

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006664.D
 Acq On : 06 Nov 2018 05:02
 Operator : SY/AP
 Sample : J5764-15
 Misc : 5.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Nov 06 05:37:07 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	212639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75738	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	84555	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.52%		
35) Dibromofluoromethane	7.88	113	87738	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.86%		
50) Toluene-d8	10.32	98	100859	14.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	28.94%		
62) 4-Bromofluorobenzene	12.62	95	66786	26.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	52.88%		

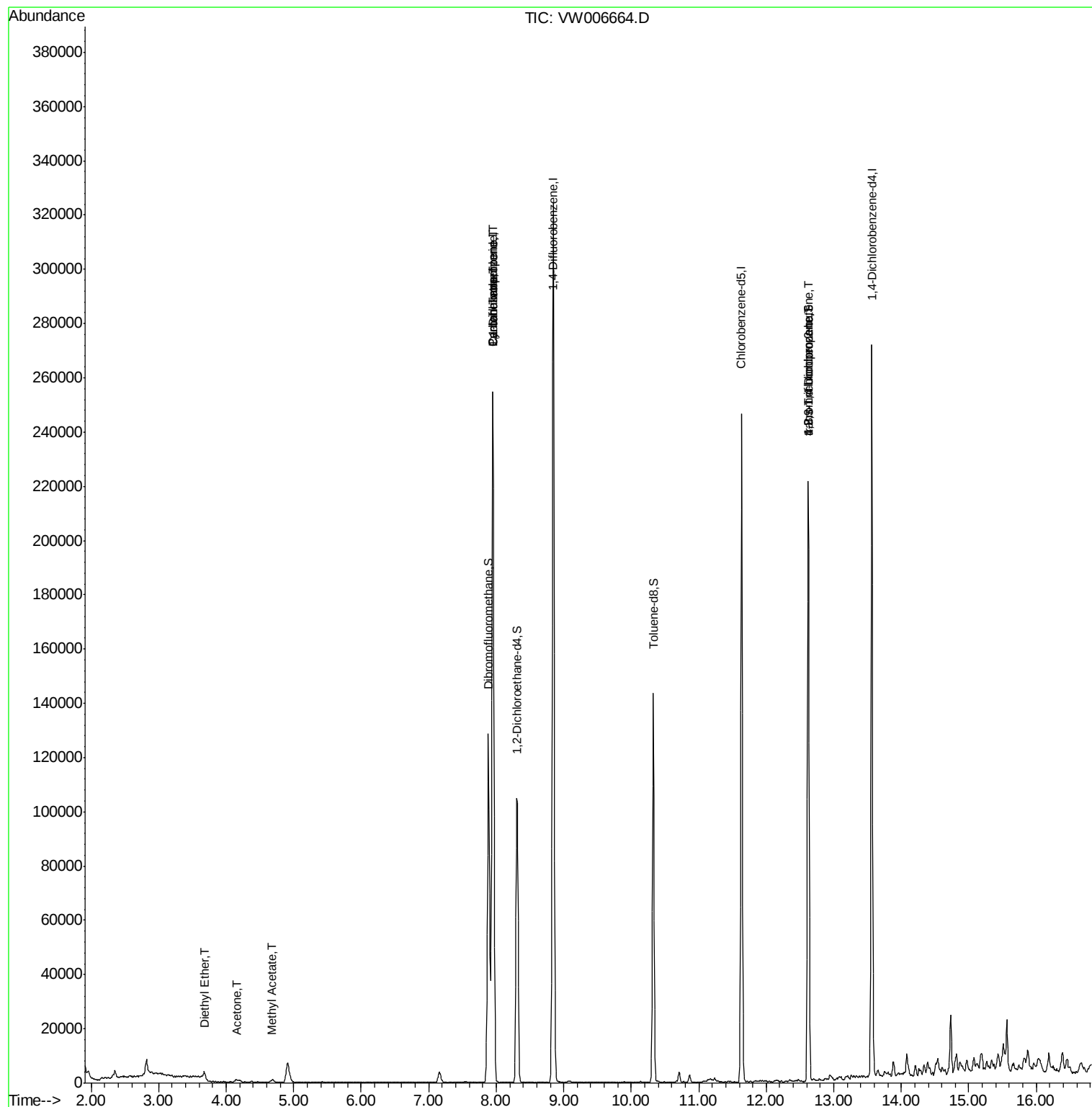
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2067	2.249	ug/l	95
16) Acetone	4.15	43	1974	6.689	ug/l #	79
18) Methyl Acetate	4.67	43	1929	2.273	ug/l	95
20) Methylene Chloride	4.90	84	6490	Below Cal		97
31) Cyclohexane	7.95	56	3526	1.211	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	13091	5.104	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18069	6.741	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	32240	54.558	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32240	136.432	ug/l #	11

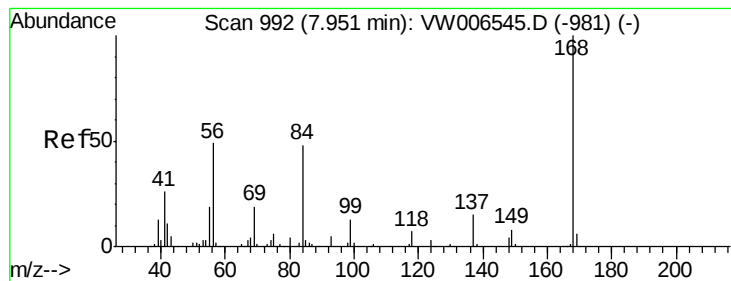
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006664.D

