

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006609.D
 Acq On : 02 Nov 2018 18:42
 Operator : SY/AP
 Sample : J5724-05
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WHITE-BAG(NEAR-BERM)

Quant Time: Nov 03 00:26:54 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

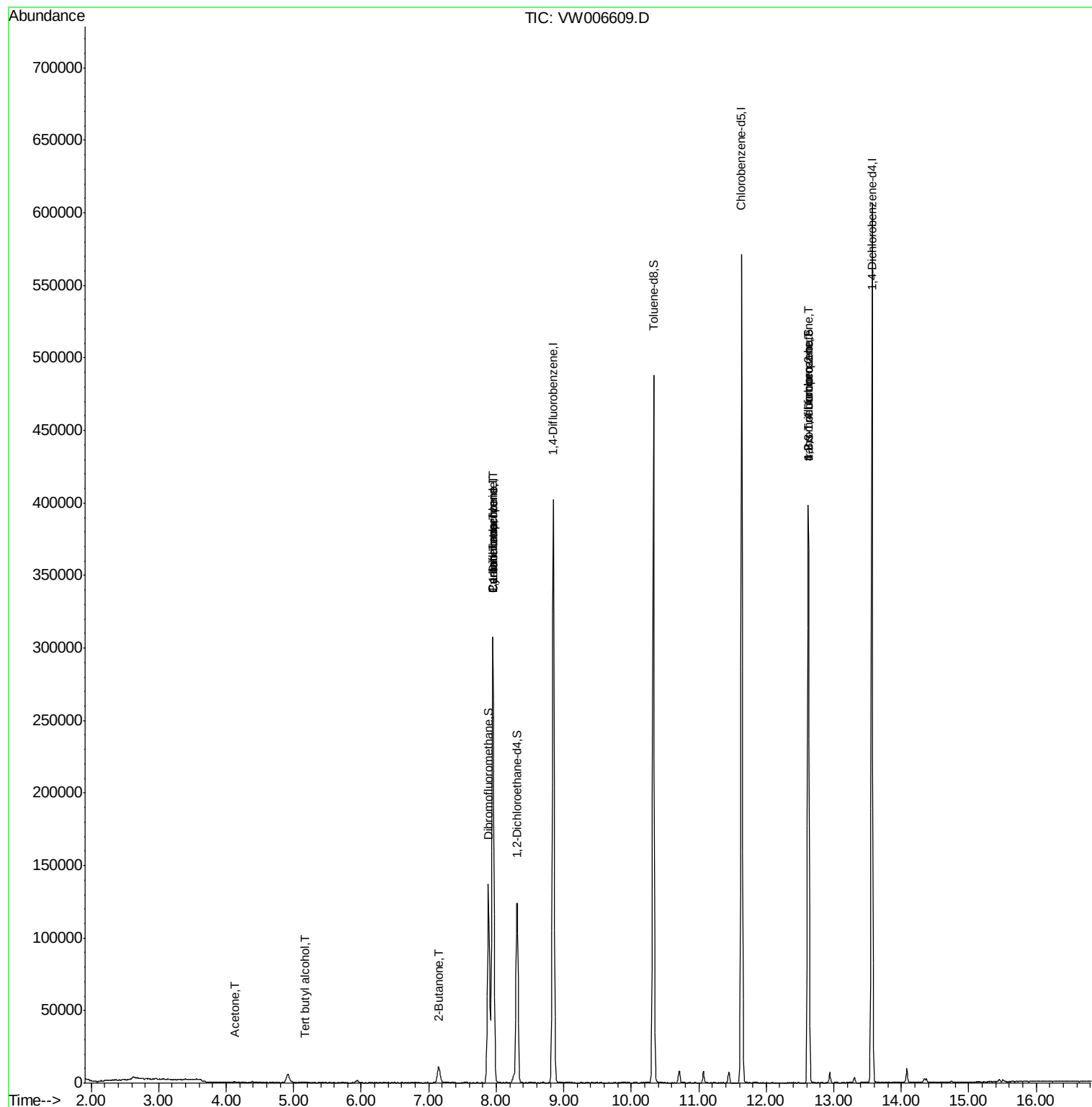
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100756	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
35) Dibromofluoromethane	7.88	113	96638	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.72%	
50) Toluene-d8	10.33	98	338611	38.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.06%	
62) 4-Bromofluorobenzene	12.62	95	115420	36.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	386	3.335	ug/l #	84
16) Acetone	4.13	43	1130	3.258	ug/l	94
20) Methylene Chloride	4.92	84	5808	Below Cal		89
25) 2-Butanone	7.15	43	597	1.206	ug/l #	46
31) Cyclohexane	7.95	56	4172	1.219	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	16256	5.025	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21559	6.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57881	43.321	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57881	108.879	ug/l #	11

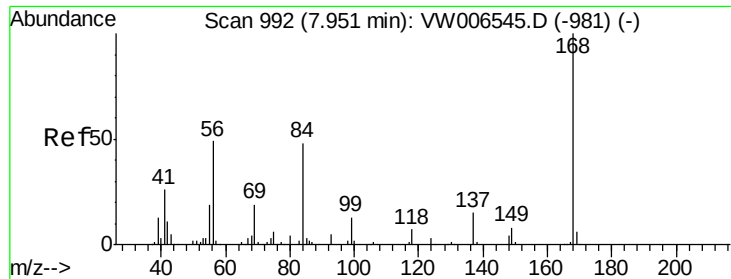
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006609.D

Acq: 02 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

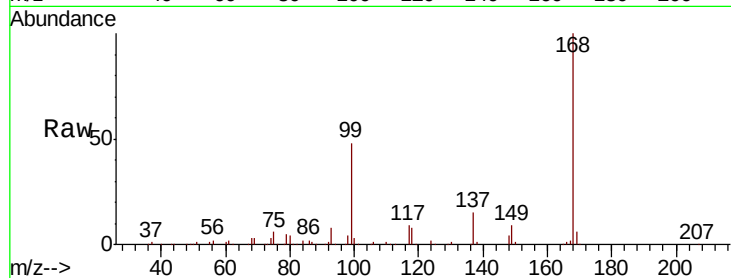
WHITE-BAG(NEAR-BERM)

