

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006691.D
 Acq On : 06 Nov 2018 17:25
 Operator : SY/AP
 Sample : J5769-12
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-2

Quant Time: Nov 07 11:28:05 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	276797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	132200	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	114289	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
35) Dibromofluoromethane	7.88	113	121452	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
50) Toluene-d8	10.33	98	416338	42.40	ug/l	0.00
Spiked Amount			Recovery	=	84.80%	
62) 4-Bromofluorobenzene	12.62	95	119964	33.70	ug/l	0.00
Spiked Amount			Recovery	=	67.40%	

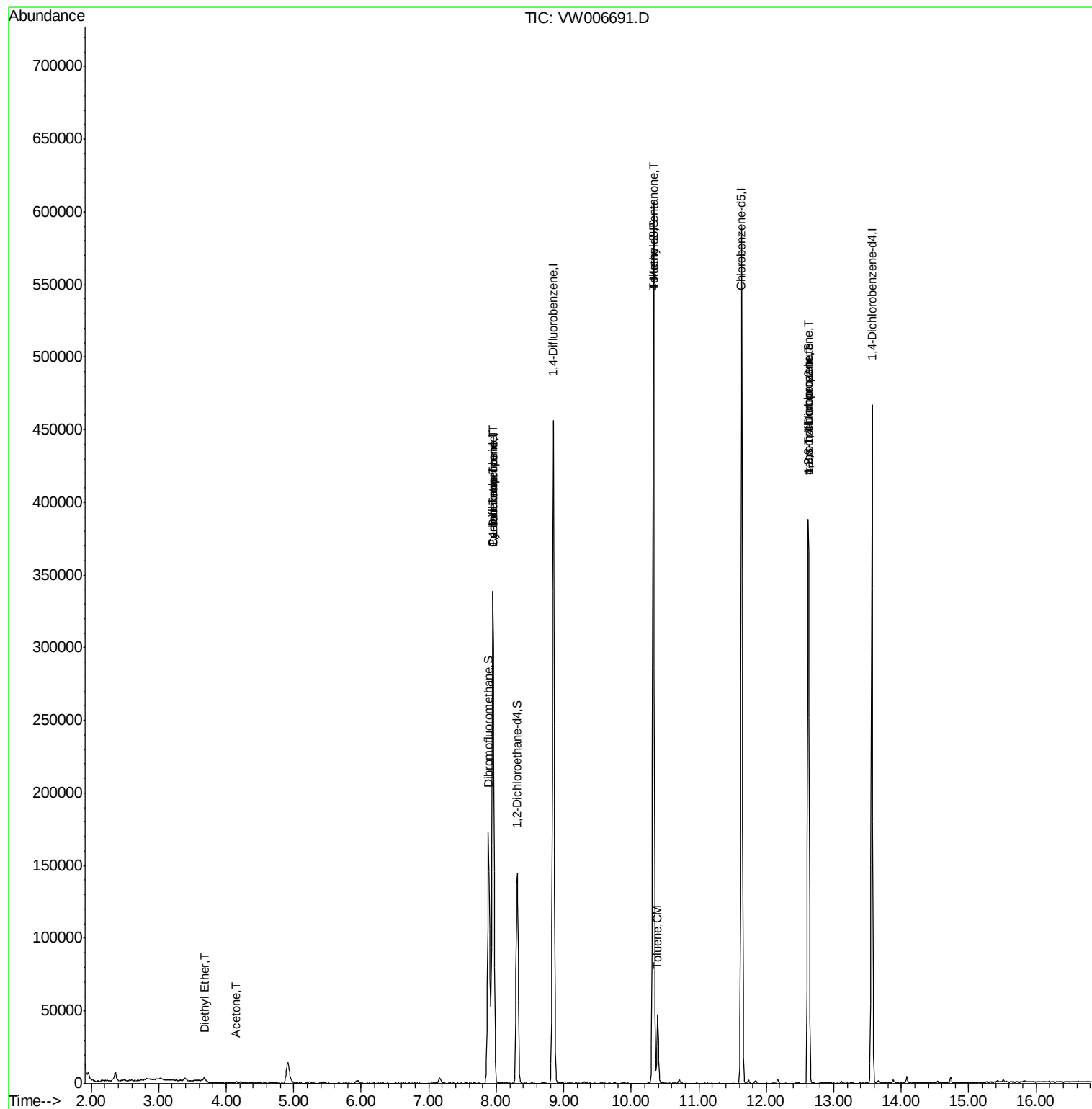
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1315	1.099	ug/l #	1
16) Acetone	4.15	43	1820	4.738	ug/l #	84
20) Methylene Chloride	4.92	84	13037	Below Cal	#	84
31) Cyclohexane	7.95	56	4727	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17468	4.833	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24252	6.422	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1555	1.211	ug/l #	1
52) Toluene	10.39	92	20654	3.000	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	59156	57.352	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59156	143.281	ug/l #	11

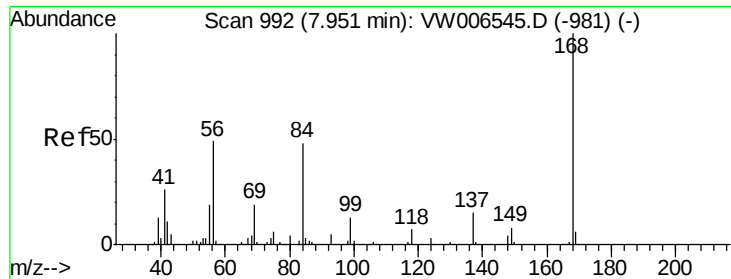
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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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: VW006691.D

Acq: 06 Nov 2018 17:25

Instrument :

MSVOA_W

ClientSampleId :

