

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006716.D
 Acq On : 07 Nov 2018 05:55
 Operator : SY/AP
 Sample : J5764-19RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Nov 07 11:33:49 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

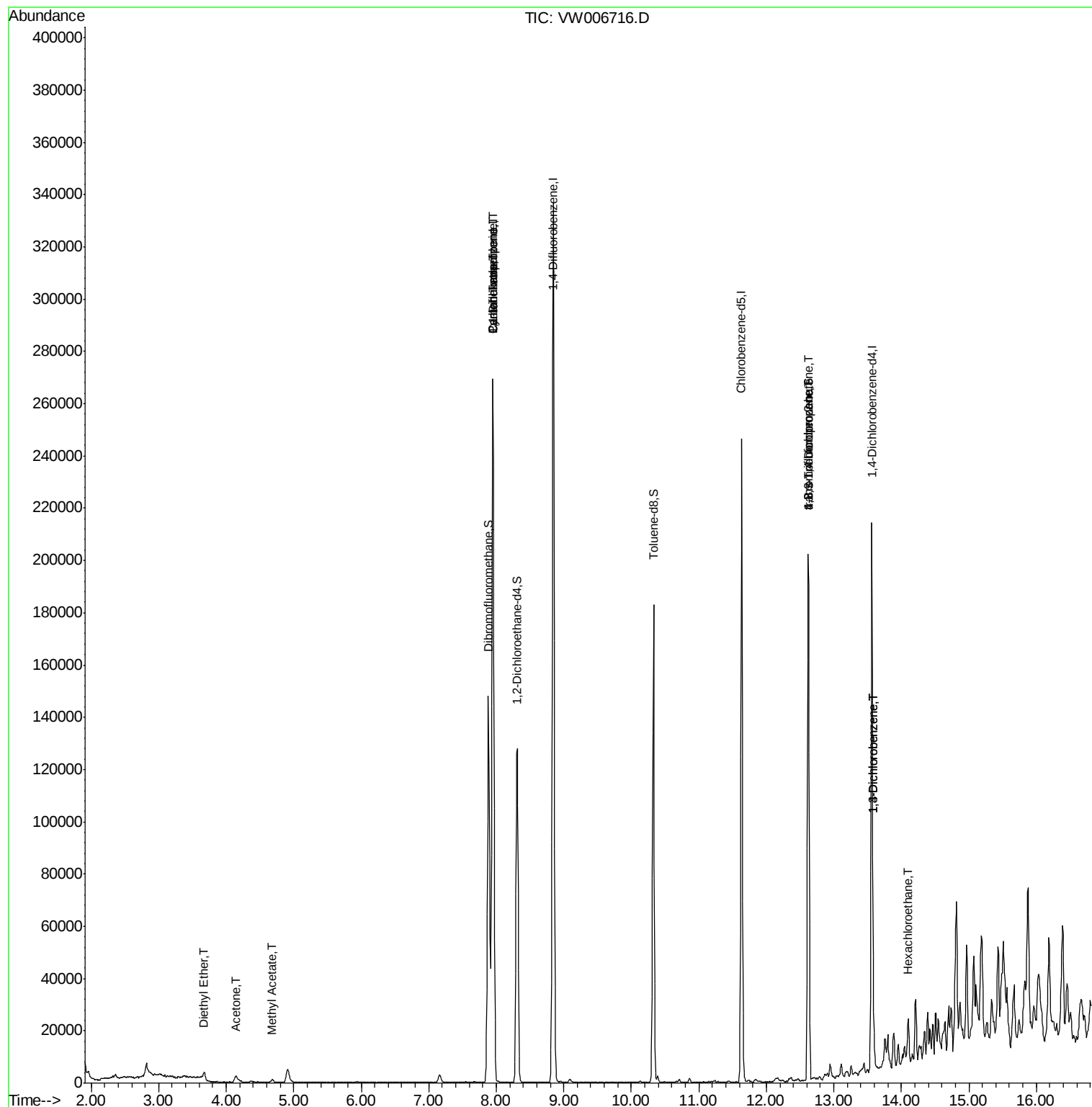
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101941	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.88	113	105522	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
50) Toluene-d8	10.33	98	130200	17.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.12%	
62) 4-Bromofluorobenzene	12.62	95	63245	23.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.06%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1849	1.907	ug/l	96
16) Acetone	4.15	43	4996	16.049	ug/l	95
18) Methyl Acetate	4.67	43	2002	2.237	ug/l #	89
20) Methylene Chloride	4.92	84	4492	Below Cal		96
31) Cyclohexane	7.95	56	3602	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13803	5.057	ug/l #	47
38) Carbon Tetrachloride	7.95	117	19216	6.738	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	30460	64.642	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30460	161.157	ug/l #	11
87) 1,3-Dichlorobenzene	13.58	146	3220	1.587	ug/l #	77
88) 1,4-Dichlorobenzene	13.58	146	3220	1.601	ug/l #	76
90) Hexachloroethane	14.11	117	1037	1.661	ug/l #	3

(#) = 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: VW006716.D

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Instrument :

MSVOA_W

ClientSampleId :

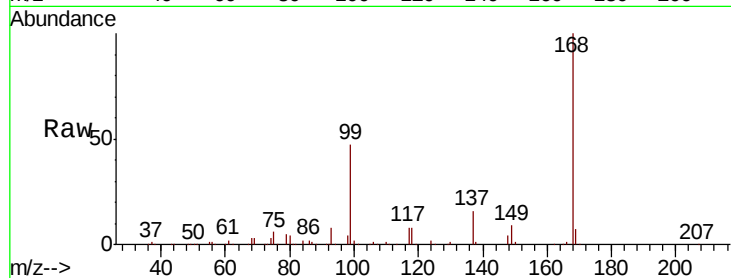
JC-03-110218-JRE

Tot Ion:168 Resp: 224301

Ion Ratio Lower Upper

168 100

99 46.9 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

120000

100000

80000

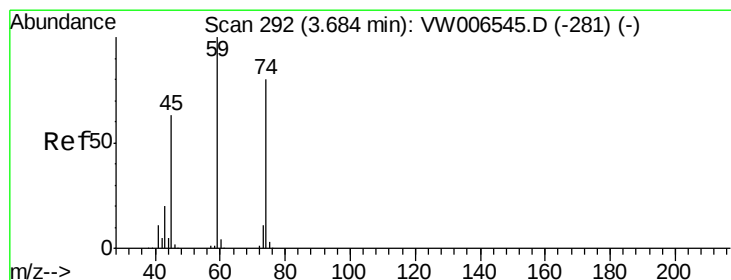
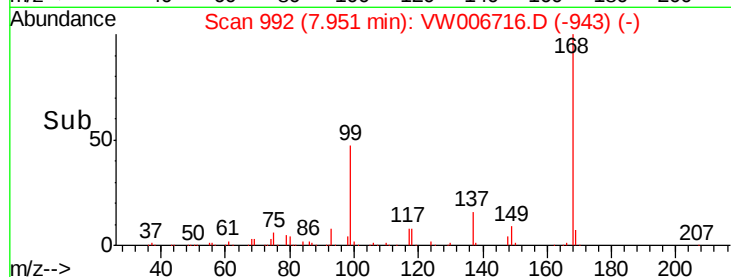
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.907 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006716.D

