

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006607.D
 Acq On : 02 Nov 2018 17:50
 Operator : SY/AP
 Sample : J5724-03
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Quant Time: Nov 03 00:26:35 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

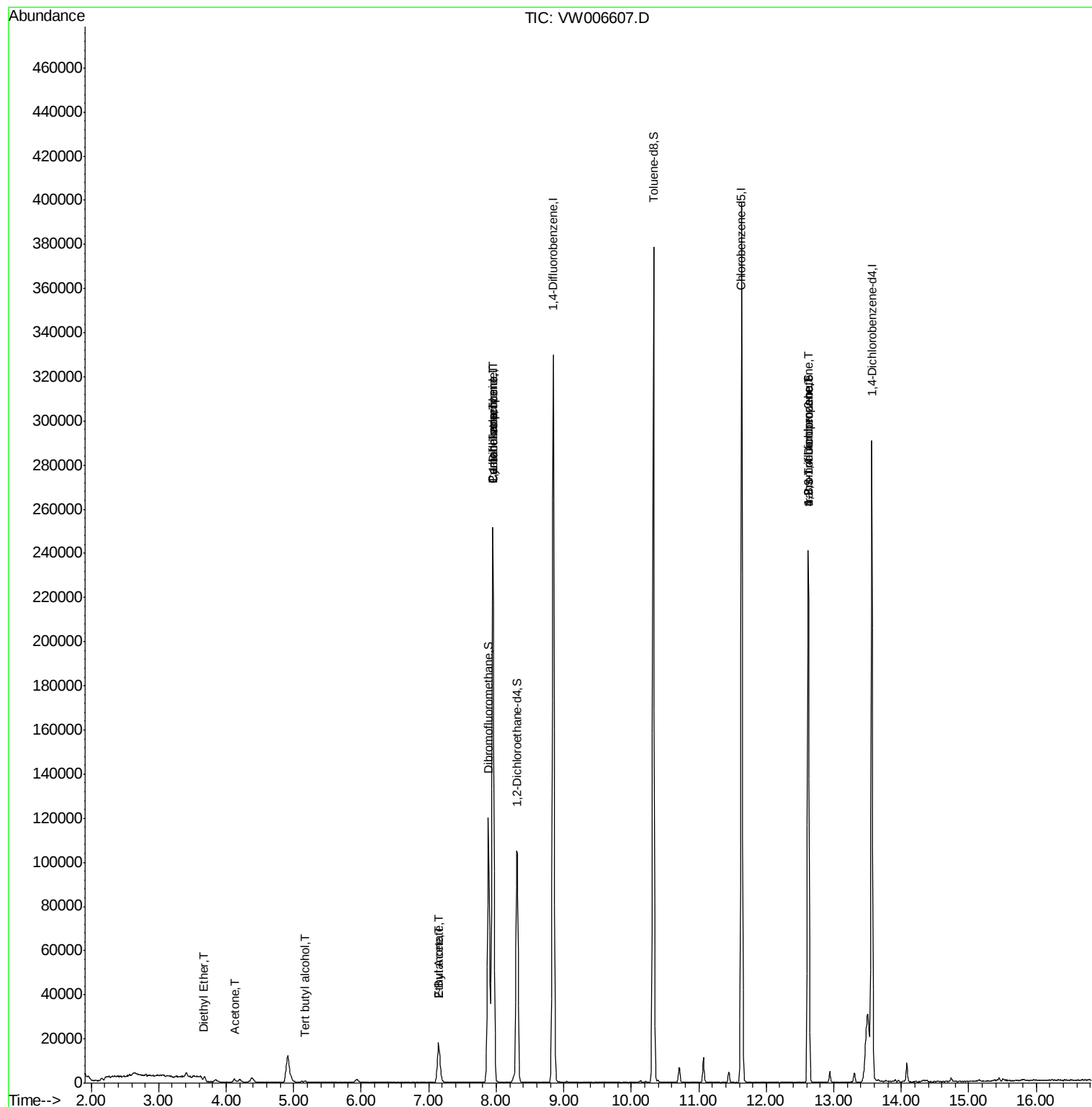
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84436	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	7.88	113	84423	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
50) Toluene-d8	10.33	98	267273	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	
62) 4-Bromofluorobenzene	12.62	95	68964	26.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.84%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1135	1.275	ug/l	77
11) Tert butyl alcohol	5.17	59	491	5.147	ug/l #	84
16) Acetone	4.12	43	2971	10.393	ug/l #	80
25) 2-Butanone	7.14	43	1140	2.795	ug/l #	46
31) Cyclohexane	7.95	56	3445	1.221	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12995	4.997	ug/l #	47
37) Ethyl Acetate	7.14	43	1140	1.265	ug/l #	7
38) Carbon Tetrachloride	7.95	117	17927	6.597	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	34736	53.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34736	134.188	ug/l #	11

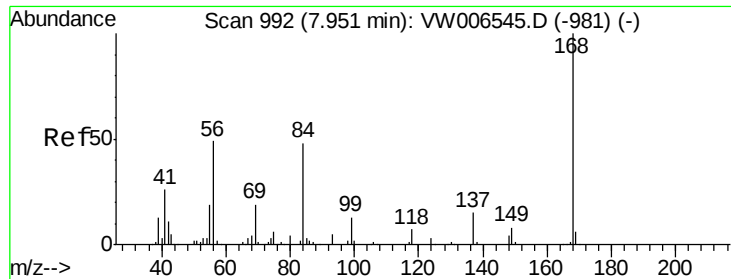
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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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: VW006607.D

Acq: 02 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

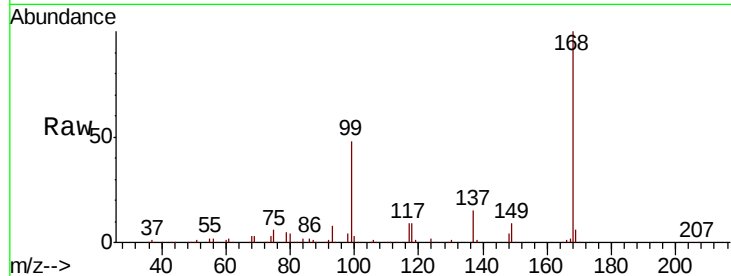
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:168 Resp: 205991