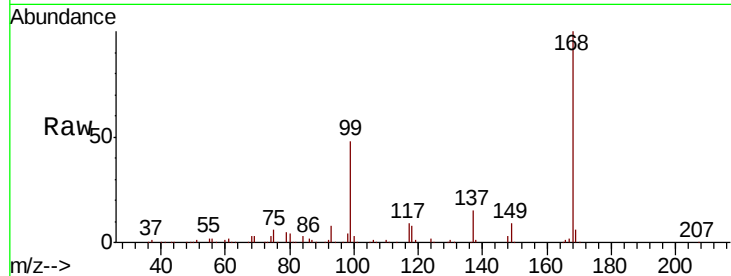
FLOOD-AREA-2

Tot Ion:168 Resp: 276797

Ion Ratio Lower Upper

168 100

99 47.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

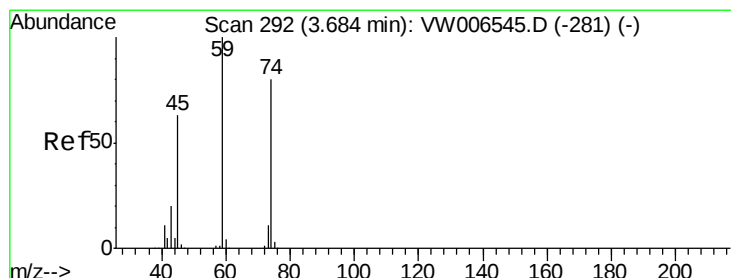
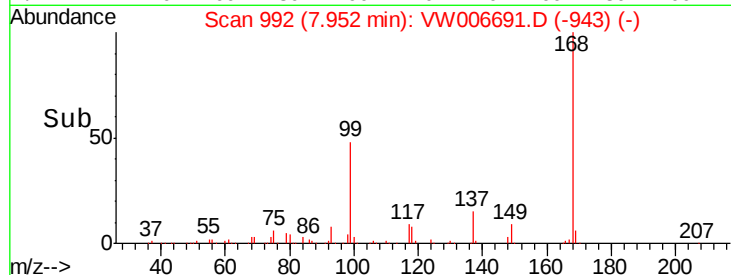
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.099 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006691.D

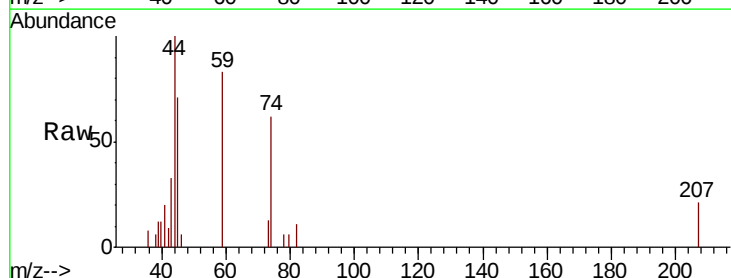
Acq: 06 Nov 2018 17:25

Tgt Ion: 74 Resp: 1315

Ion Ratio Lower Upper

74 100

45 173.0 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

800

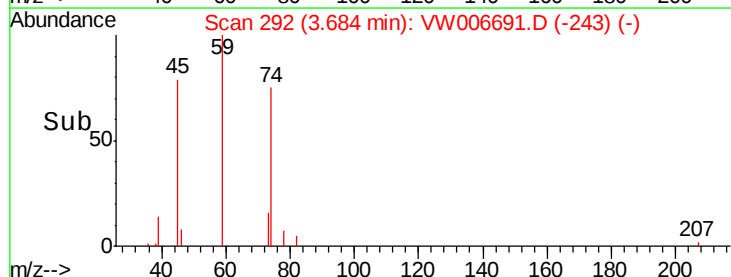
600

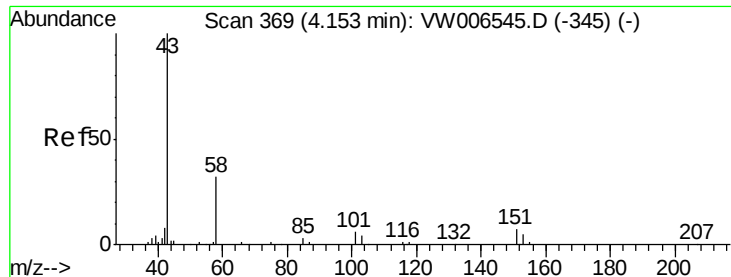
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200

0

Time-->

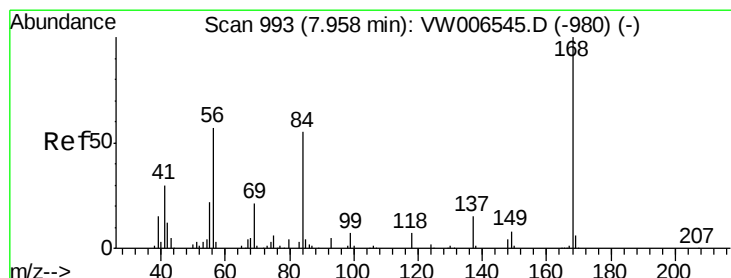
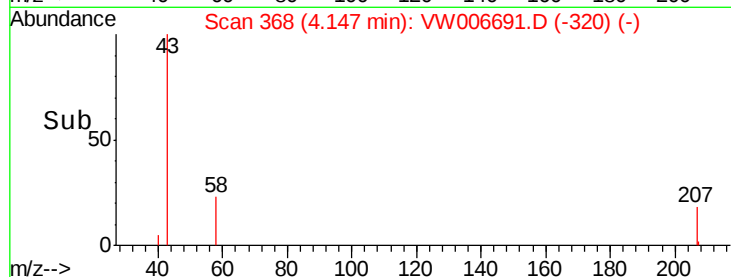
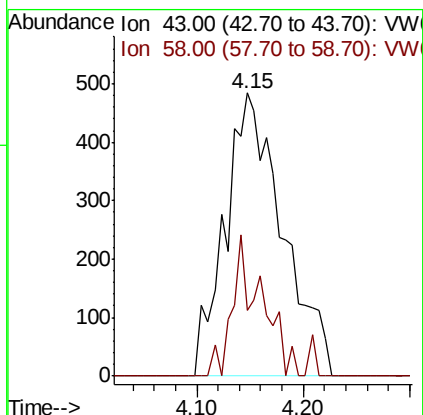
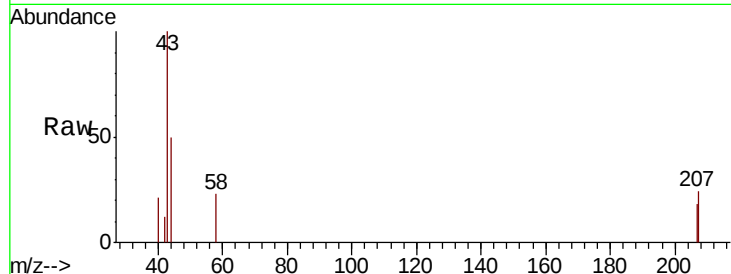




