

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006663.D
 Acq On : 06 Nov 2018 04:36
 Operator : SY/AP
 Sample : J5764-13
 Misc : 6.56G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-G

Quant Time: Nov 06 05:36:58 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	198813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61456	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	79045	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
35) Dibromofluoromethane	7.88	113	81553	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
50) Toluene-d8	10.33	98	101943	15.05	ug/l	0.00
Spiked Amount			Recovery	=	30.10%	
62) 4-Bromofluorobenzene	12.62	95	53245	21.68	ug/l	0.00
Spiked Amount			Recovery	=	43.36%	

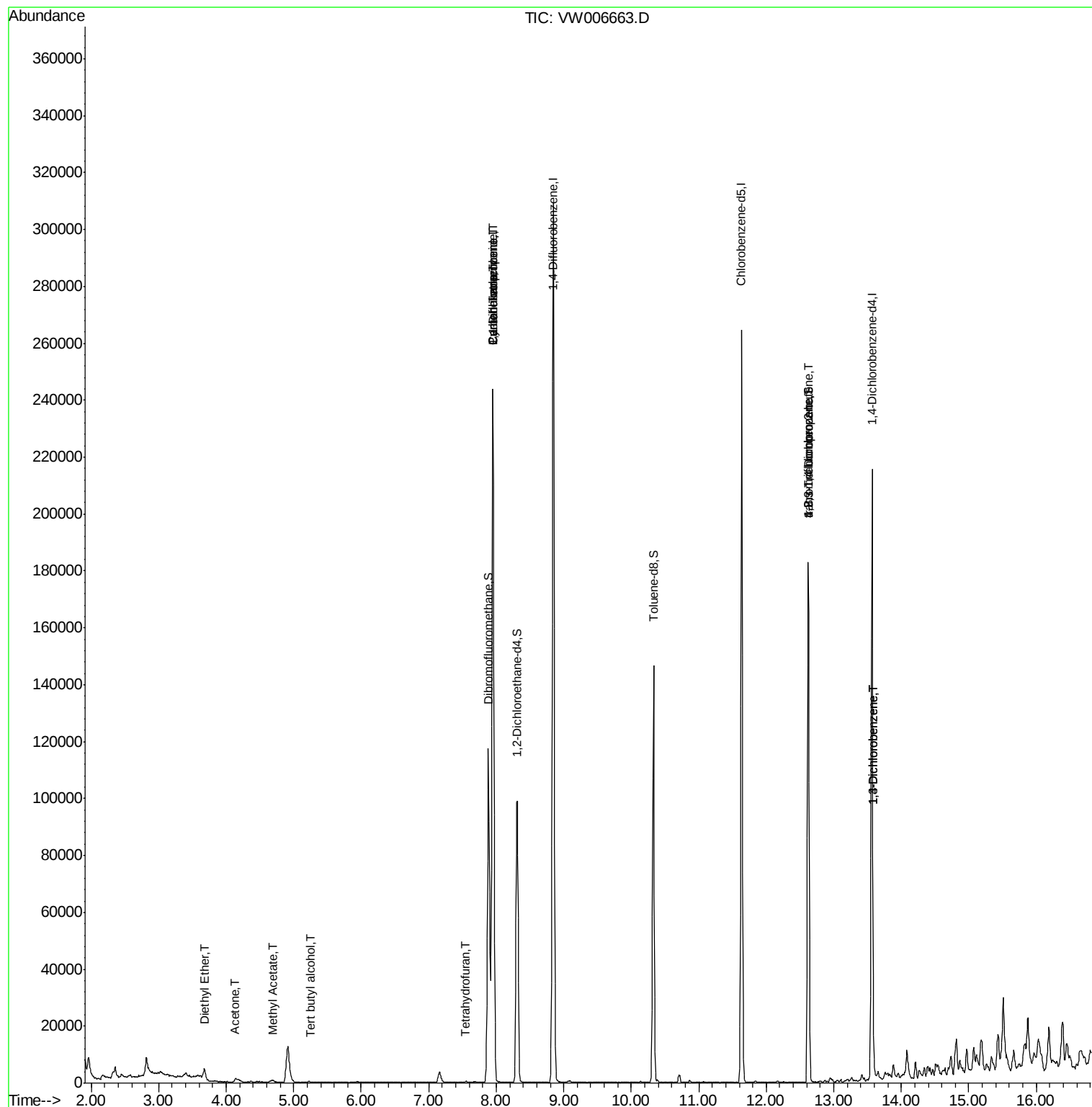
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2348	2.732	ug/l	68
11) Tert butyl alcohol	5.24	59	154	1.672	ug/l #	84
16) Acetone	4.14	43	2715	9.840	ug/l	96
18) Methyl Acetate	4.68	43	1551	1.955	ug/l	91
29) Tetrahydrofuran	7.54	42	289	1.167	ug/l #	76
31) Cyclohexane	7.95	56	3421	1.257	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	12322	4.941	ug/l #	47
38) Carbon Tetrachloride	7.95	117	17397	6.676	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	26398	55.054	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26398	137.647	ug/l #	11
87) 1,3-Dichlorobenzene	13.58	146	2996	1.451	ug/l #	78
88) 1,4-Dichlorobenzene	13.58	146	2996	1.464	ug/l #	78

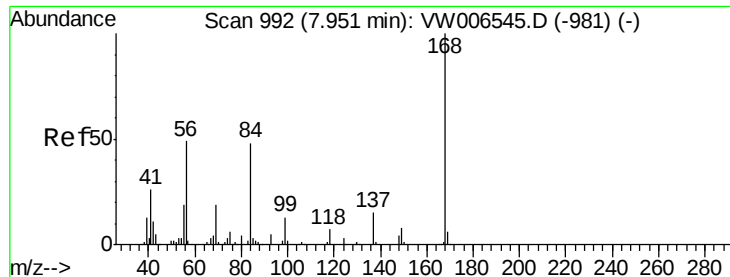
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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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: VW006663.D

Acq: 06 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

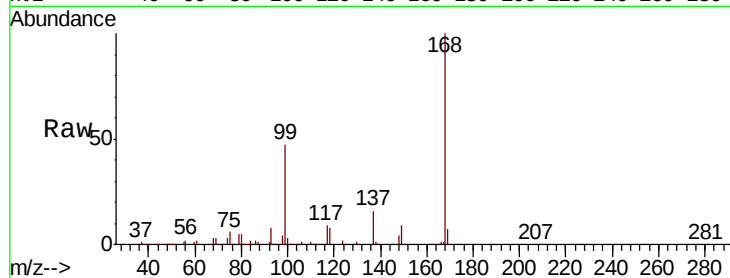
JC-03-110218-G

Tgt Ion:168 Resp: 198813

Ion Ratio Lower Upper

168 100

99 46.8 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

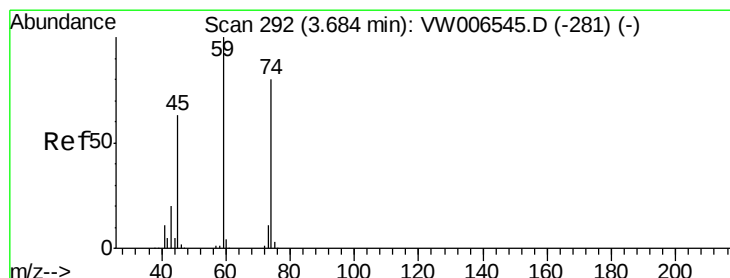
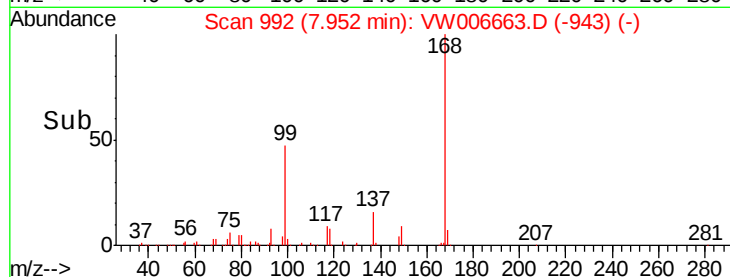
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.732 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006663.D