Tgt Ion:168 Resp: 249882

Ion Ratio Lower Upper

168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

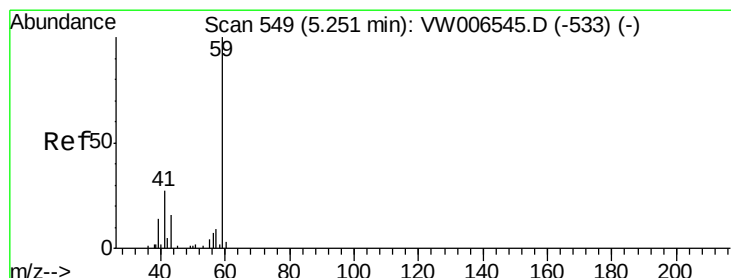
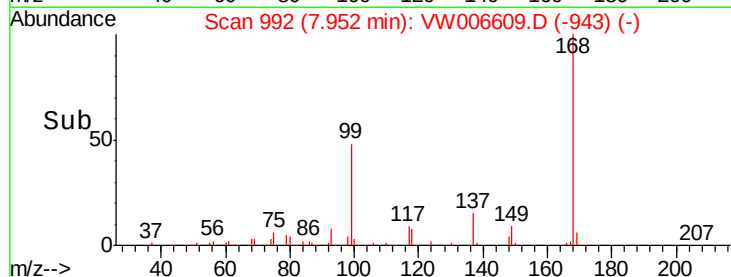
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 3.335 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.08 min

Lab File: VW006609.D

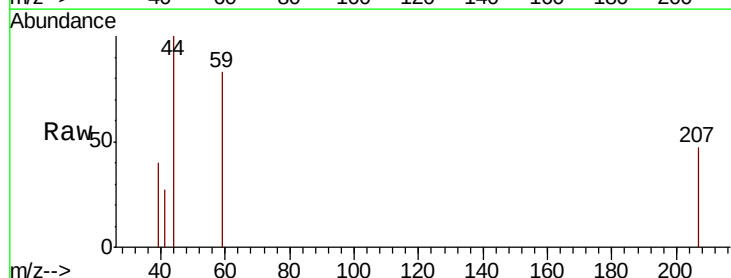
Acq: 02 Nov 2018 18:42

Tgt Ion: 59 Resp: 386

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

5.17

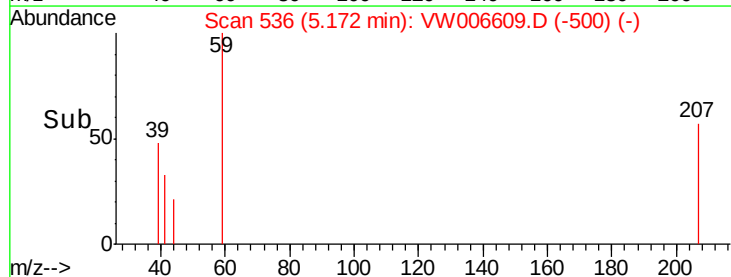
150

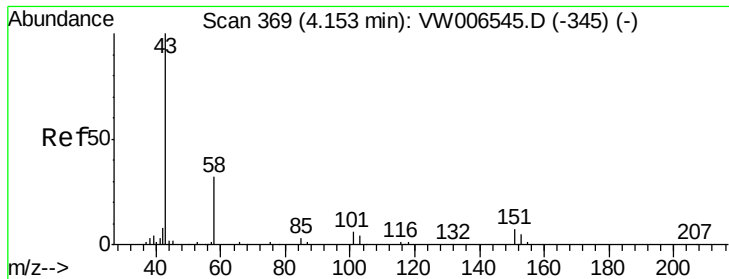
100

50

0

Time--> 5.15 5.20





#16

Acetone

Concen: 3.258 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

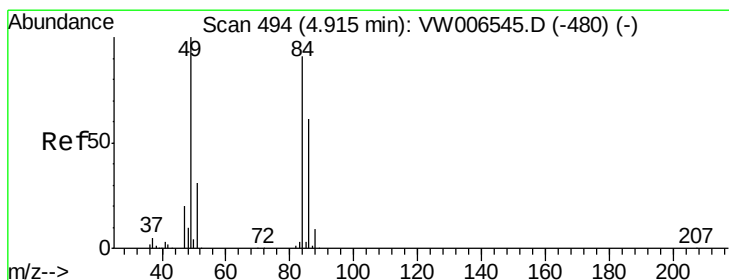
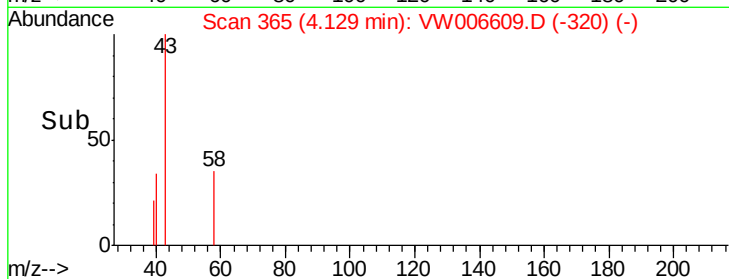
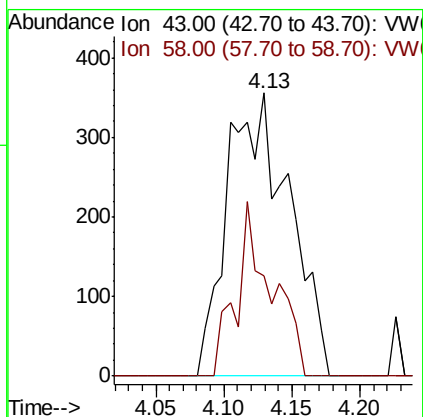
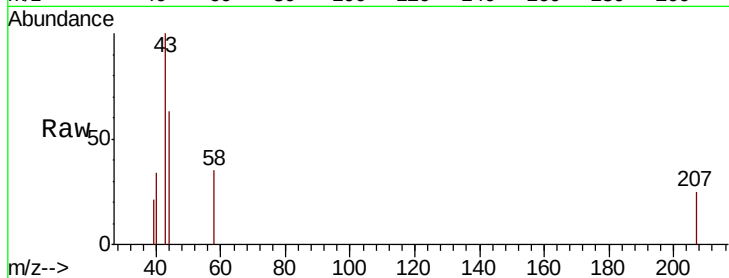
WHITE-BAG(NEAR-BERM)

Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

58 35.4 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

Tgt Ion: 84 Resp: 5808

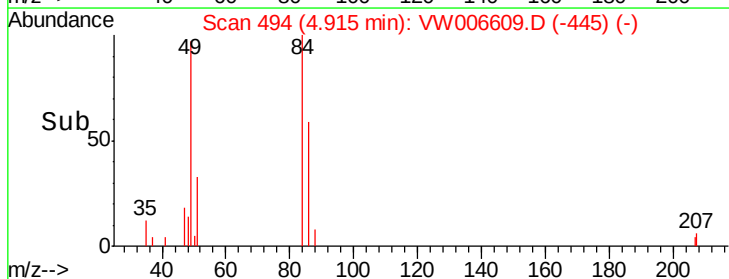
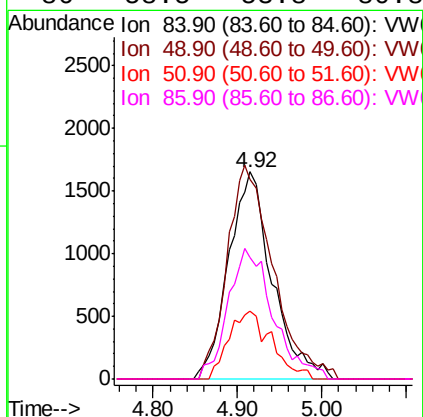
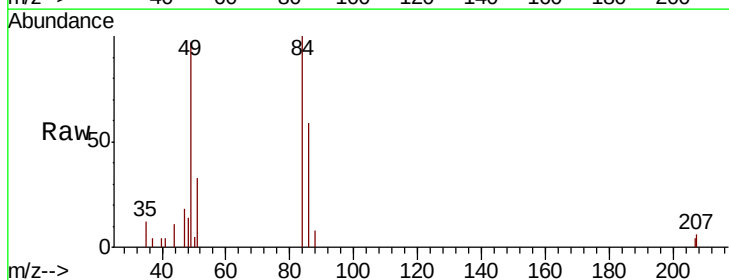
Ion Ratio Lower Upper

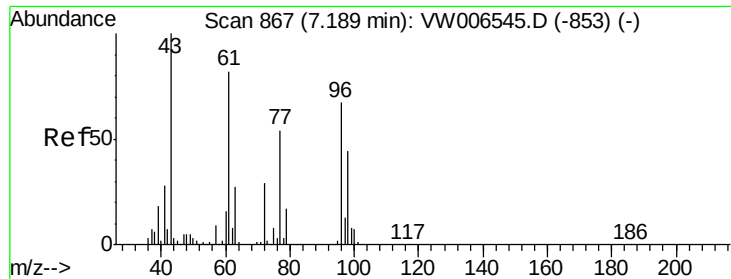
84 100

49 96.6 88.2 132.4

51 32.5 27.0 40.6

86 58.5 53.8 80.8





#25

2-Butanone

Concen: 1.206 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

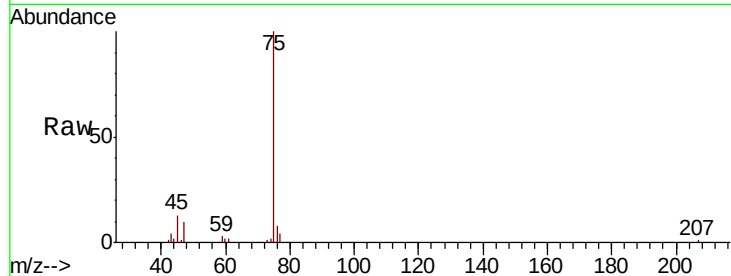
WHITE-BAG(NEAR-BERM)

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

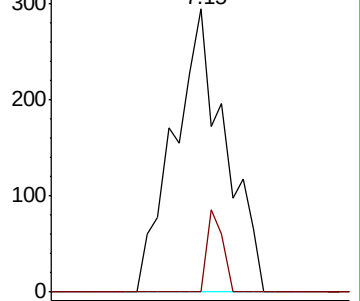
43 100

72 0.0 23.2 34.8#

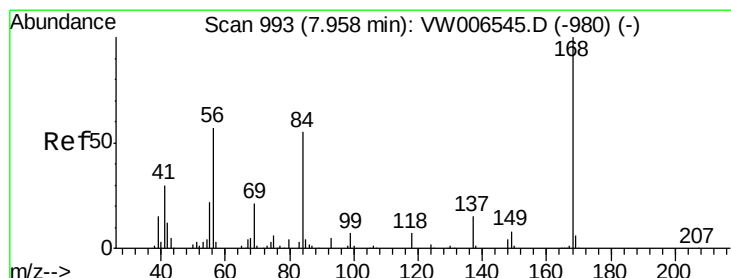
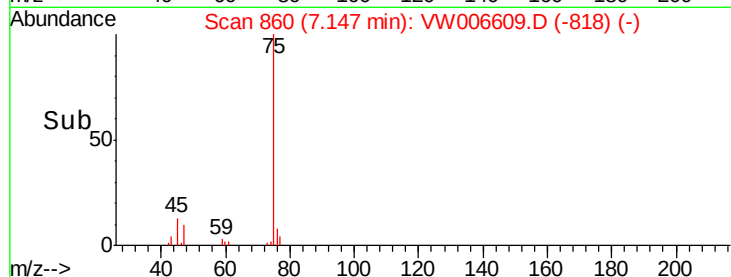