#16
Acetone
Concen: 4.738 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006691.D
Acq: 06 Nov 2018 17:25

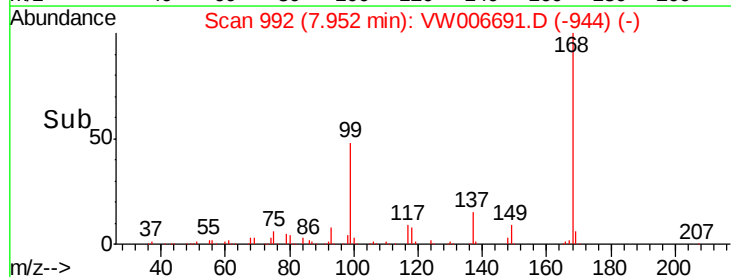
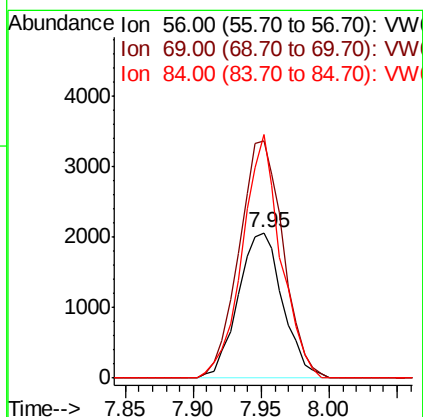
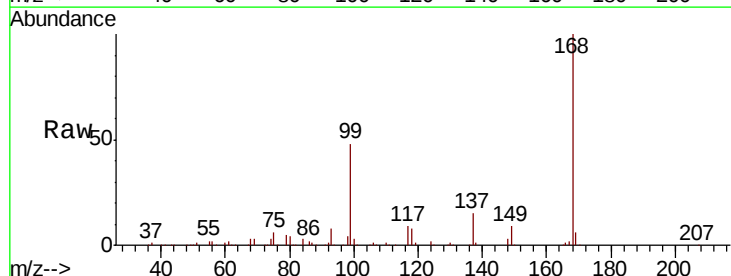
Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-2

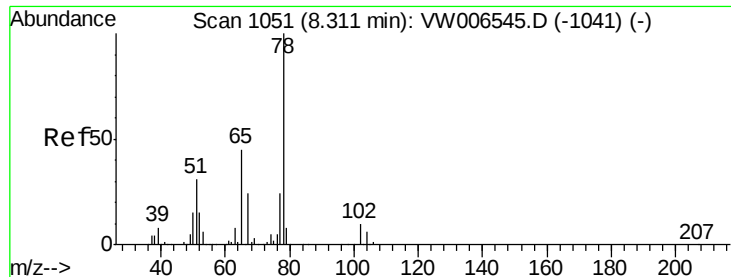
Tot Ion: 43 Resp: 1820
Ion Ratio Lower Upper
43 100
58 23.1 25.8 38.8#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006691.D
Acq: 06 Nov 2018 17:25

Tgt Ion: 56 Resp: 4727
Ion Ratio Lower Upper
56 100
69 163.1 29.0 43.4#
84 167.8 77.8 116.6#

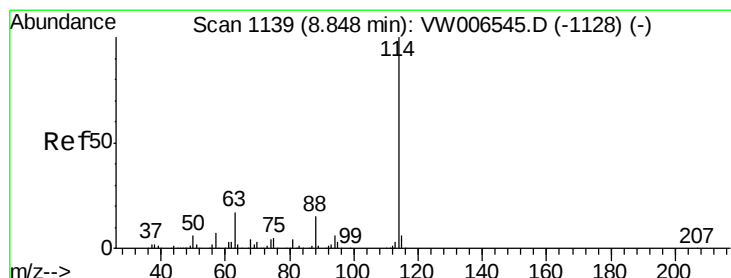
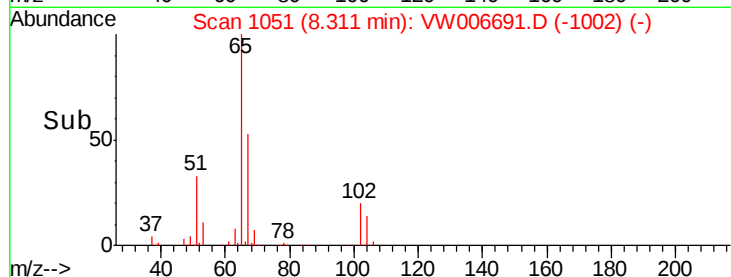
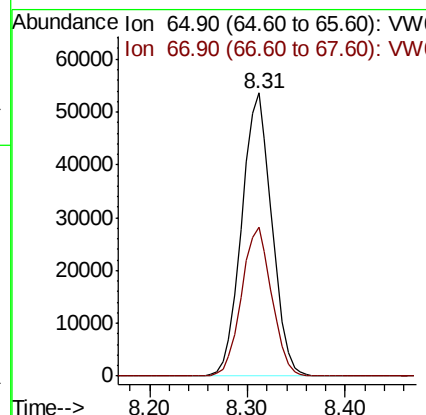
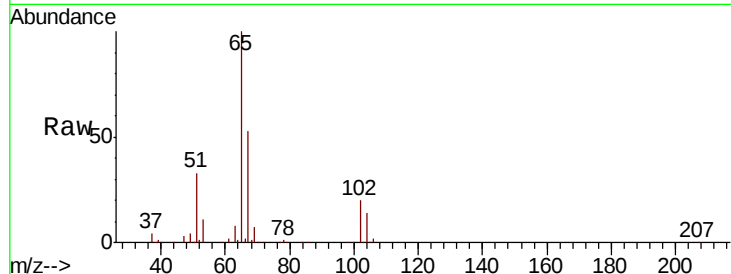




#33
 1,2-Dichloroethane-d4
 Concen: 48.034 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006691.D
 Acq: 06 Nov 2018 17:25