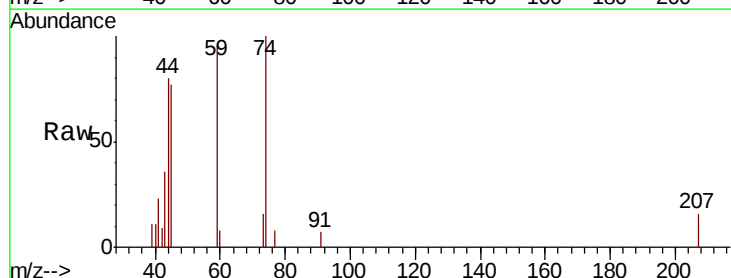
Acq: 07 Nov 2018 05:55

Tgt Ion: 74 Resp: 1849

Ion Ratio Lower Upper

74 100

45 78.5 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

800

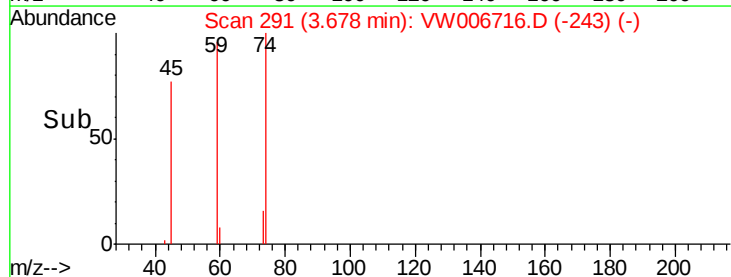
600

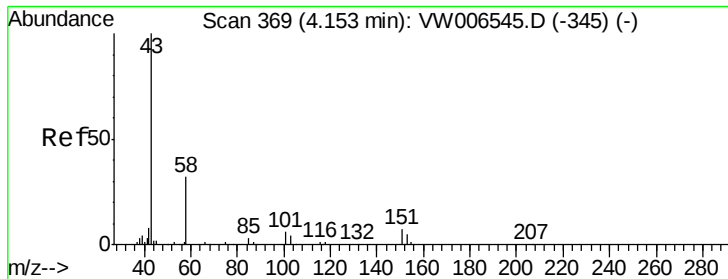
400

200

0

Time--> 3.60 3.65 3.70 3.75

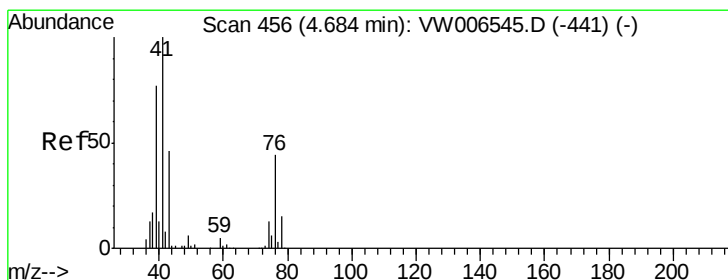
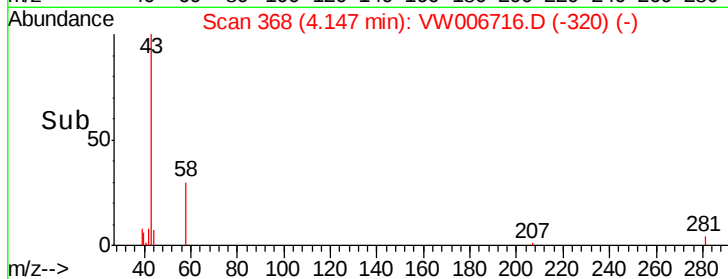
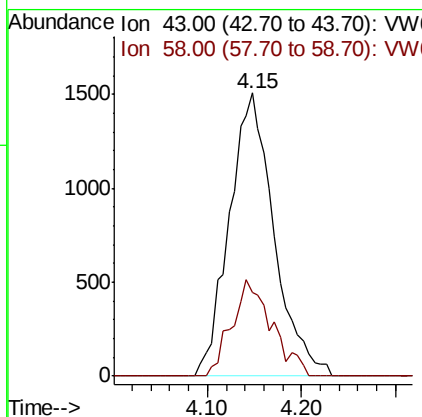
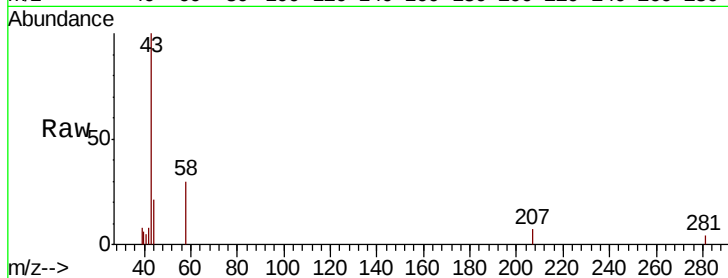




#16
Acetone
Concen: 16.049 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

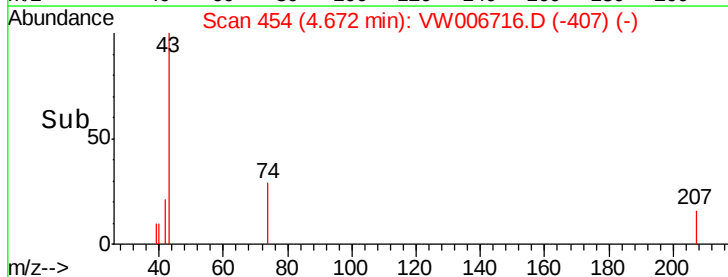
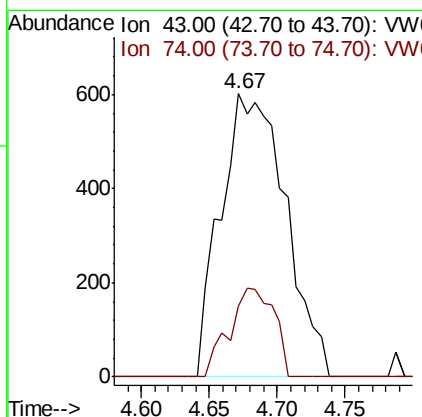
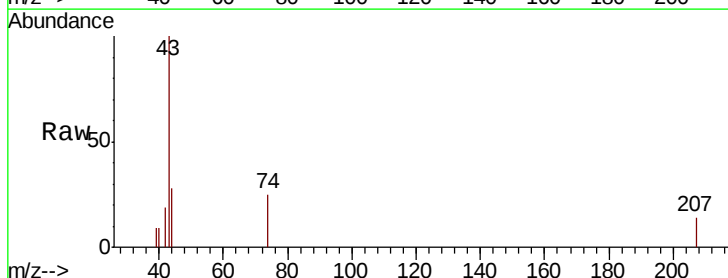
Instrument :
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ClientSampleId :
JC-03-110218-JRE

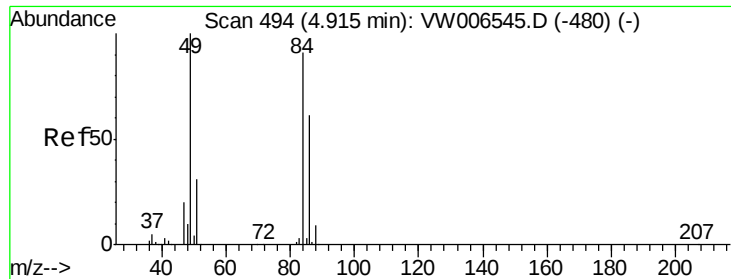
Tot Ion: 43 Resp: 4996
Ion Ratio Lower Upper
43 100
58 29.7 25.8 38.8