Ion Ratio Lower Upper

168 100

99 48.4 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

80000

60000

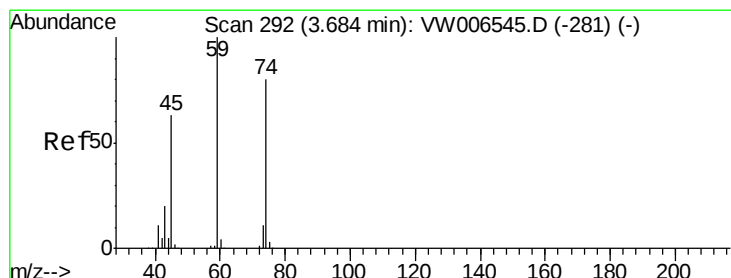
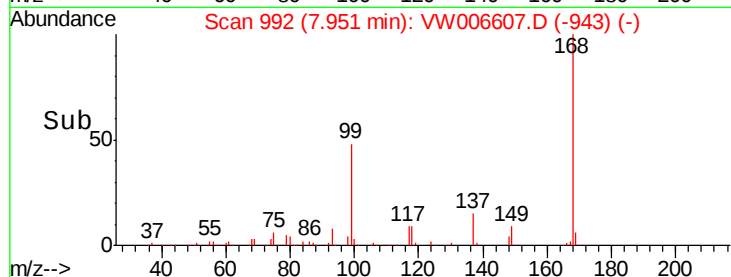
40000

20000

0

Time-->

7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.275 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006607.D

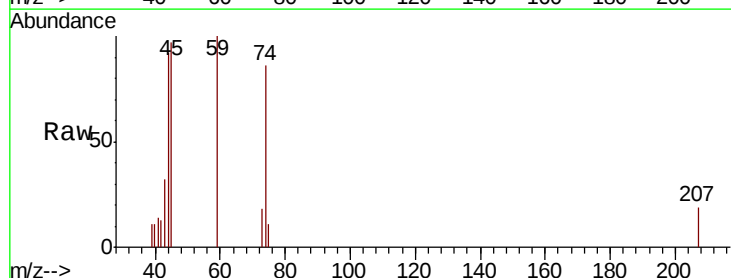
Acq: 02 Nov 2018 17:50

Tgt Ion: 74 Resp: 1135

Ion Ratio Lower Upper

74 100

45 103.1 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

600

500

400

300

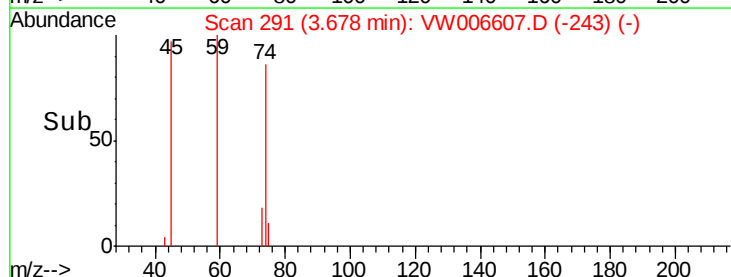
200

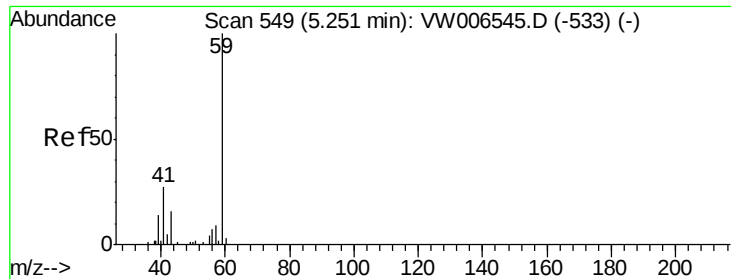
100

0

Time-->

3.60 3.65 3.70 3.75



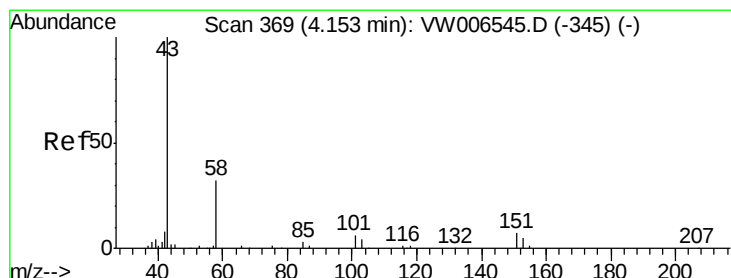
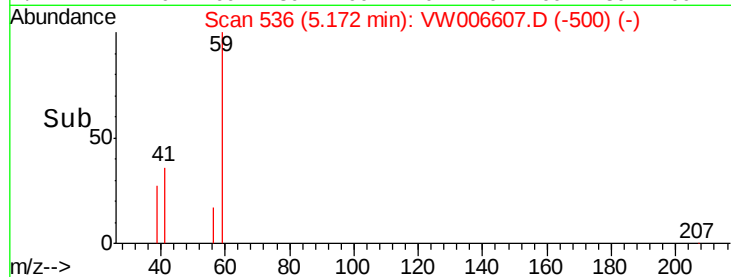
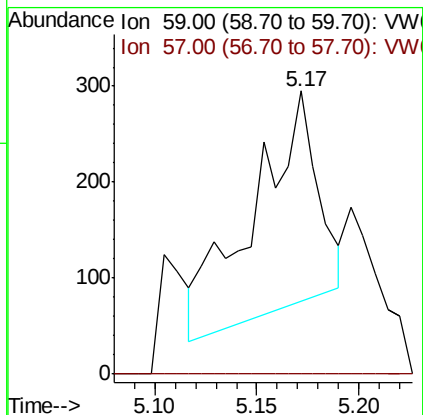
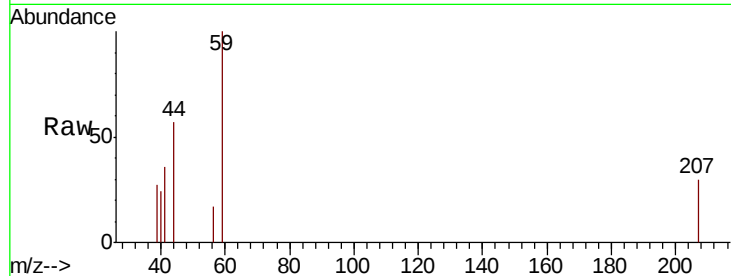


#11

Tert butyl alcohol
 Concen: 5.147 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.08 min
 Lab File: VW006607.D
 Acq: 02 Nov 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

