

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004623.D
 Acq On : 11 Aug 2018 04:09
 Operator : SY/AP
 Sample : J4272-11
 Misc : 6.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-F

Quant Time: Aug 11 05:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

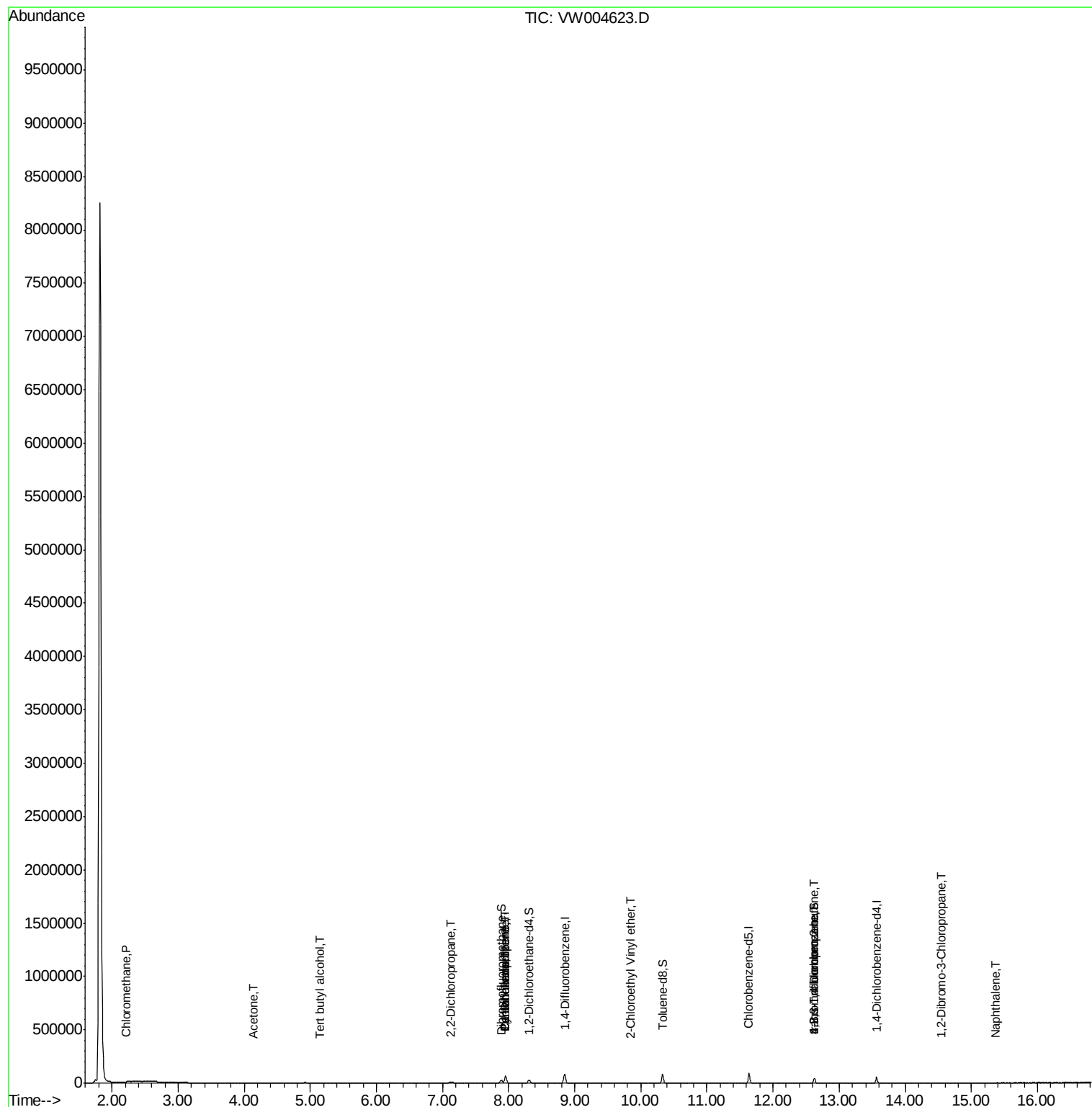
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	49017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	68655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	53253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22151	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
35) Dibromofluoromethane	7.88	113	20594	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	10.33	98	57011	32.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.34%	
62) 4-Bromofluorobenzene	12.62	95	14507	23.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.21	50	559	1.193	ug/l	89
11) Tert butyl alcohol	5.14	59	56	1.763	ug/l #	70
16) Acetone	4.14	43	211	1.557	ug/l #	68
20) Methylene Chloride	4.92	84	3268	Below Cal	#	91
26) 2,2-Dichloropropane	7.13	77	813	1.458	ug/l #	50
31) Cyclohexane	7.95	56	1095	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	4172	5.644	ug/l #	46
38) Carbon Tetrachloride	7.95	117	4864	7.312	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.85	63	25	9.040	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	6628	42.293	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	6628	101.243	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.55	75	87	2.435	ug/l #	2
95) Naphthalene	15.37	128	236	3.243	ug/l #	69

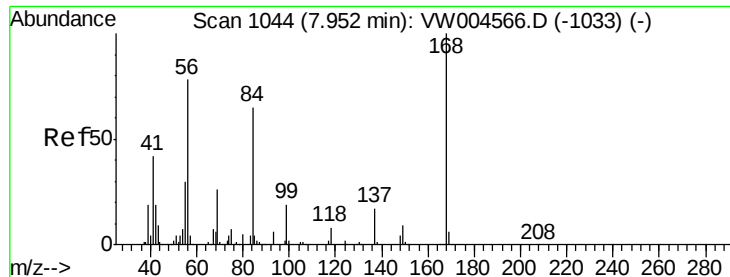
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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QLast Update : Tue Aug 07 08:22:01 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004623.D

Acq: 11 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

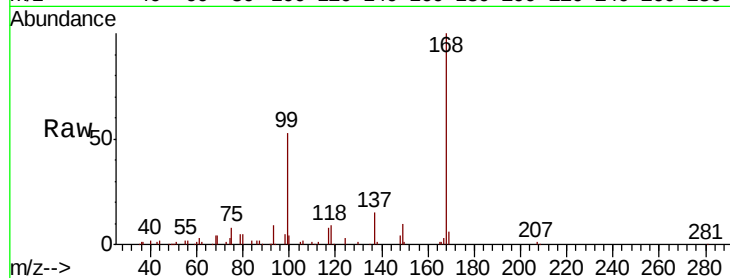
JC-03-080918-F

Tgt Ion:168 Resp: 49017

Ion Ratio Lower Upper

168 100

99 53.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

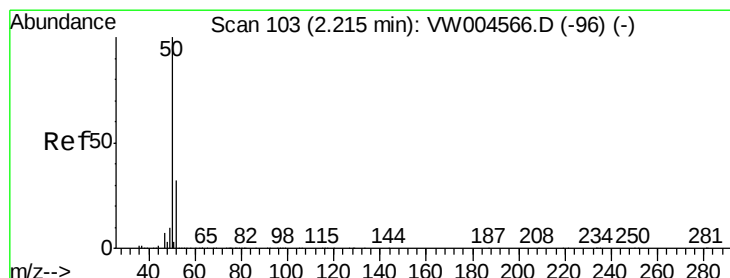
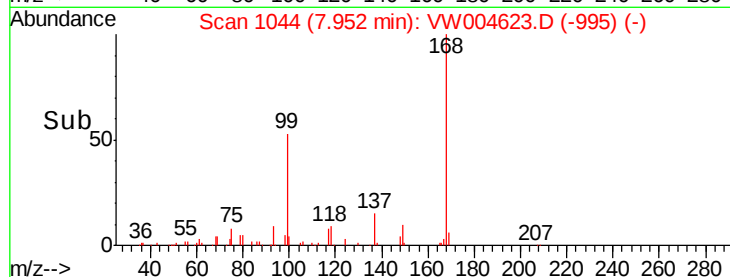
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#3