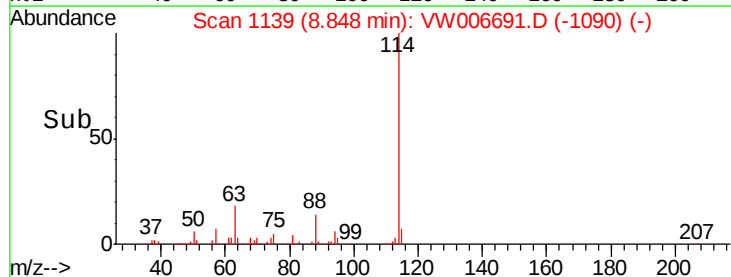
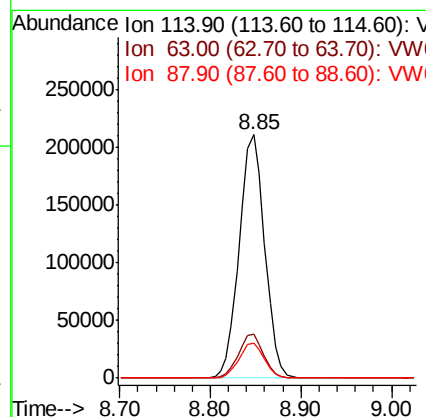
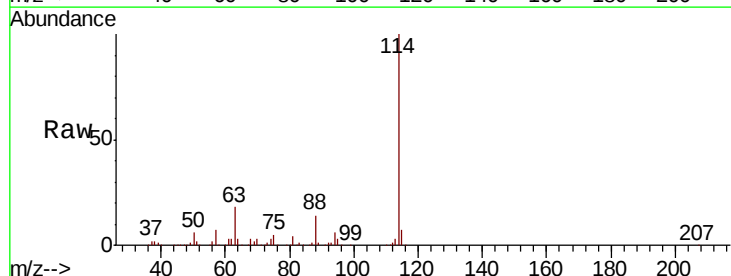
Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-2

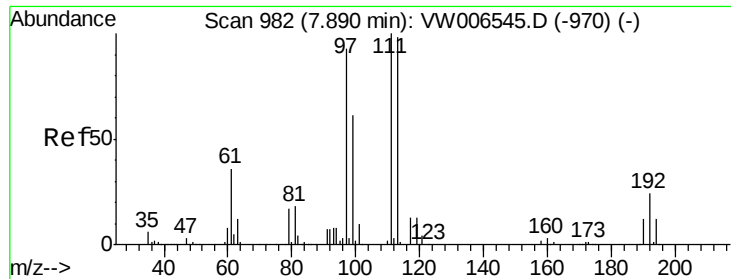
Tot Ion: 65 Resp: 114289
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006691.D
 Acq: 06 Nov 2018 17:25

Tgt Ion: 114 Resp: 410982
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 14.1 0.0 29.0

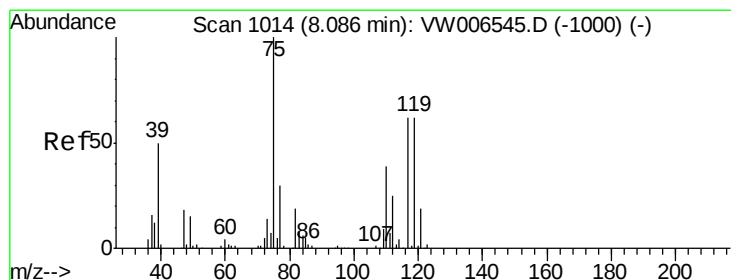
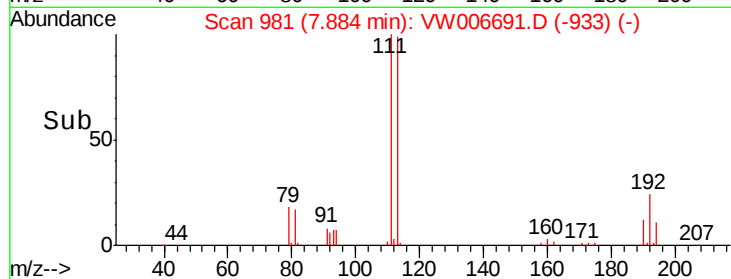
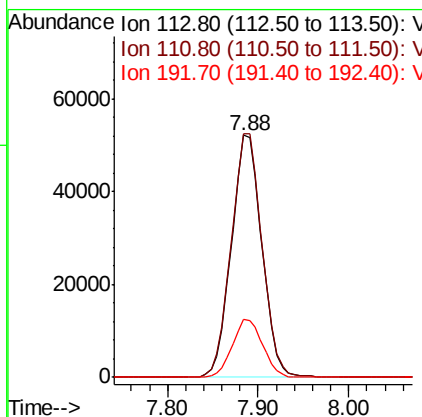
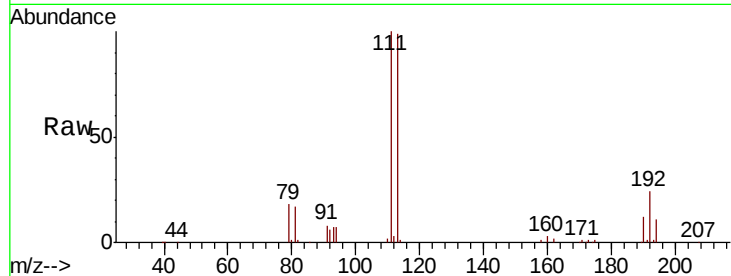




#35
 Dibromofluoromethane
 Concen: 47.088 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006691.D
 Acq: 06 Nov 2018 17:25