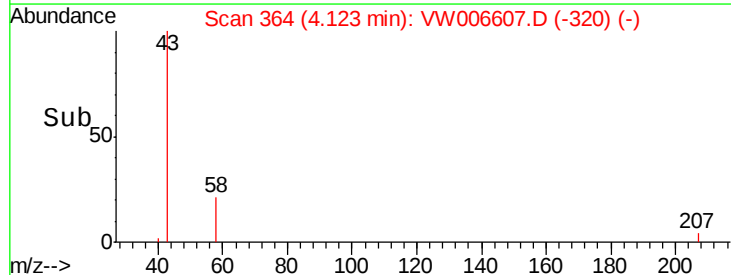
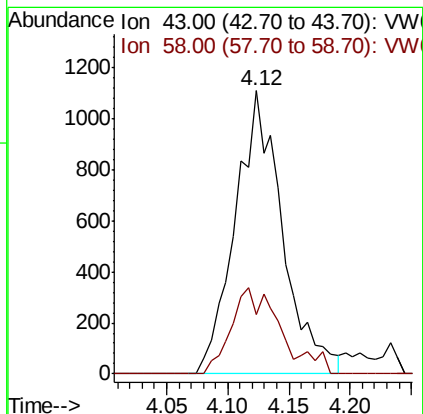
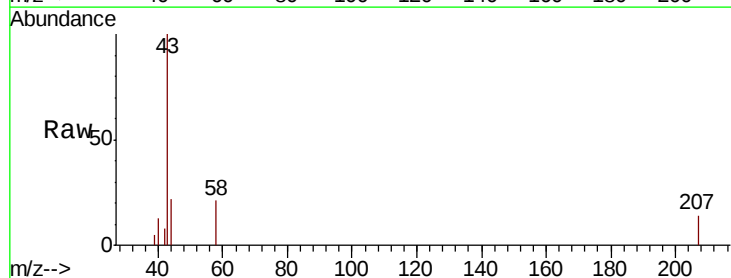
Tgt Ion: 59 Resp: 491
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

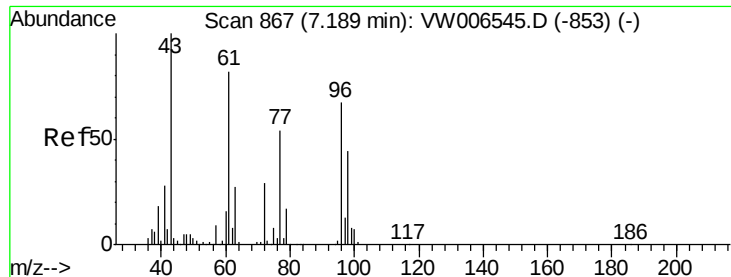


#16

Acetone
 Concen: 10.393 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.03 min
 Lab File: VW006607.D
 Acq: 02 Nov 2018 17:50

Tgt Ion: 43 Resp: 2971
 Ion Ratio Lower Upper
 43 100
 58 21.2 25.8 38.8#





#25

2-Butanone

Concen: 2.795 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.05 min

Lab File: VW006607.D

Acq: 02 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

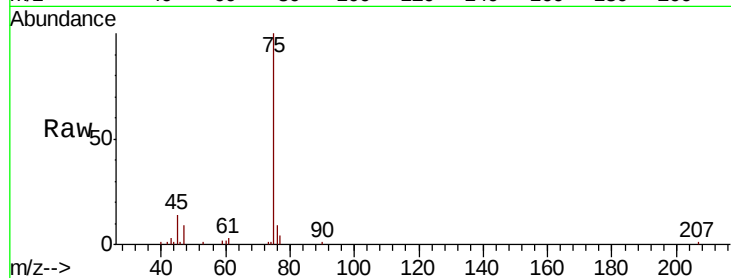
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 43 Resp: 1140

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

7.14

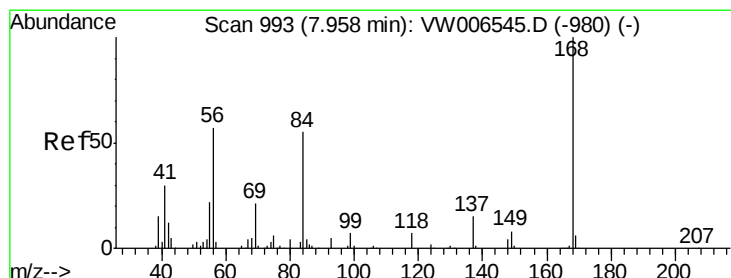
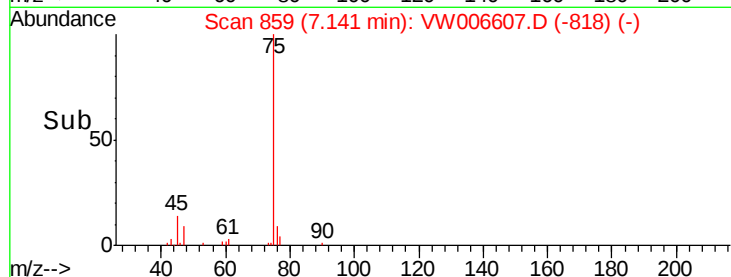
300