#18
Methyl Acetate
Concen: 2.237 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#

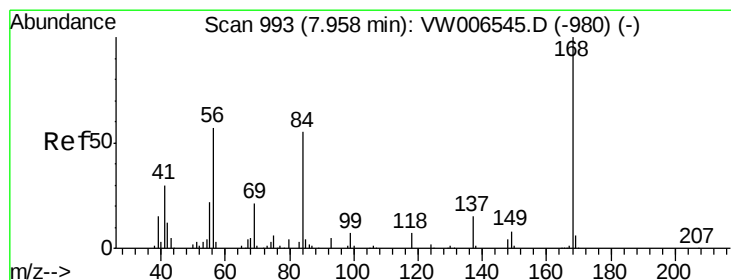
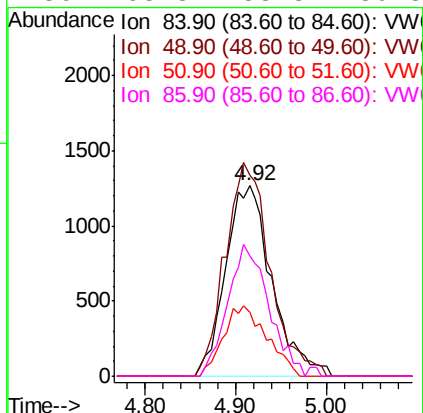
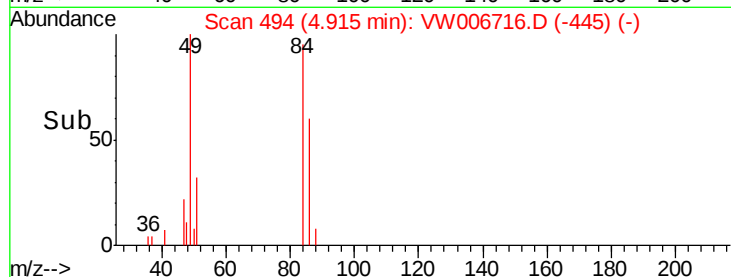
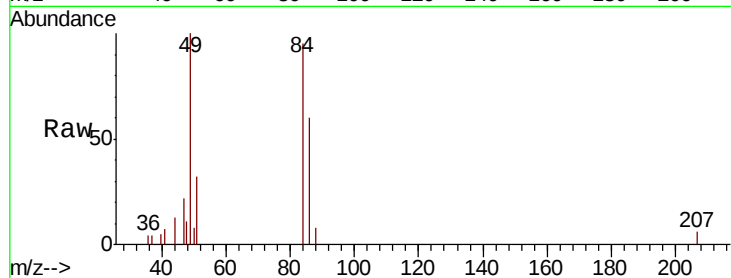




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

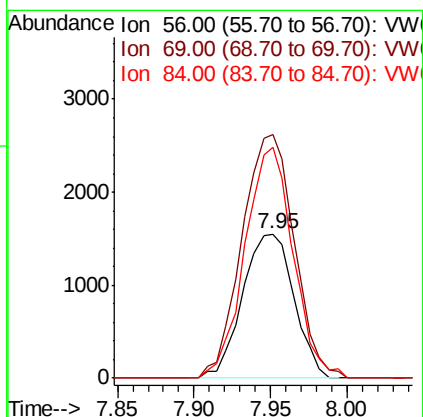
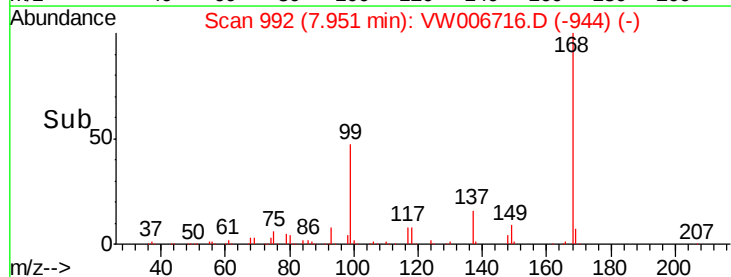
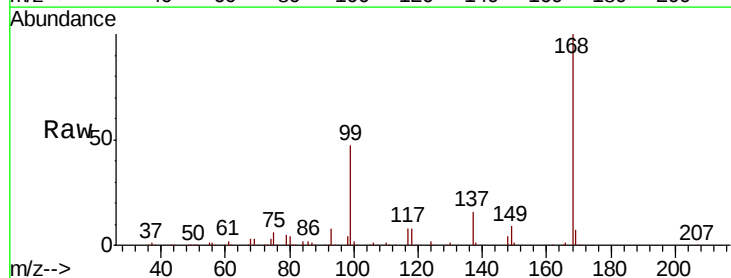
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-JRE

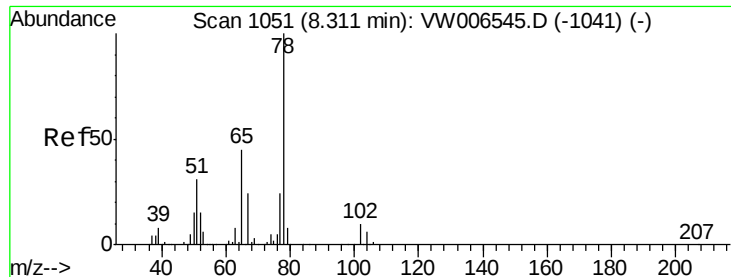
Tot Ion: 84 Resp: 4492
Ion Ratio Lower Upper
84 100
49 105.8 88.2 132.4
51 33.5 27.0 40.6
86 63.3 53.8 80.8



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

Tgt Ion: 56 Resp: 3602
Ion Ratio Lower Upper
56 100
69 168.8 29.0 43.4#
84 160.2 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 52.872 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

