

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006589.D
 Acq On : 02 Nov 2018 05:54
 Operator : SY/AP
 Sample : J5737-01RE
 Misc : 6.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Quant Time: Nov 02 08:00:28 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

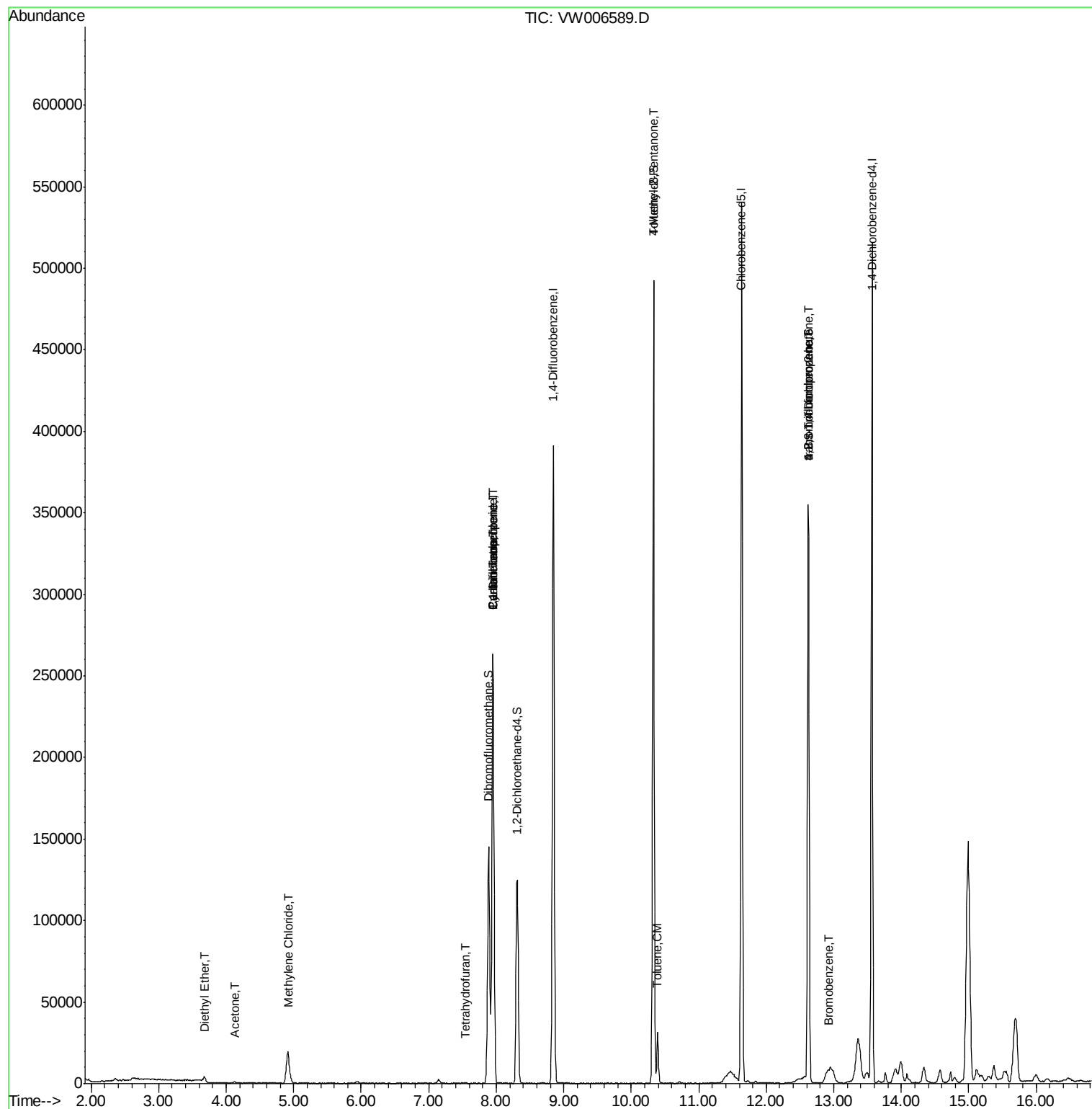
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98999	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	7.89	113	103137	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	10.33	98	338938	39.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.32%	
62) 4-Bromofluorobenzene	12.62	95	107150	34.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.18%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2173	2.316	ug/l	90
16) Acetone	4.12	43	1441	4.784	ug/l #	77
20) Methylene Chloride	4.92	84	16739	2.955	ug/l	97
29) Tetrahydrofuran	7.54	42	279	1.032	ug/l #	35
31) Cyclohexane	7.95	56	3598	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13907	4.421	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18964	5.770	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1235	1.105	ug/l #	1
52) Toluene	10.39	92	13040	2.176	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	53612	47.591	ug/l #	100
77) Bromobenzene	12.91	156	7944	3.226	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	53612	119.348	ug/l #	11

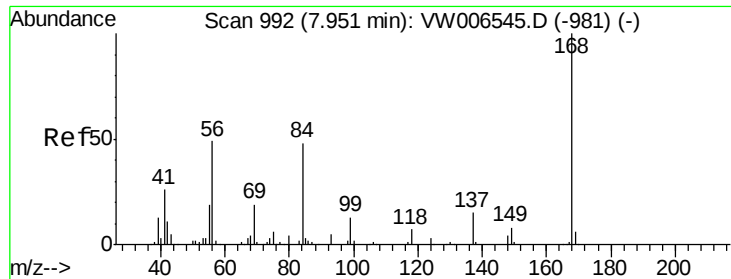
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
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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: VW006589.D

Acq: 02 Nov 2018 05:54

Instrument :

MSVOA_W

ClientSampleId :

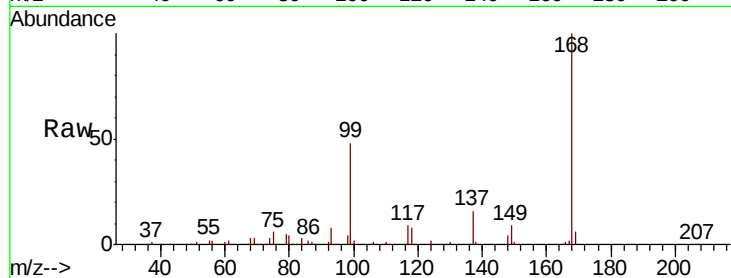
TP-A

Tgt Ion:168 Resp: 217024

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

80000

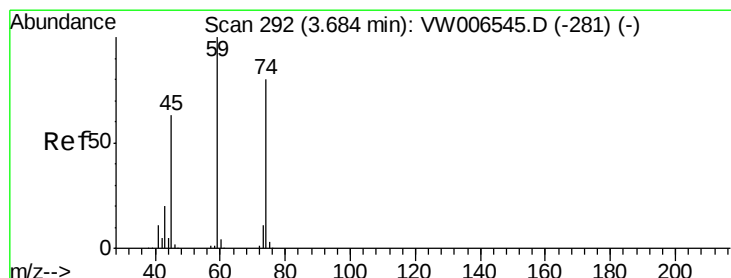
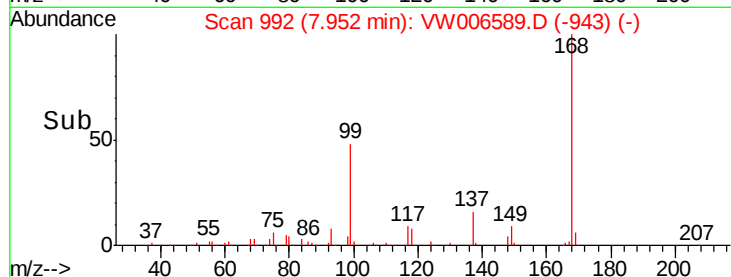
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.316 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006589.D