200

100

0

Time--> 7.05 7.10 7.15 7.20 7.25



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006607.D

Acq: 02 Nov 2018 17:50

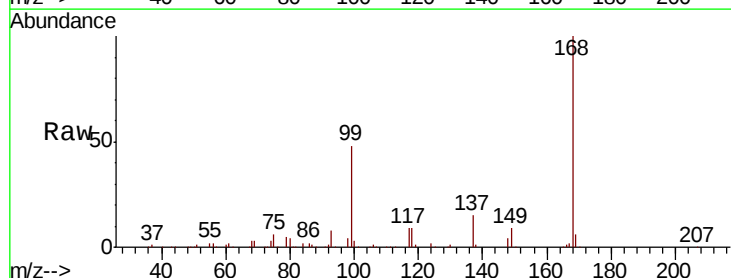
Tgt Ion: 56 Resp: 3445

Ion Ratio Lower Upper

56 100

69 166.9 29.0 43.4#

84 133.0 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

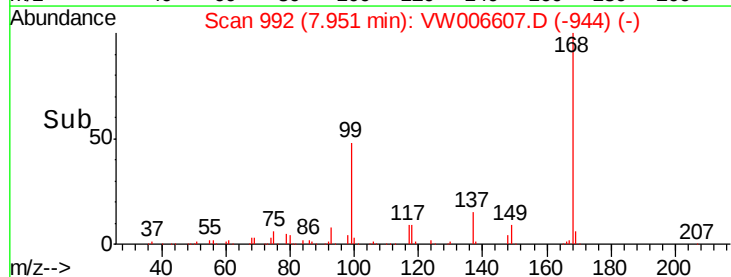
3000

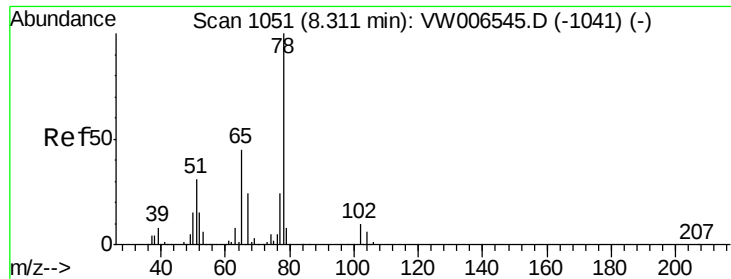
2000

1000

0

Time--> 7.85 7.90 7.95 8.00

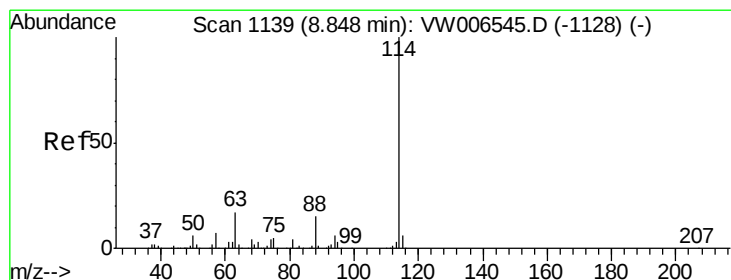
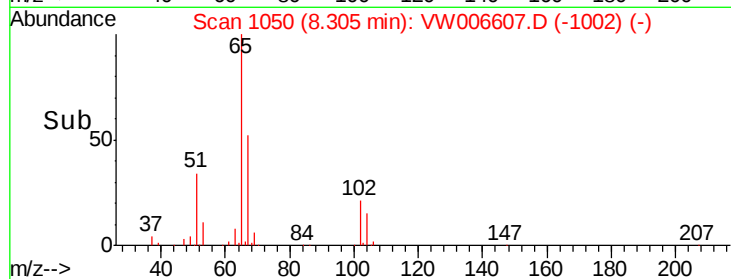
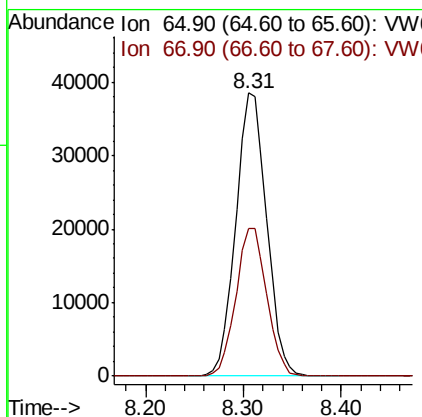
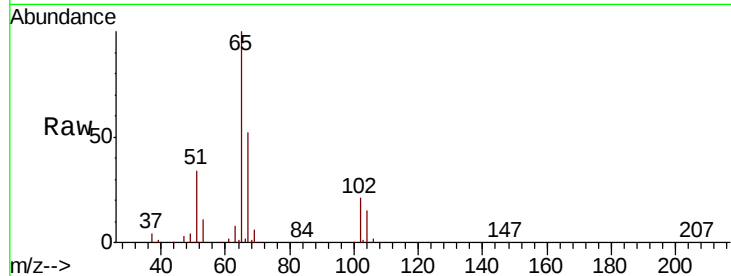




#33
 1,2-Dichloroethane-d4
 Concen: 47.685 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006607.D
 Acq: 02 Nov 2018 17:50

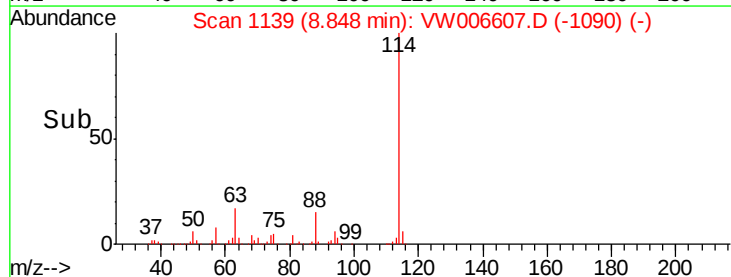
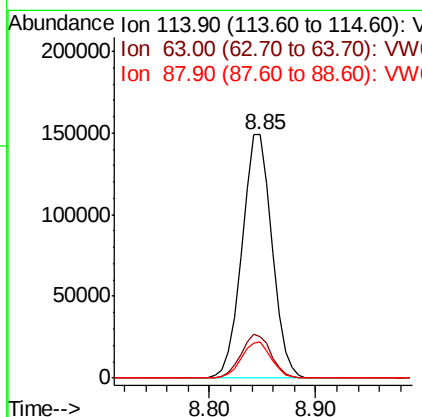
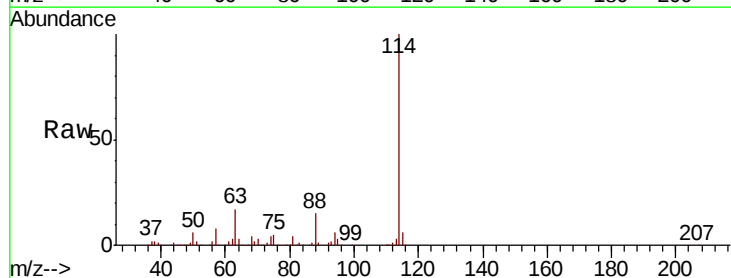
Instrument :
 MSVOA_W
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

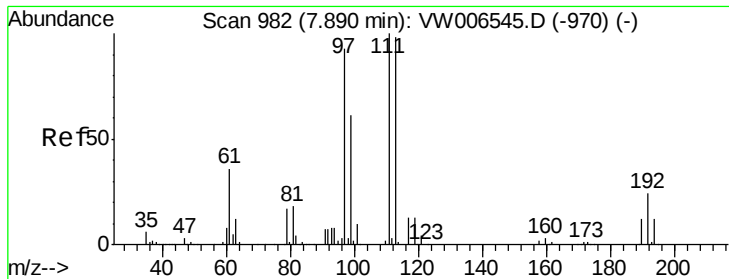
Tgt Ion: 65 Resp: 84436
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006607.D
 Acq: 02 Nov 2018 17:50