Acq: 06 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

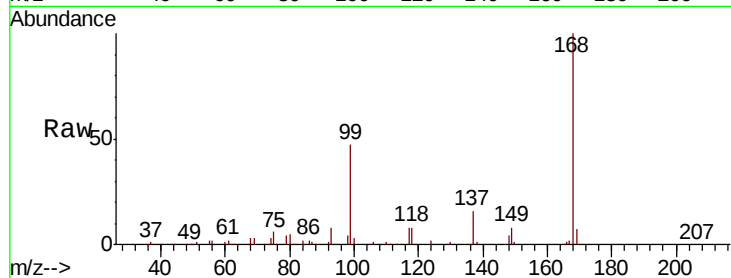
JC-03-110218-H

Tgt Ion:168 Resp: 212639

Ion Ratio Lower Upper

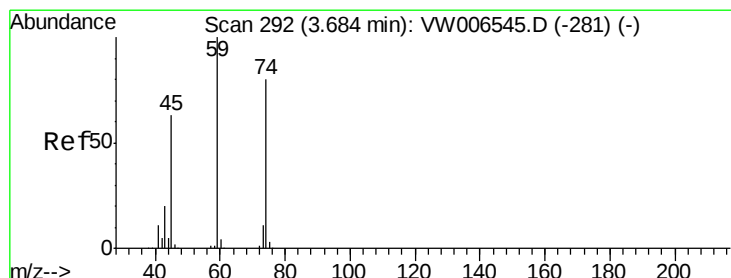
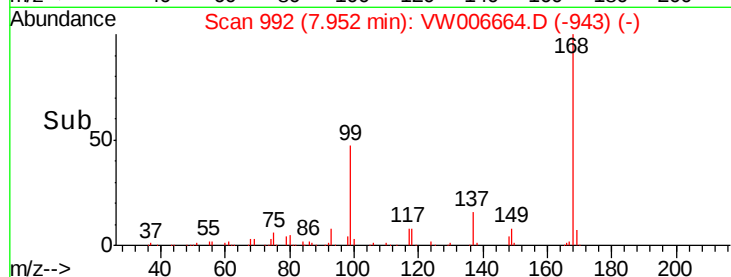
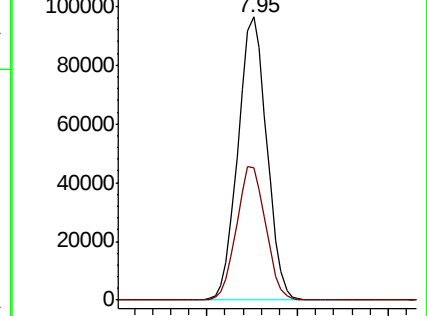
168 100

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



#8

Diethyl Ether

Concen: 2.249 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006664.D

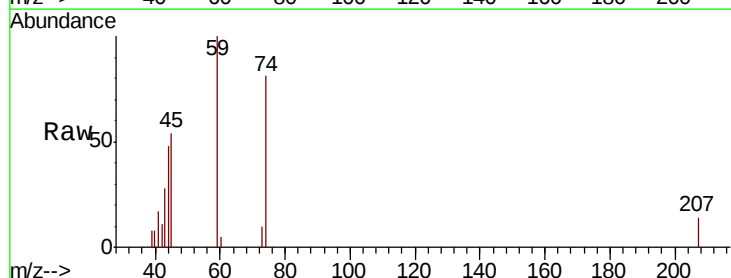
Acq: 06 Nov 2018 05:02

Tgt Ion: 74 Resp: 2067

Ion Ratio Lower Upper

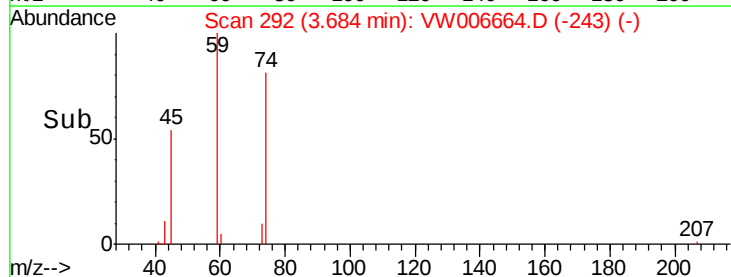
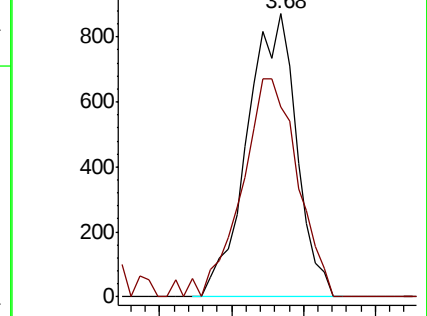
74 100

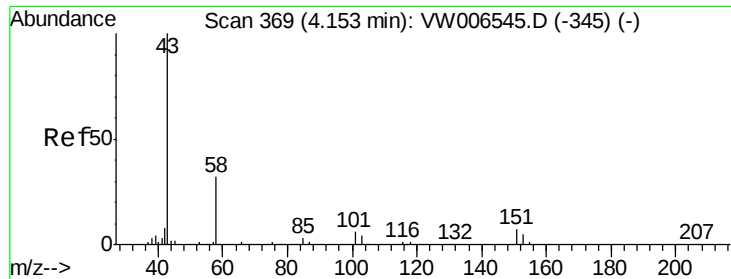
45 86.8 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 6.689 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006664.D