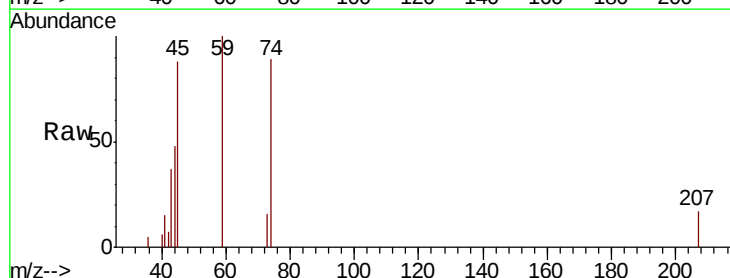
Acq: 06 Nov 2018 04:36

Tgt Ion: 74 Resp: 2348

Ion Ratio Lower Upper

74 100

45 111.4 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

1200

1000

800

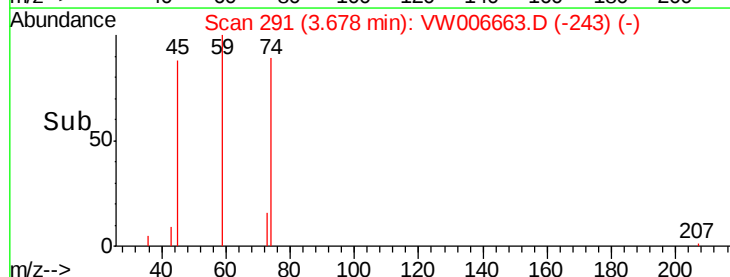
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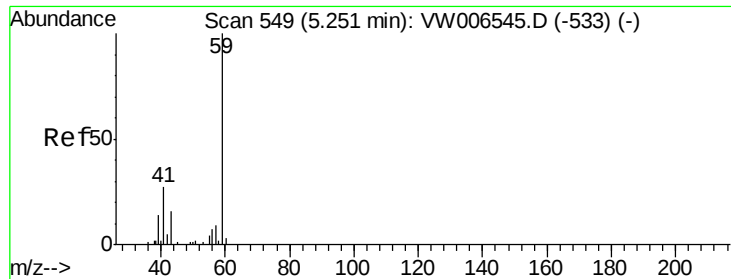
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200

0

Time-->

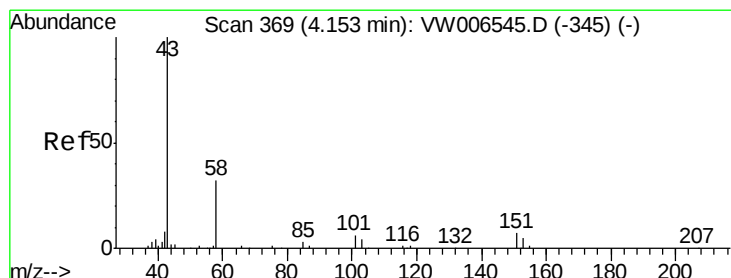
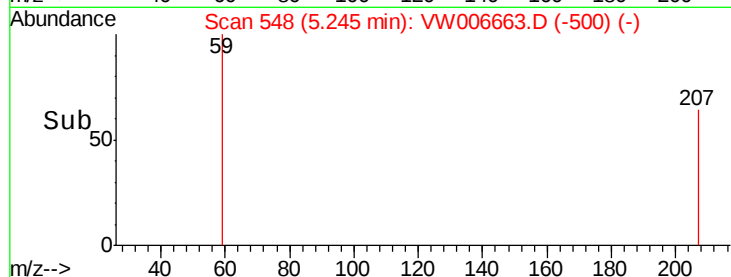
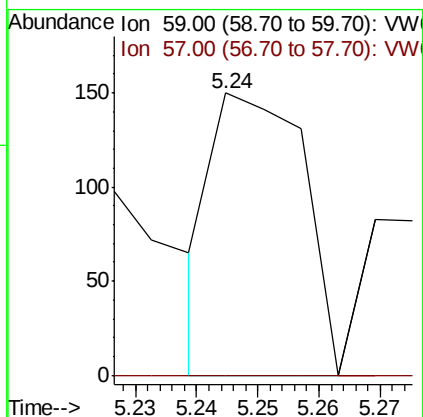
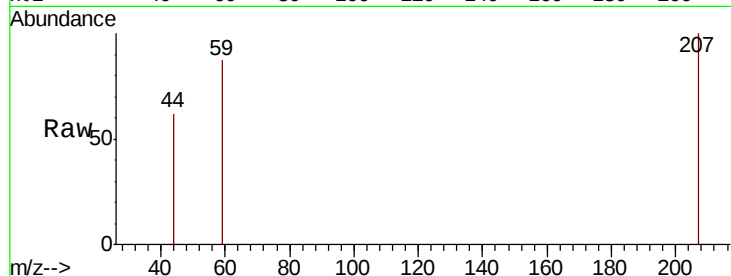




#11
Tert butyl alcohol
Concen: 1.672 ug/l
RT: 5.24 min Scan# 548
Delta R.T. -0.01 min
Lab File: VW006663.D
Acq: 06 Nov 2018 04:36

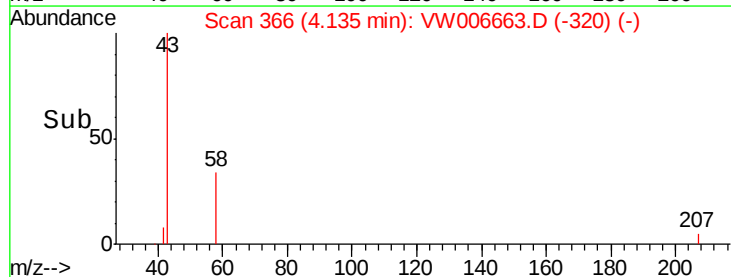
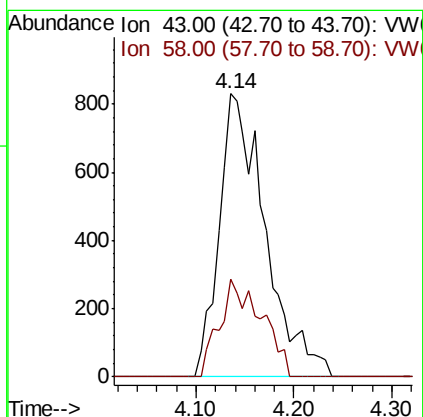
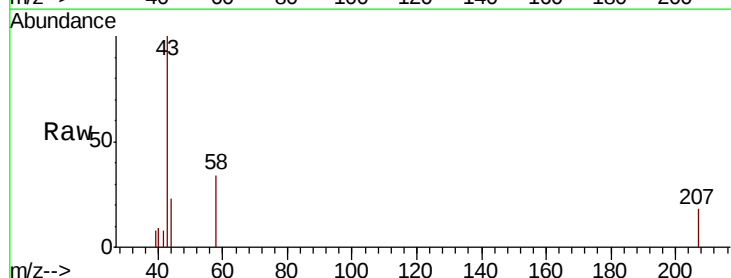
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-G