Tgt Ion: 114 Resp: 295728
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.7 0.0 29.0

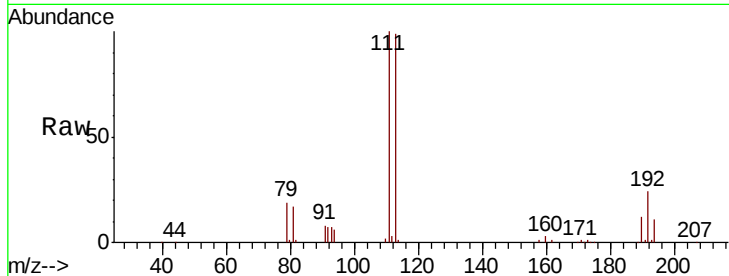




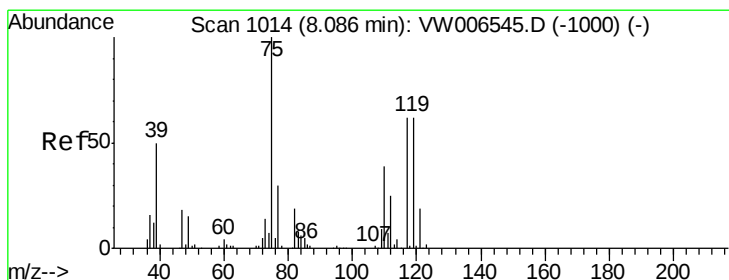
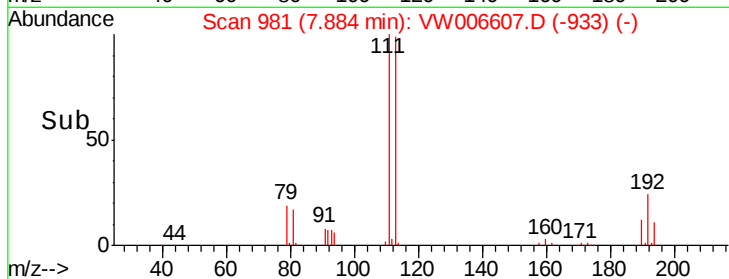
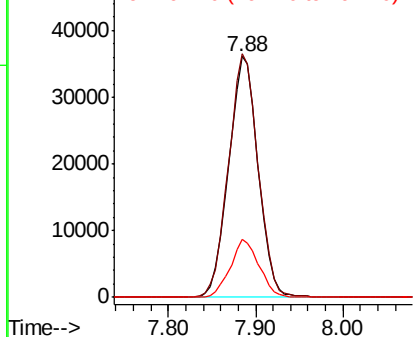
#35
 Dibromofluoromethane
 Concen: 45.488 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006607.D
 Acq: 02 Nov 2018 17:50

Instrument :
 MSVOA_W
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:113 Resp: 84423
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 23.3 19.0 28.6

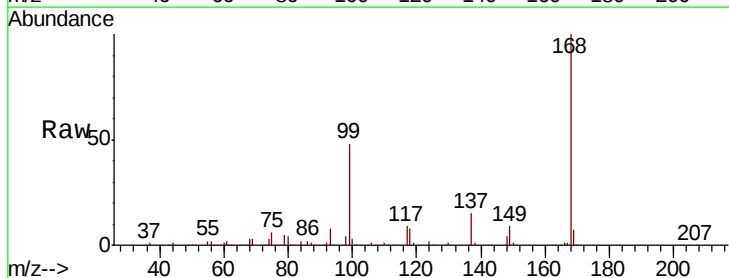


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

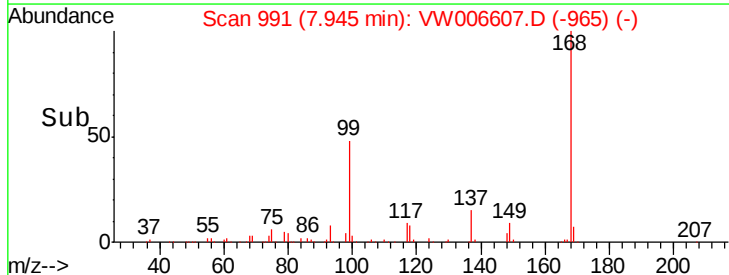
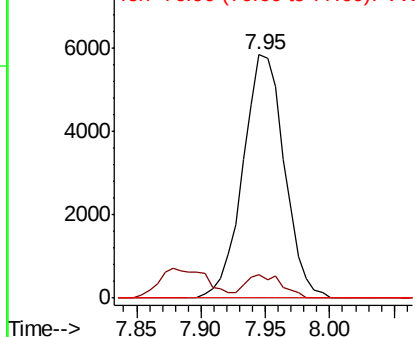


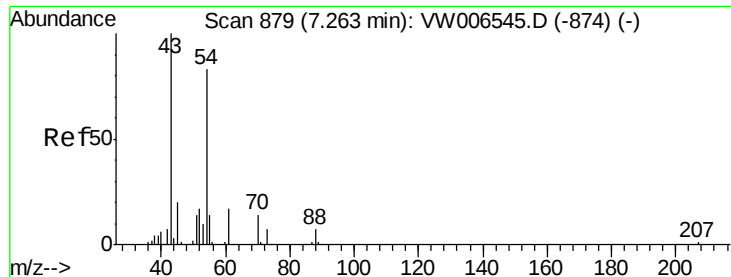
#36
 1,1-Dichloropropene
 Concen: 4.997 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006607.D
 Acq: 02 Nov 2018 17:50

Tgt Ion: 75 Resp: 12995
 Ion Ratio Lower Upper
 75 100
 110 8.6 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