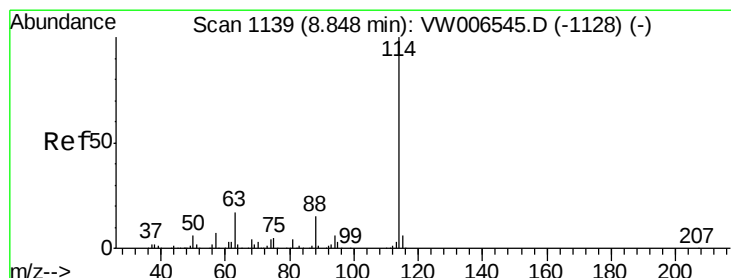
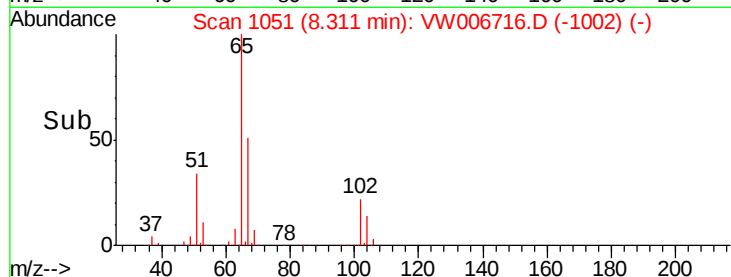
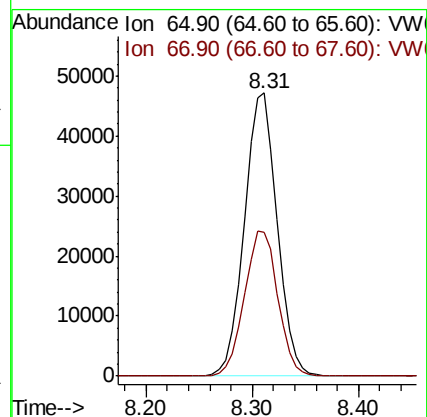
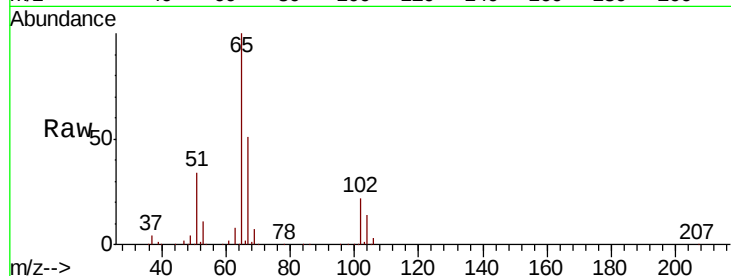
JC-03-110218-JRE

Tot Ion: 65 Resp: 101941

Ion Ratio Lower Upper

65 100

67 52.4 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: VW006716.D

Acq: 07 Nov 2018 05:55

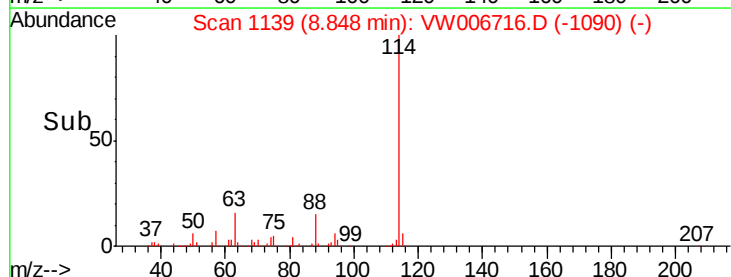
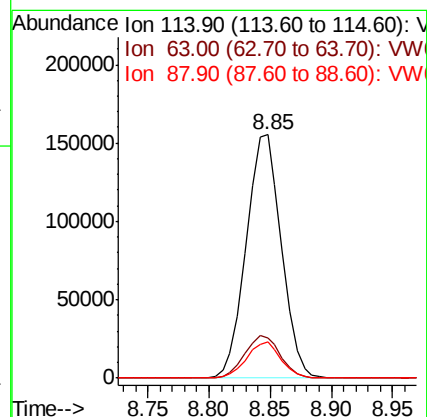
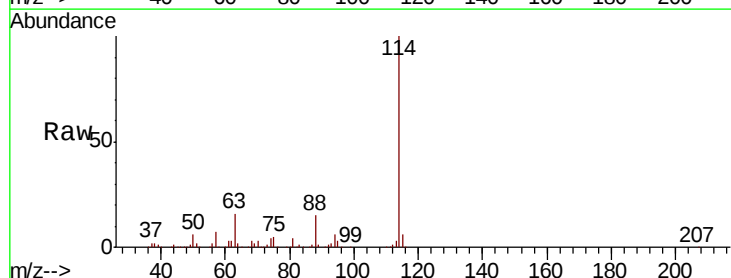
Tgt Ion: 114 Resp: 310352

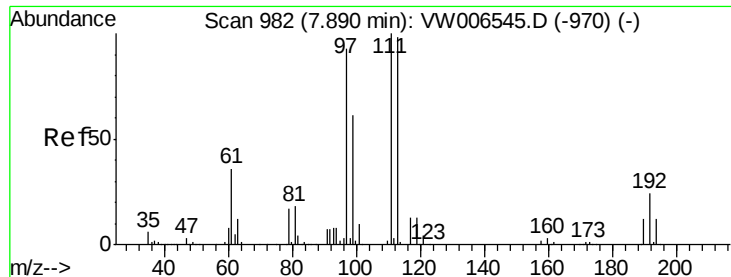
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.4

88 14.9 0.0 29.0

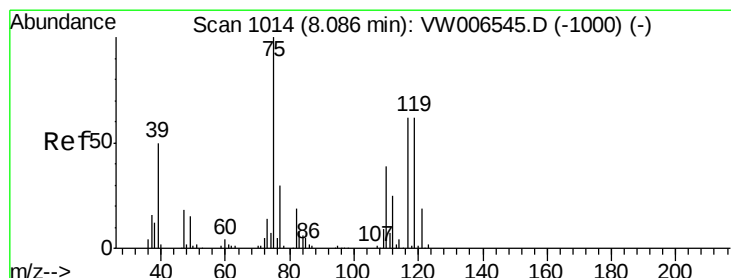
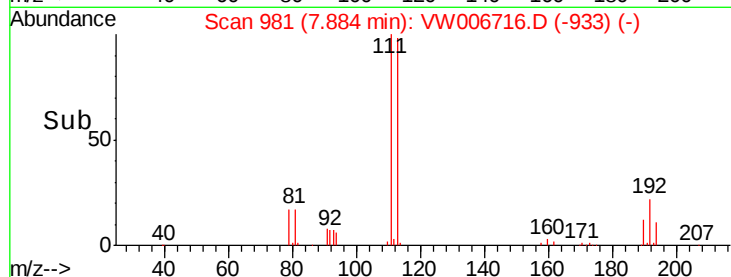
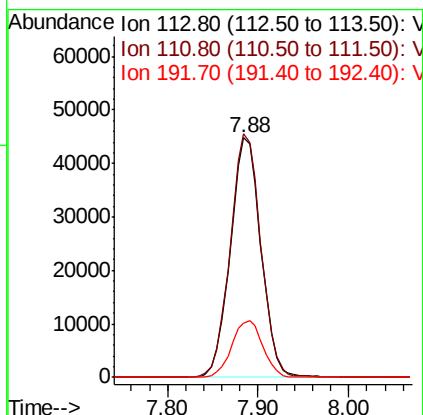
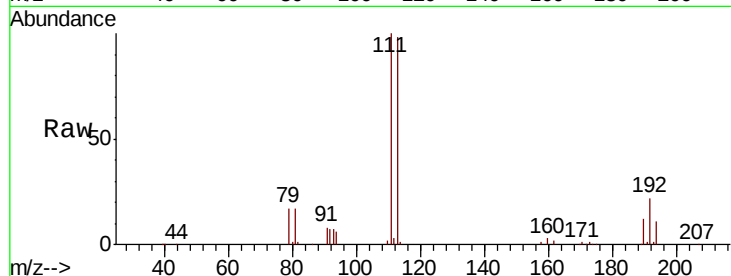




#35
 Dibromofluoromethane
 Concen: 54.178 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006716.D
 Acq: 07 Nov 2018 05:55