Acq: 06 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

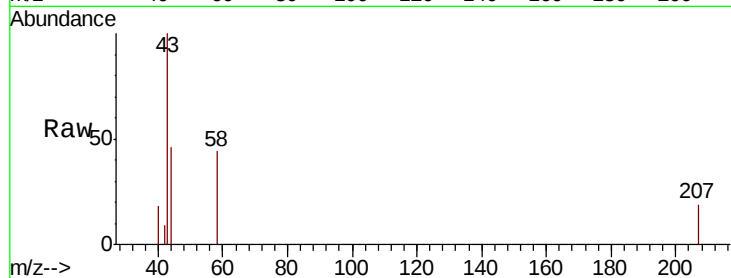
JC-03-110218-H

Tgt Ion: 43 Resp: 1974

Ion Ratio Lower Upper

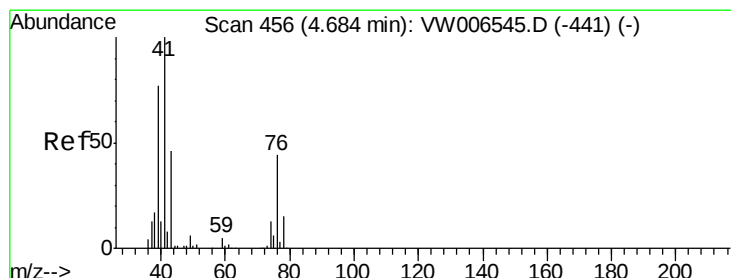
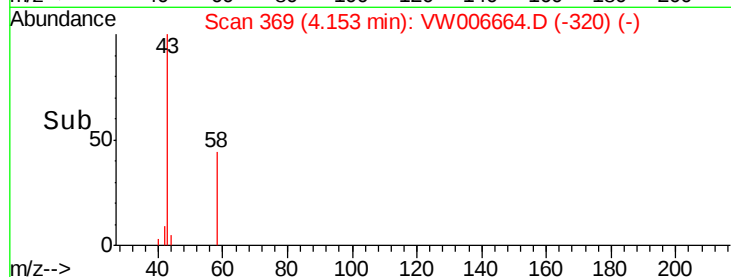
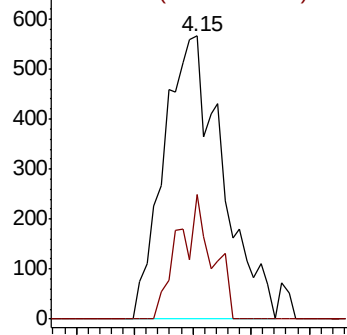
43 100

58 43.8 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.273 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006664.D

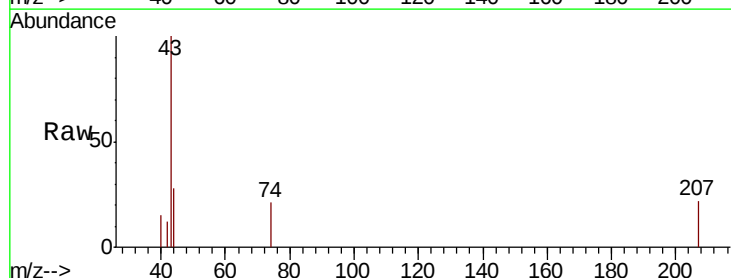
Acq: 06 Nov 2018 05:02

Tgt Ion: 43 Resp: 1929

Ion Ratio Lower Upper

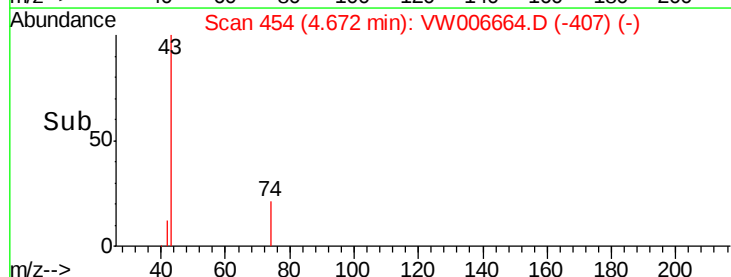
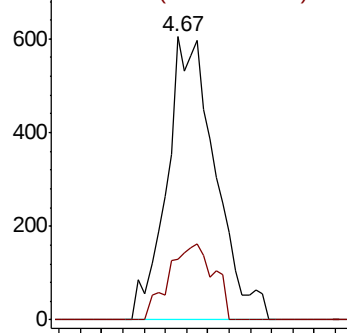
43 100

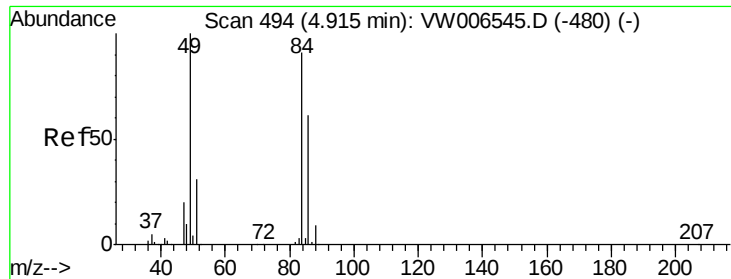
74 24.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

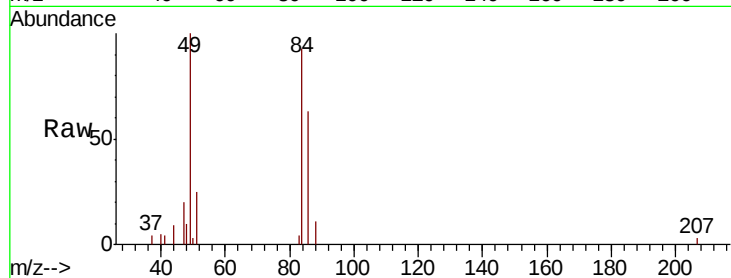




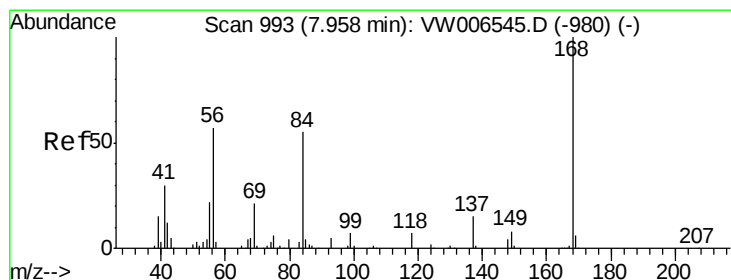
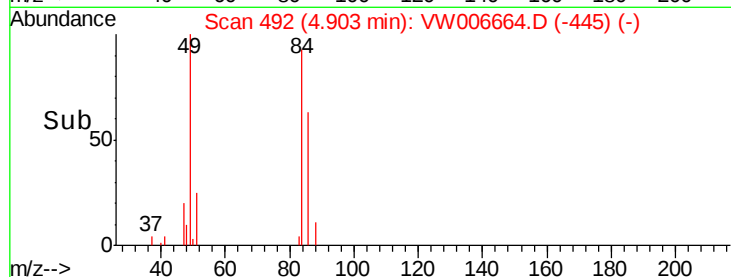
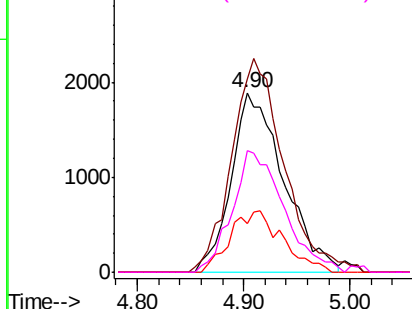
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