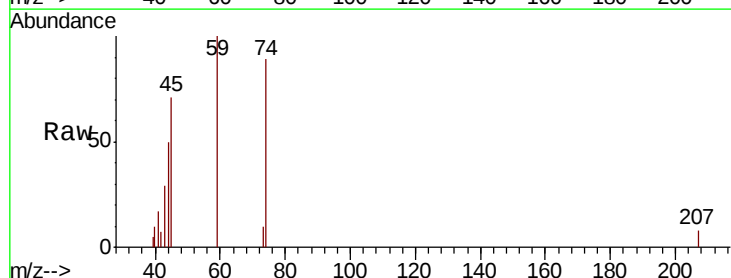
Acq: 02 Nov 2018 05:54

Tgt Ion: 74 Resp: 2173

Ion Ratio Lower Upper

74 100

45 91.3 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

800

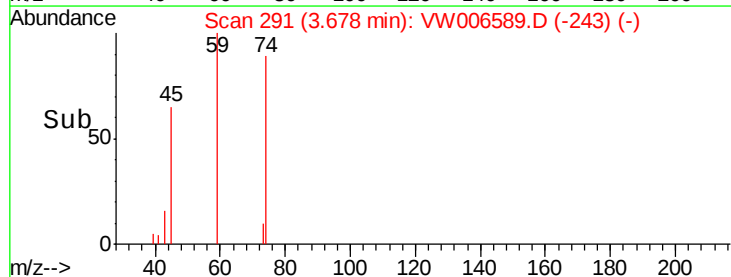
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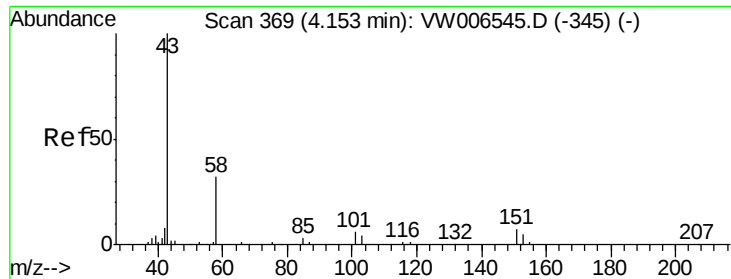
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200

0

Time-->

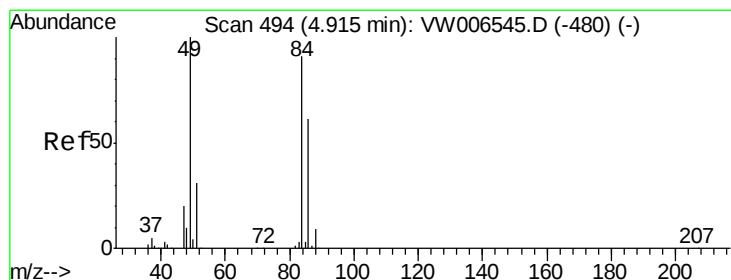
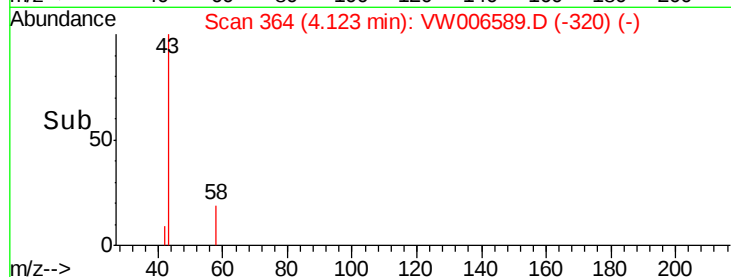
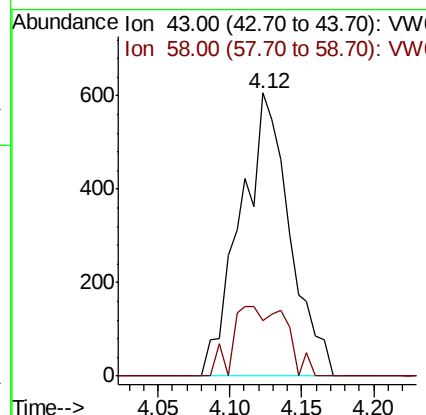
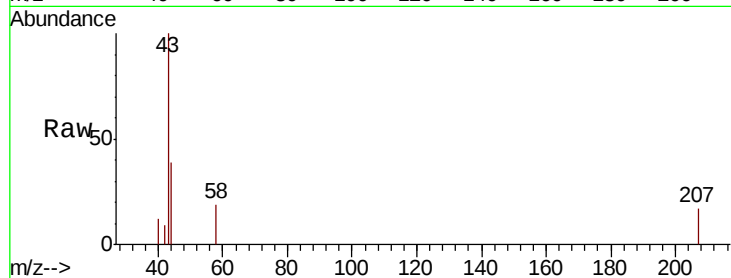




#16
Acetone
Concen: 4.784 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

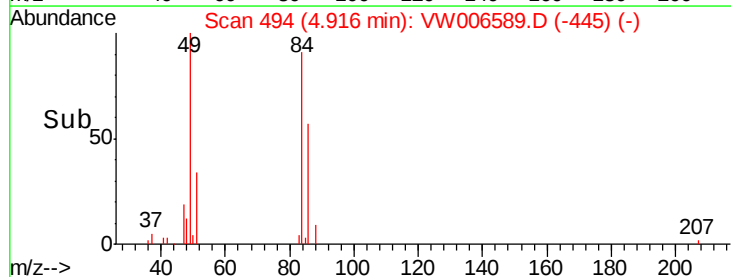
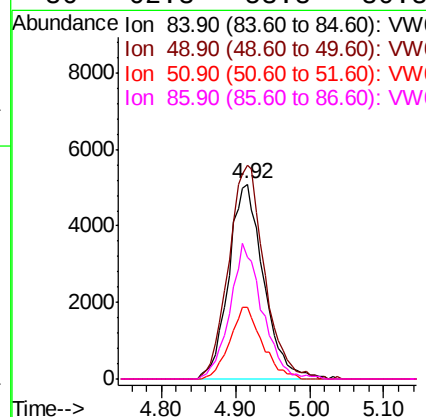
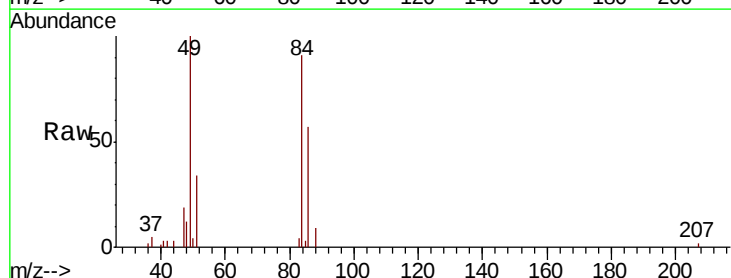
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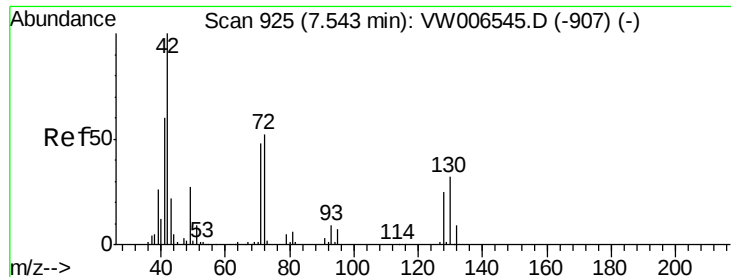
Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 19.5 25.8 38.8#