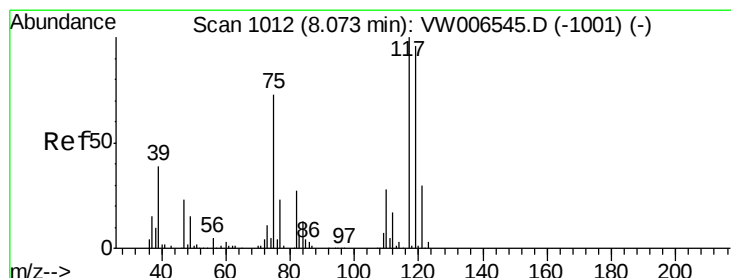
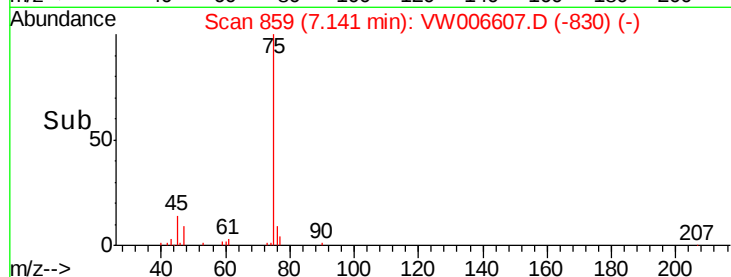
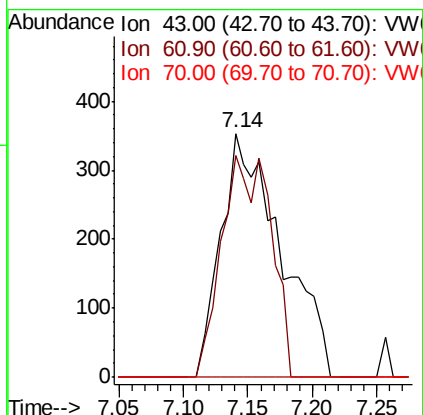
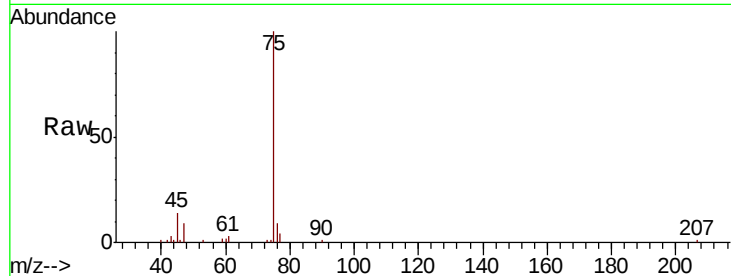




#37
Ethyl Acetate
Concen: 1.265 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.12 min
Lab File: VW006607.D
Acq: 02 Nov 2018 17:50

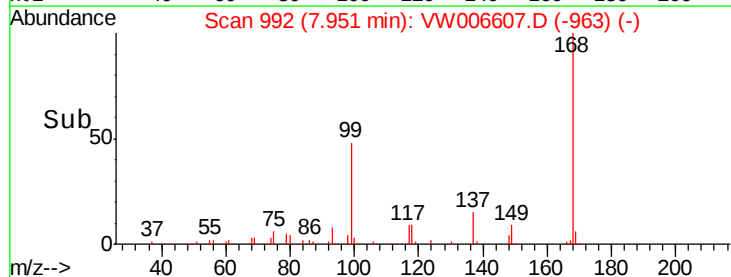
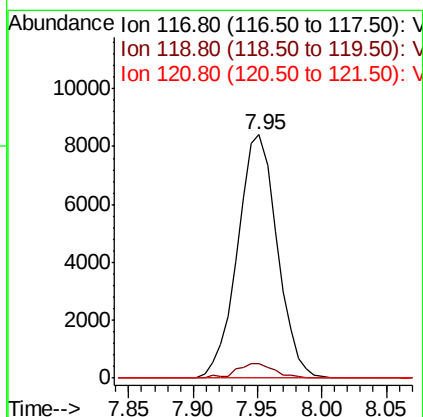
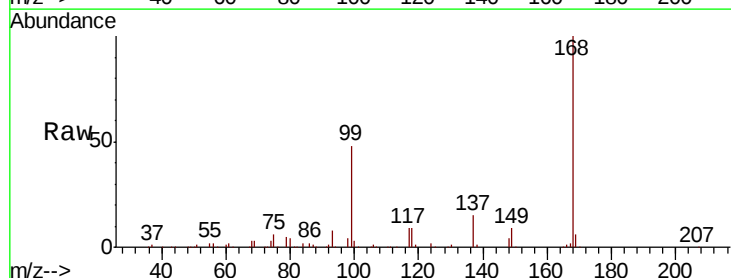
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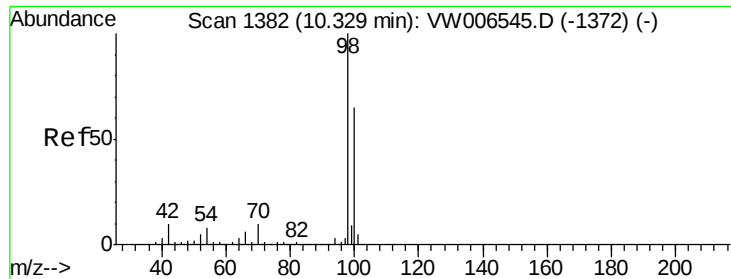
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
61 74.7 12.1 18.1#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 6.597 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006607.D
Acq: 02 Nov 2018 17:50

Tgt Ion: 117 Resp: 17927
Ion Ratio Lower Upper
117 100
119 6.0 76.3 114.5#
121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 37.830 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006607.D

Acq: 02 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

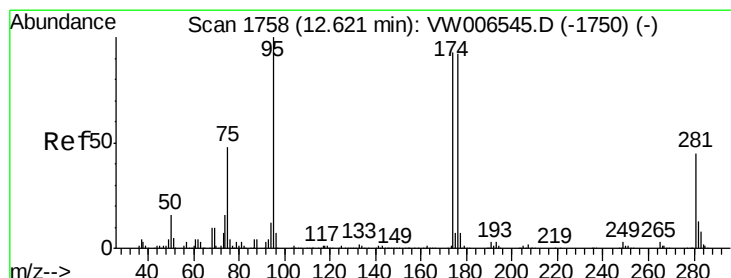
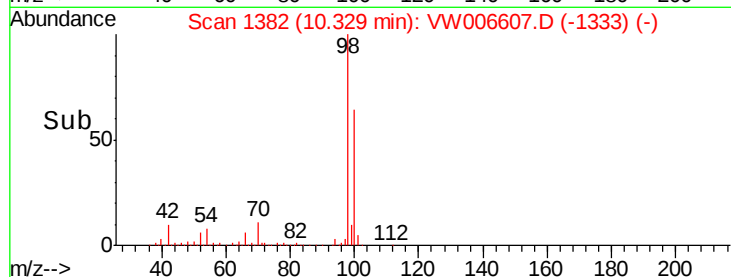
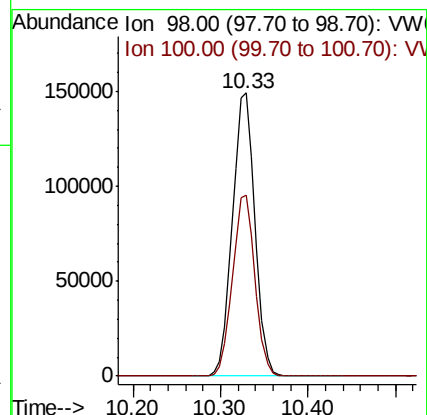
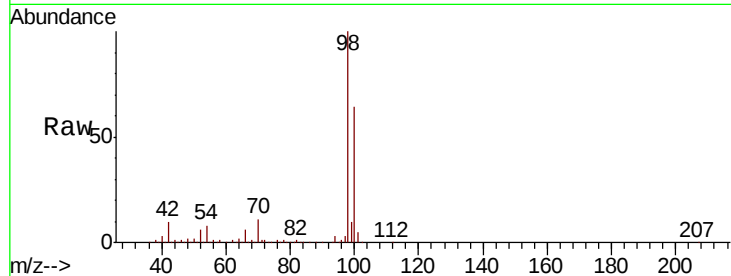
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 98 Resp: 267273