Chloromethane

Concen: 1.193 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004623.D

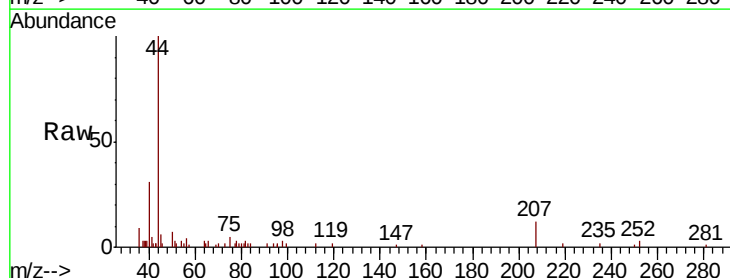
Acq: 11 Aug 2018 04:09

Tgt Ion: 50 Resp: 559

Ion Ratio Lower Upper

50 100

52 26.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

300

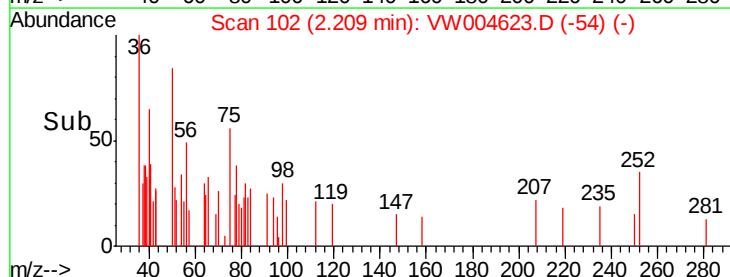
200

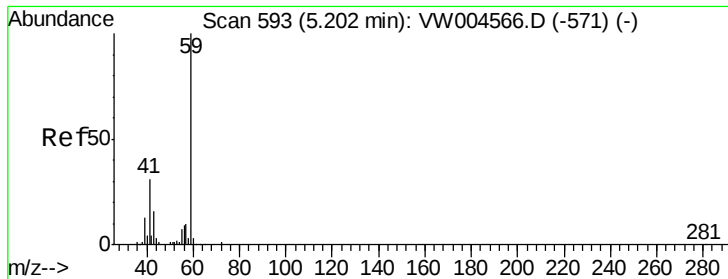
100

0

Time-->

2.20 2.25

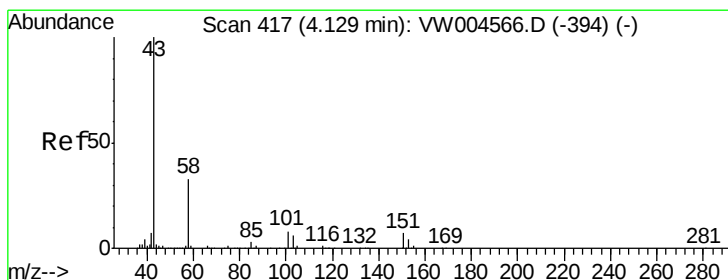
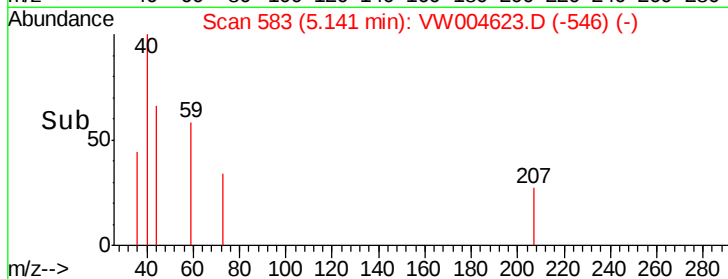
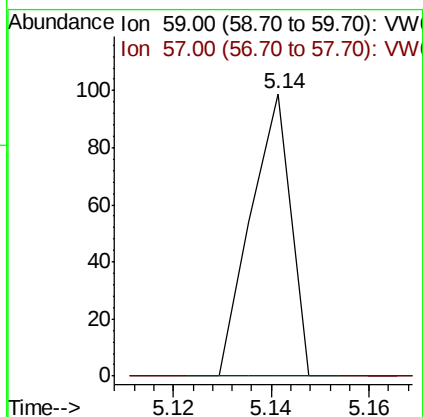
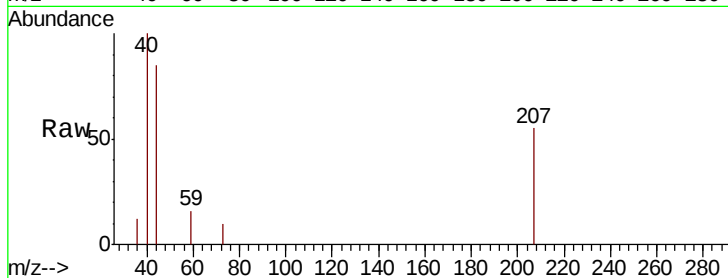




#11
Tert butyl alcohol
Concen: 1.763 ug/l
RT: 5.14 min Scan# 583
Delta R.T. -0.07 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

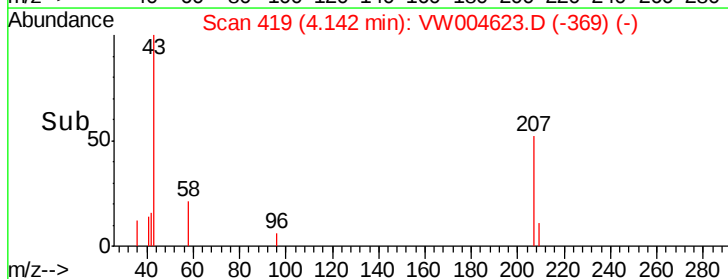
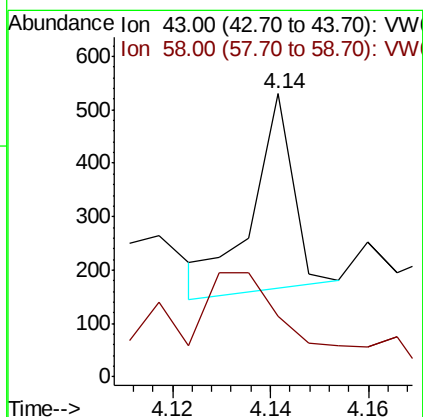
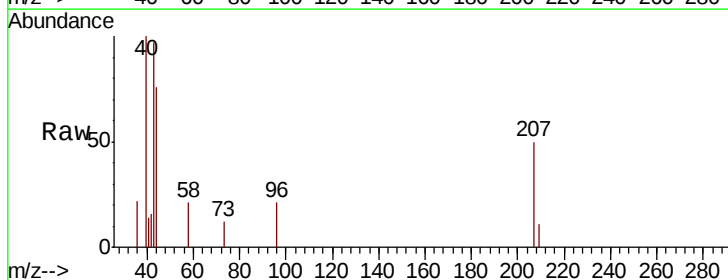
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-F

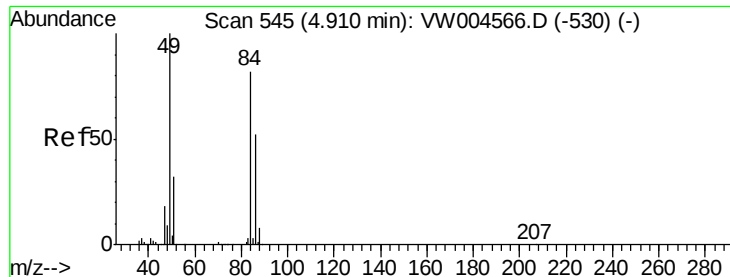
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#