#20
Methylene Chloride
Concen: 2.955 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Tgt Ion: 84 Resp: 16739
Ion Ratio Lower Upper
84 100
49 109.6 88.2 132.4
51 36.9 27.0 40.6
86 62.3 53.8 80.8

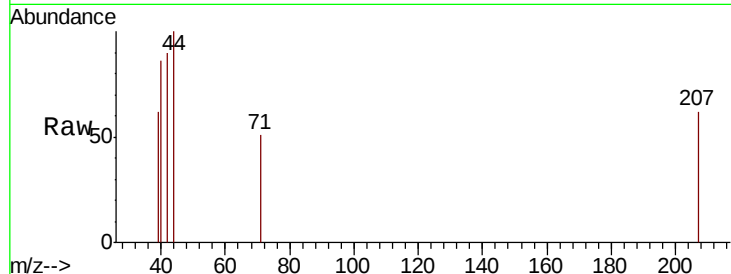




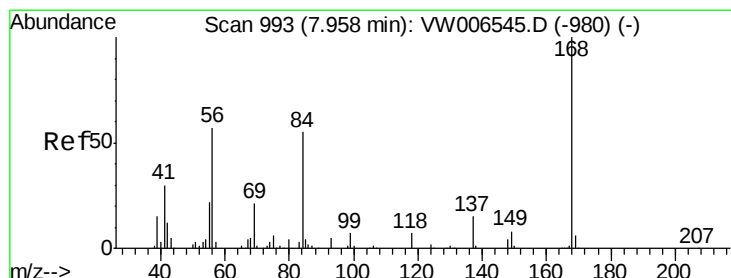
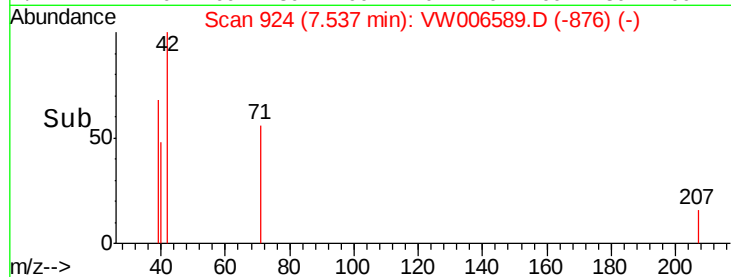
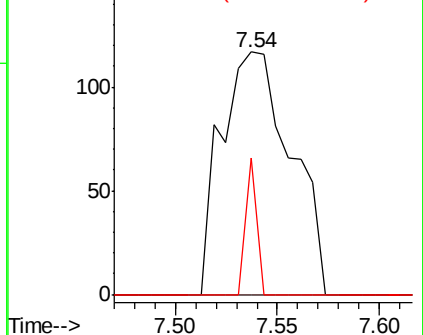
#29
Tetrahydrofuran
Concen: 1.032 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Instrument :
MSVOA_W
ClientSampleId :
TP-A

Tgt Ion: 42 Resp: 279
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 8.6 37.6 56.4#

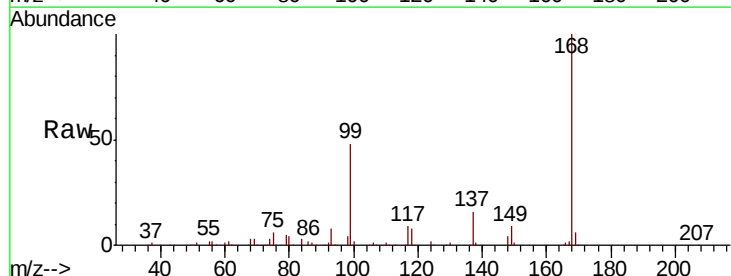


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

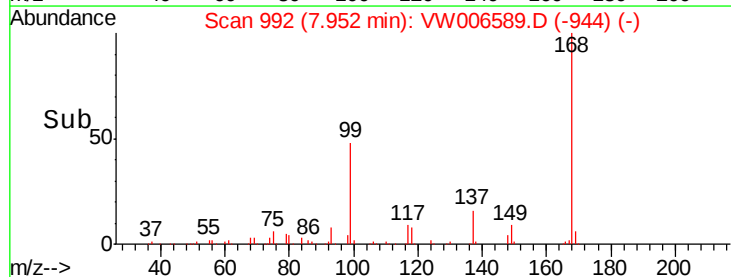
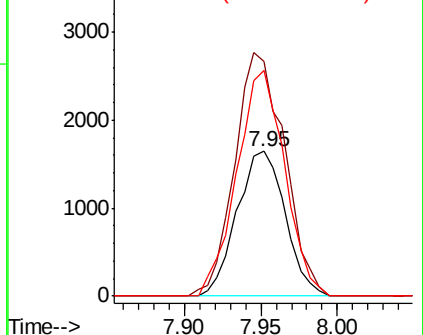


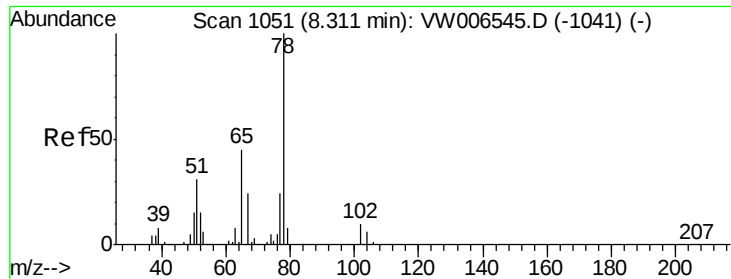
#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Tgt Ion: 56 Resp: 3598
Ion Ratio Lower Upper
56 100
69 161.9 29.0 43.4#
84 155.5 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