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

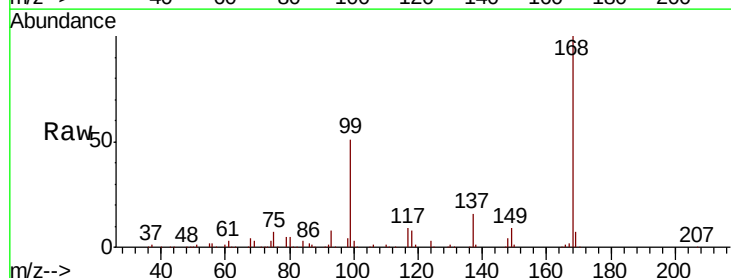
Tgt Ion: 56 Resp: 4172

Ion Ratio Lower Upper

56 100

69 162.2 29.0 43.4#

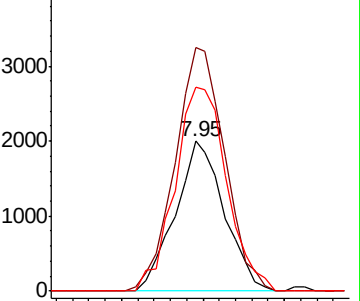
84 135.7 77.8 116.6#



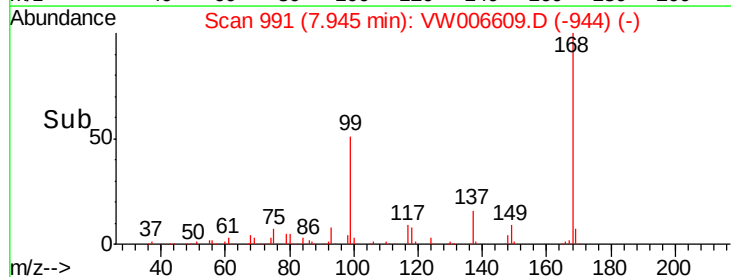
Abundance Ion 56.00 (55.70 to 56.70): VW

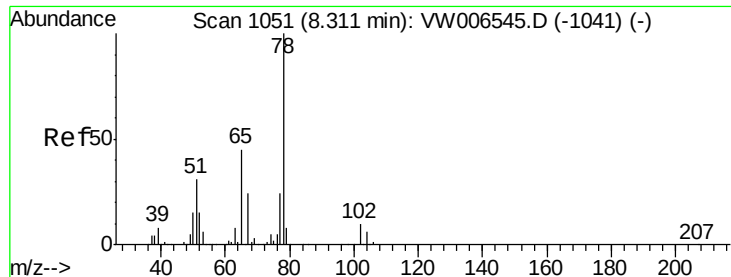
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->

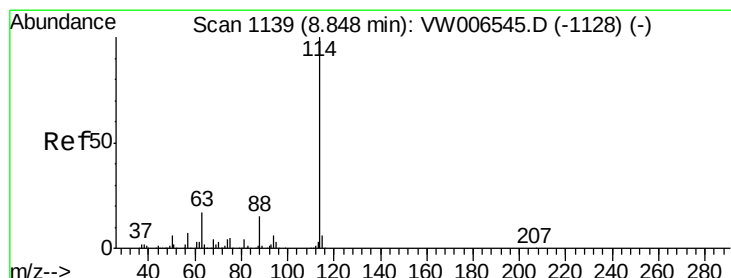
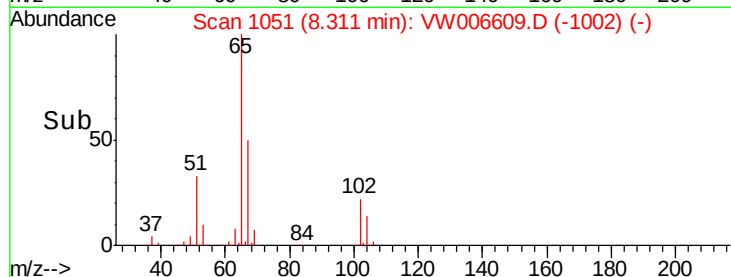
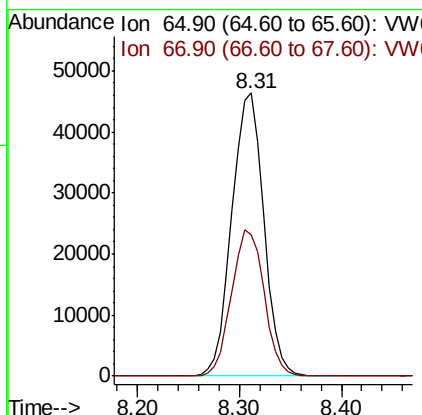
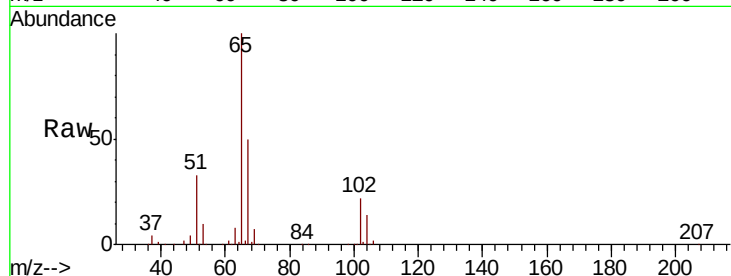




#33
 1,2-Dichloroethane-d4
 Concen: 46.907 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006609.D
 Acq: 02 Nov 2018 18:42