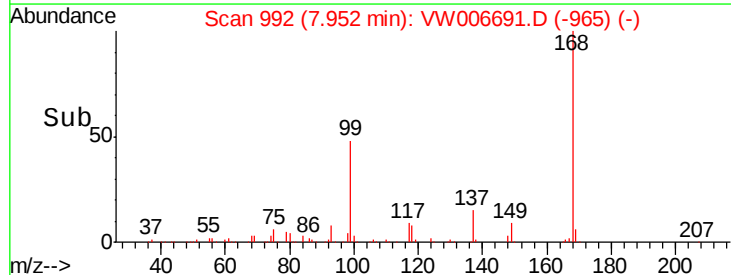
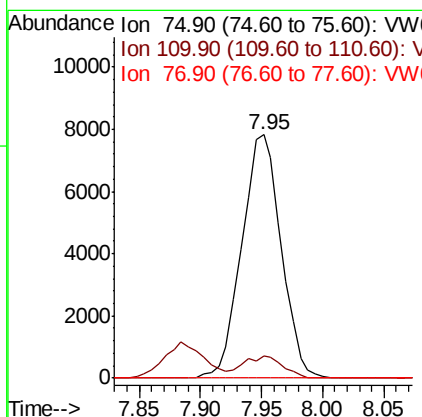
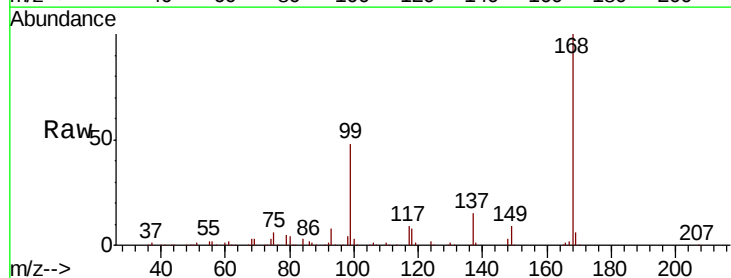
Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-2

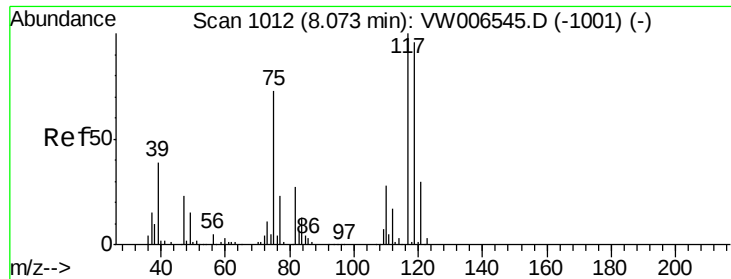
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	23.8	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 4.833 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006691.D
 Acq: 06 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.5	58.5#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.422 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006691.D

Acq: 06 Nov 2018 17:25

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-2

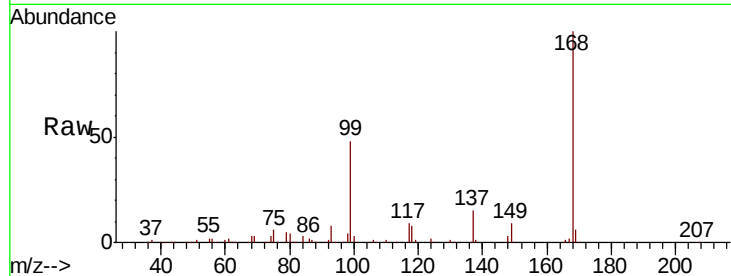
Tot Ion:117 Resp: 24252

Ion Ratio Lower Upper

117 100

119 6.6 76.3 114.5#

121 0.0 24.1 36.1#

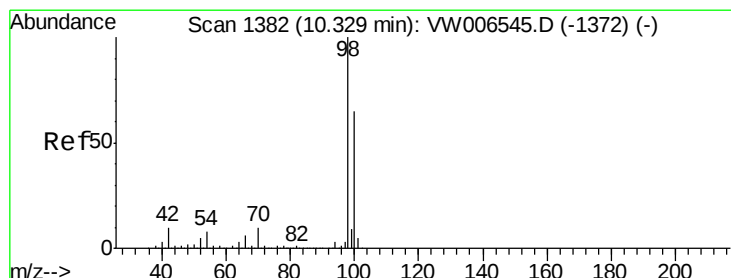
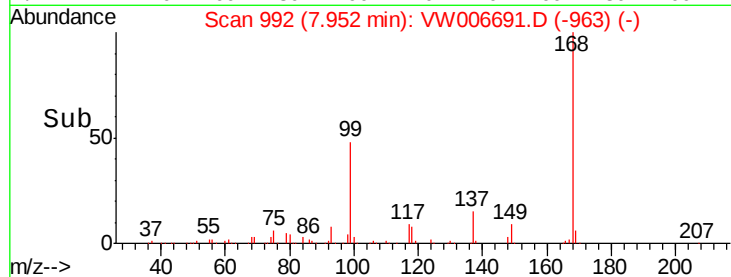
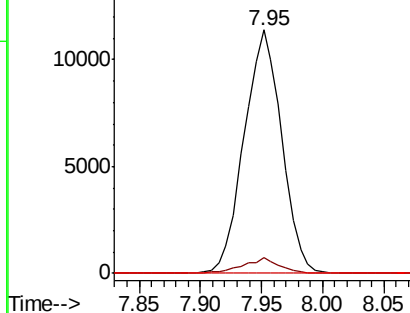


Abundance

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: 42.403 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006691.D

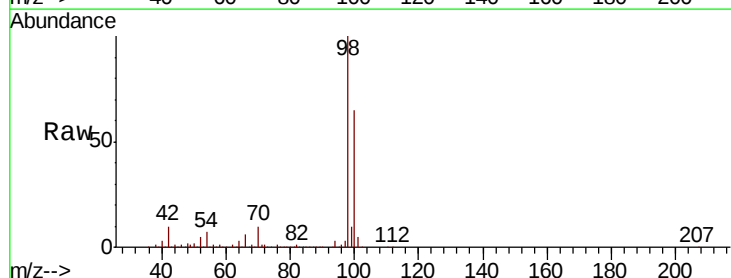
Acq: 06 Nov 2018 17:25

Tgt Ion: 98 Resp: 416338

Ion Ratio Lower Upper

98 100

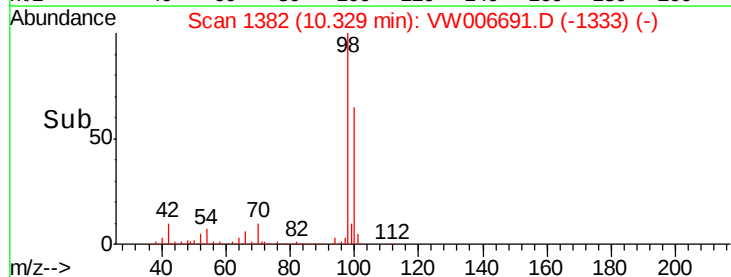
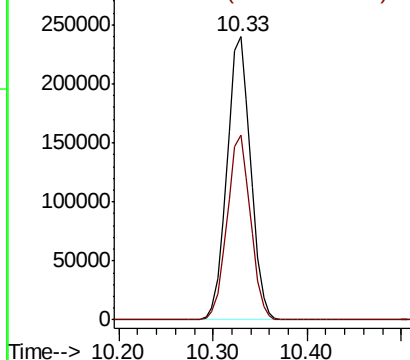
100 64.7 51.6 77.4

