
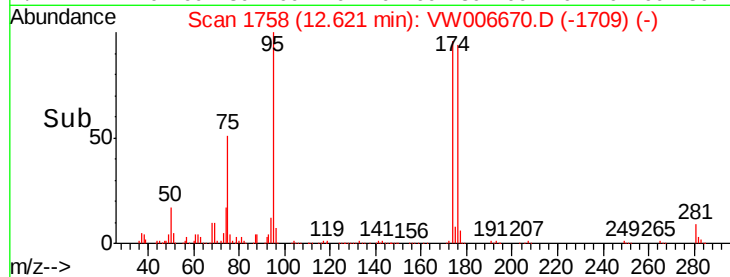
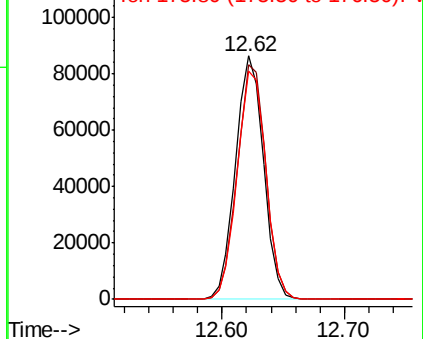
95 100

174 98.0 0.0 192.4

176 96.3 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: VW006670.D

Acq: 06 Nov 2018 07:38

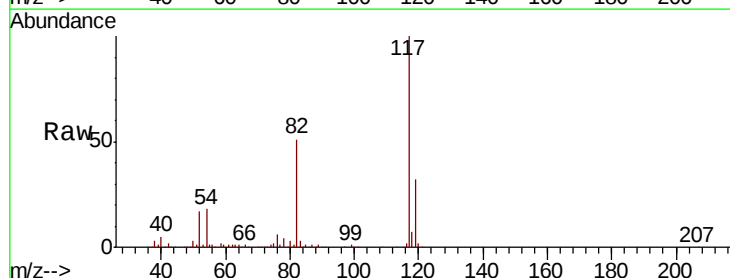
Tgt Ion: 117 Resp: 353461

Ion Ratio Lower Upper

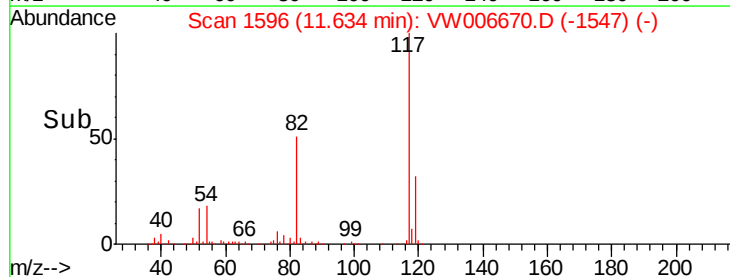
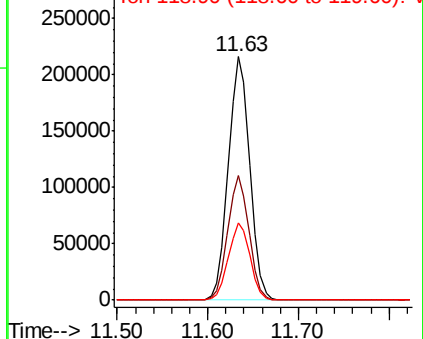
117 100

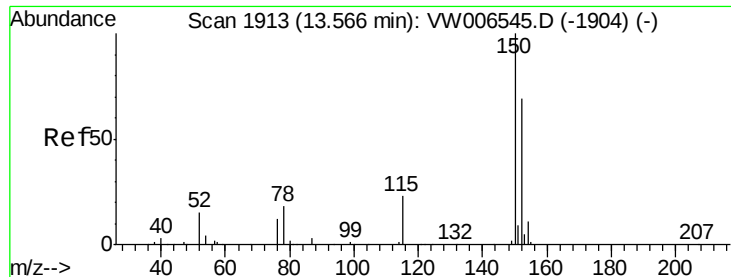
82 51.1 40.8 61.2

119 31.6 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: VW006670.D

Acq: 06 Nov 2018 07:38

Instrument :

MSVOA_W

ClientSampled :