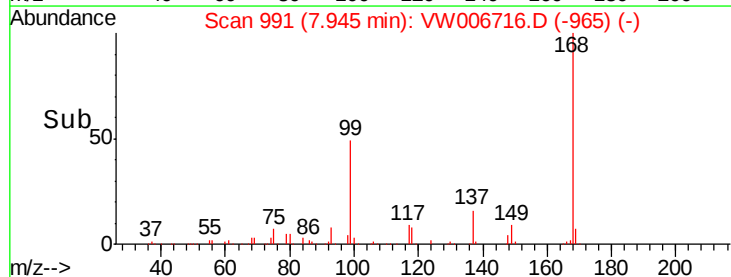
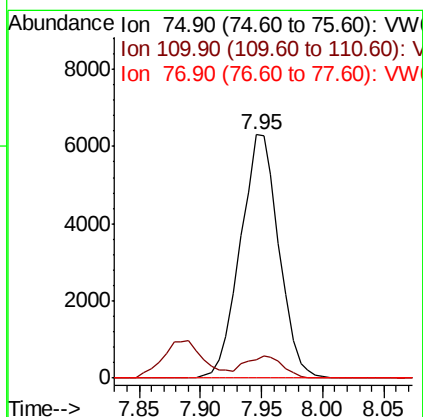
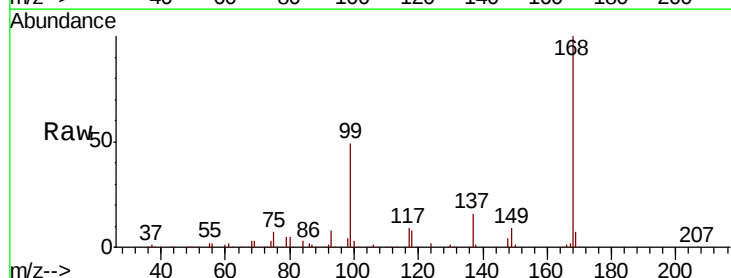
Instrument :
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 JC-03-110218-JRE

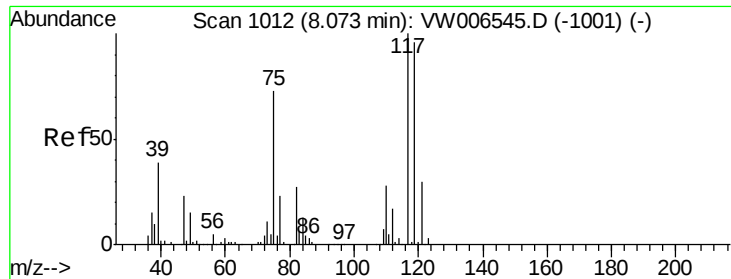
Tot Ion:113 Resp: 105522
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.057 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006716.D
 Acq: 07 Nov 2018 05:55

Tgt Ion: 75 Resp: 13803
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.738 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-JRE

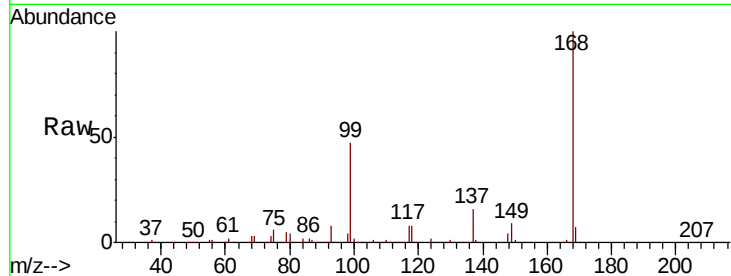
Tot Ion:117 Resp: 19216

Ion Ratio Lower Upper

117 100

119 6.0 76.3 114.5#

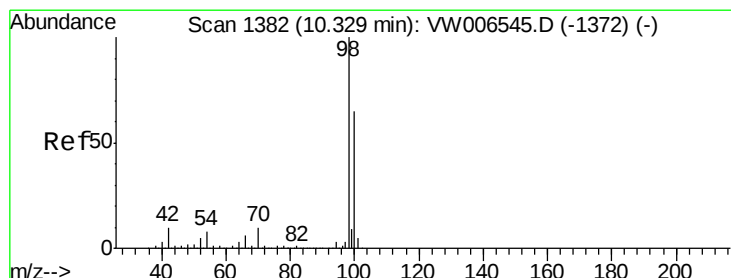
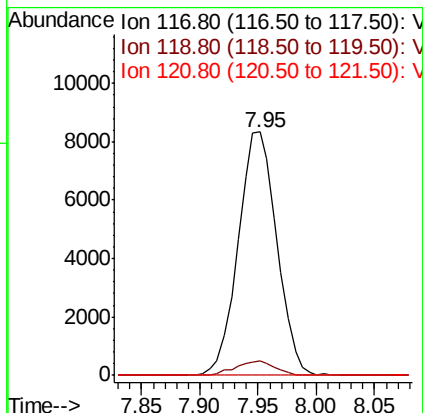
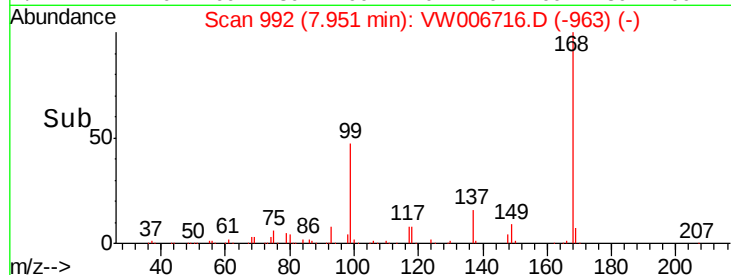
121 0.0 24.1 36.1#



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: 17.560 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006716.D

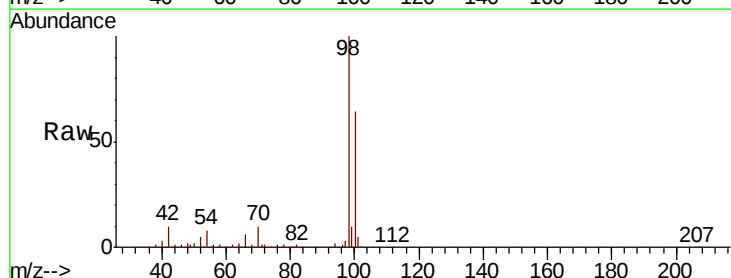
Acq: 07 Nov 2018 05:55

Tgt Ion: 98 Resp: 130200

Ion Ratio Lower Upper

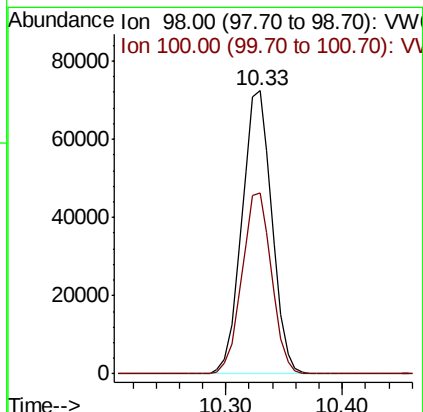
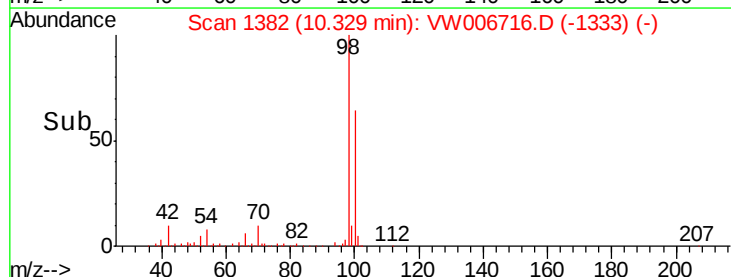
98 100