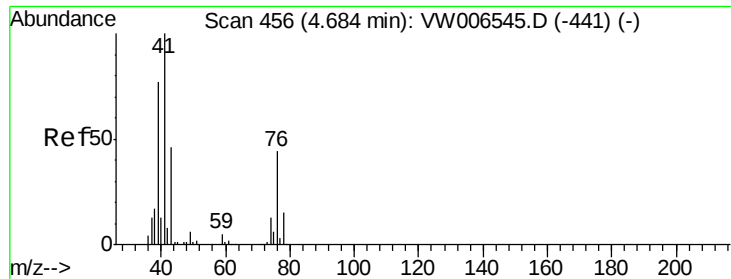
Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 9.840 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006663.D
Acq: 06 Nov 2018 04:36

Tgt Ion: 43 Resp: 2715
Ion Ratio Lower Upper
43 100
58 34.3 25.8 38.8

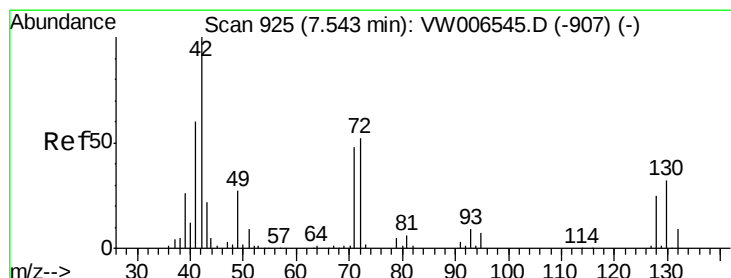
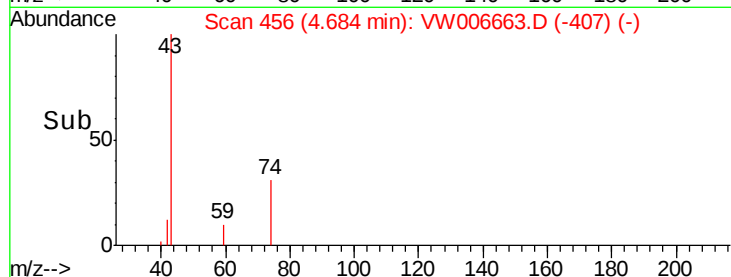
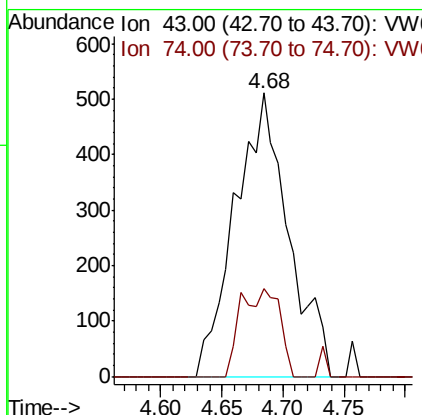
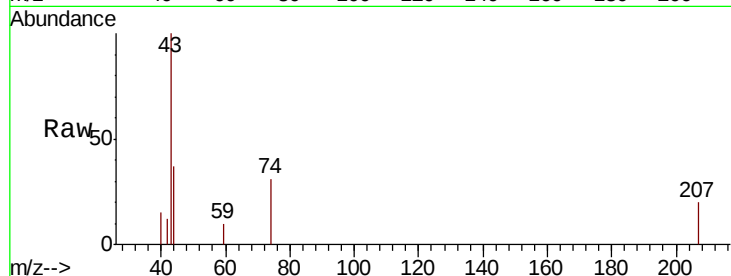




#18
Methyl Acetate
Concen: 1.955 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006663.D
Acq: 06 Nov 2018 04:36

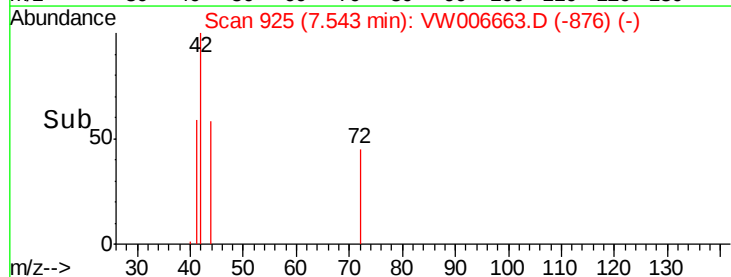
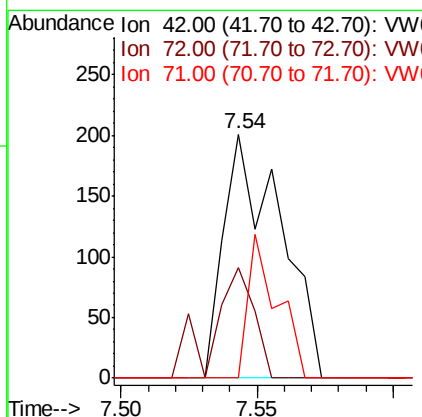
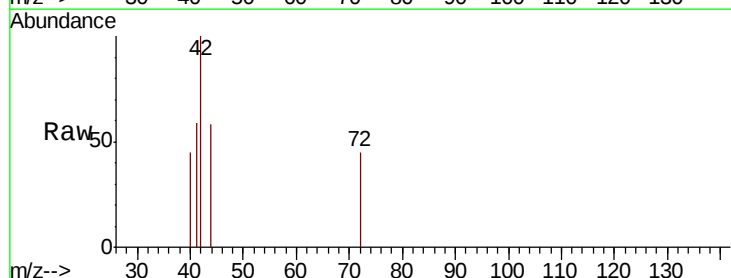
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-G

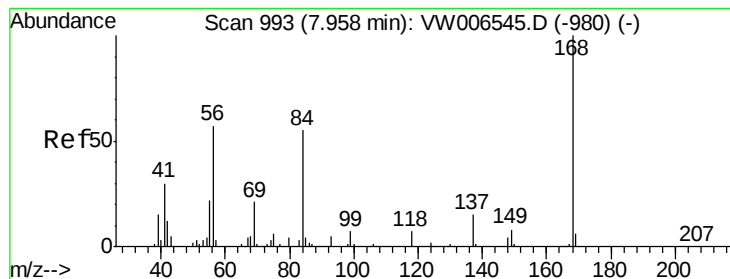
Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
74 22.6 21.9 32.9



#29
Tetrahydrofuran
Concen: 1.167 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006663.D
Acq: 06 Nov 2018 04:36