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

Tgt Ion: 84 Resp: 6490
Ion Ratio Lower Upper
84 100
49 108.0 88.2 132.4
51 27.2 27.0 40.6
86 67.5 53.8 80.8

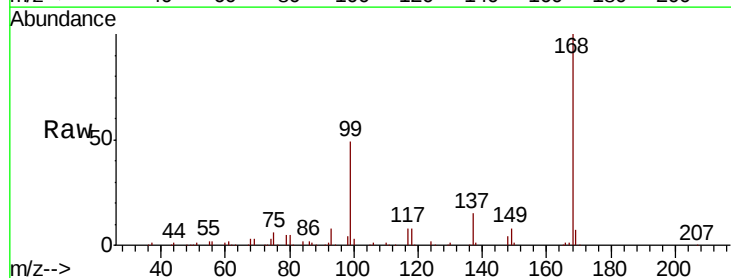


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

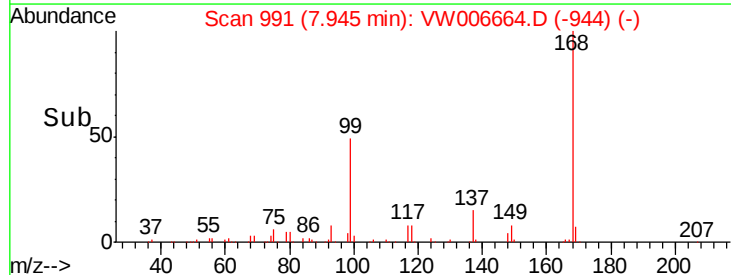
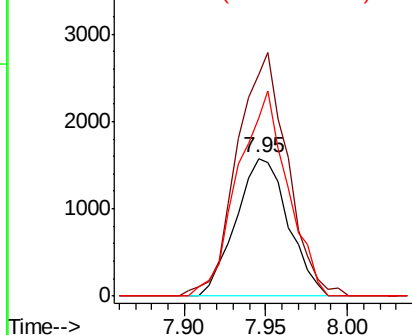


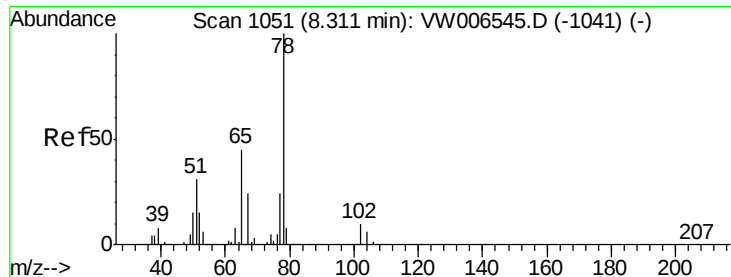
#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

Tgt Ion: 56 Resp: 3526
Ion Ratio Lower Upper
56 100
69 157.2 29.0 43.4#
84 128.8 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

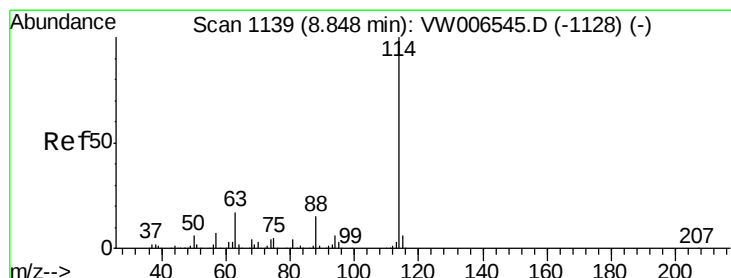
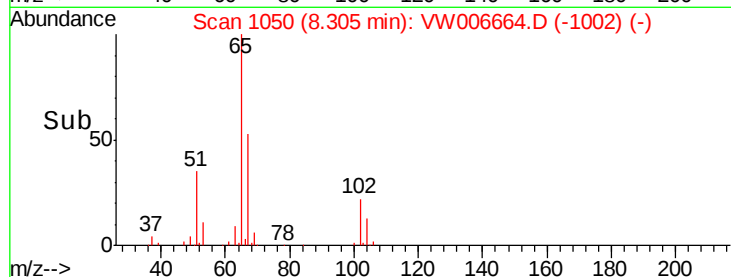
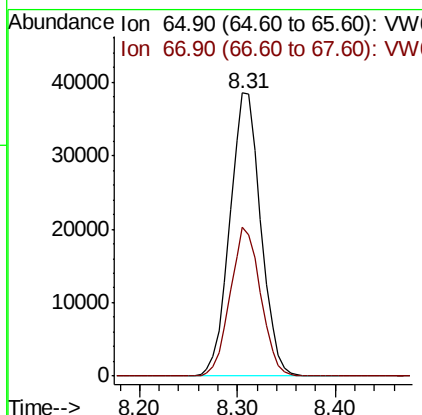
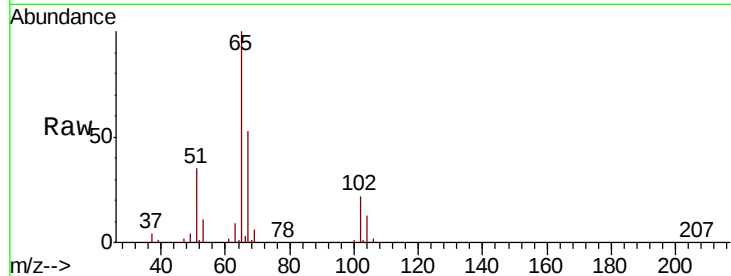




#33
 1,2-Dichloroethane-d4
 Concen: 46.260 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006664.D
 Acq: 06 Nov 2018 05:02