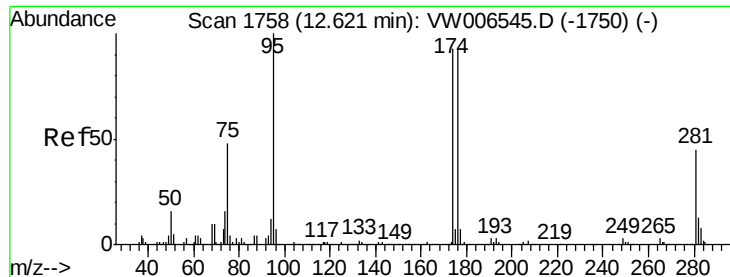
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 23.528 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

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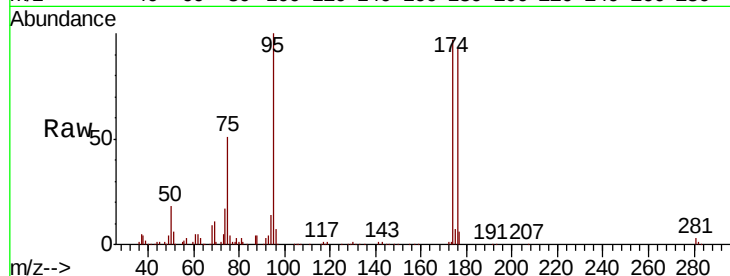
Tot Ion: 95 Resp: 63245

Ion Ratio Lower Upper

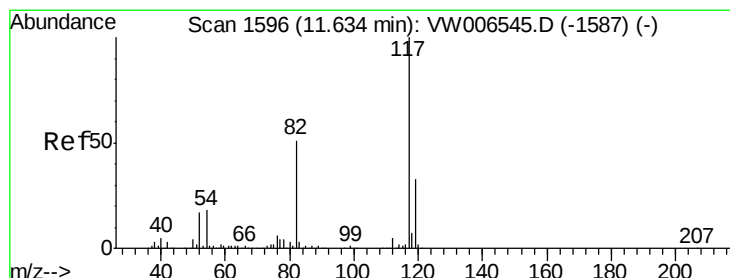
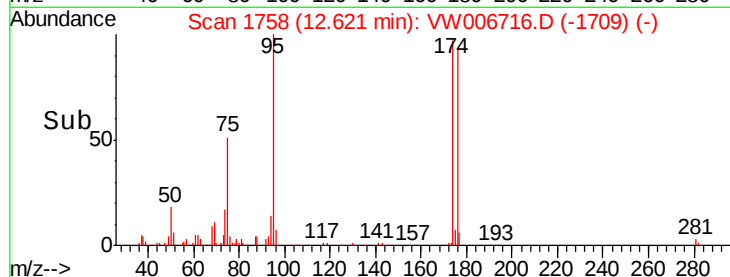
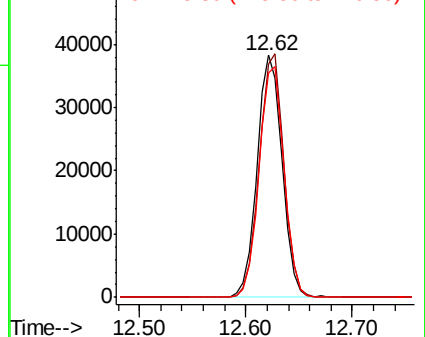
95 100

174 98.7 0.0 192.4

176 95.1 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: VW006716.D

Acq: 07 Nov 2018 05:55

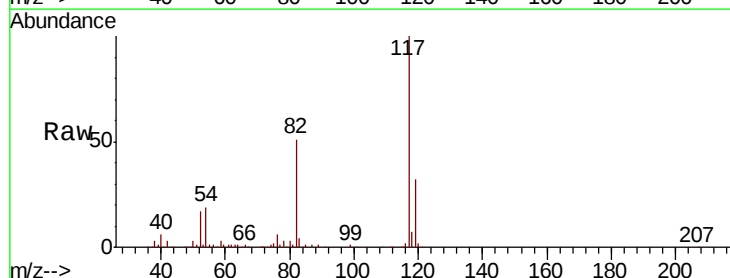
Tgt Ion: 117 Resp: 142914

Ion Ratio Lower Upper

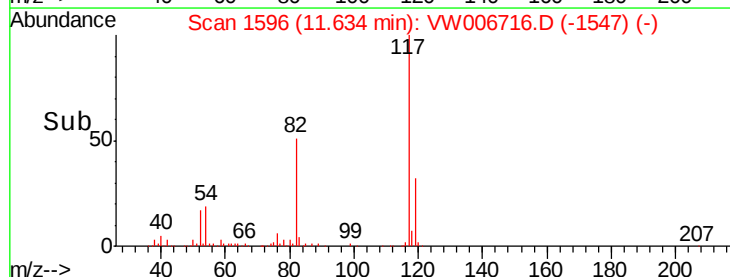
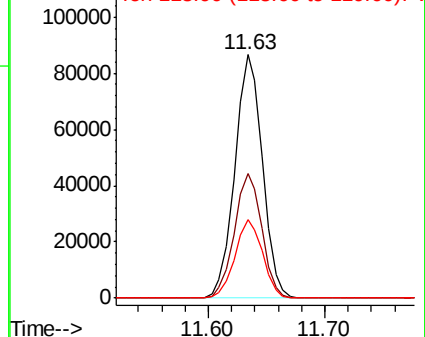
117 100

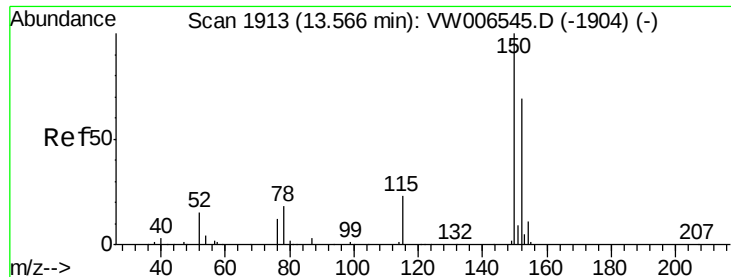
82 51.0 40.8 61.2

119 32.2 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: VW006716.D

Acq: 07 Nov 2018 05:55

Instrument :

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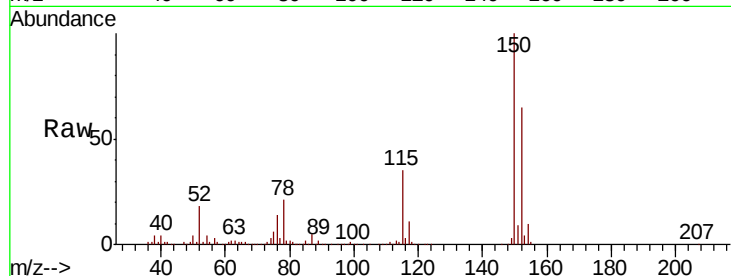
Tot Ion:152 Resp: 60394