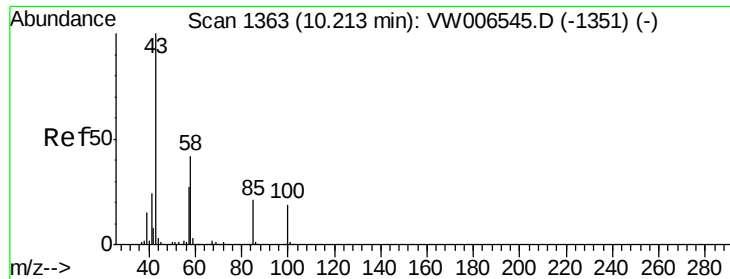


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.211 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006691.D

Acq: 06 Nov 2018 17:25

Instrument :

MSVOA_W

ClientSampleId :

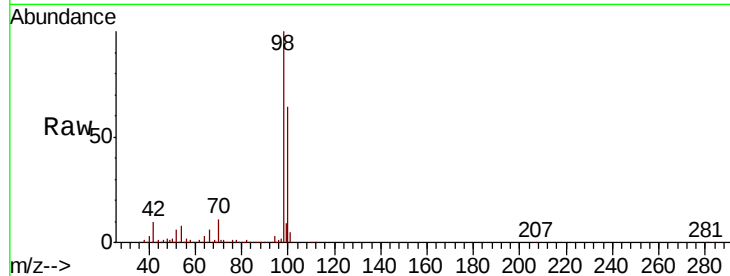
FLOOD-AREA-2

Tot Ion: 43 Resp: 1555

Ion Ratio Lower Upper

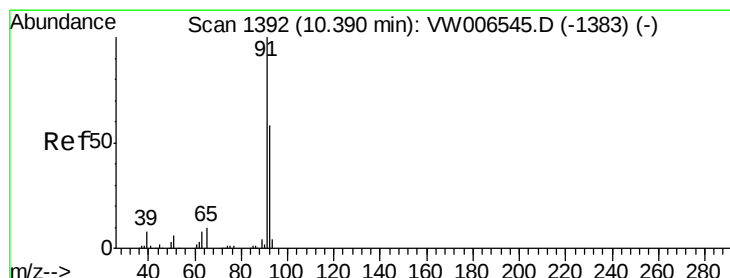
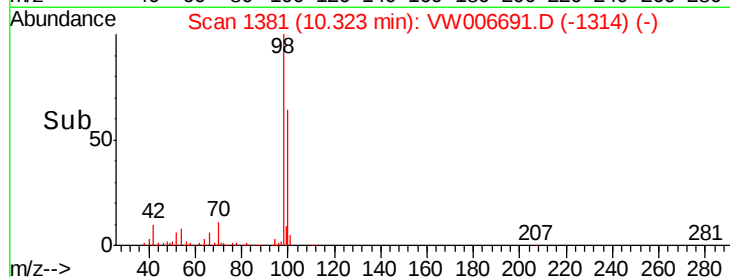
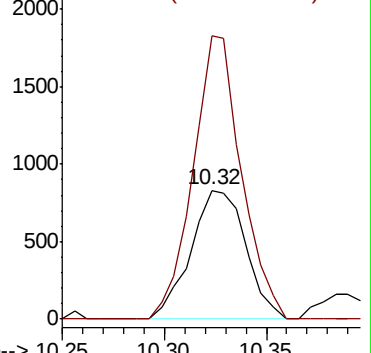
43 100

58 193.6 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 3.000 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006691.D

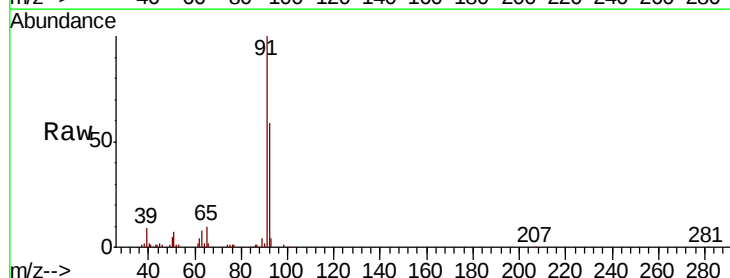
Acq: 06 Nov 2018 17:25

Tgt Ion: 92 Resp: 20654

Ion Ratio Lower Upper

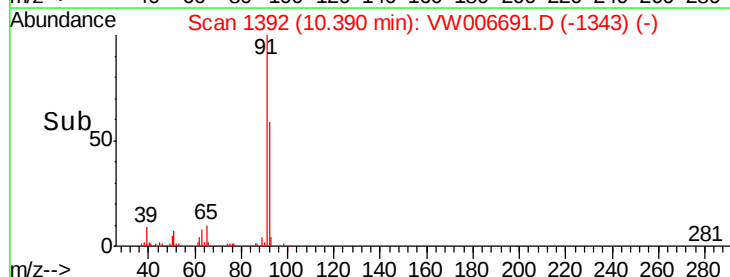
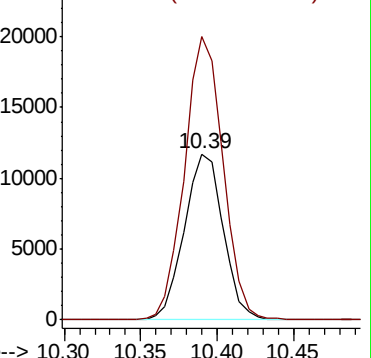
92 100