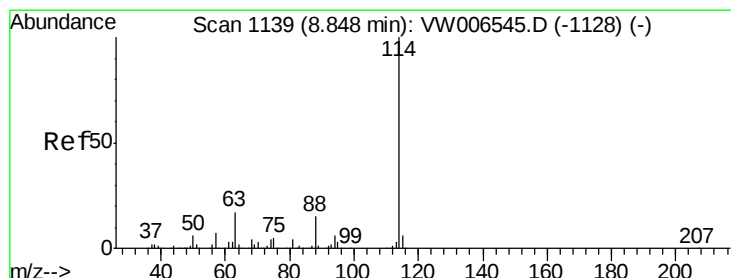
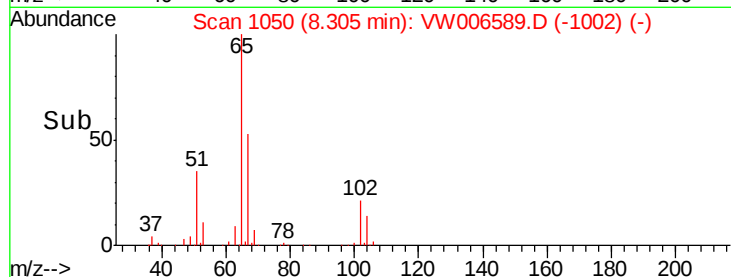
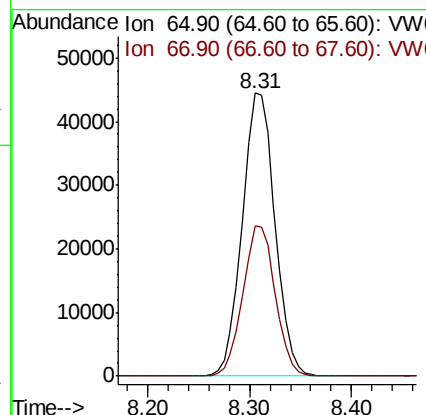
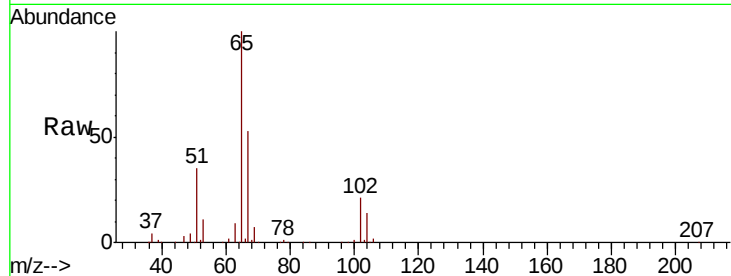




#33
 1,2-Dichloroethane-d4
 Concen: 53.068 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006589.D
 Acq: 02 Nov 2018 05:54

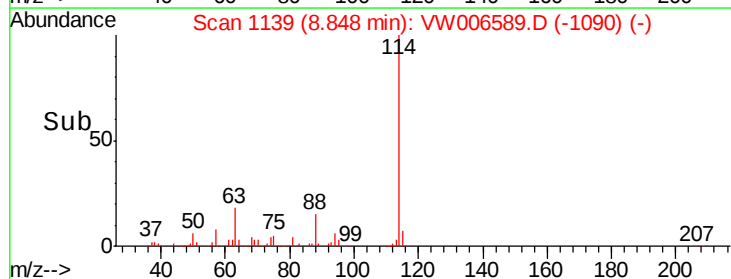
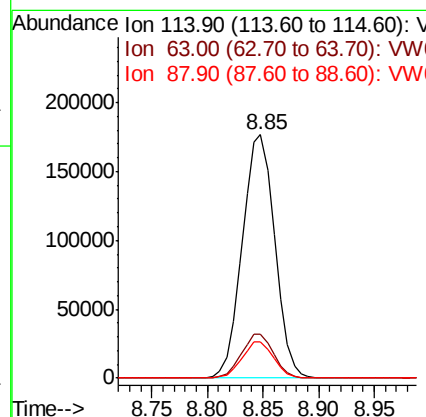
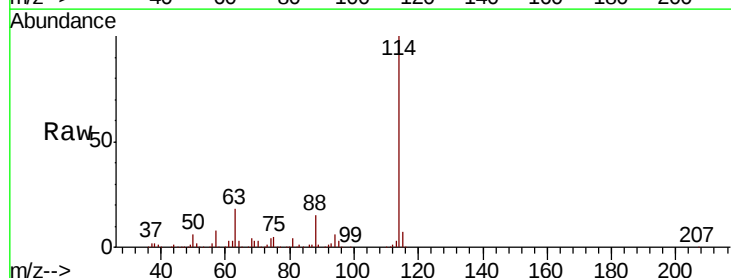
Instrument :
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 ClientSampleId :
 TP-A

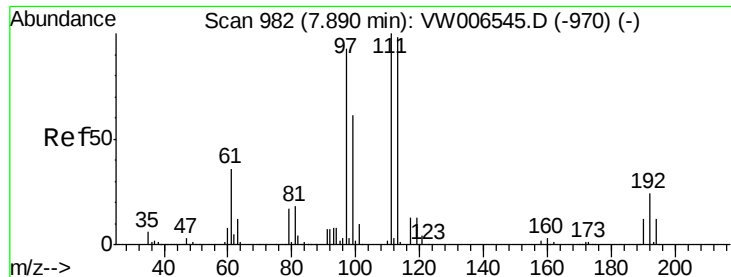
Tgt Ion: 65 Resp: 98999
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006589.D
 Acq: 02 Nov 2018 05:54

Tgt Ion: 114 Resp: 357688
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.4
 88 14.9 0.0 29.0

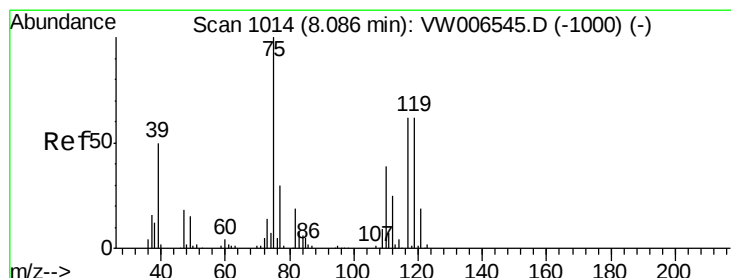
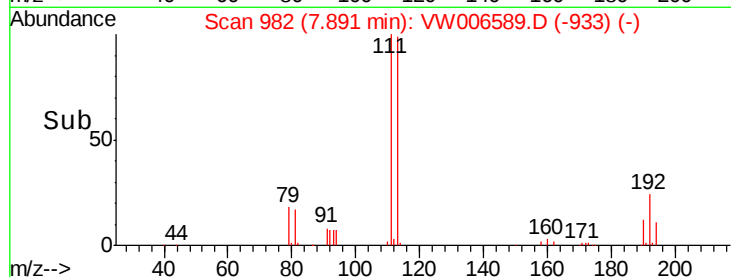
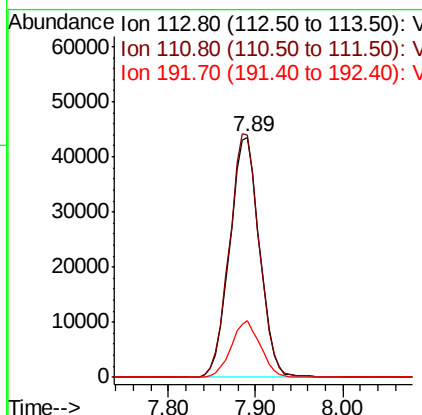
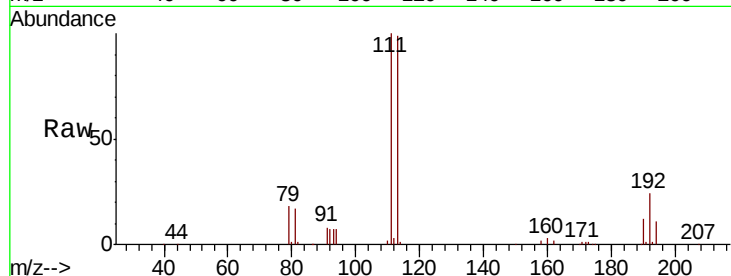