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.924 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006607.D

Acq: 02 Nov 2018 17:50

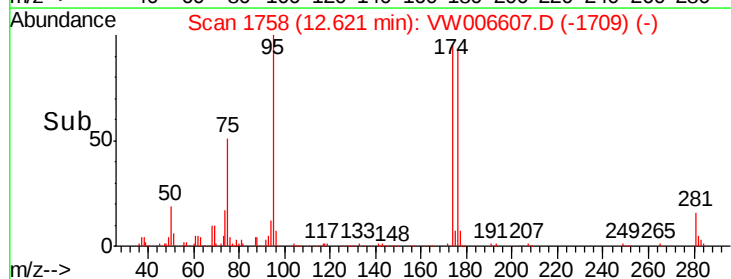
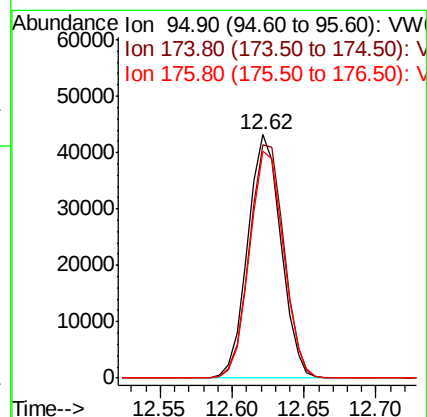
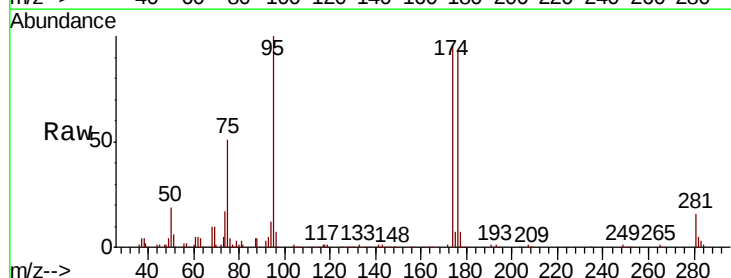
Tgt Ion: 95 Resp: 68964

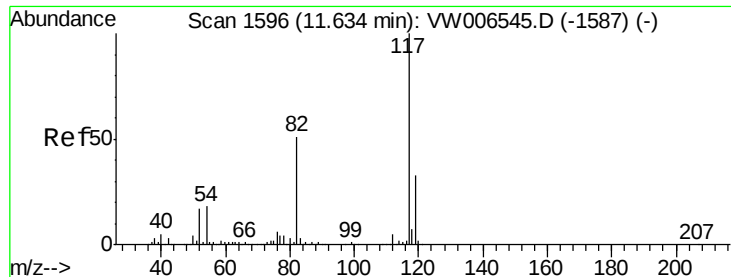
Ion Ratio Lower Upper

95 100

174 99.5 0.0 192.4

176 95.2 0.0 187.4

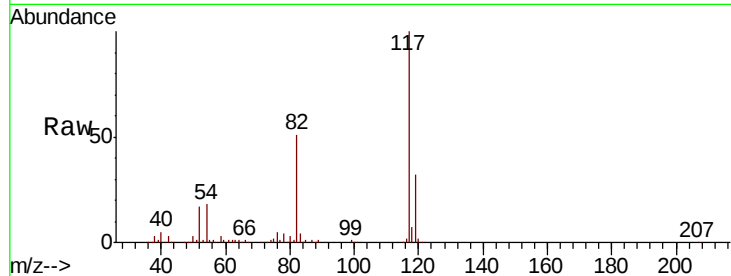




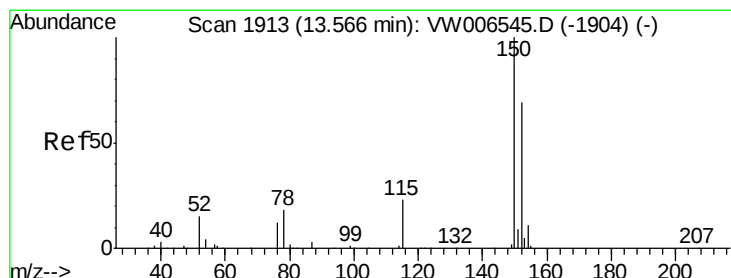
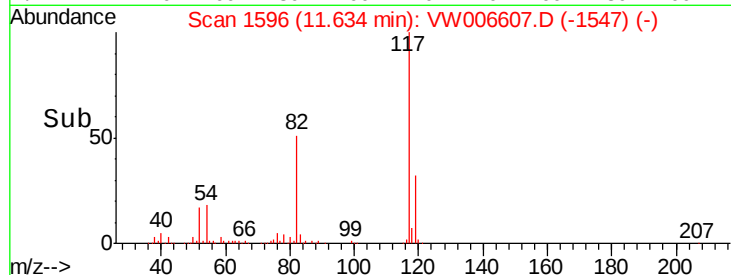
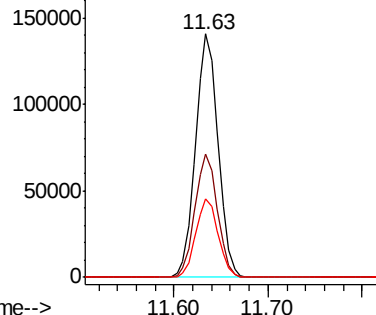
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006607.D
Acq: 02 Nov 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:117 Resp: 233261
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.2 26.1 39.1