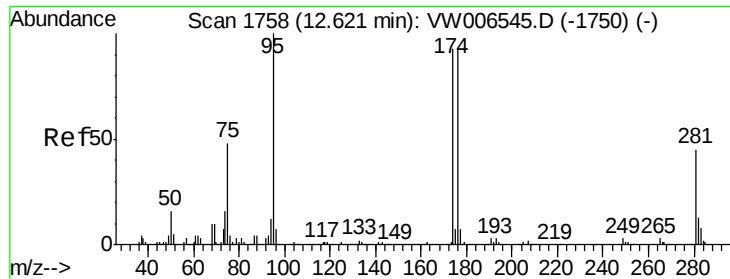
91 169.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 33.701 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006691.D

Acq: 06 Nov 2018 17:25

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-2

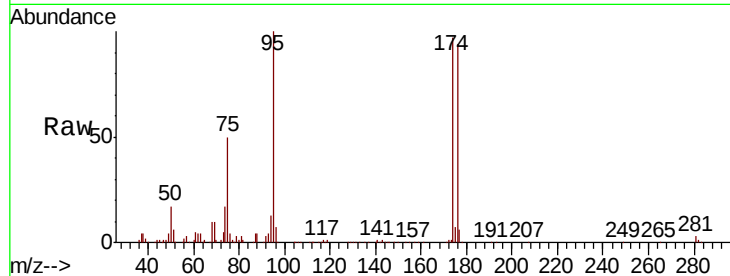
Tot Ion: 95 Resp: 119964

Ion Ratio Lower Upper

95 100

174 99.5 0.0 192.4

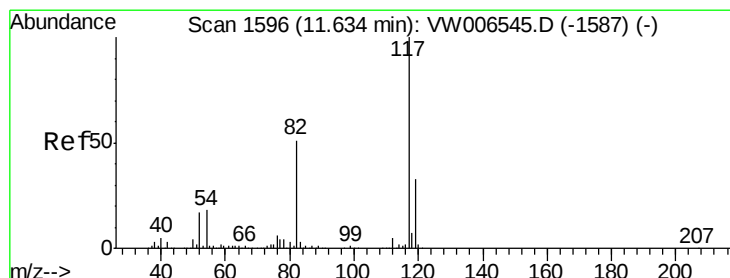
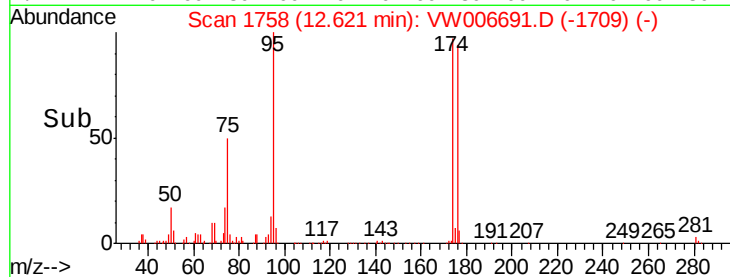
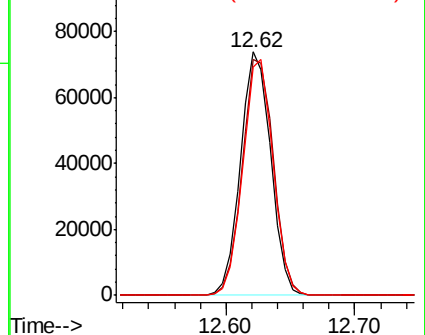
176 96.4 0.0 187.4



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: VW006691.D

Acq: 06 Nov 2018 17:25

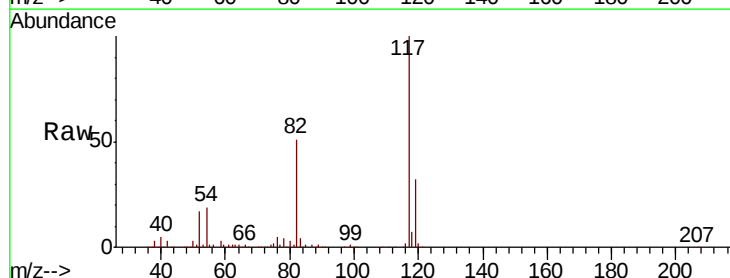
Tgt Ion: 117 Resp: 343238

Ion Ratio Lower Upper

117 100

82 51.1 40.8 61.2

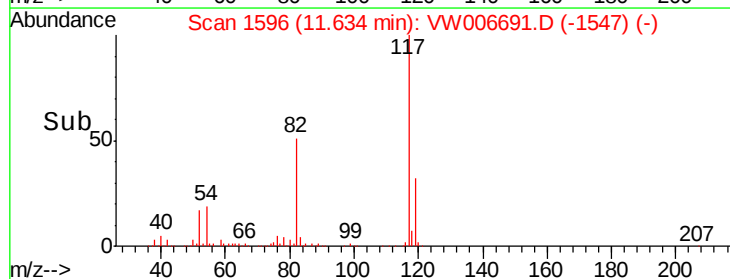
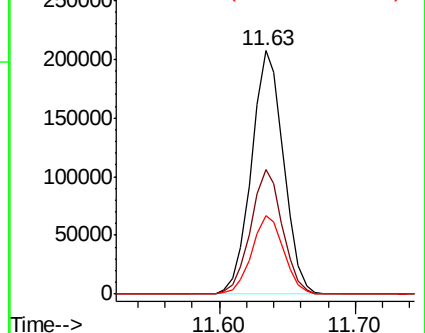
119 32.3 26.1 39.1