Tgt Ion: 42 Resp: 289
Ion Ratio Lower Upper
42 100
72 32.9 39.2 58.8#
71 30.4 37.6 56.4#





#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006663.D

Acq: 06 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-G

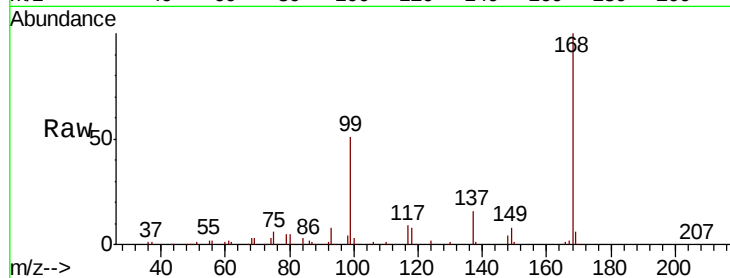
Tgt Ion: 56 Resp: 3421

Ion Ratio Lower Upper

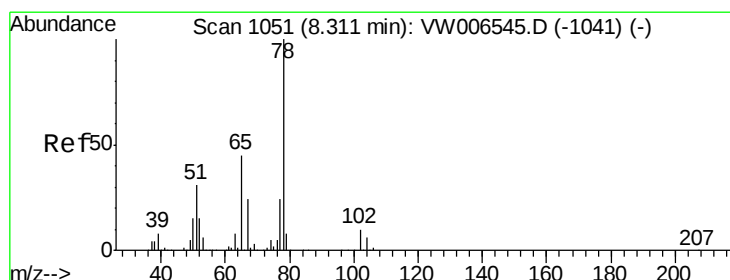
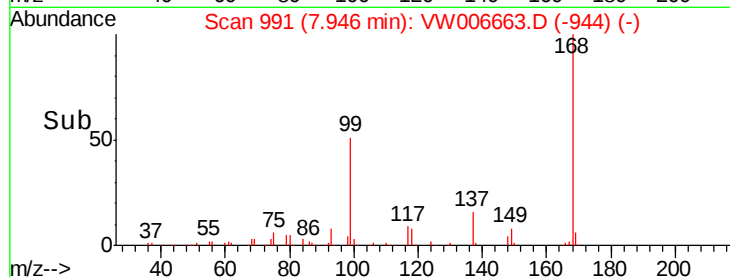
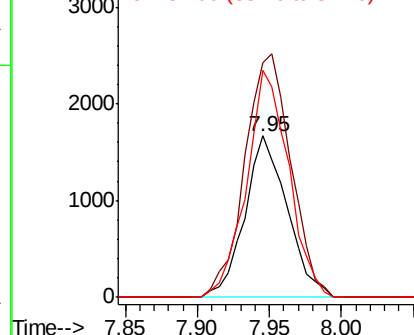
56 100

69 145.3 29.0 43.4#

84 140.7 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



#33

1,2-Dichloroethane-d4

Concen: 46.253 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006663.D

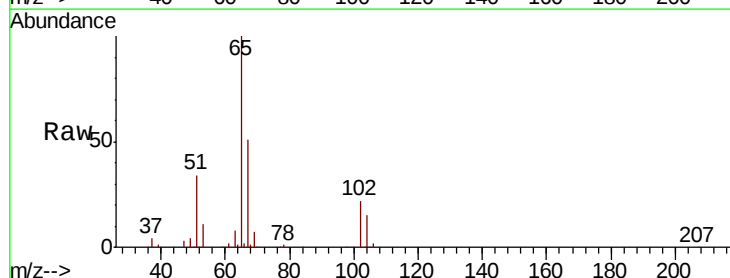
Acq: 06 Nov 2018 04:36

Tgt Ion: 65 Resp: 79045

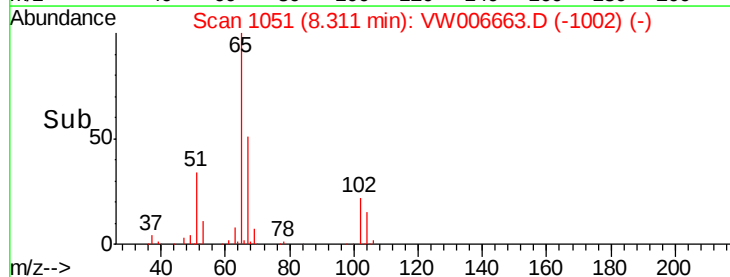
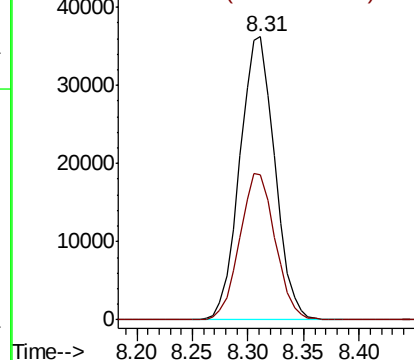
Ion Ratio Lower Upper

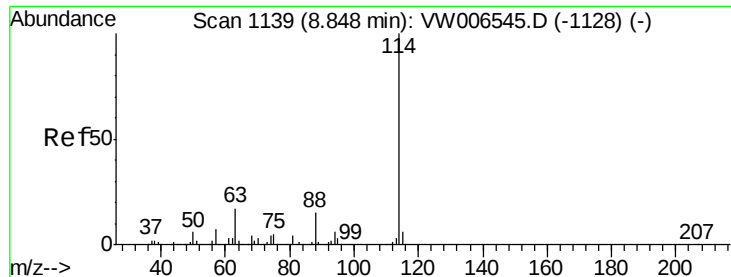
65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

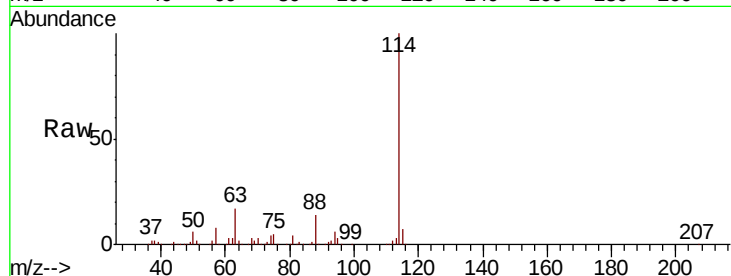




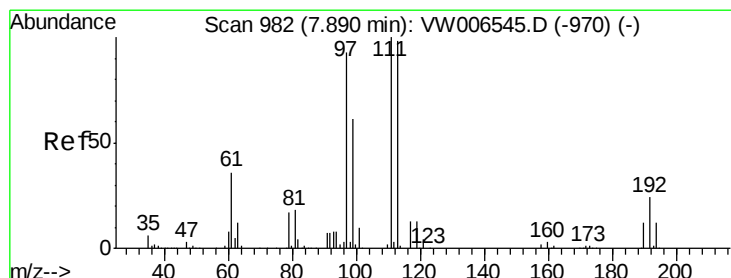
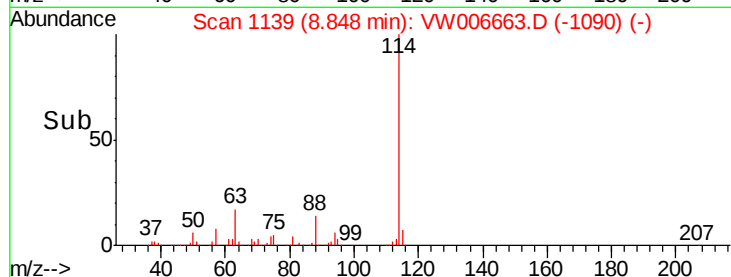
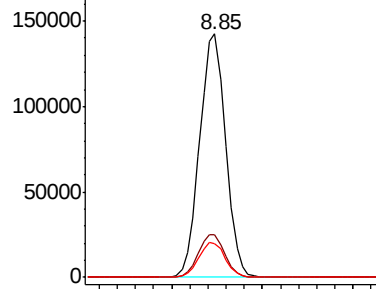
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006663.D
 Acq: 06 Nov 2018 04:36