#16
Acetone
Concen: 1.557 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 15.4 26.8 40.2#

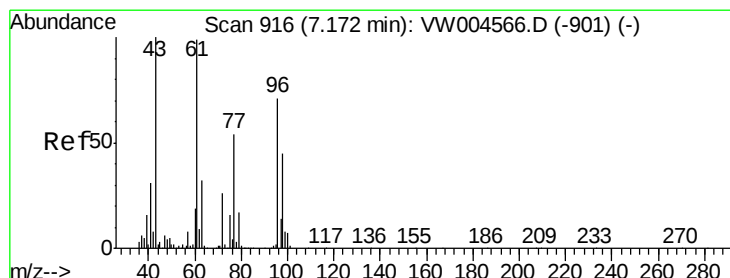
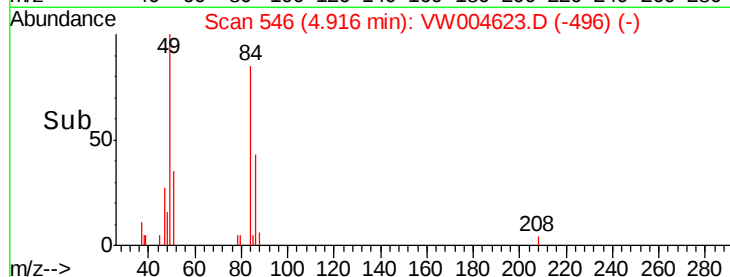
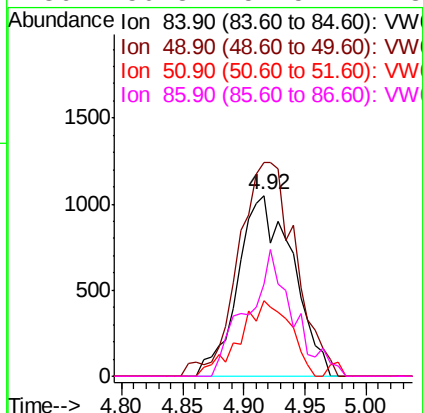
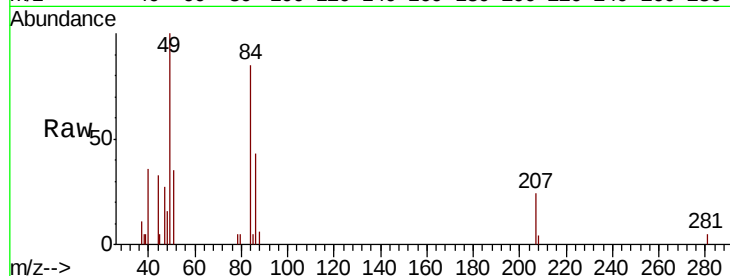




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

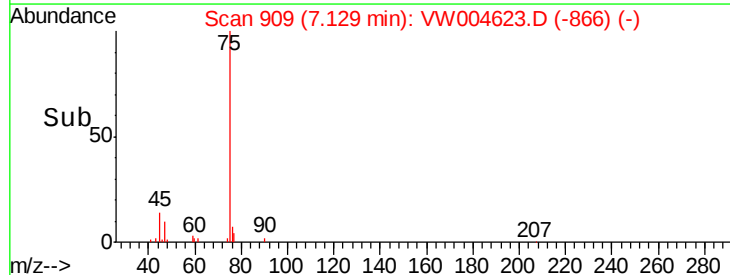
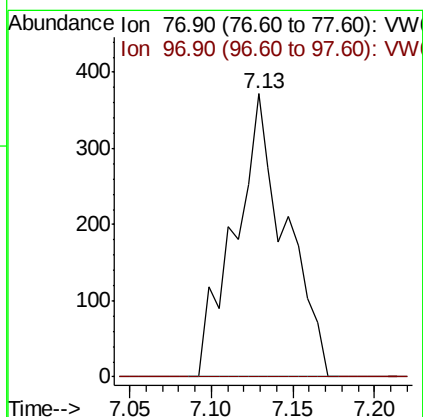
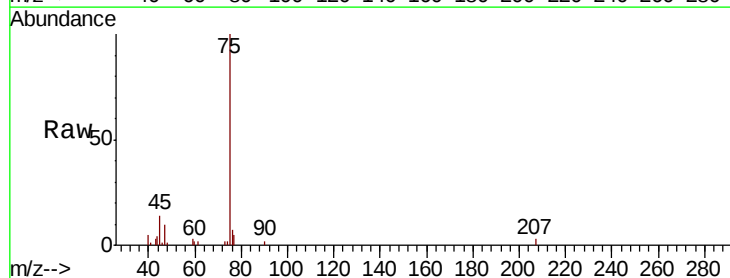
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-F

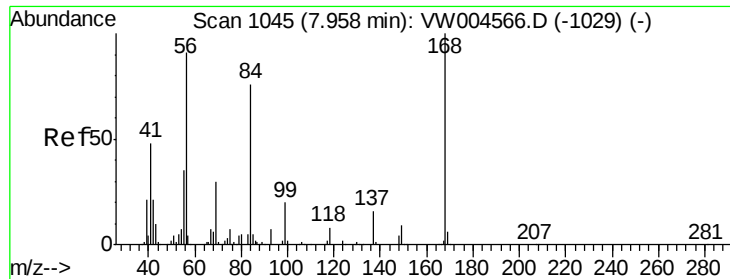
Tgt Ion: 84 Resp: 3268
Ion Ratio Lower Upper
84 100
49 118.0 99.6 149.4
51 41.6 31.0 46.4
86 50.8 51.5 77.3#



#26
2,2-Dichloropropane
Concen: 1.458 ug/l
RT: 7.13 min Scan# 909
Delta R.T. -0.04 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

Tgt Ion: 77 Resp: 813
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#

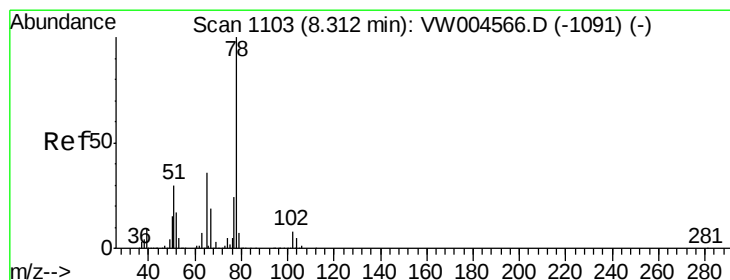
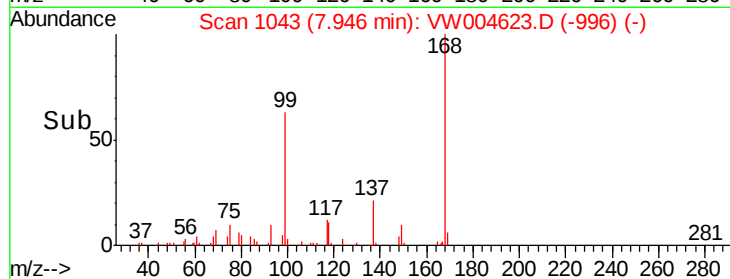
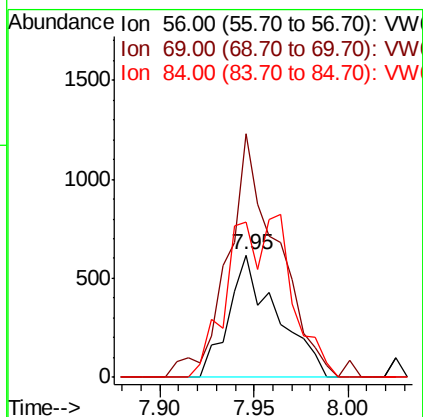
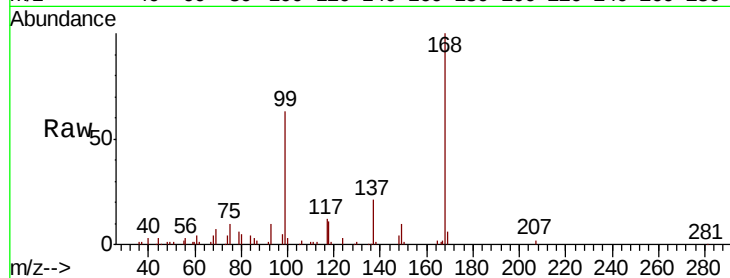