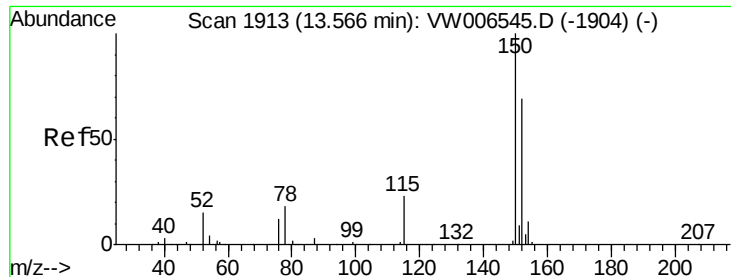


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006691.D

Acq: 06 Nov 2018 17:25

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-2

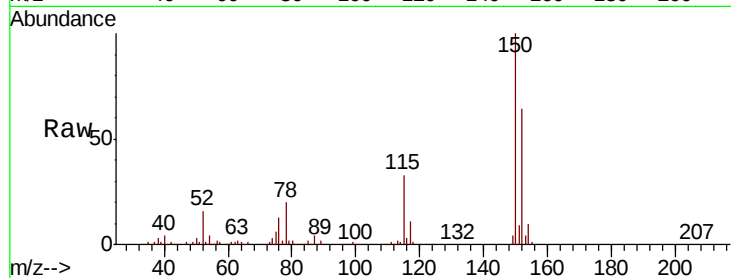
Tot Ion:152 Resp: 132200

Ion Ratio Lower Upper

152 100

115 53.0 26.6 79.8

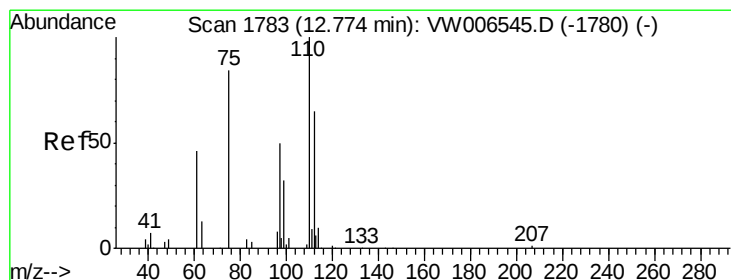
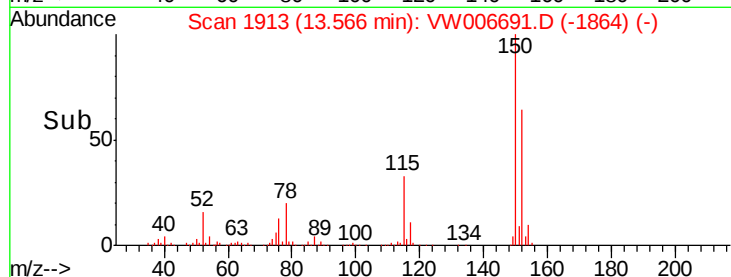
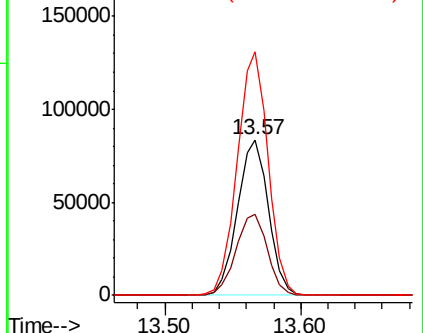
150 156.5 0.0 344.6



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: 57.352 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006691.D

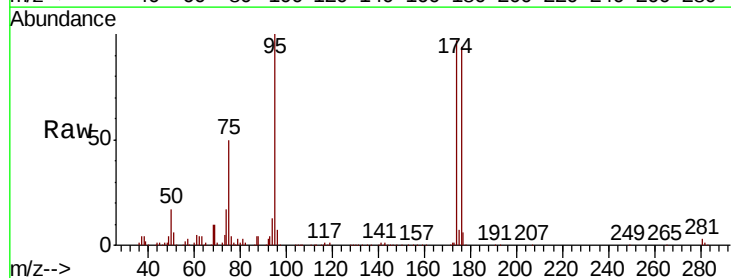
Acq: 06 Nov 2018 17:25

Tgt Ion: 75 Resp: 59156

Ion Ratio Lower Upper

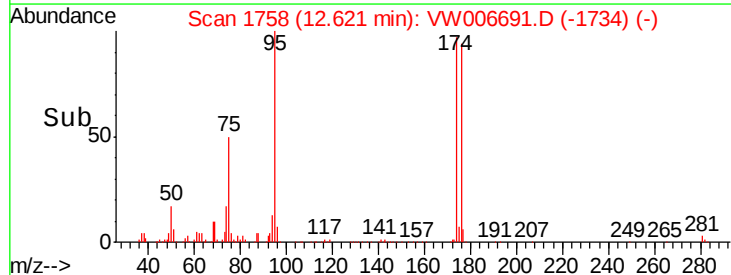
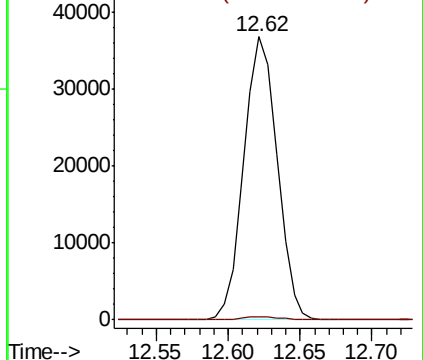
75 100

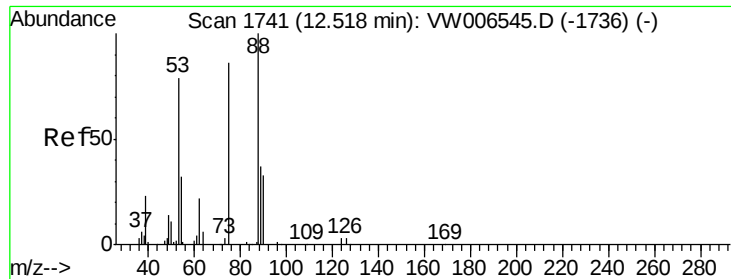
77 1.3 0.0 0.0#



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: 143.281 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006691.D

Acq: 06 Nov 2018 17:25

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-2

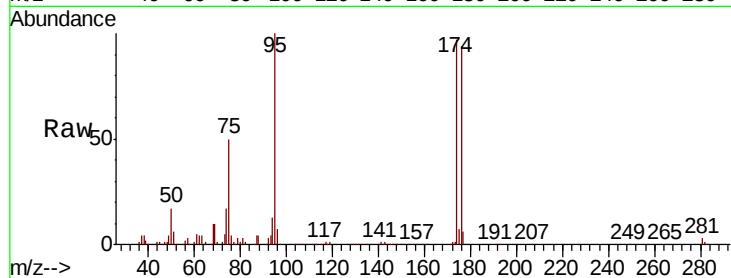
Tot Ion: 75 Resp: 59156

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