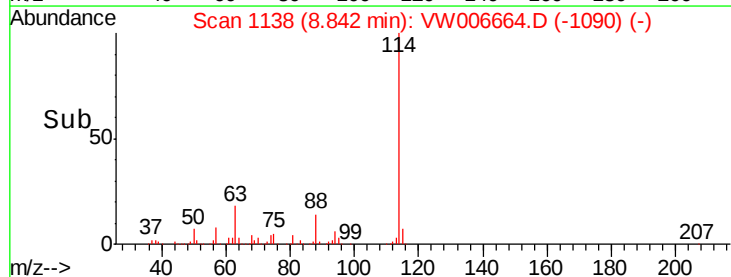
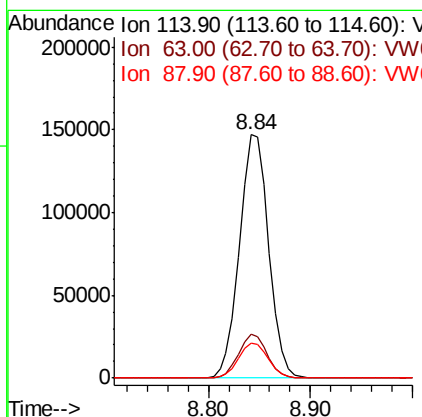
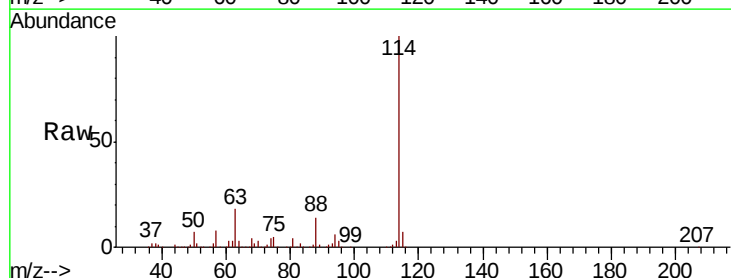
Instrument :
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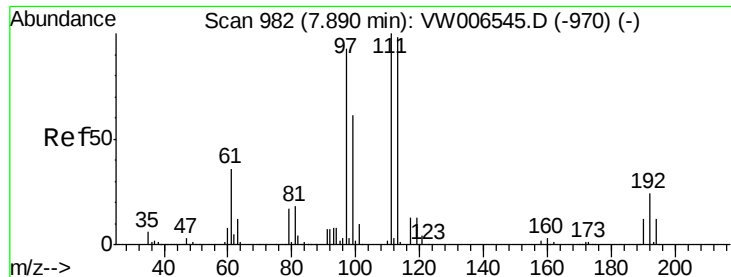
Tgt Ion: 65 Resp: 84555
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006664.D
 Acq: 06 Nov 2018 05:02

Tgt Ion: 114 Resp: 291684
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 14.2 0.0 29.0

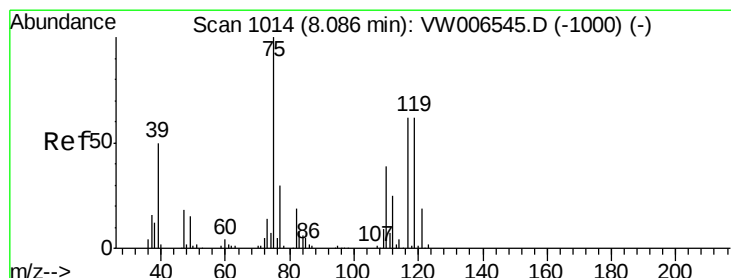
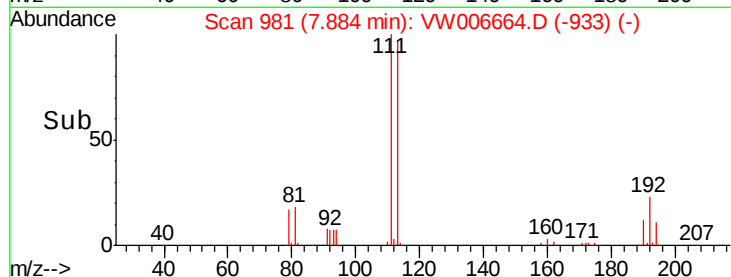
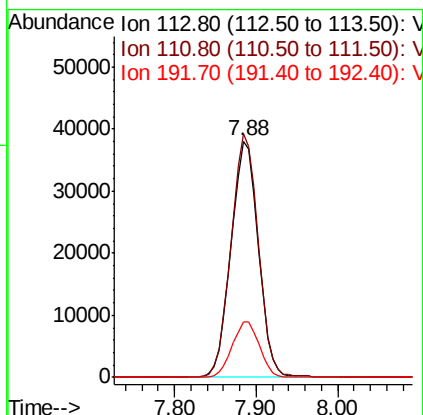
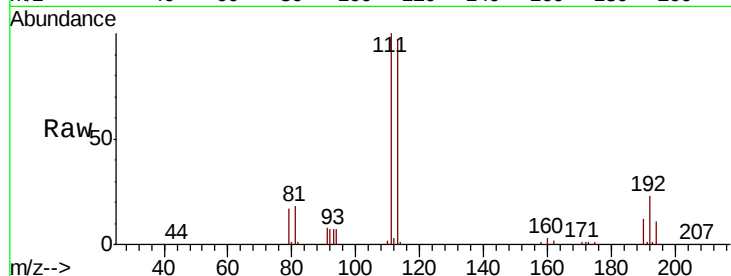




#35
 Dibromofluoromethane
 Concen: 47.930 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006664.D
 Acq: 06 Nov 2018 05:02