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-G

Tgt Ion:114 Resp: 283582
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.1 0.0 29.0

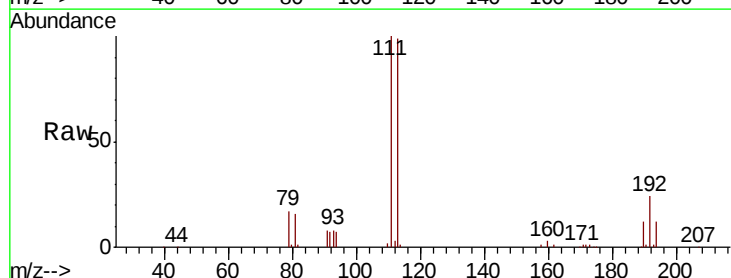


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

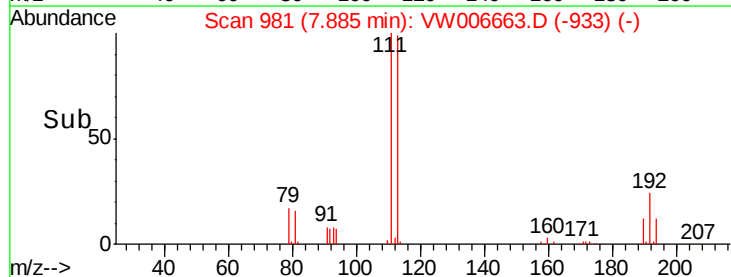
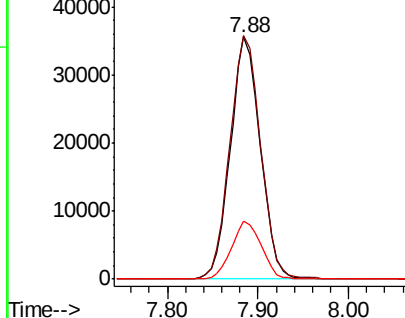


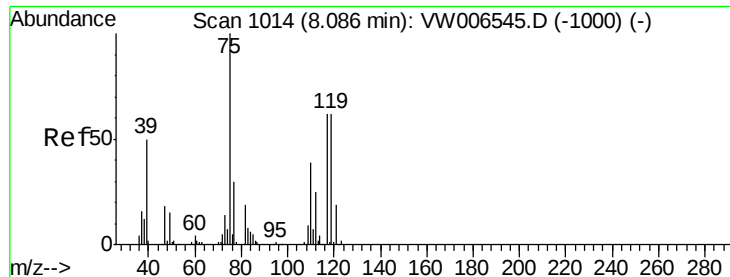
#35
 Dibromofluoromethane
 Concen: 45.824 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006663.D
 Acq: 06 Nov 2018 04:36

Tgt Ion:113 Resp: 81553
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 23.8 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

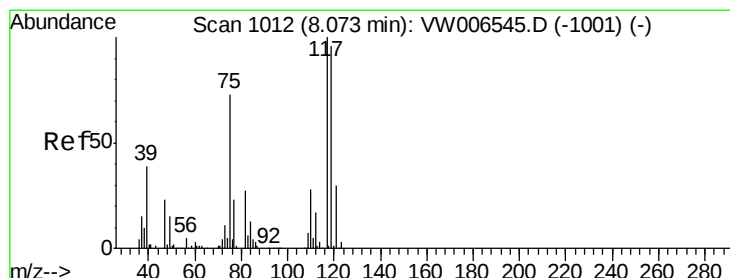
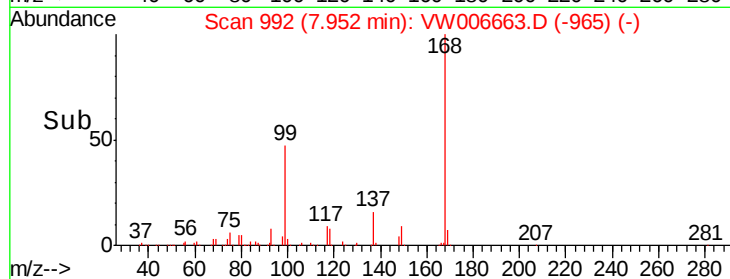
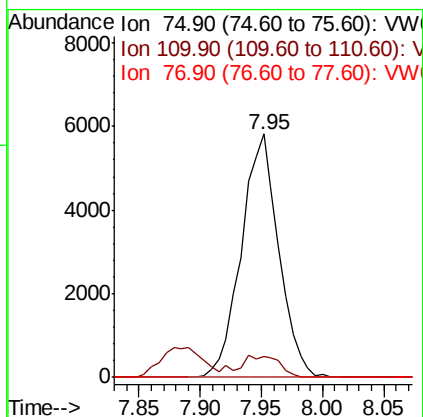
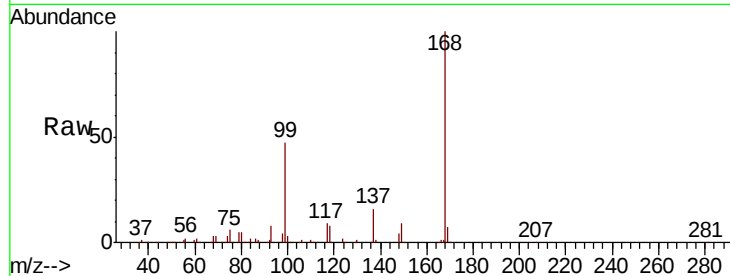




#36
 1,1-Dichloropropene
 Concen: 4.941 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006663.D
 Acq: 06 Nov 2018 04:36