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

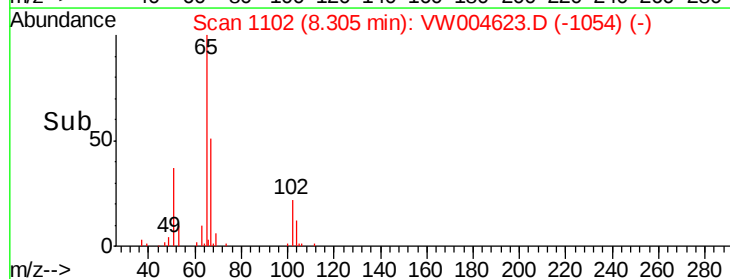
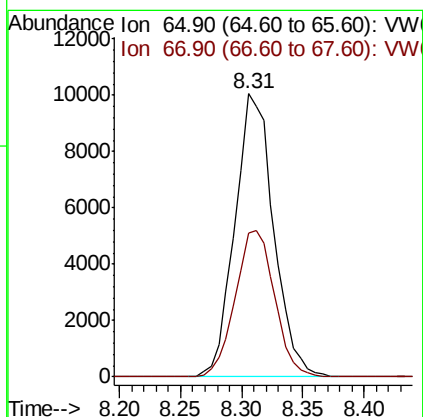
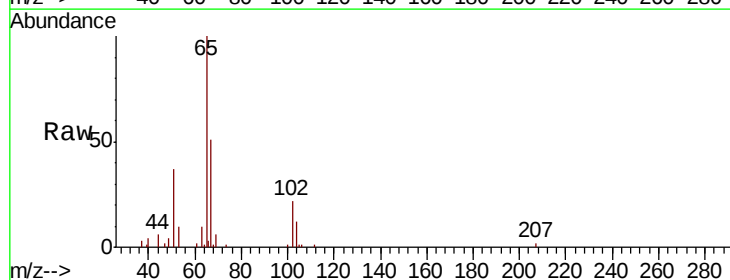
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-F

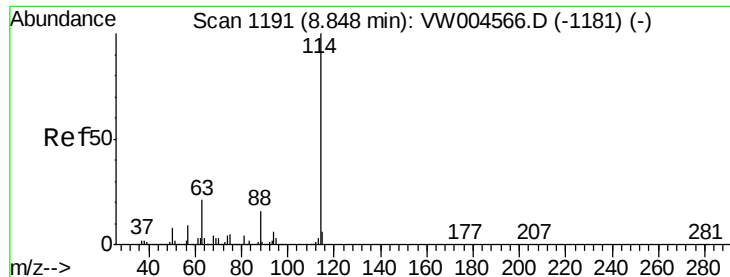
Tgt Ion: 56 Resp: 1095
Ion Ratio Lower Upper
56 100
69 198.5 26.4 39.6#
84 126.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 40.824 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

Tgt Ion: 65 Resp: 22151
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0

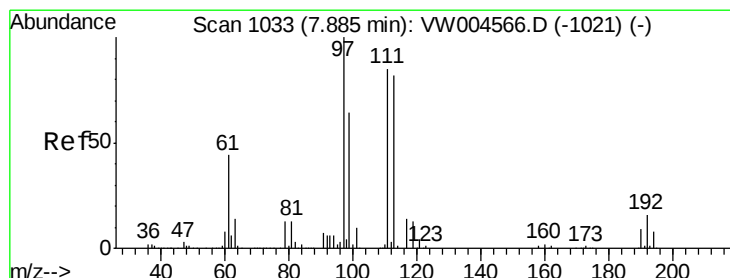
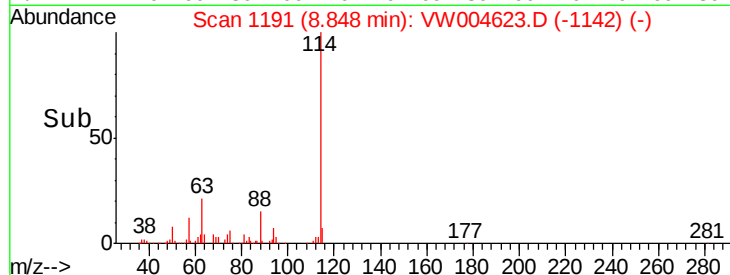
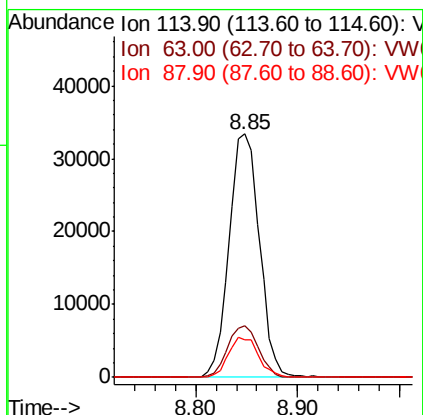
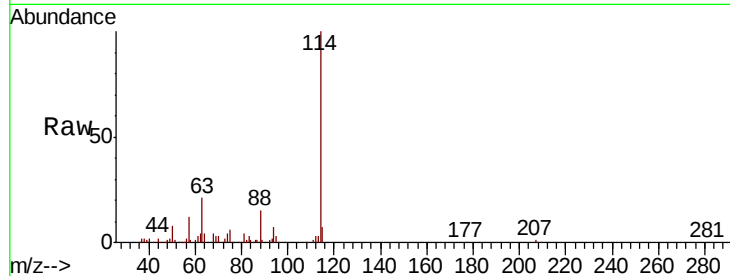




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004623.D
 Acq: 11 Aug 2018 04:09

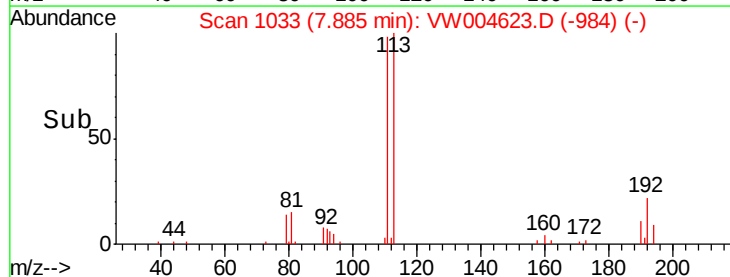
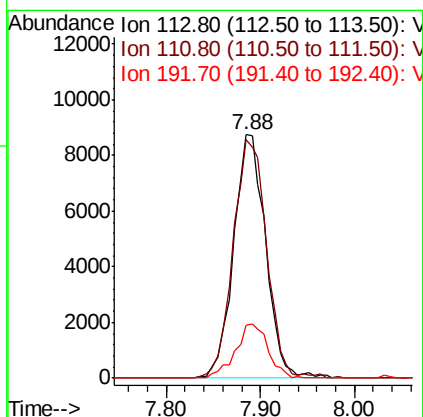
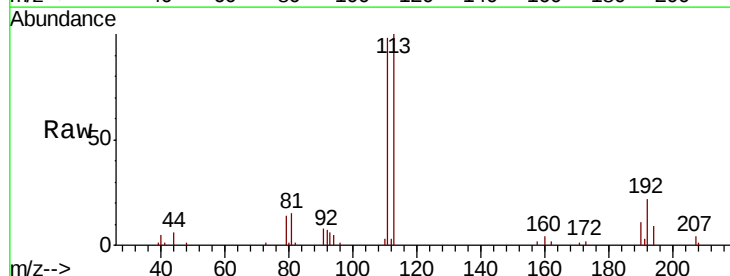
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-F