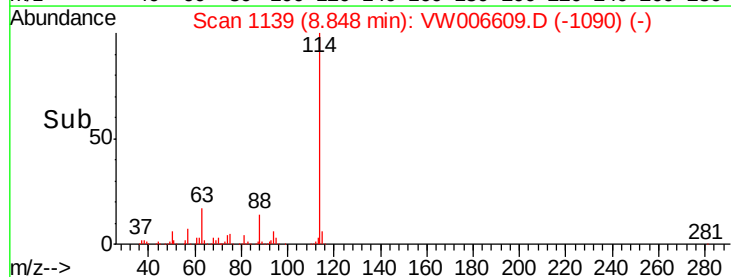
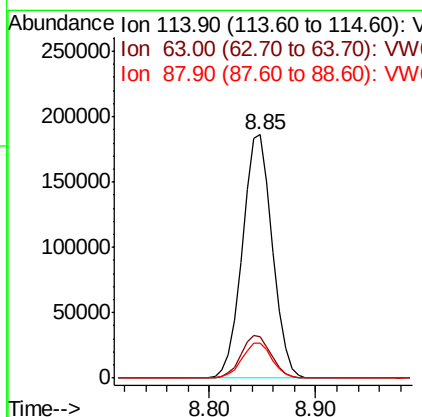
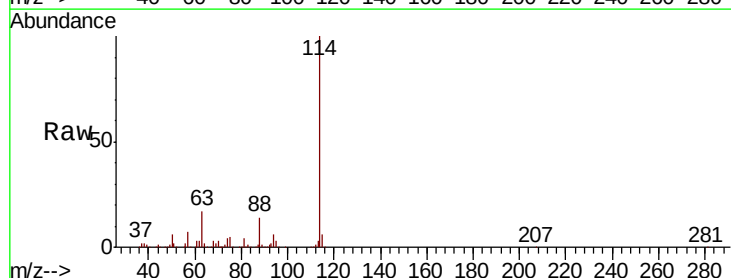
Instrument :
 MSVOA_W
 ClientSampleId :
 WHITE-BAG(NEAR-BERM)

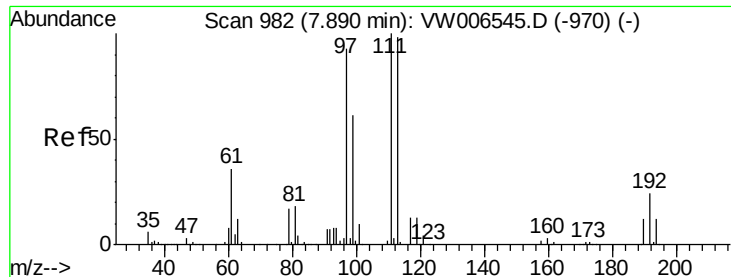
Tgt Ion: 65 Resp: 100756
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006609.D
 Acq: 02 Nov 2018 18:42

Tgt Ion: 114 Resp: 367851
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.861 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

WHITE-BAG(NEAR-BERM)

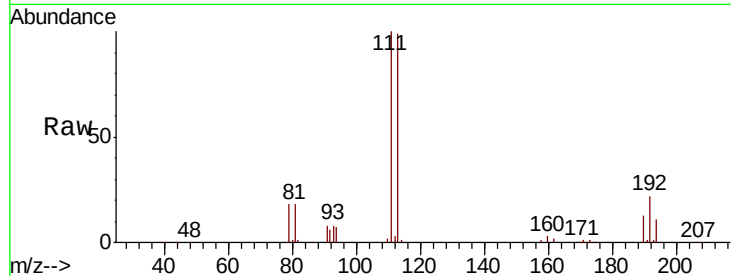
Tgt Ion:113 Resp: 96638

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

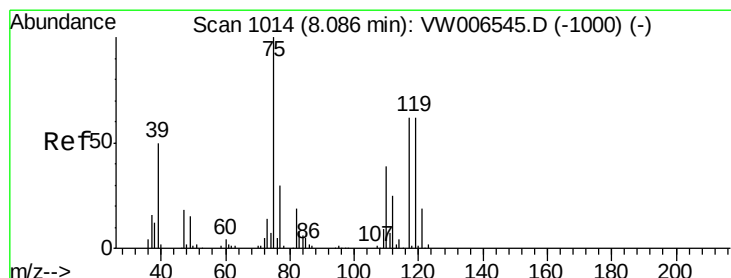
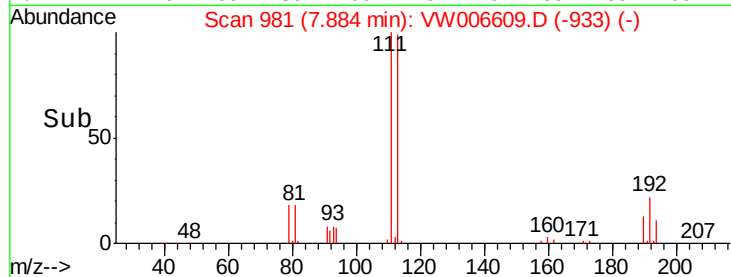
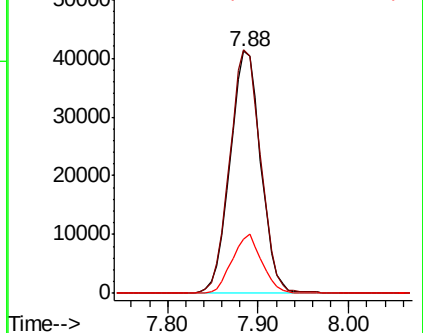
192 23.4 19.0 28.6



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: 5.025 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

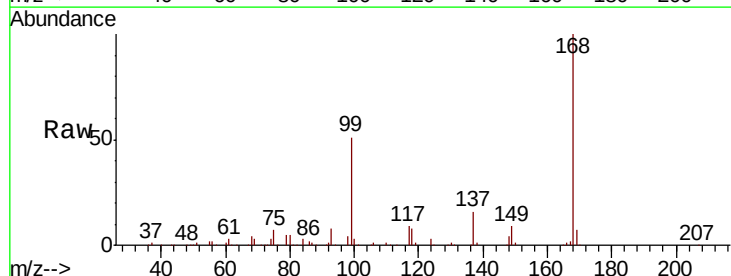
Tgt Ion: 75 Resp: 16256

Ion Ratio Lower Upper

75 100

110 9.4 19.5 58.5#

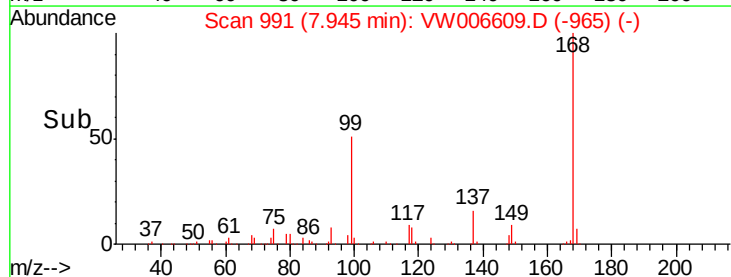
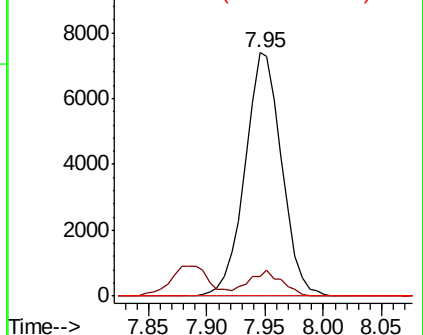
77 0.0 24.6 37.0#