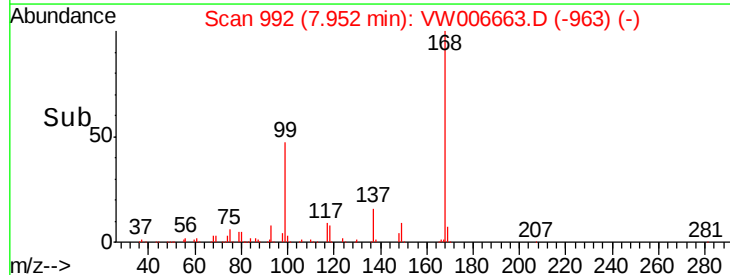
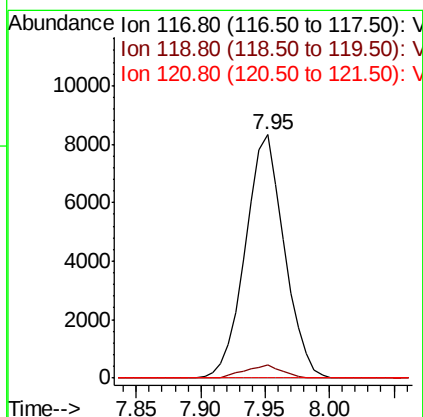
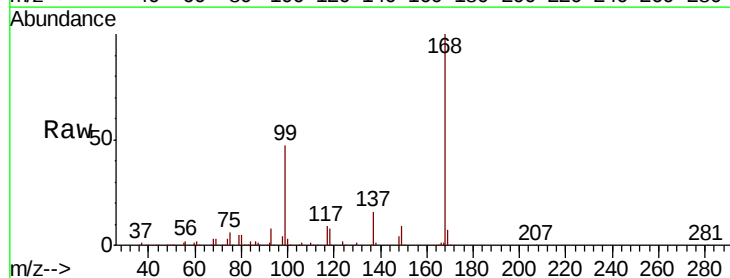
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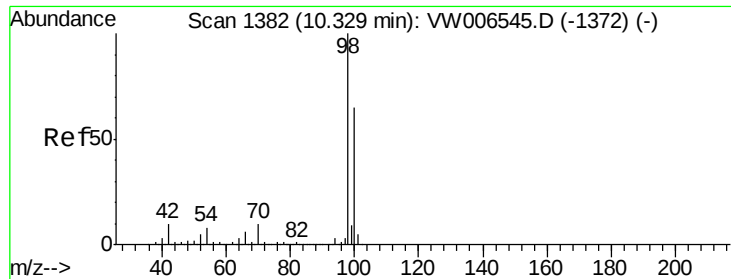
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.676 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006663.D
 Acq: 06 Nov 2018 04:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 15.047 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006663.D

Acq: 06 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

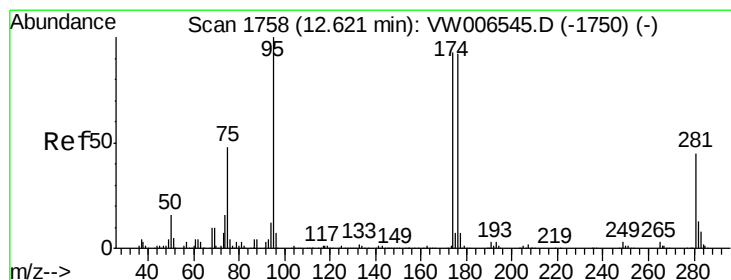
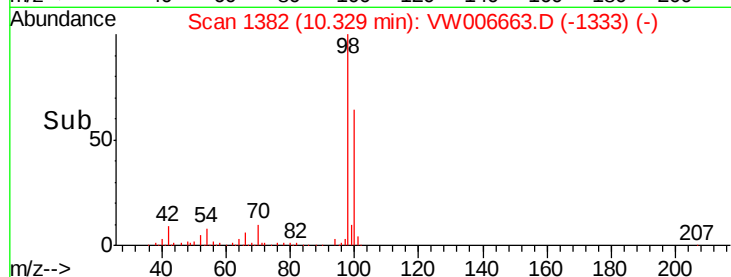
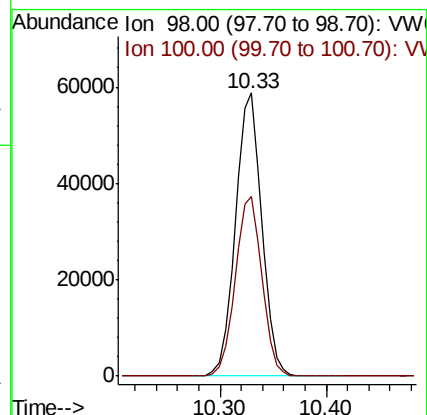
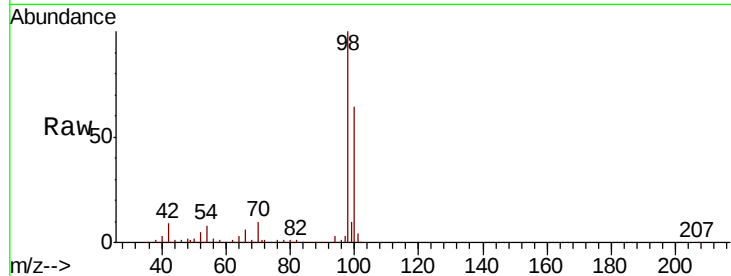
JC-03-110218-G

Tgt Ion: 98 Resp: 101943

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 21.678 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006663.D

Acq: 06 Nov 2018 04:36

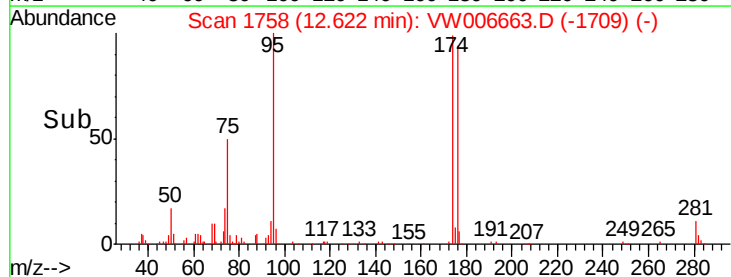
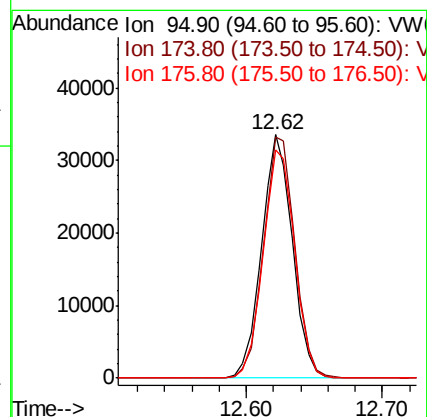
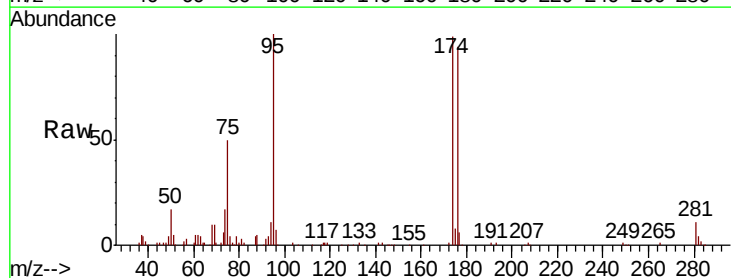
Tgt Ion: 95 Resp: 53245