#35
Dibromofluoromethane
Concen: 45.945 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

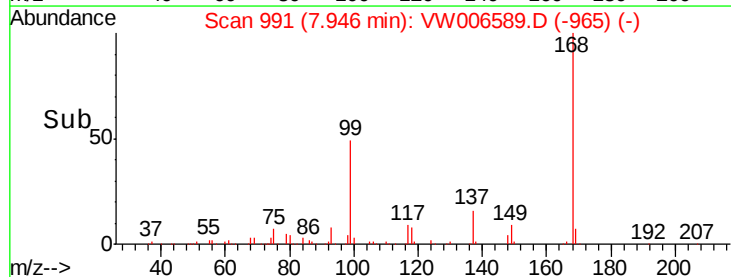
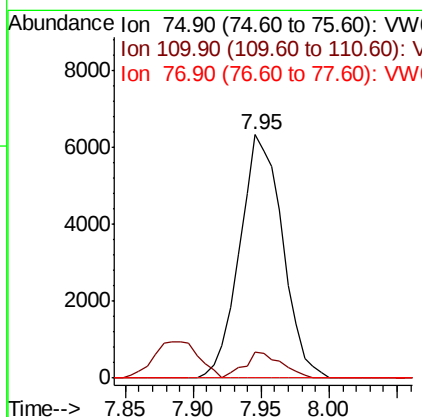
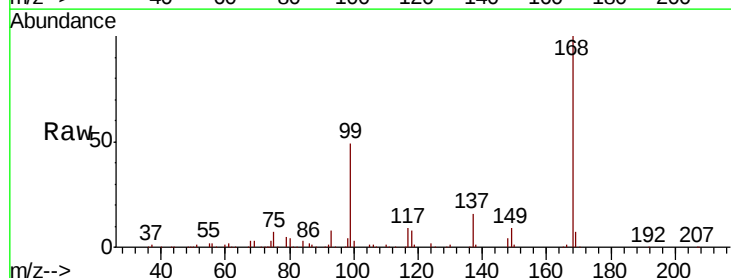
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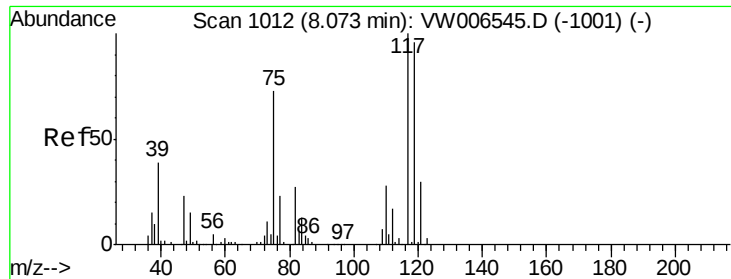
Tgt Ion:113 Resp: 103137
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 23.0 19.0 28.6



#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Tgt Ion: 75 Resp: 13907
Ion Ratio Lower Upper
75 100
110 9.2 19.5 58.5#
77 0.0 24.6 37.0#

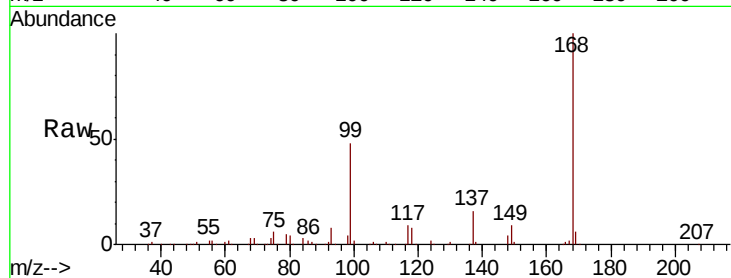




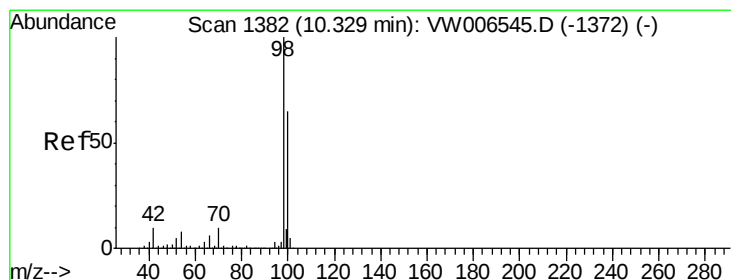
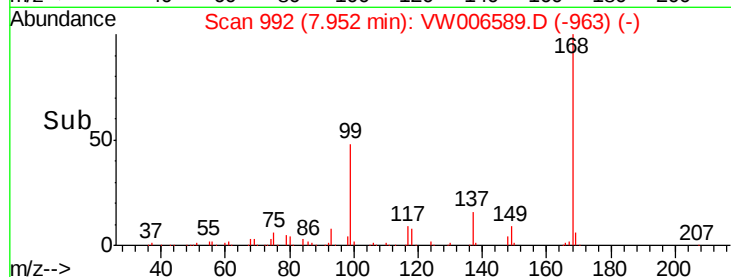
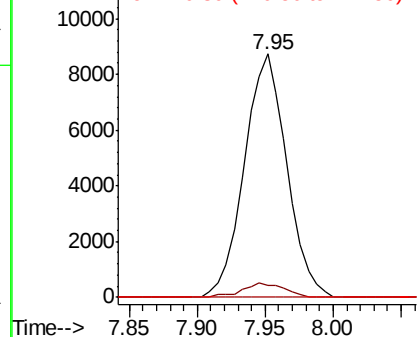
#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Instrument :
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ClientSampleId :
TP-A

Tgt Ion:117 Resp: 18964
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 24.1 36.1#

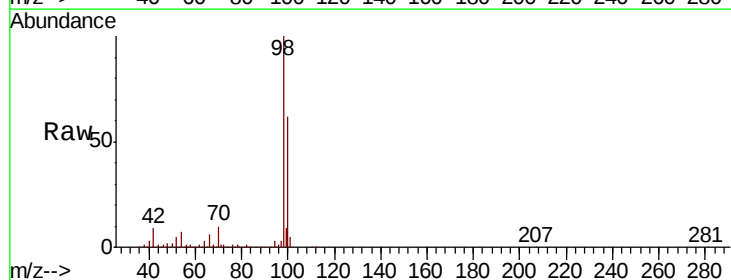


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

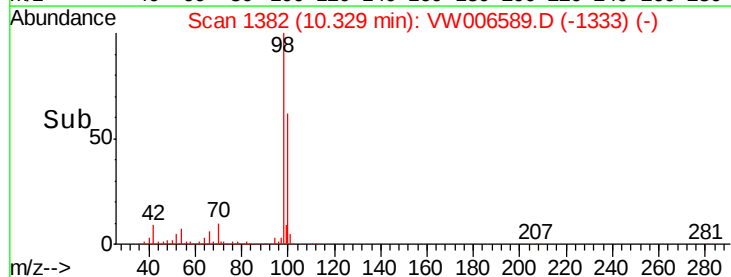
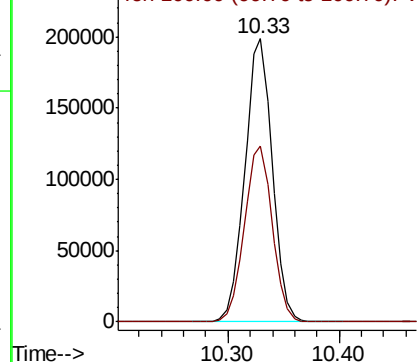