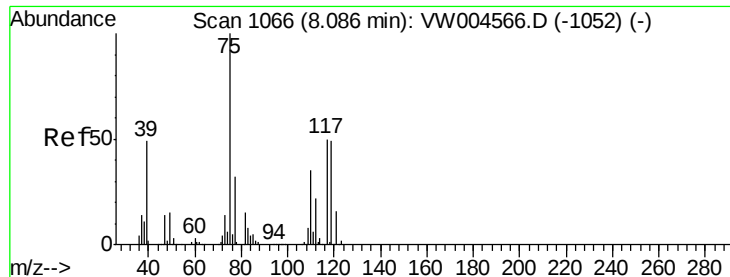
Tgt Ion:114 Resp: 68655
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.2 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 44.988 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004623.D
 Acq: 11 Aug 2018 04:09

Tgt Ion:113 Resp: 20594
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 22.6 15.8 23.6





#36

1,1-Dichloropropene

Concen: 5.644 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW004623.D

Acq: 11 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-F

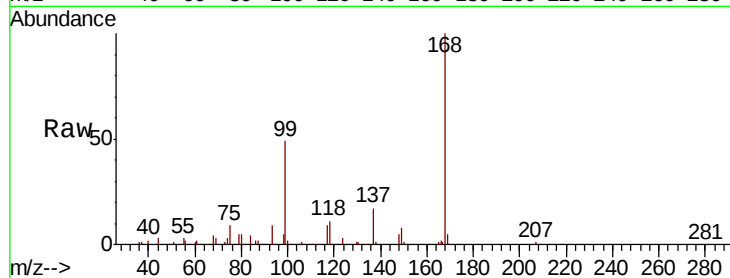
Tgt Ion: 75 Resp: 4172

Ion Ratio Lower Upper

75 100

110 4.4 17.4 52.2#

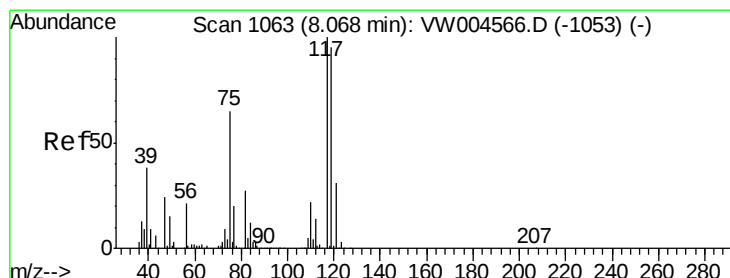
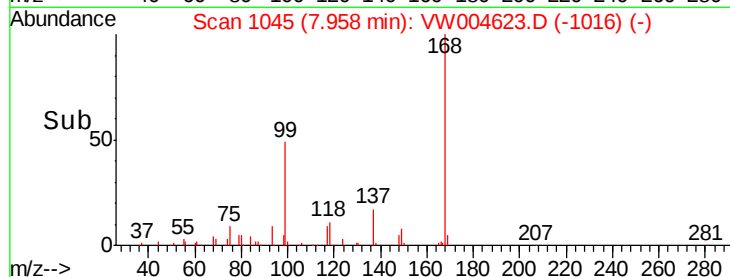
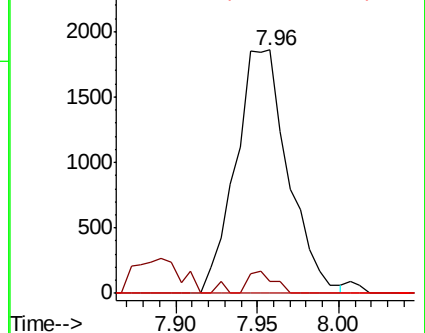
77 0.0 24.7 37.1#



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



#38

Carbon Tetrachloride

Concen: 7.312 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004623.D

Acq: 11 Aug 2018 04:09

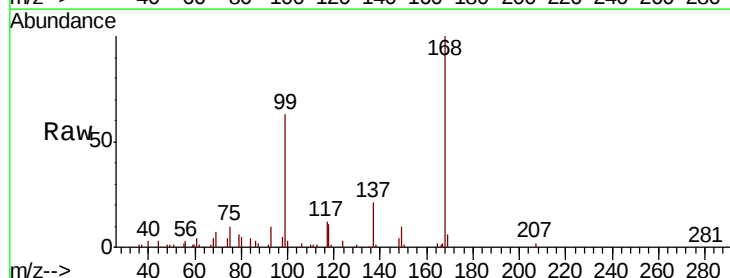
Tgt Ion: 117 Resp: 4864

Ion Ratio Lower Upper

117 100

119 7.2 76.1 114.1#

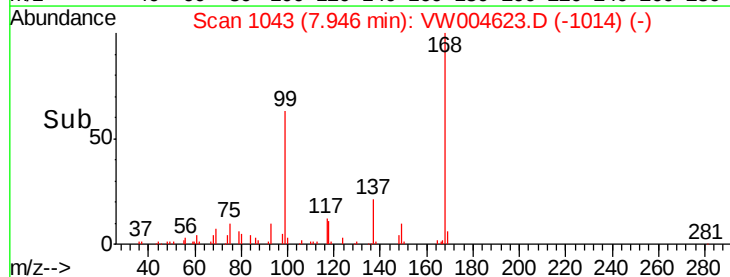
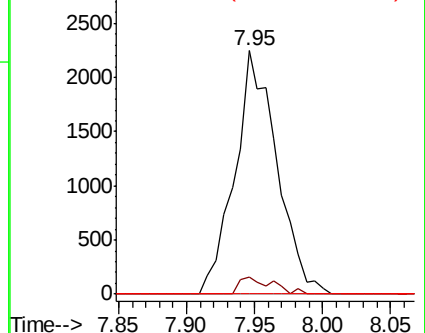
121 0.0 24.2 36.4#

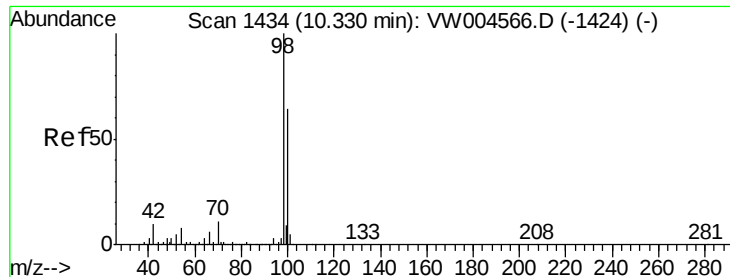


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 32.668 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004623.D

Acq: 11 Aug 2018 04:09

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ClientSampleId :