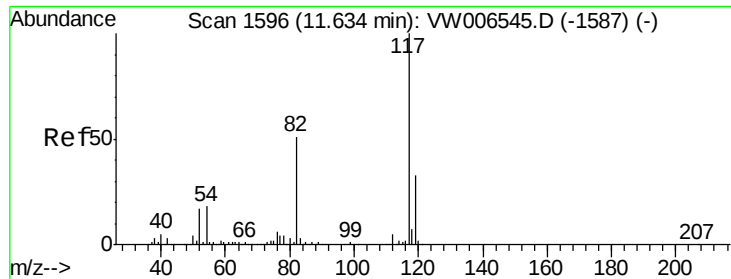
Ion Ratio Lower Upper

95 100

174 101.0 0.0 192.4

176 96.2 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: VW006663.D

Acq: 06 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-G

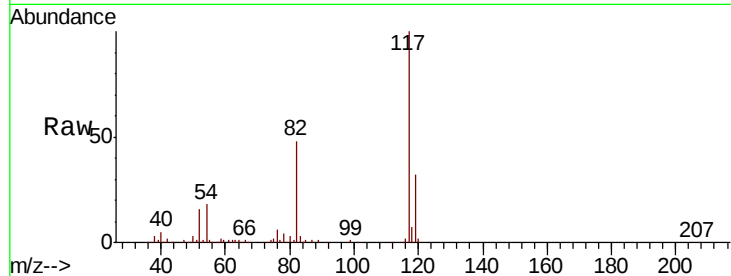
Tgt Ion:117 Resp: 153970

Ion Ratio Lower Upper

117 100

82 48.0 40.8 61.2

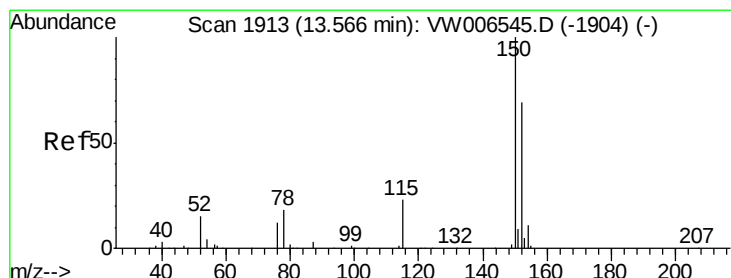
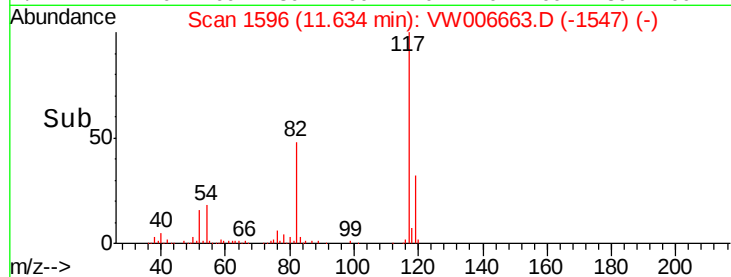
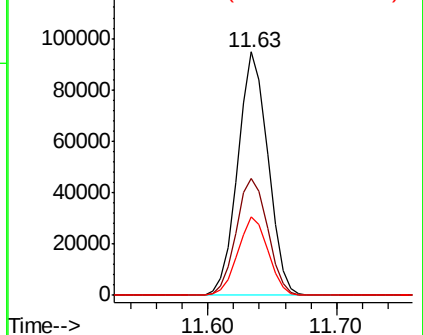
119 32.5 26.1 39.1



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: VW006663.D

Acq: 06 Nov 2018 04:36

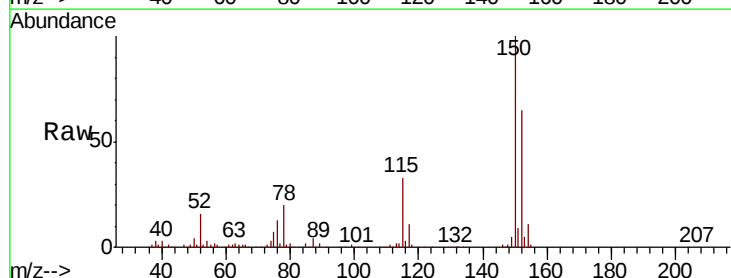
Tgt Ion:152 Resp: 61456

Ion Ratio Lower Upper

152 100

115 53.6 26.6 79.8

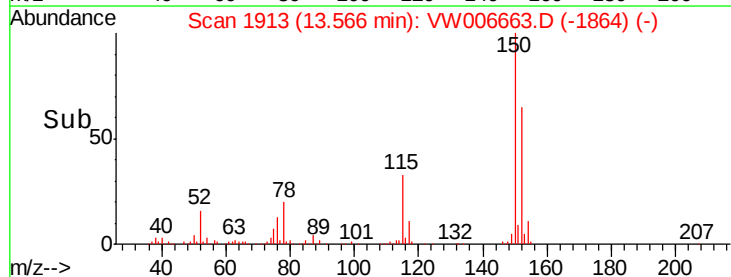
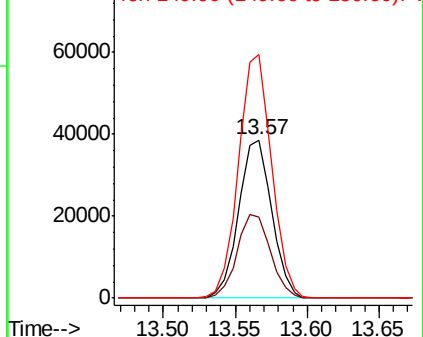
150 154.4 0.0 344.6

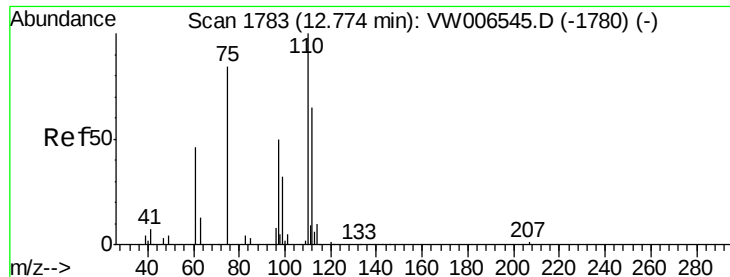


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.054 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006663.D

Acq: 06 Nov 2018 04:36

Instrument :

MSVOA_W

ClientSampleId :

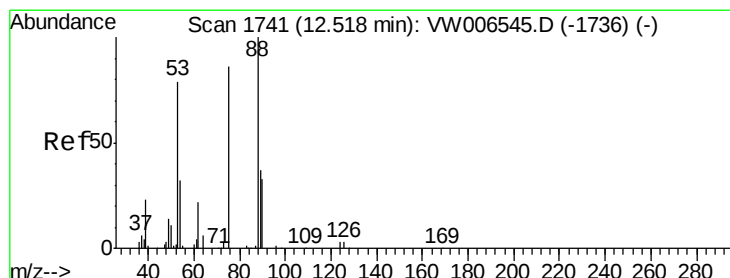
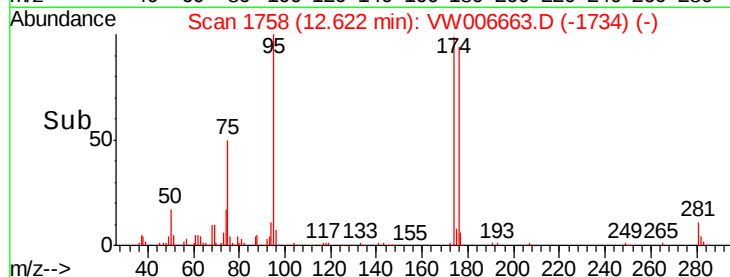
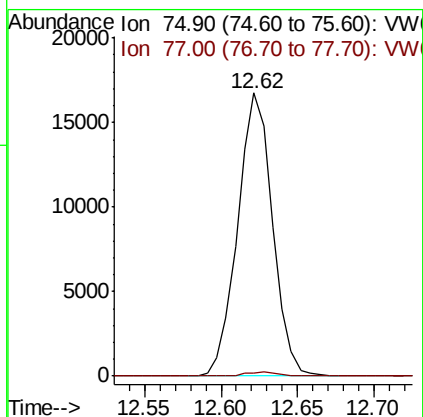
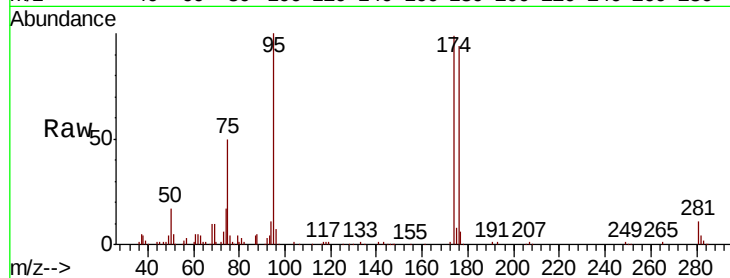
JC-03-110218-G