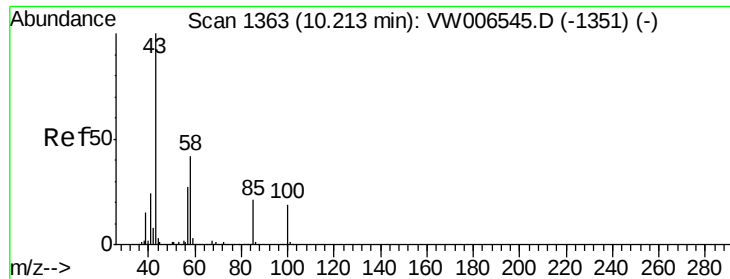
#50
Toluene-d8
Concen: 39.663 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Tgt Ion: 98 Resp: 338938
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



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

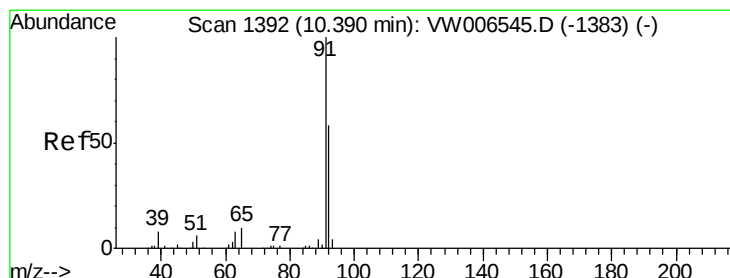
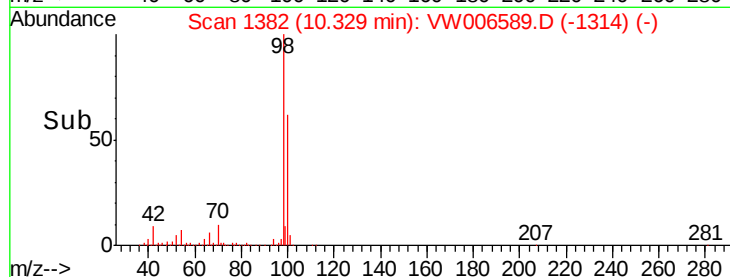
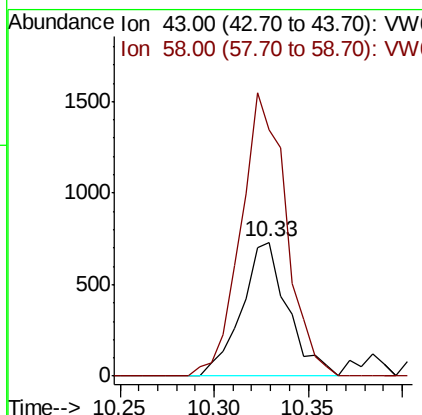
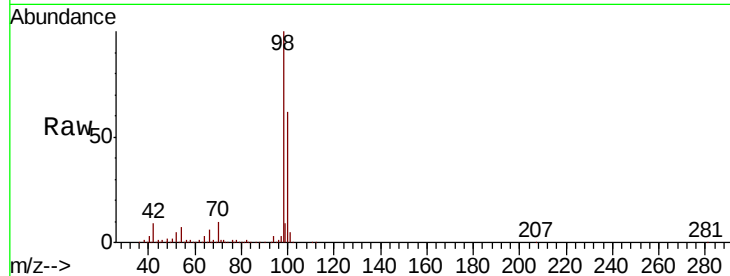




#51
 4-Methyl-2-Pentanone
 Concen: 1.105 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW006589.D
 Acq: 02 Nov 2018 05:54

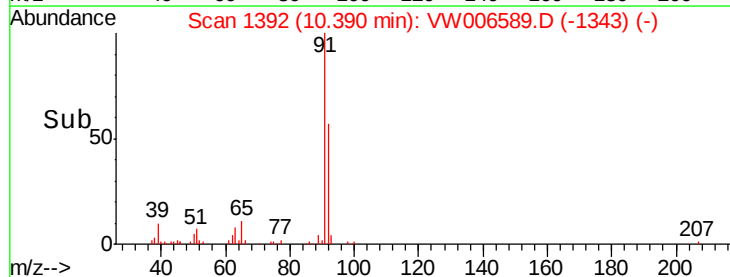
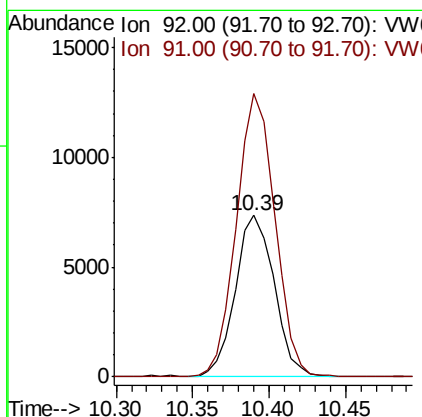
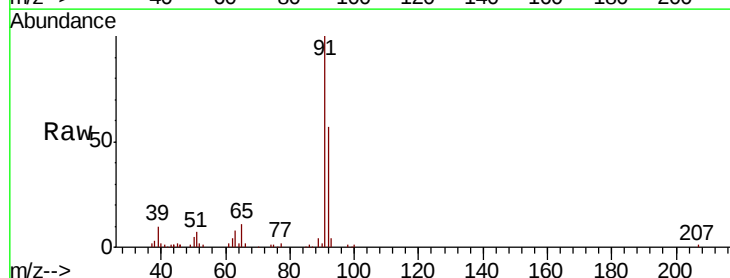
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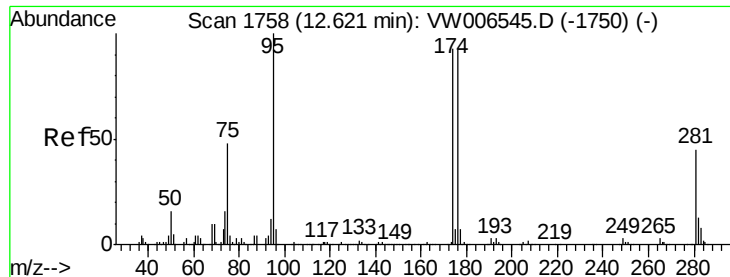
Tgt Ion: 43 Resp: 1235
 Ion Ratio Lower Upper
 43 100
 58 209.4 33.4 50.0#



#52
 Toluene
 Concen: 2.176 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006589.D
 Acq: 02 Nov 2018 05:54

Tgt Ion: 92 Resp: 13040
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.6 208.0