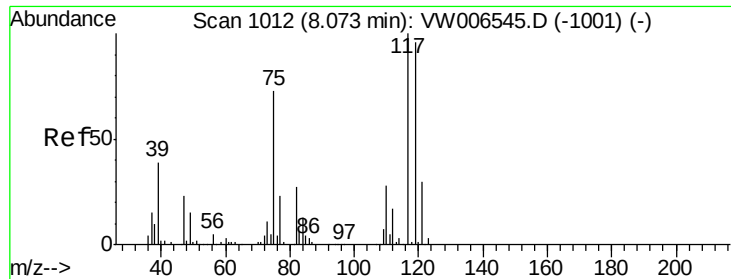


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

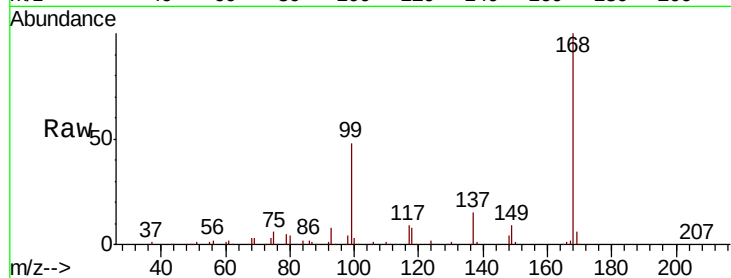




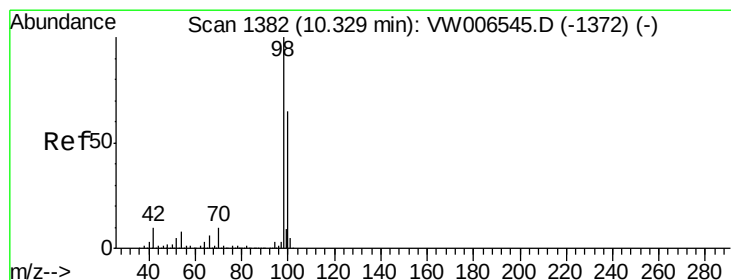
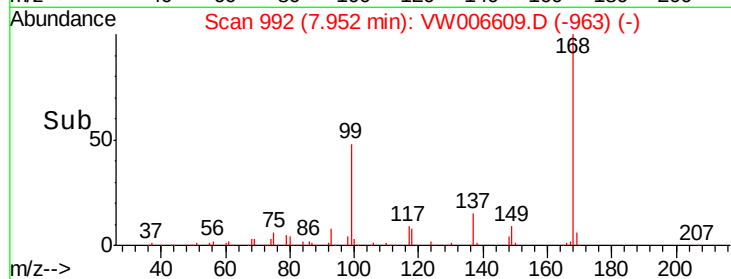
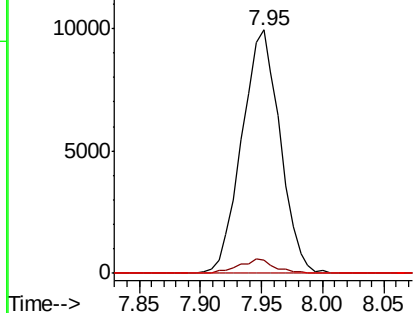
#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006609.D
Acq: 02 Nov 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :
WHITE-BAG(NEAR-BERM)

Tgt Ion: 117 Resp: 21559
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.1 36.1#

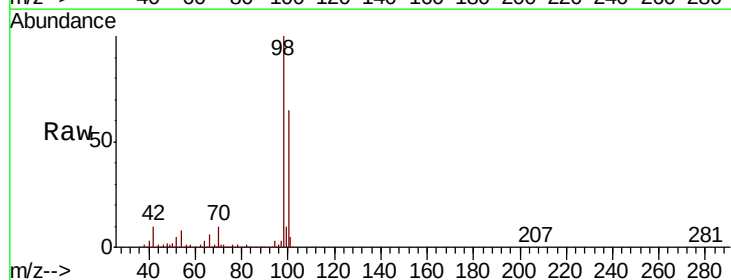


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

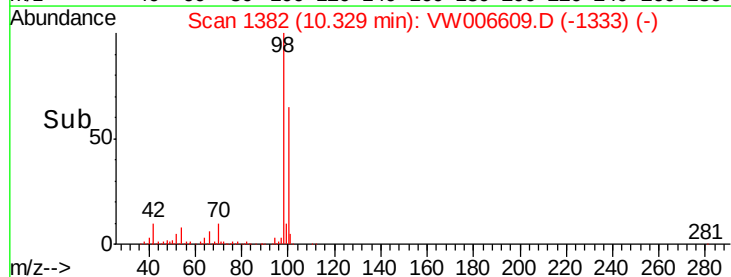
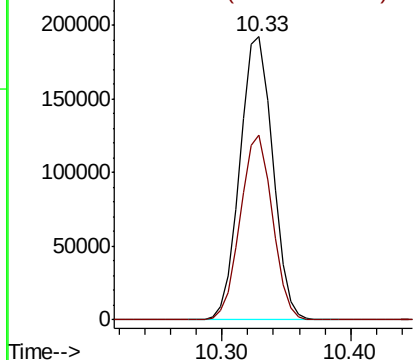