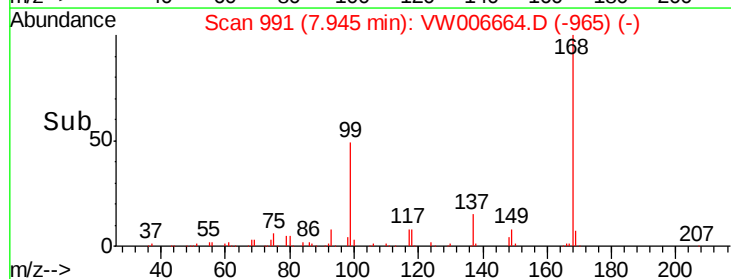
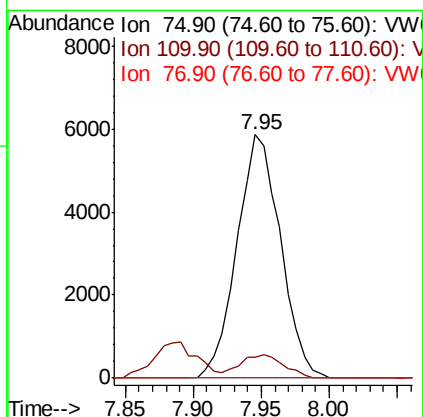
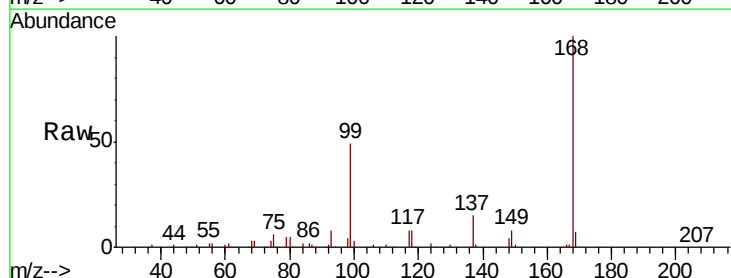
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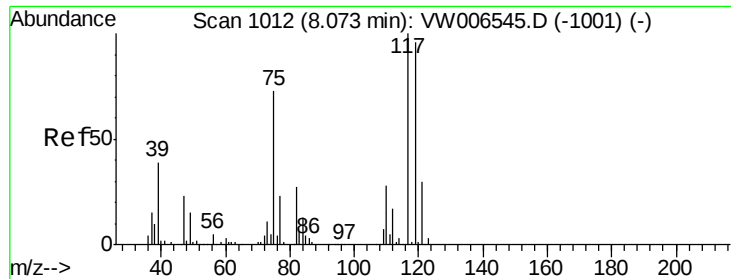
Tgt Ion:113 Resp: 87738
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 23.5 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.104 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006664.D
 Acq: 06 Nov 2018 05:02

Tgt Ion: 75 Resp: 13091
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.5 58.5#
 77 0.0 24.6 37.0#

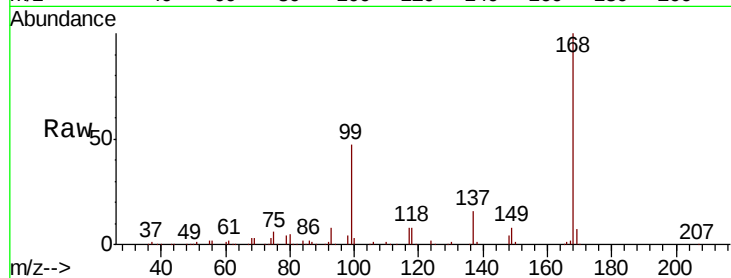




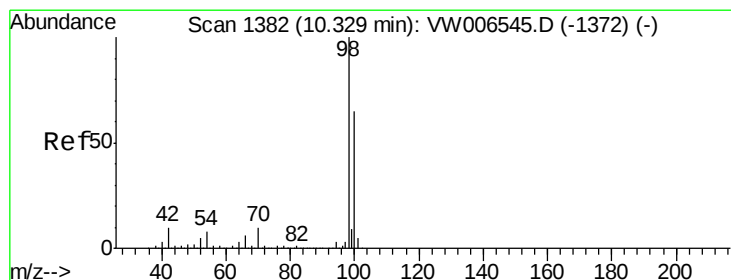
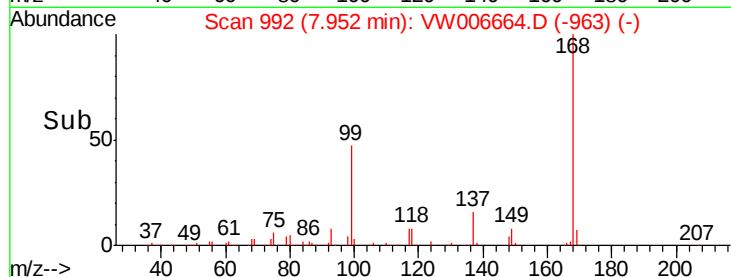
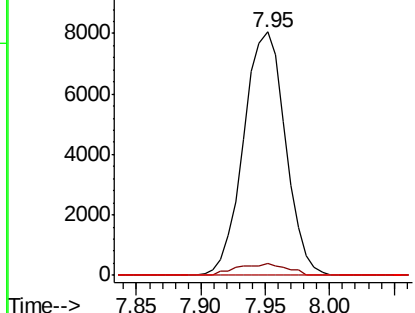
#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

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

Tgt Ion:117 Resp: 18069
Ion Ratio Lower Upper
117 100
119 5.0 76.3 114.5#
121 0.0 24.1 36.1#

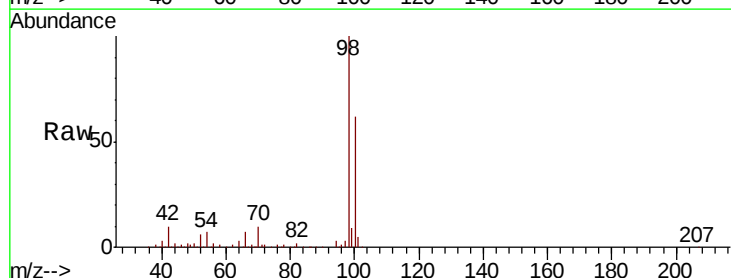


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

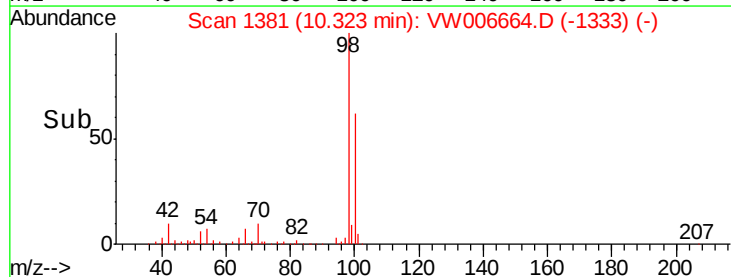
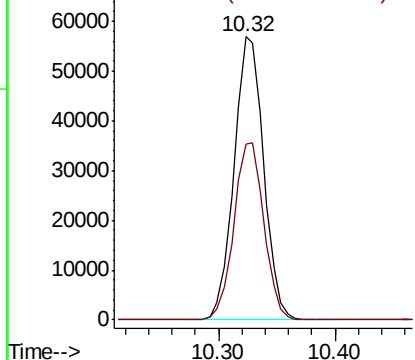