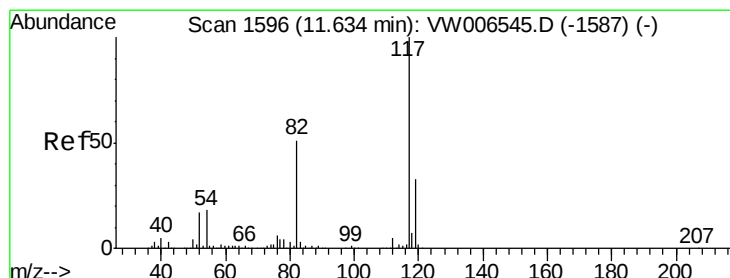
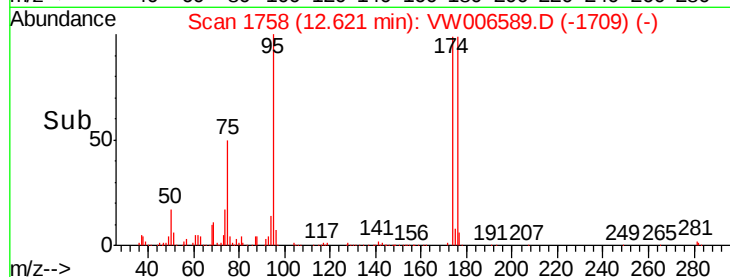
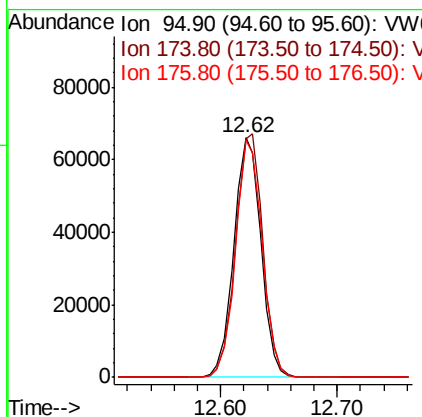
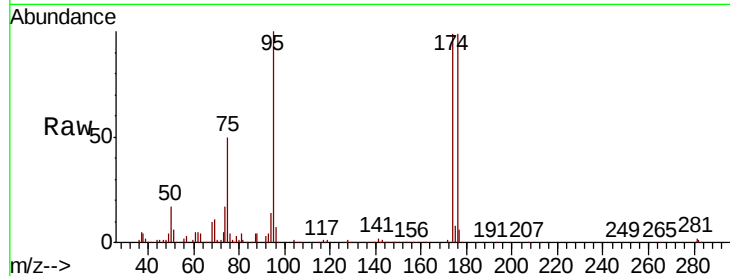




#62
4-Bromofluorobenzene
Concen: 34.586 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

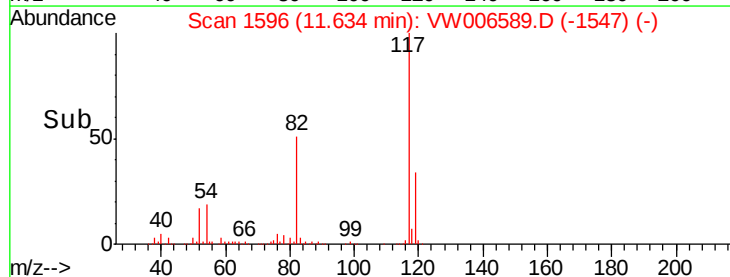
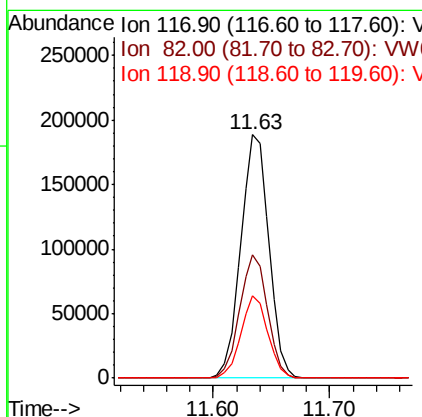
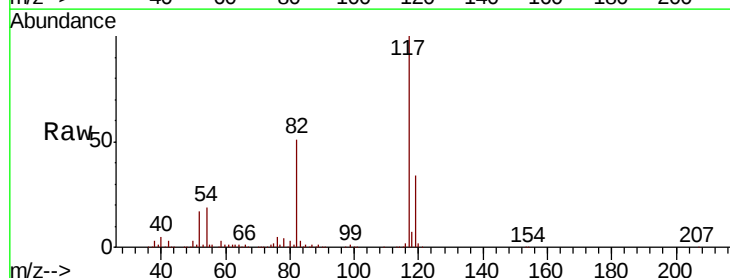
Instrument :
MSVOA_W
ClientSampleId :
TP-A

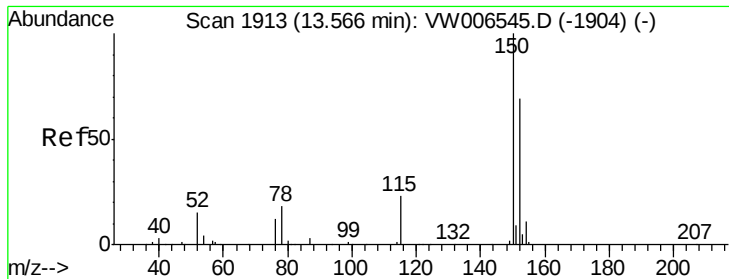
Tgt Ion: 95 Resp: 107150
Ion Ratio Lower Upper
95 100
174 102.2 0.0 192.4
176 97.3 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Tgt Ion: 117 Resp: 317988
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 33.6 26.1 39.1



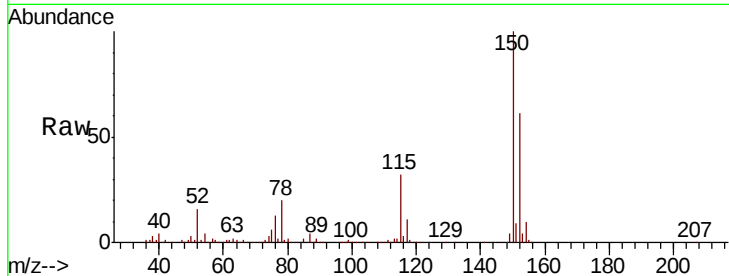


#72

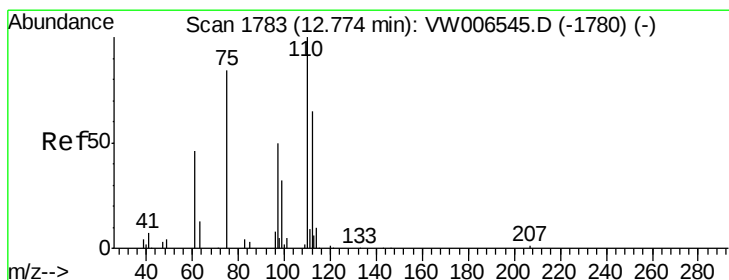
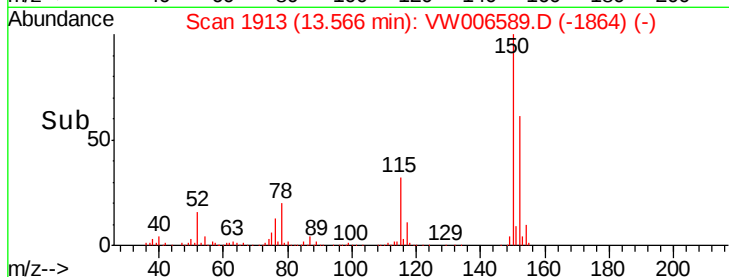
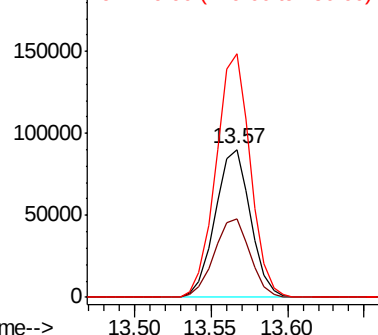
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Instrument :
MSVOA_W
ClientSampleId :
TP-A