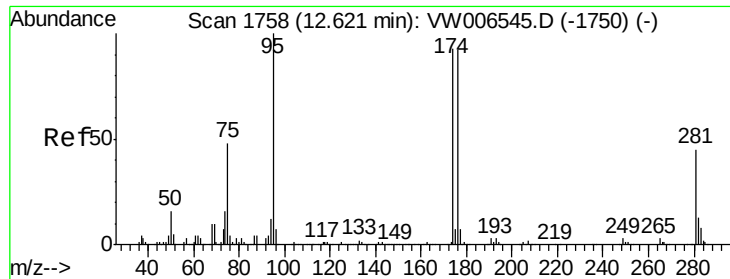
#50
Toluene-d8
Concen: 38.530 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006609.D
Acq: 02 Nov 2018 18:42

Tgt Ion: 98 Resp: 338611
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



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

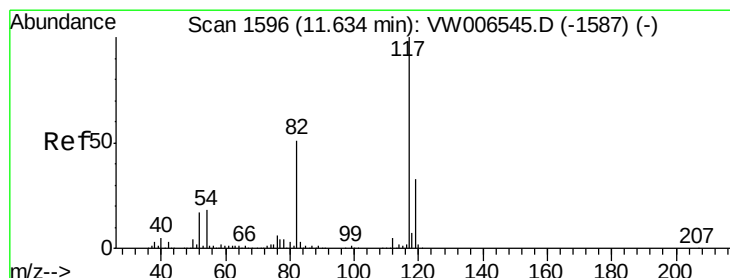
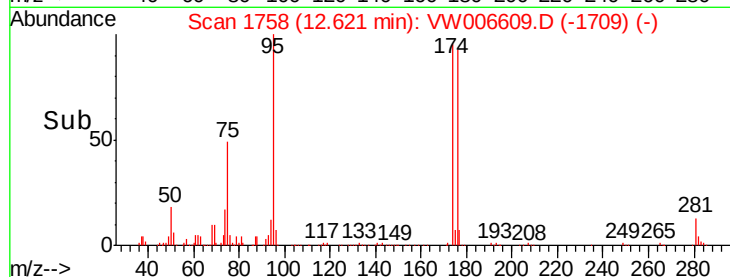
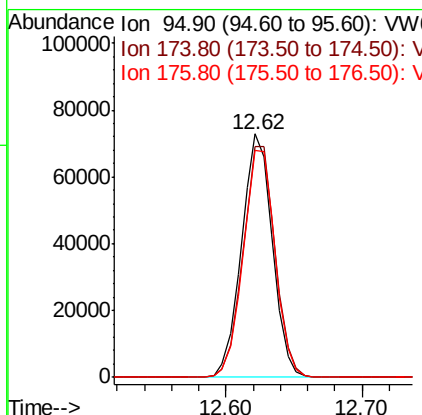
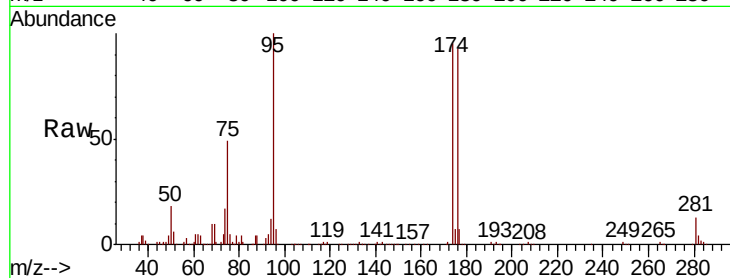




#62
4-Bromofluorobenzene
Concen: 36.226 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006609.D
Acq: 02 Nov 2018 18:42

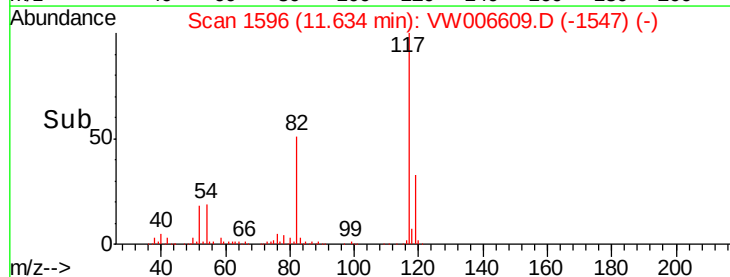
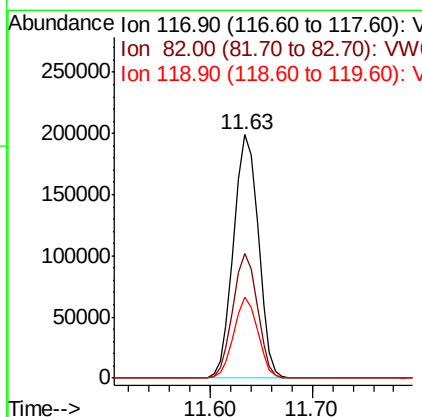
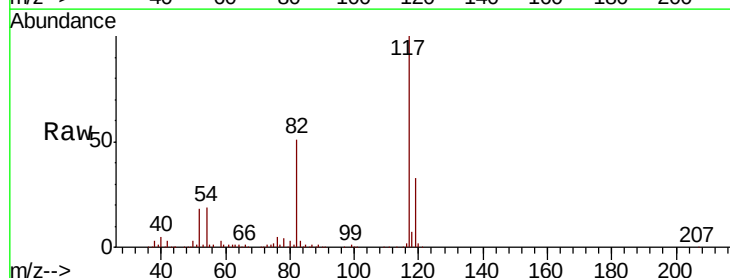
Instrument :
MSVOA_W
ClientSampleId :
WHITE-BAG(NEAR-BERM)

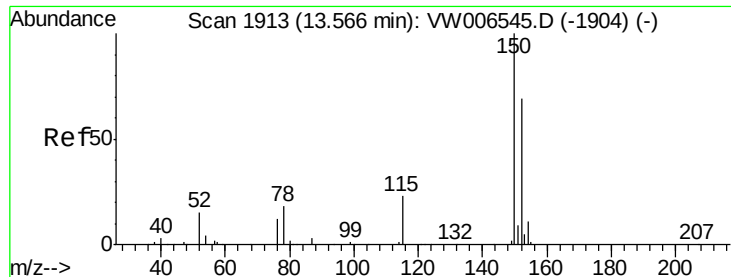
Tgt Ion: 95 Resp: 115420
Ion Ratio Lower Upper
95 100
174 98.9 0.0 192.4
176 96.6 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006609.D
Acq: 02 Nov 2018 18:42