Ion Ratio Lower Upper

152 100

115 54.0 26.6 79.8

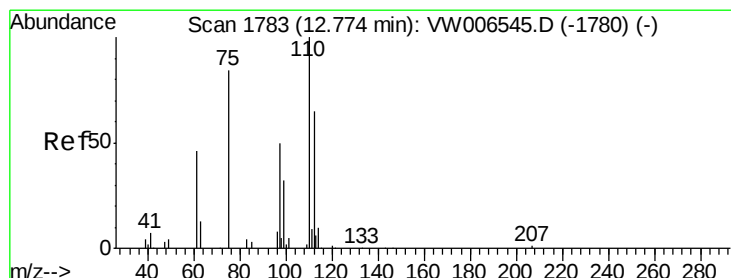
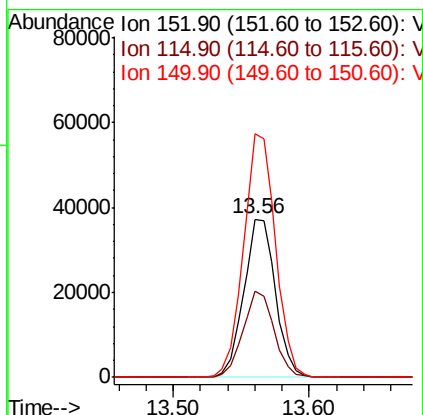
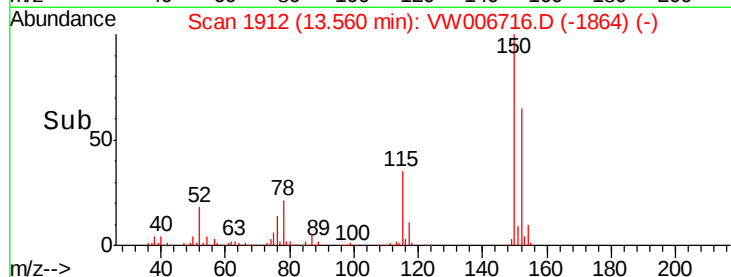
150 155.7 0.0 344.6



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: 64.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006716.D

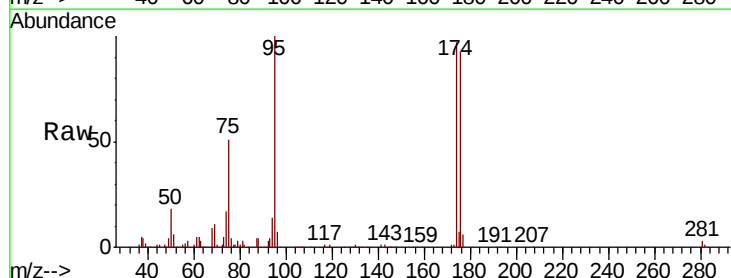
Acq: 07 Nov 2018 05:55

Tgt Ion: 75 Resp: 30460

Ion Ratio Lower Upper

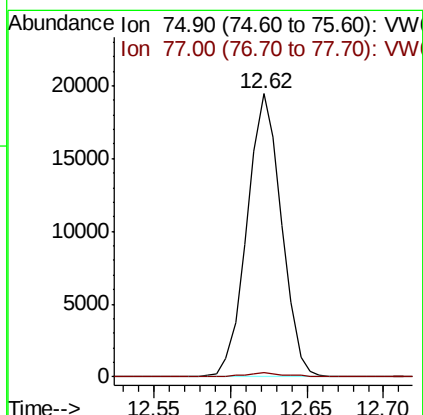
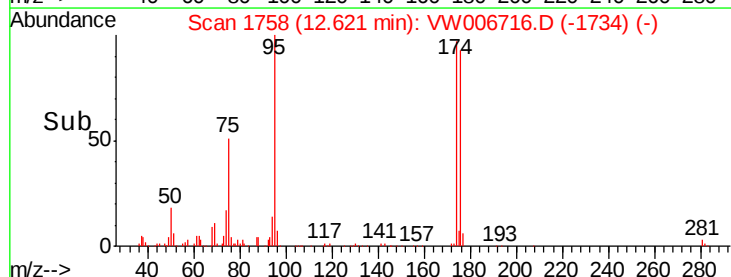
75 100

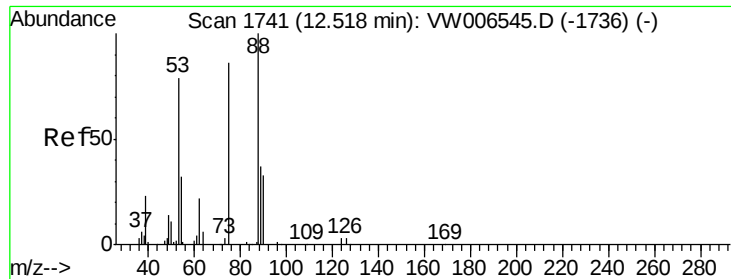
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

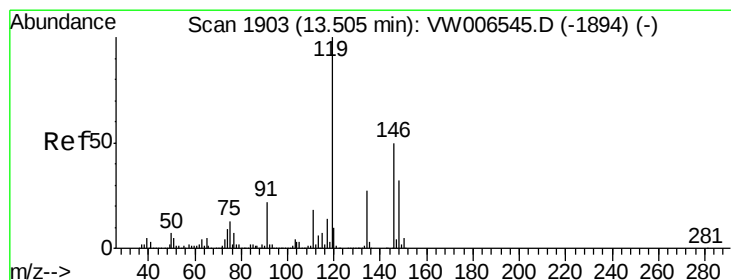
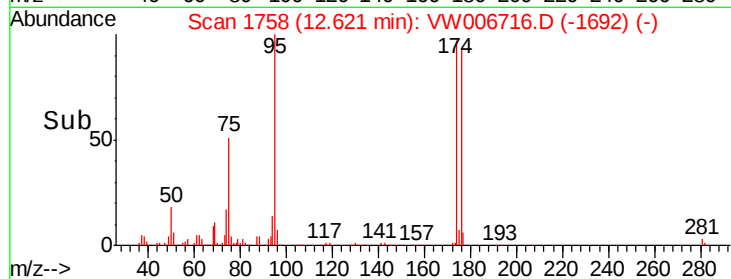
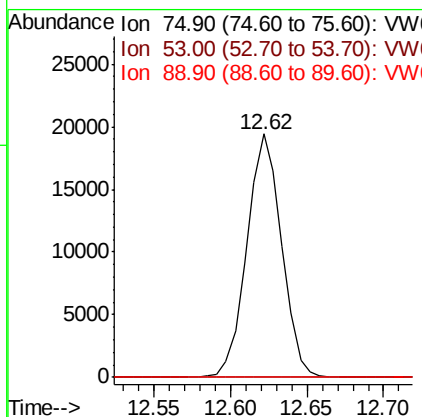
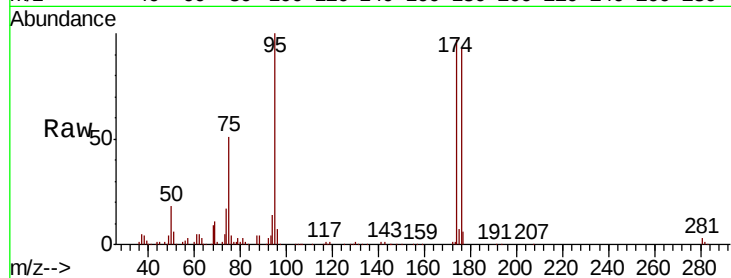