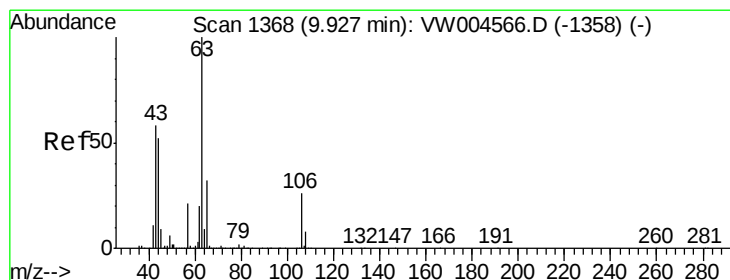
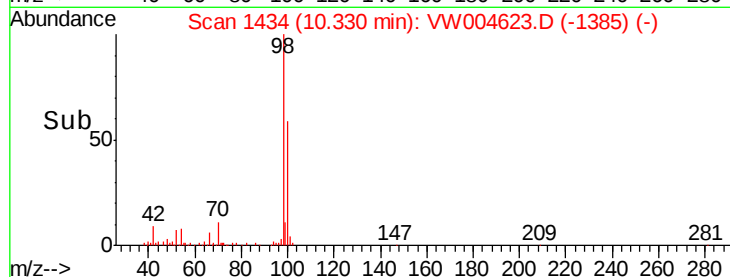
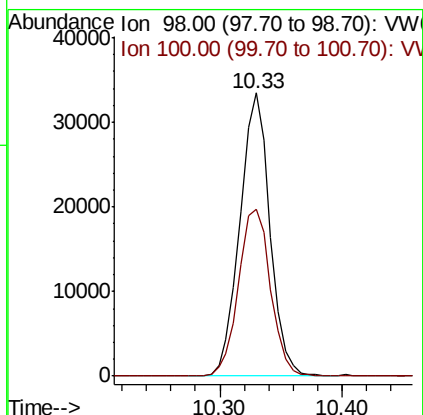
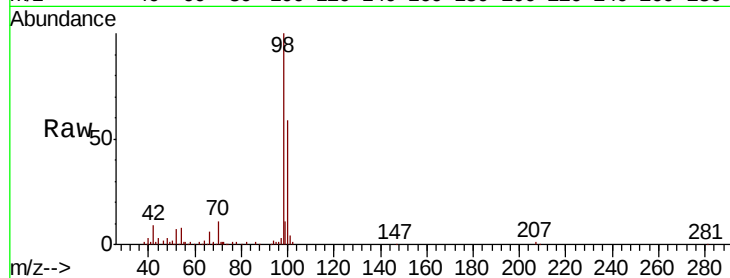
JC-03-080918-F

Tgt Ion: 98 Resp: 57011

Ion Ratio Lower Upper

98 100

100 63.0 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.040 ug/l

RT: 9.85 min Scan# 1355

Delta R.T. -0.08 min

Lab File: VW004623.D

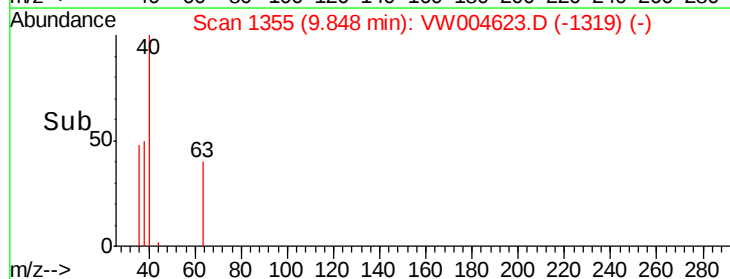
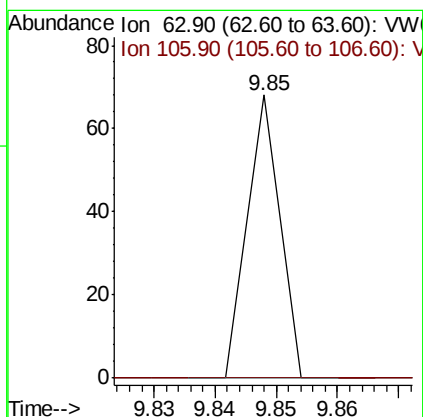
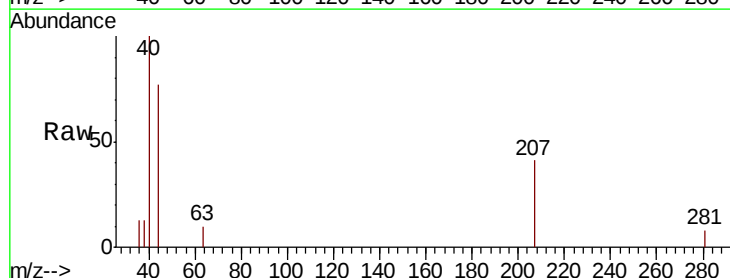
Acq: 11 Aug 2018 04:09

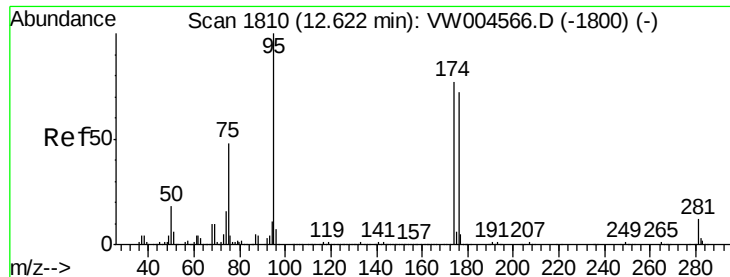
Tgt Ion: 63 Resp: 25

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

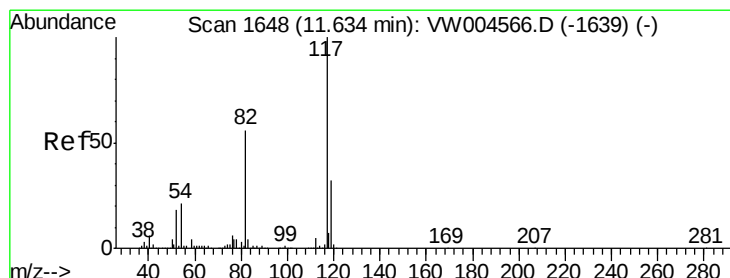
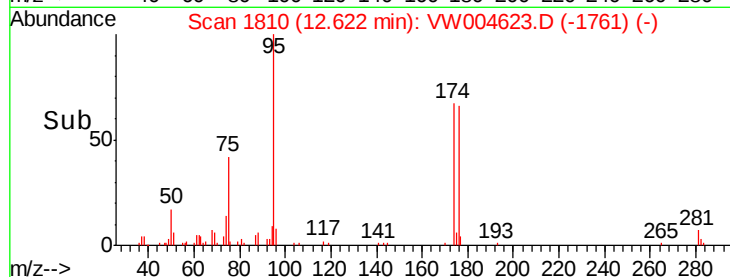
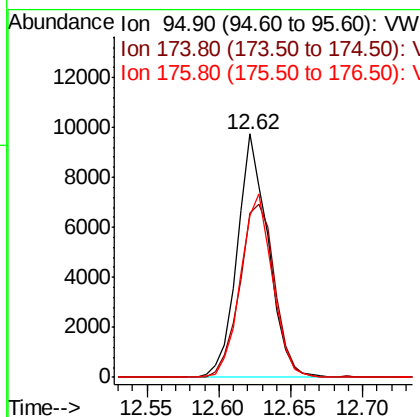
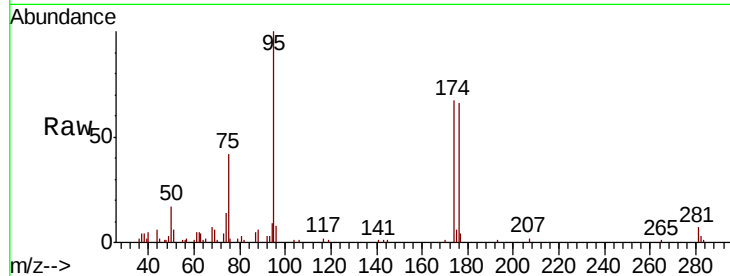