Tgt Ion: 117 Resp: 334929
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 33.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

WHITE-BAG(NEAR-BERM)

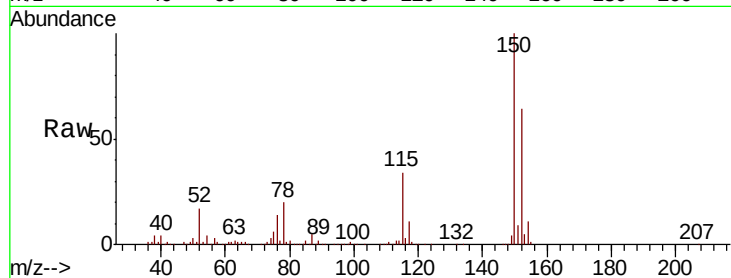
Tgt Ion:152 Resp: 171245

Ion Ratio Lower Upper

152 100

115 53.3 26.6 79.8

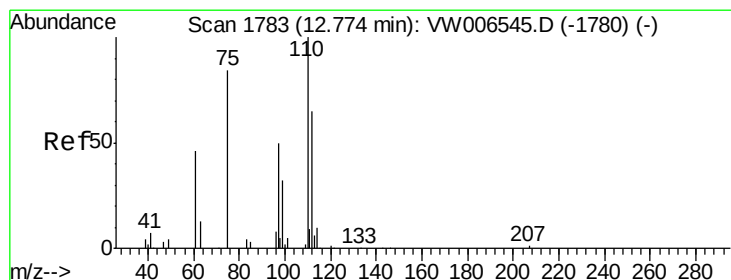
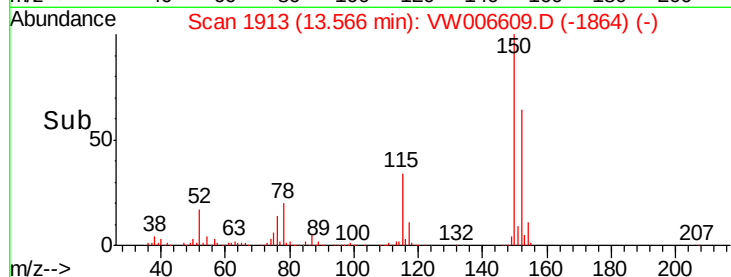
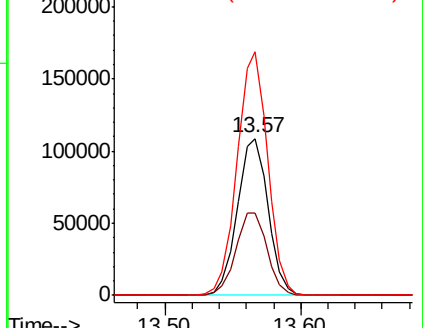
150 154.1 0.0 344.6



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: 43.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006609.D

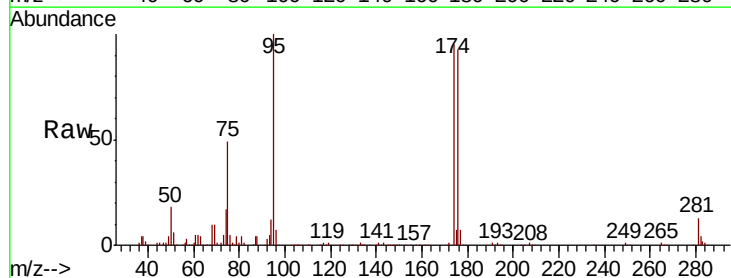
Acq: 02 Nov 2018 18:42

Tgt Ion: 75 Resp: 57881

Ion Ratio Lower Upper

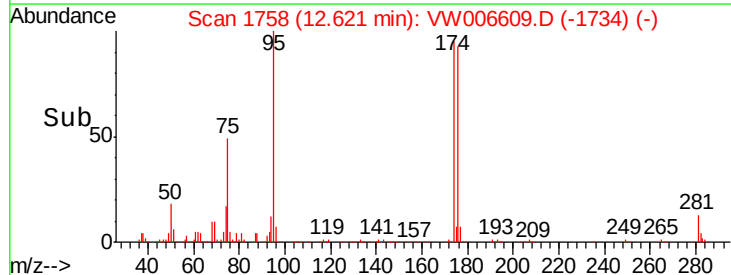
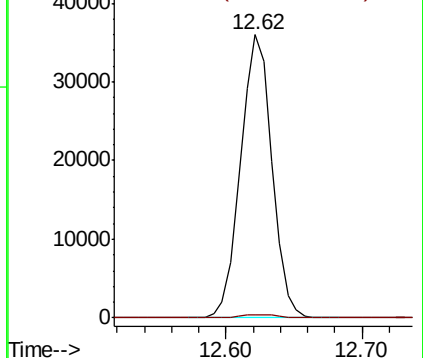
75 100

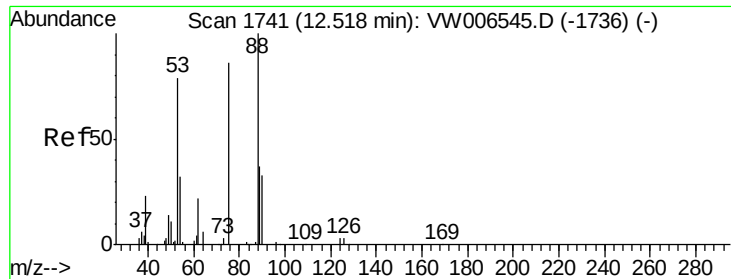
77 1.3 0.0 0.0#



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: 108.879 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006609.D

Acq: 02 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

WHITE-BAG(NEAR-BERM)

Tgt Ion: 75 Resp: 57881

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