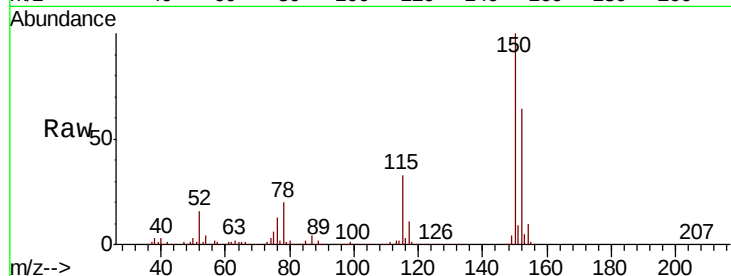
Tot Ion:152 Resp: 174789

Ion Ratio Lower Upper

152 100

115 53.7 26.6 79.8

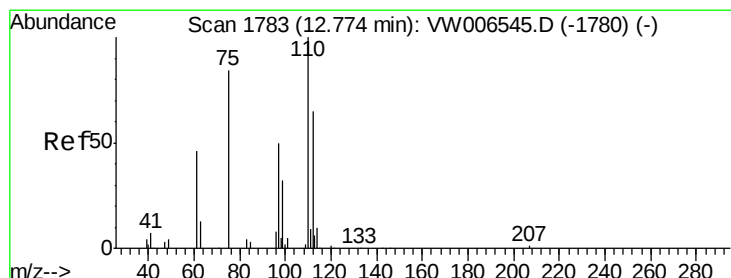
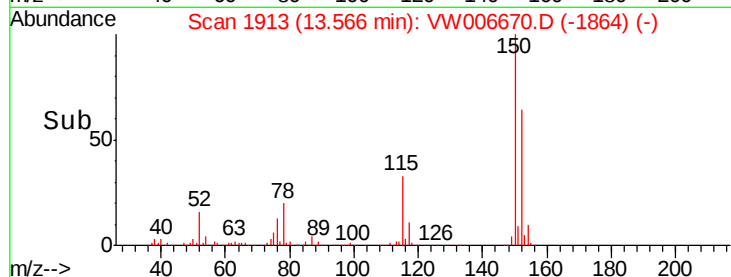
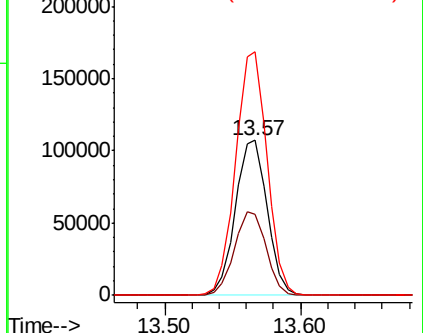
150 155.6 0.0 344.6



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: 49.361 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006670.D

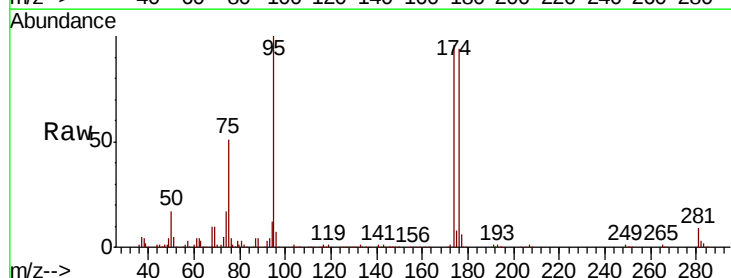
Acq: 06 Nov 2018 07:38

Tgt Ion: 75 Resp: 67316

Ion Ratio Lower Upper

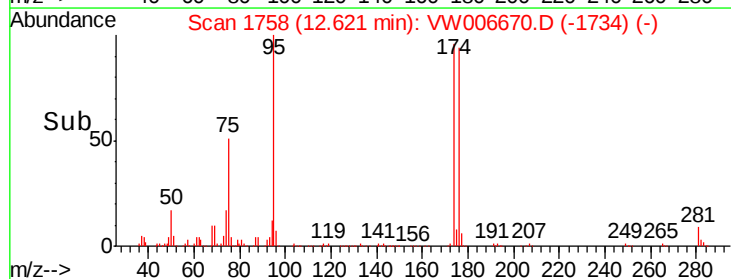
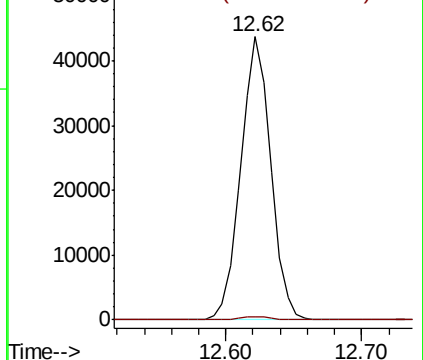
75 100

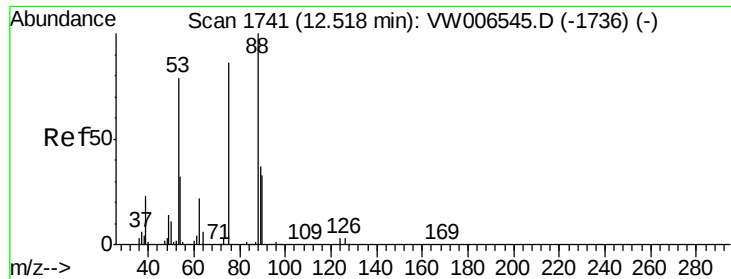
77 1.3 0.0 0.0#



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: 123.689 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006670.D
 Acq: 06 Nov 2018 07:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.2	115.8#
89	0.1	38.6	58.0#