#81
trans-1,4-Dichloro-2-butene
Concen: 161.157 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

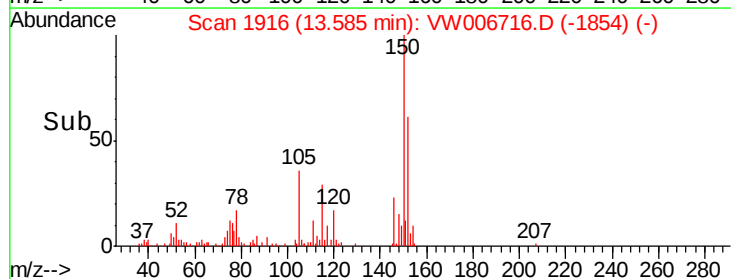
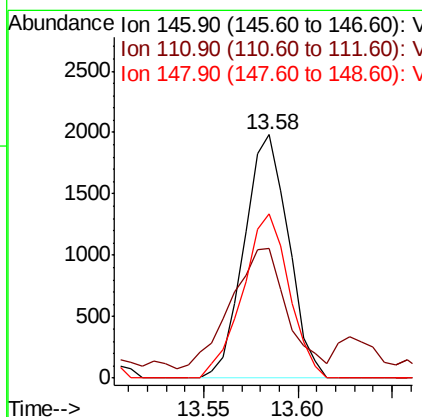
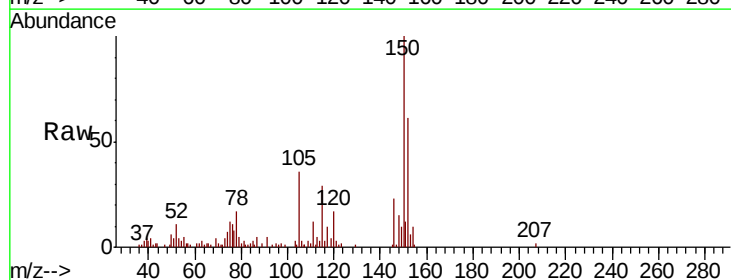
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-JRE

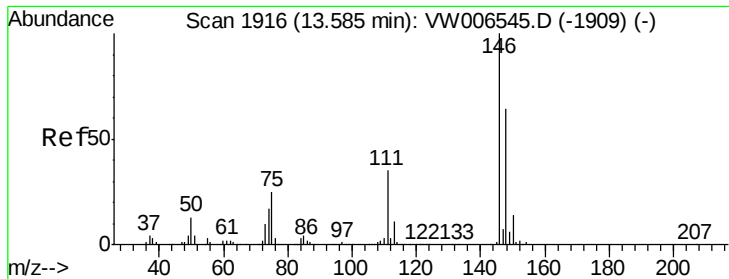
Tot Ion: 75 Resp: 30460
Ion Ratio Lower Upper
75 100
53 0.0 77.2 115.8#
89 0.0 38.6 58.0#



#87
1,3-Dichlorobenzene
Concen: 1.587 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.08 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

Tgt Ion: 146 Resp: 3220
Ion Ratio Lower Upper
146 100
111 66.1 18.6 55.6#
148 71.0 32.1 96.3

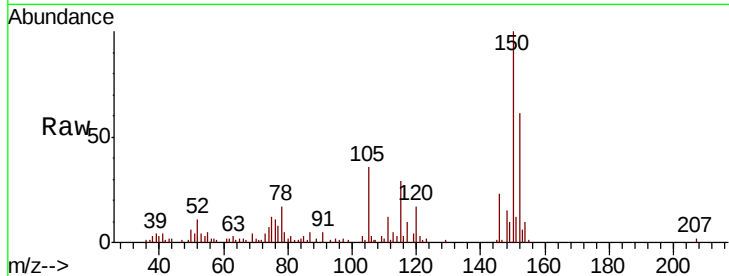




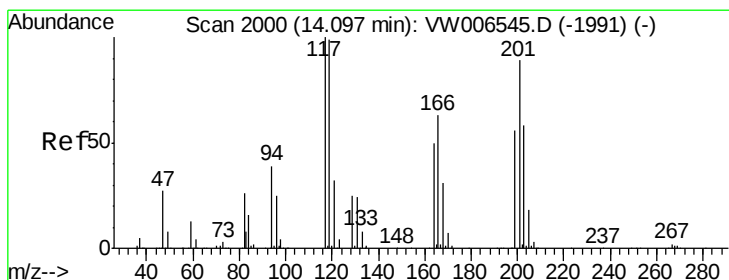
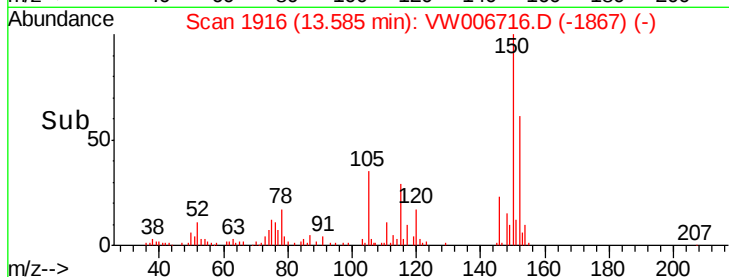
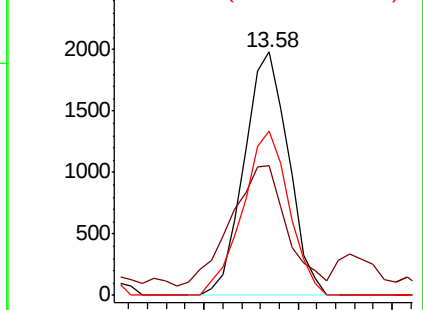
#88
 1,4-Dichlorobenzene
 Concen: 1.601 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006716.D
 Acq: 07 Nov 2018 05:55

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

Tot Ion:146 Resp: 3220
 Ion Ratio Lower Upper
 146 100
 111 66.5 17.9 53.7#
 148 71.0 32.1 96.5

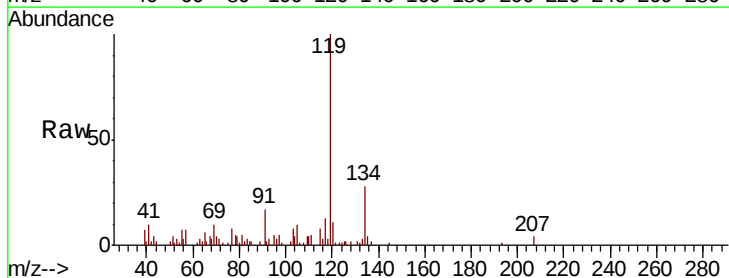


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#90
 Hexachloroethane
 Concen: 1.661 ug/l
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: VW006716.D
 Acq: 07 Nov 2018 05:55

Tgt Ion:117 Resp: 1037
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.8 140.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