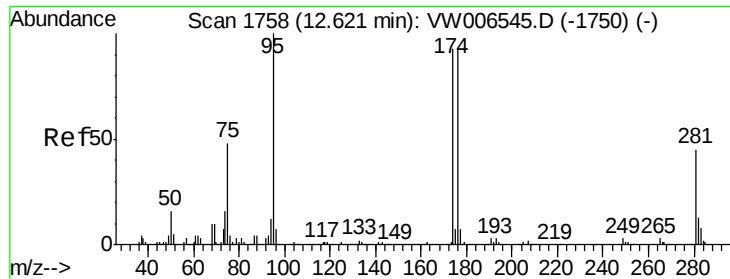
#50
Toluene-d8
Concen: 14.473 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

Tgt Ion: 98 Resp: 100859
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 26.436 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006664.D

Acq: 06 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-H

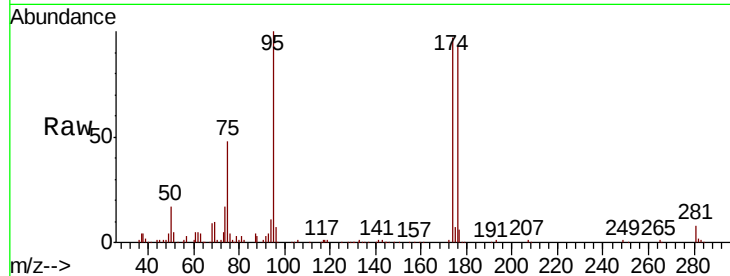
Tgt Ion: 95 Resp: 66786

Ion Ratio Lower Upper

95 100

174 96.4 0.0 192.4

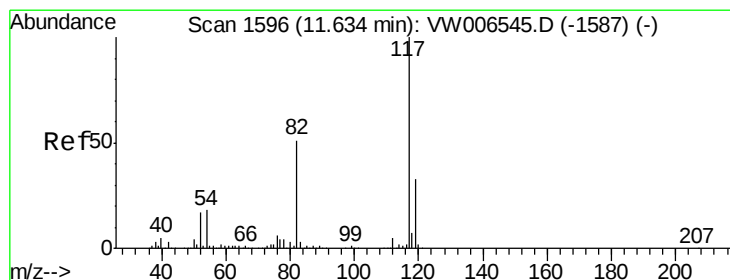
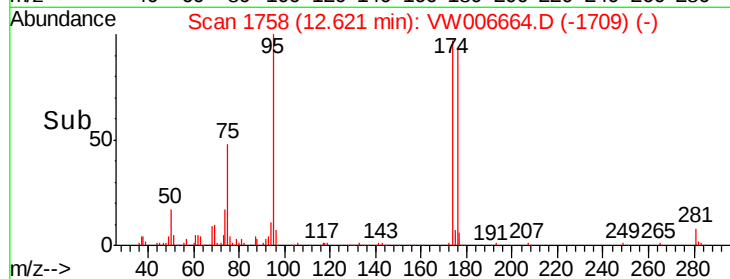
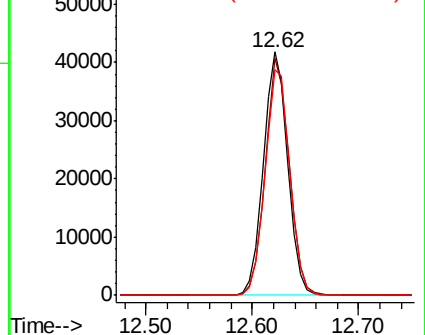
176 94.4 0.0 187.4



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: VW006664.D

Acq: 06 Nov 2018 05:02

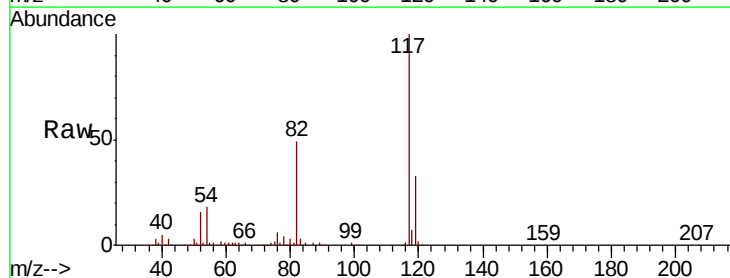
Tgt Ion: 117 Resp: 146777

Ion Ratio Lower Upper

117 100

82 48.9 40.8 61.2

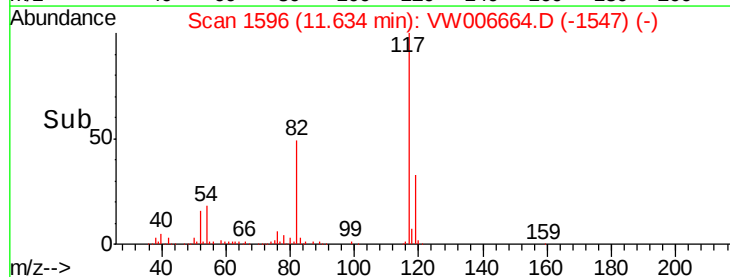
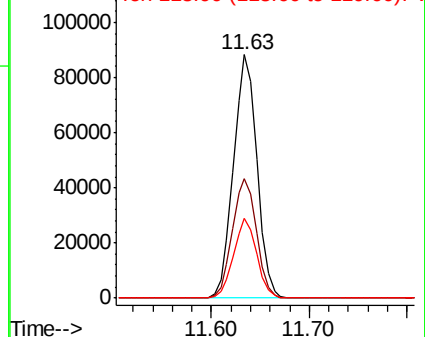
119 32.8 26.1 39.1