#62
4-Bromofluorobenzene
Concen: 23.077 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

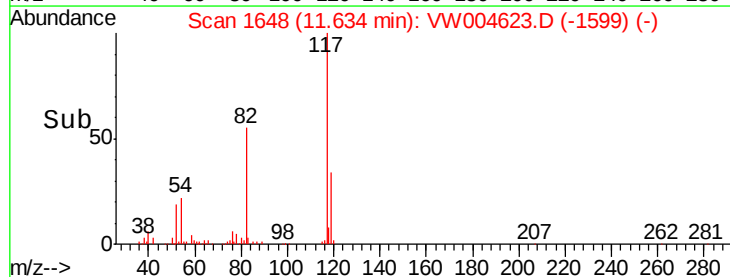
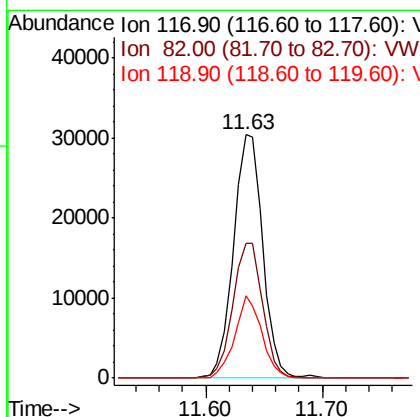
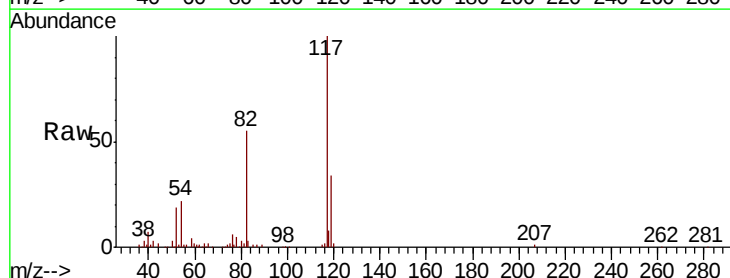
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-F

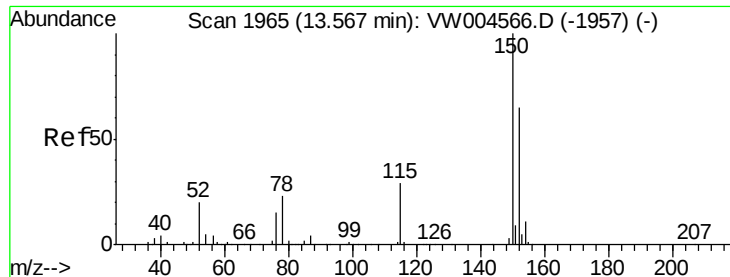
Tgt Ion: 95 Resp: 14507
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.4
176 77.5 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

Tgt Ion: 117 Resp: 53253
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 34.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004623.D

Acq: 11 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-F

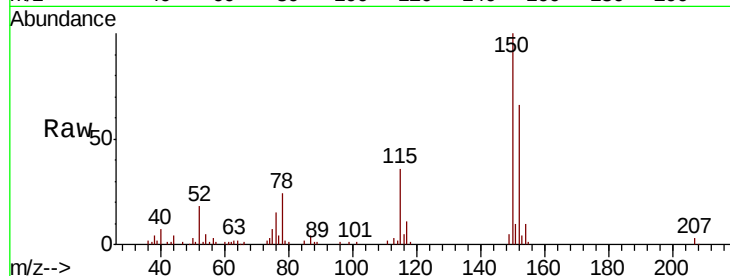
Tgt Ion:152 Resp: 15145

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

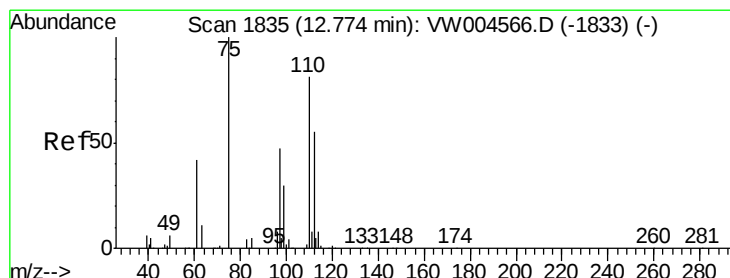
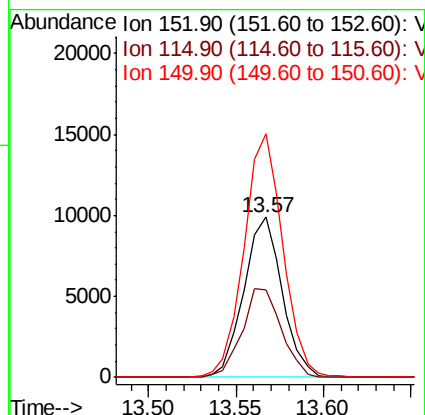
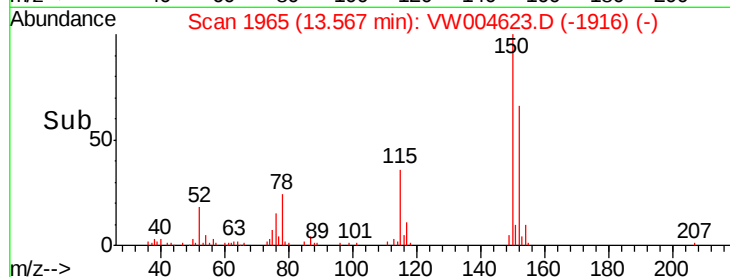
150 153.6 0.0 349.6



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: 42.293 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004623.D

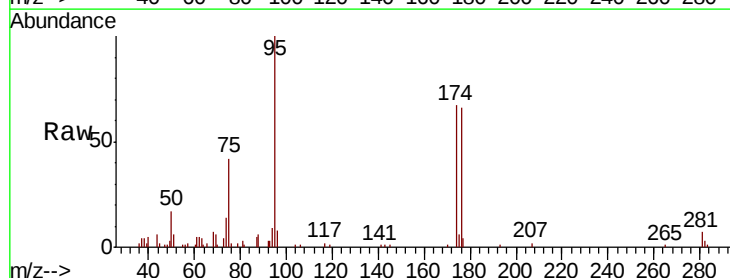
Acq: 11 Aug 2018 04:09

Tgt Ion: 75 Resp: 6628

Ion Ratio Lower Upper

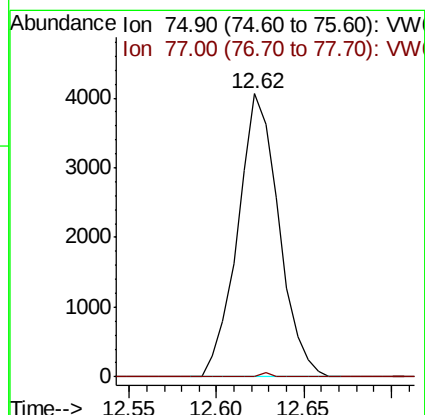
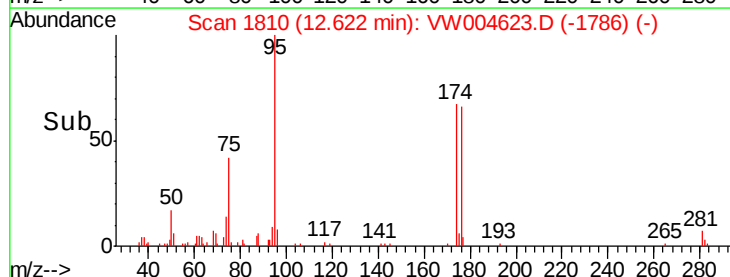
75 100