Tgt Ion: 75 Resp: 26398

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.647 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006663.D

Acq: 06 Nov 2018 04:36

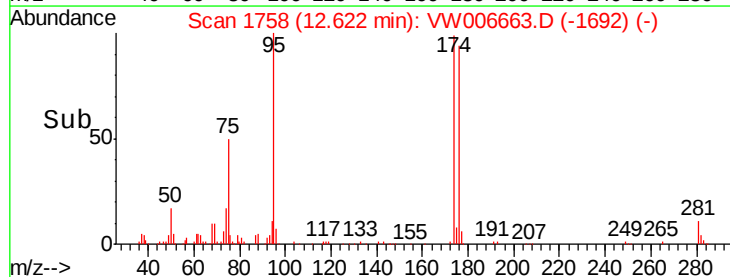
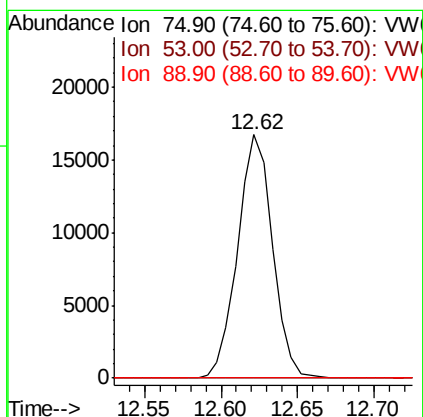
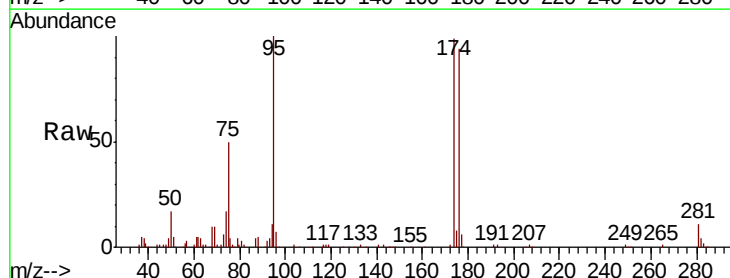
Tgt Ion: 75 Resp: 26398

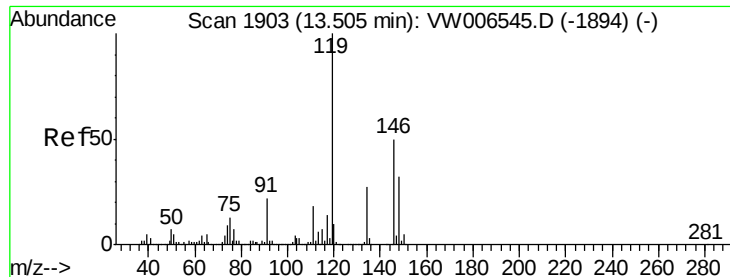
Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

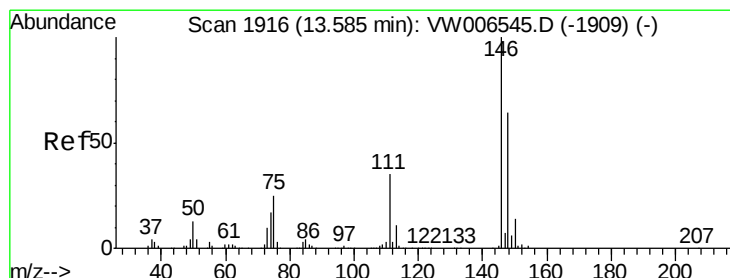
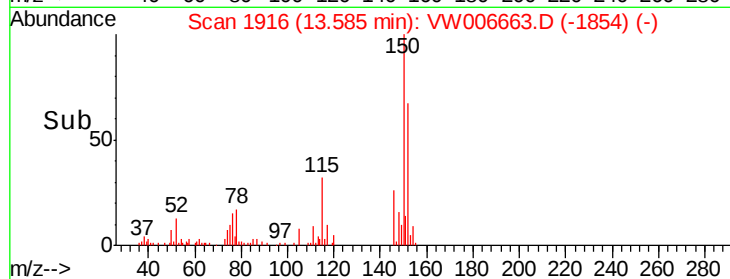
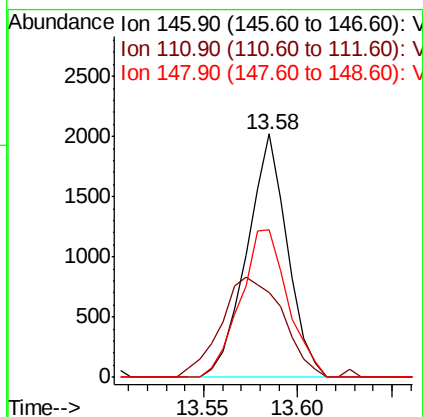
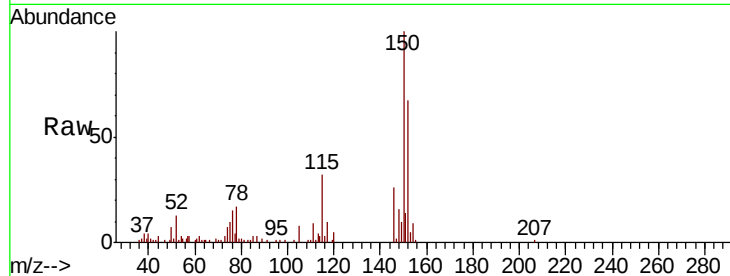




#87
 1,3-Dichlorobenzene
 Concen: 1.451 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.08 min
 Lab File: VW006663.D
 Acq: 06 Nov 2018 04:36

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-G

Tgt Ion:146 Resp: 2996
 Ion Ratio Lower Upper
 146 100
 111 63.2 18.6 55.6#
 148 71.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.464 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006663.D
 Acq: 06 Nov 2018 04:36

Tgt Ion:146 Resp: 2996
 Ion Ratio Lower Upper
 146 100
 111 63.2 17.9 53.7#
 148 71.1 32.1 96.5