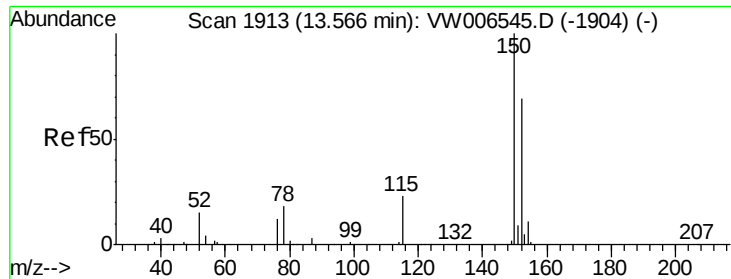


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



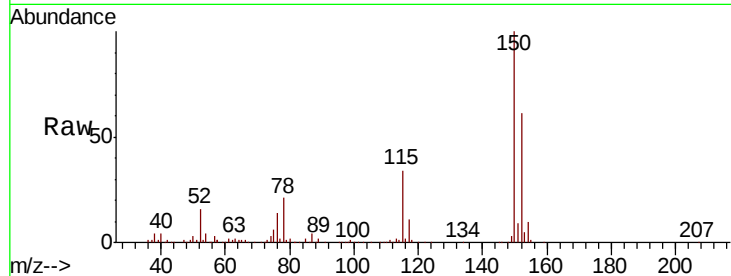


#72

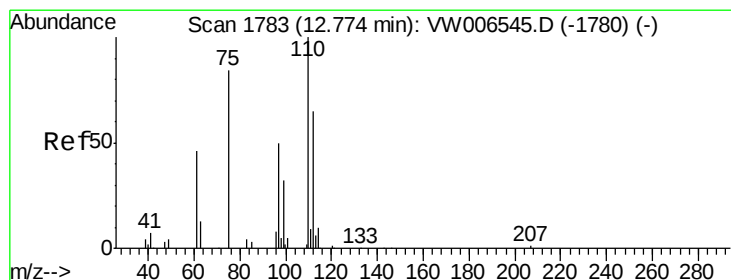
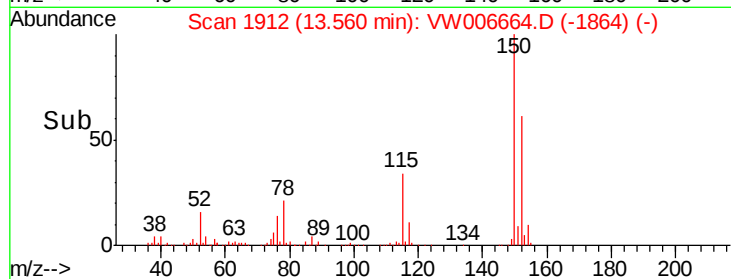
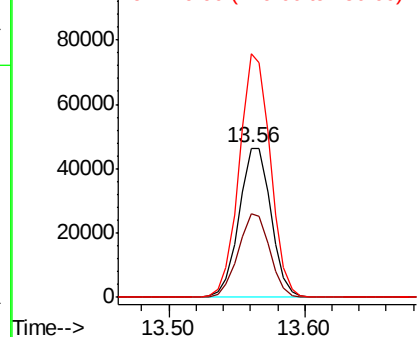
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

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

Tgt Ion:152 Resp: 75738
Ion Ratio Lower Upper
152 100
115 55.5 26.6 79.8
150 158.9 0.0 344.6



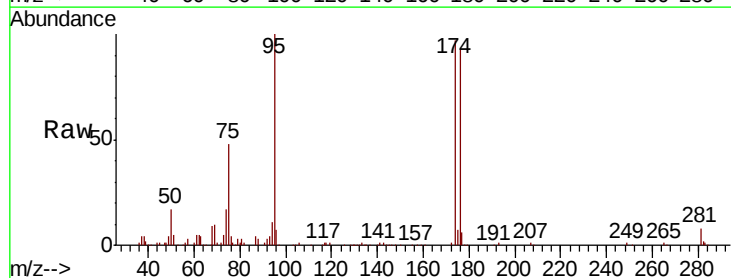
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



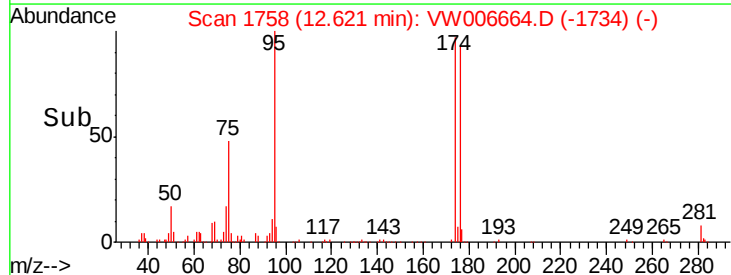
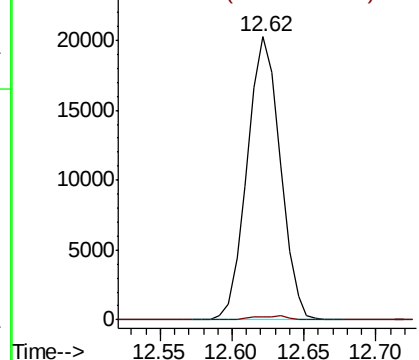
#76

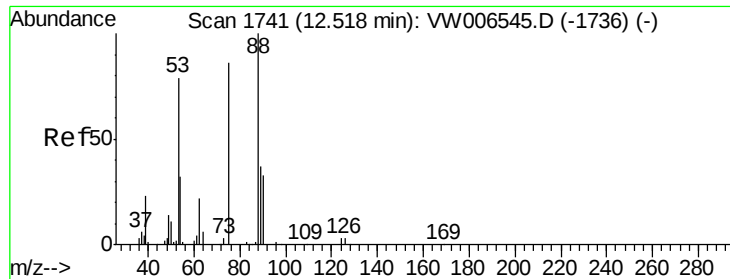
1,2,3-Trichloropropane
Concen: 54.558 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

Tgt Ion: 75 Resp: 32240
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: 136.432 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006664.D

Acq: 06 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-H

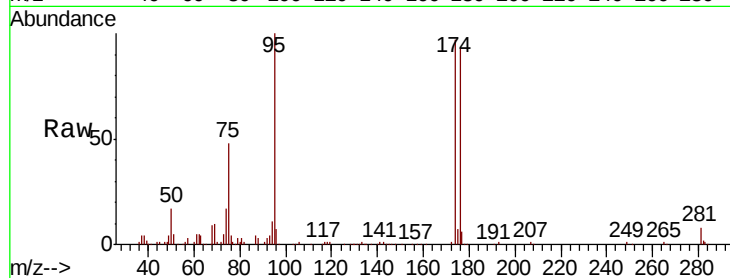
Tgt Ion: 75 Resp: 32240

Ion Ratio Lower Upper

75 100

53 0.2 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