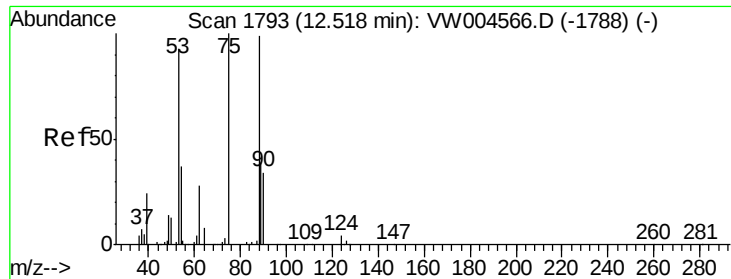
77 0.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

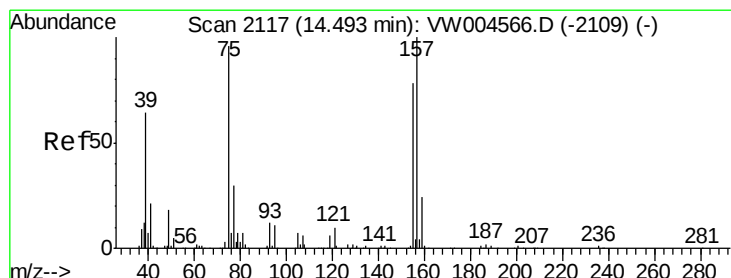
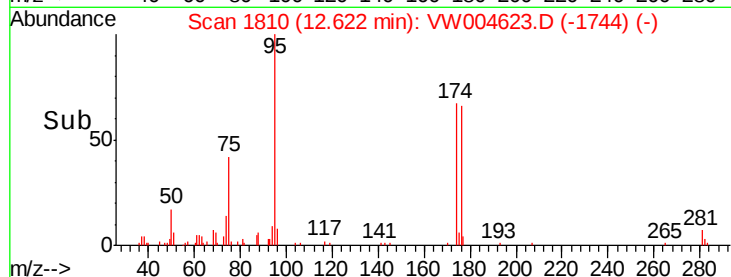
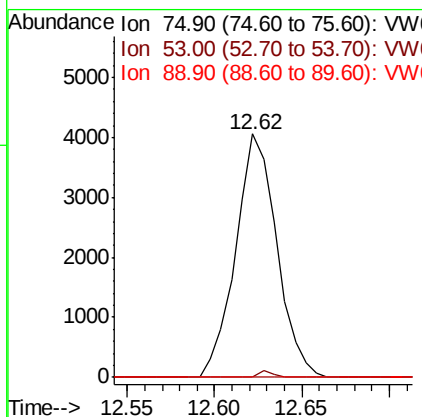
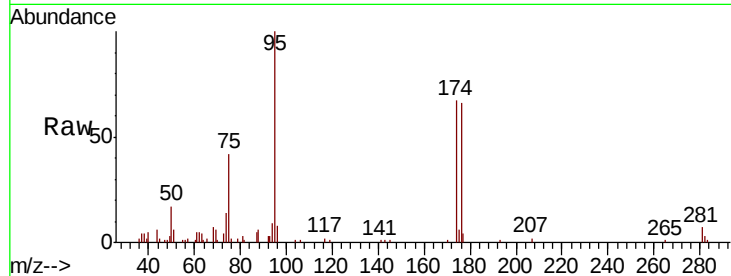




#81
trans-1,4-Dichloro-2-butene
Concen: 101.243 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

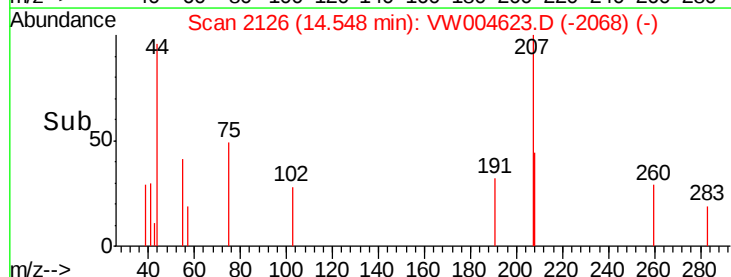
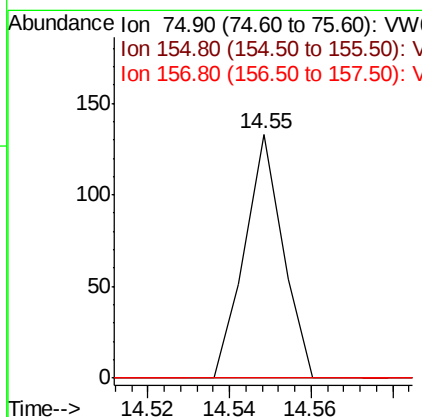
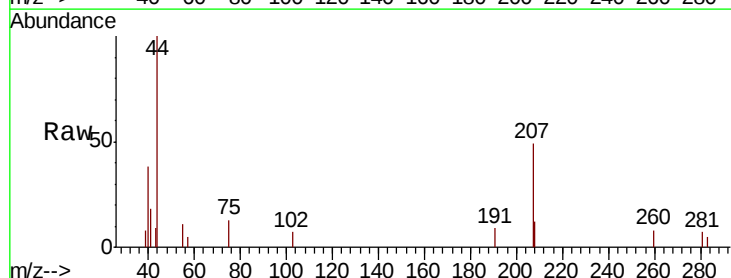
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-F

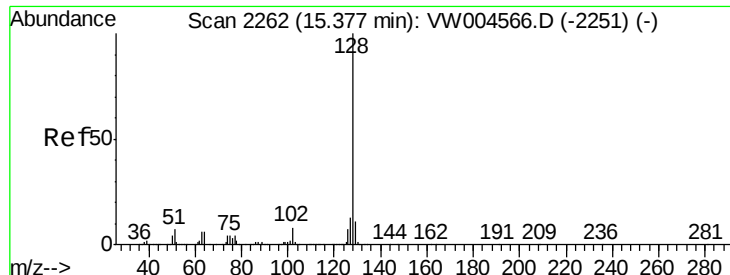
Tgt Ion: 75 Resp: 6628
Ion Ratio Lower Upper
75 100
53 0.9 74.4 111.6#
89 0.0 35.9 53.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.435 ug/l
RT: 14.55 min Scan# 2126
Delta R.T. 0.06 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

Tgt Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
155 0.0 41.3 123.7#
157 0.0 52.6 157.8#

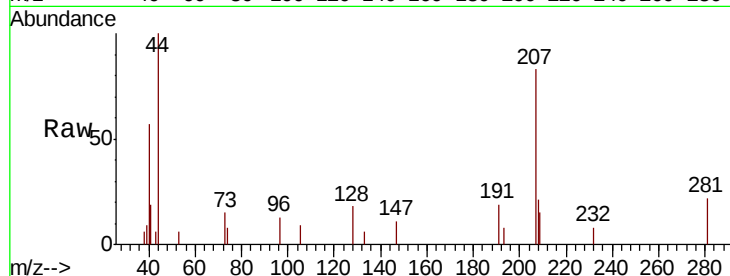




#95
Naphthalene
Concen: 3.243 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004623.D
Acq: 11 Aug 2018 04:09

Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-F

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