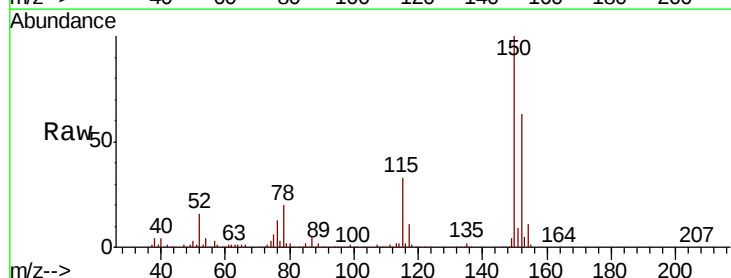


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

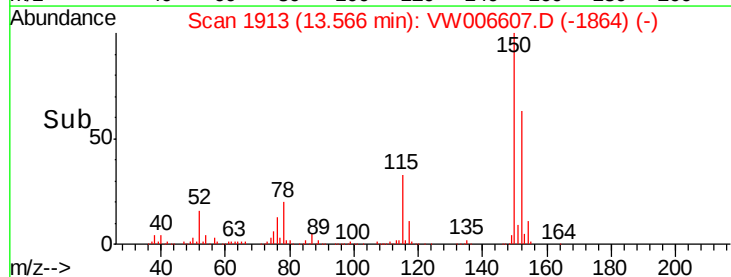
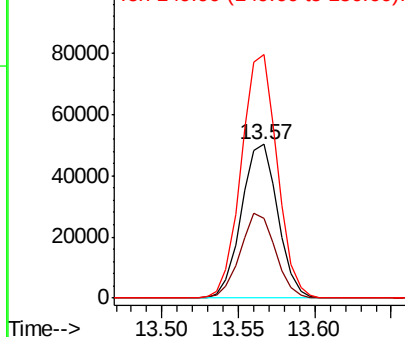


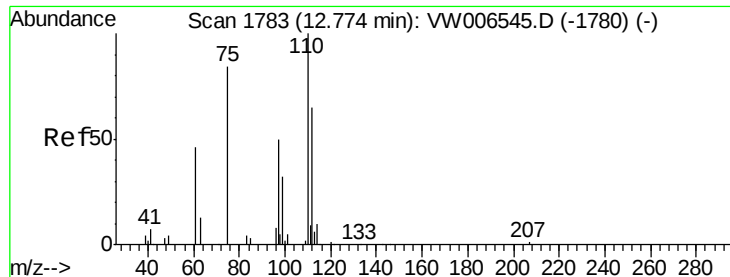
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006607.D
Acq: 02 Nov 2018 17:50

Tgt Ion:152 Resp: 82994
Ion Ratio Lower Upper
152 100
115 53.6 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: 53.643 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006607.D

Acq: 02 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

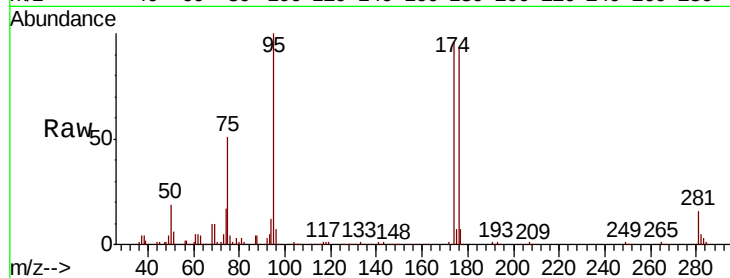
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 75 Resp: 34736

Ion Ratio Lower Upper

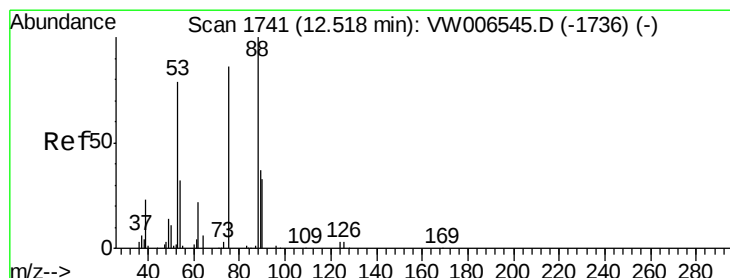
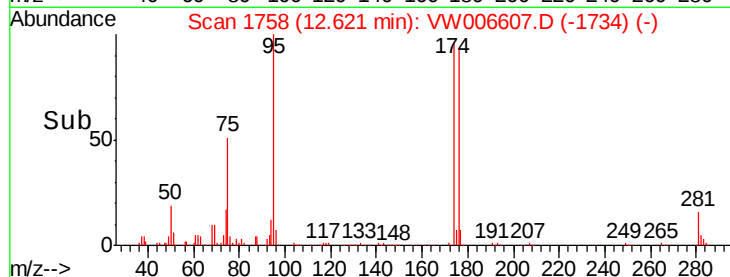
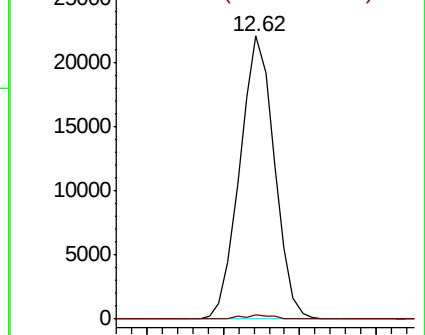
75 100

77 1.4 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: 134.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006607.D

Acq: 02 Nov 2018 17:50

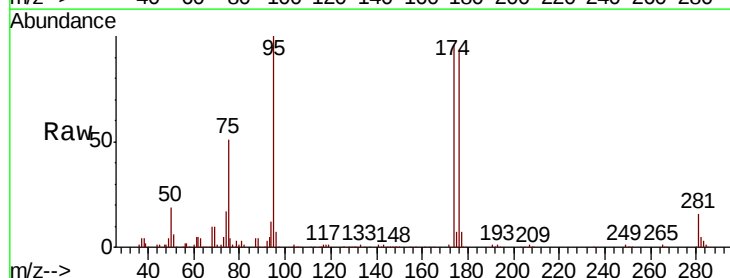
Tgt Ion: 75 Resp: 34736

Ion Ratio Lower Upper

75 100

53 0.0 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