Tgt Ion:152 Resp: 144384
Ion Ratio Lower Upper
152 100
115 54.0 26.6 79.8
150 160.0 0.0 344.6



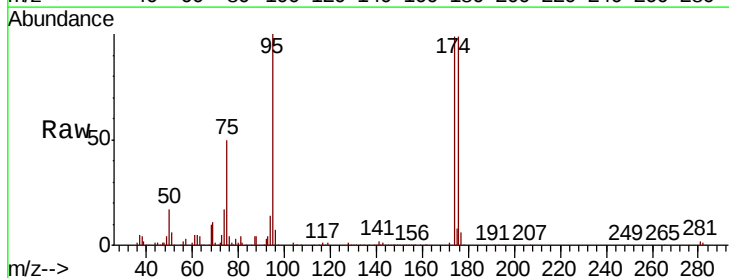
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



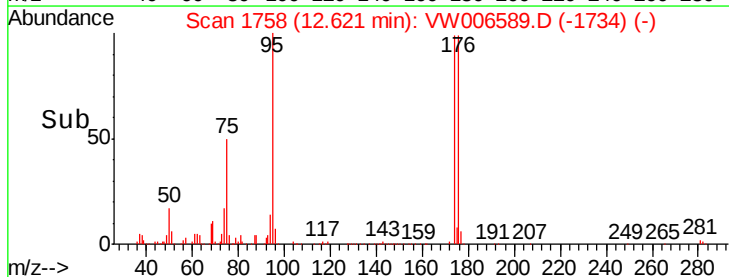
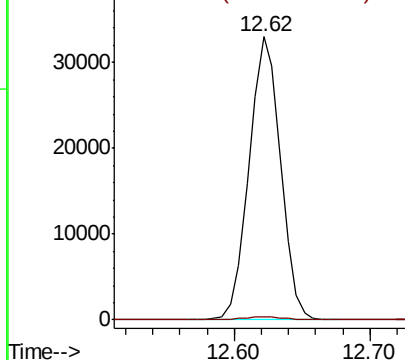
#76

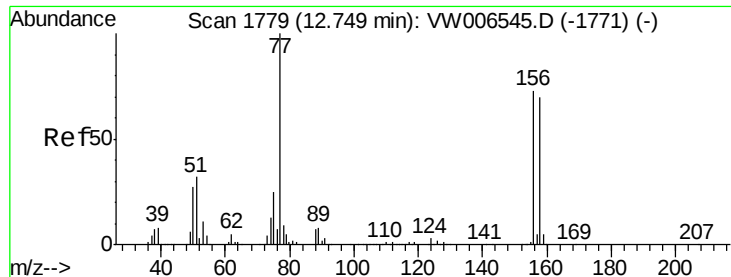
1,2,3-Trichloropropane
Concen: 47.591 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006589.D
Acq: 02 Nov 2018 05:54

Tgt Ion: 75 Resp: 53612
Ion Ratio Lower Upper
75 100
77 1.2 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: 3.226 ug/l

RT: 12.91 min Scan# 1806

Delta R.T. 0.16 min

Lab File: VW006589.D

Acq: 02 Nov 2018 05:54

Instrument :

MSVOA_W

ClientSampled :

TP-A

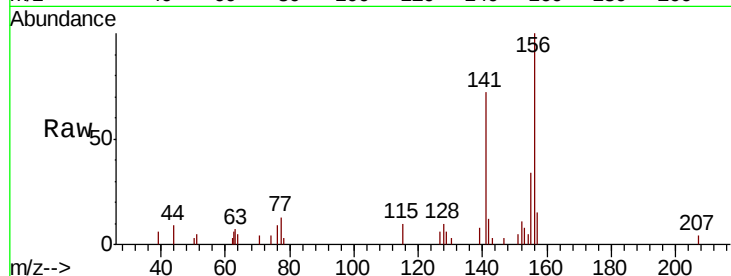
Tgt Ion:156 Resp: 7944

Ion Ratio Lower Upper

156 100

77 3.0 75.9 227.8#

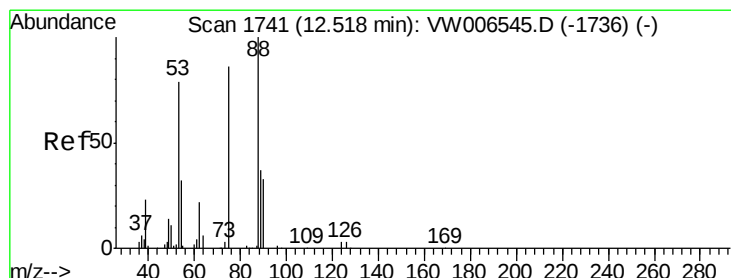
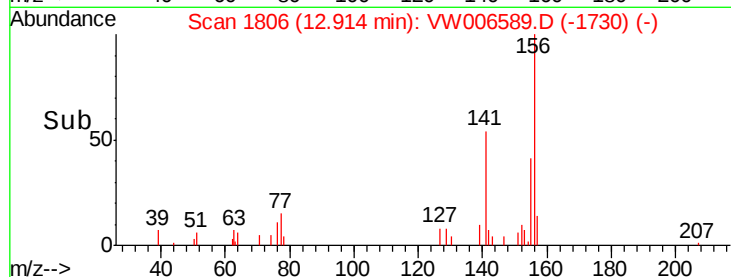
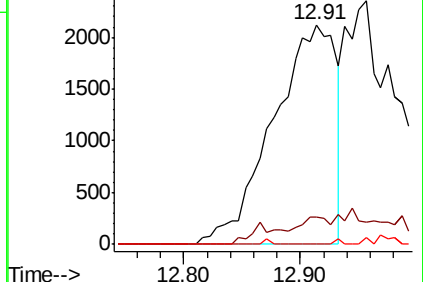
158 0.0 48.6 145.9#



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: 119.348 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006589.D

Acq: 02 Nov 2018 05:54

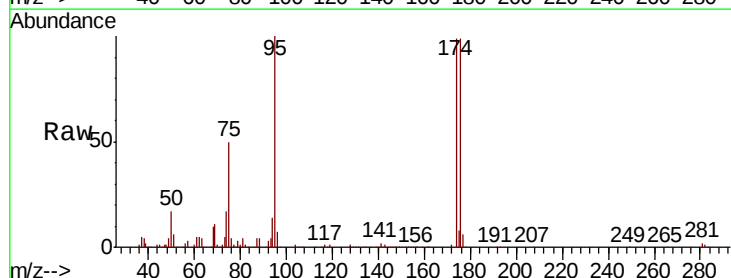
Tgt Ion: 75 Resp: 53612

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

