

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004635.D
 Acq On : 11 Aug 2018 09:17
 Operator : SY/AP
 Sample : J4272-11RE
 Misc : 6.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

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

Quant Time: Aug 13 00:50:56 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	7.96	168	41863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	57878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	40902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10784	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	19448	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	83.94%		
35) Dibromofluoromethane	7.89	113	19043	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.70%		
50) Toluene-d8	10.33	98	55715	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery =	75.74%		
62) 4-Bromofluorobenzene	12.62	95	12388	23.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	46.76%		

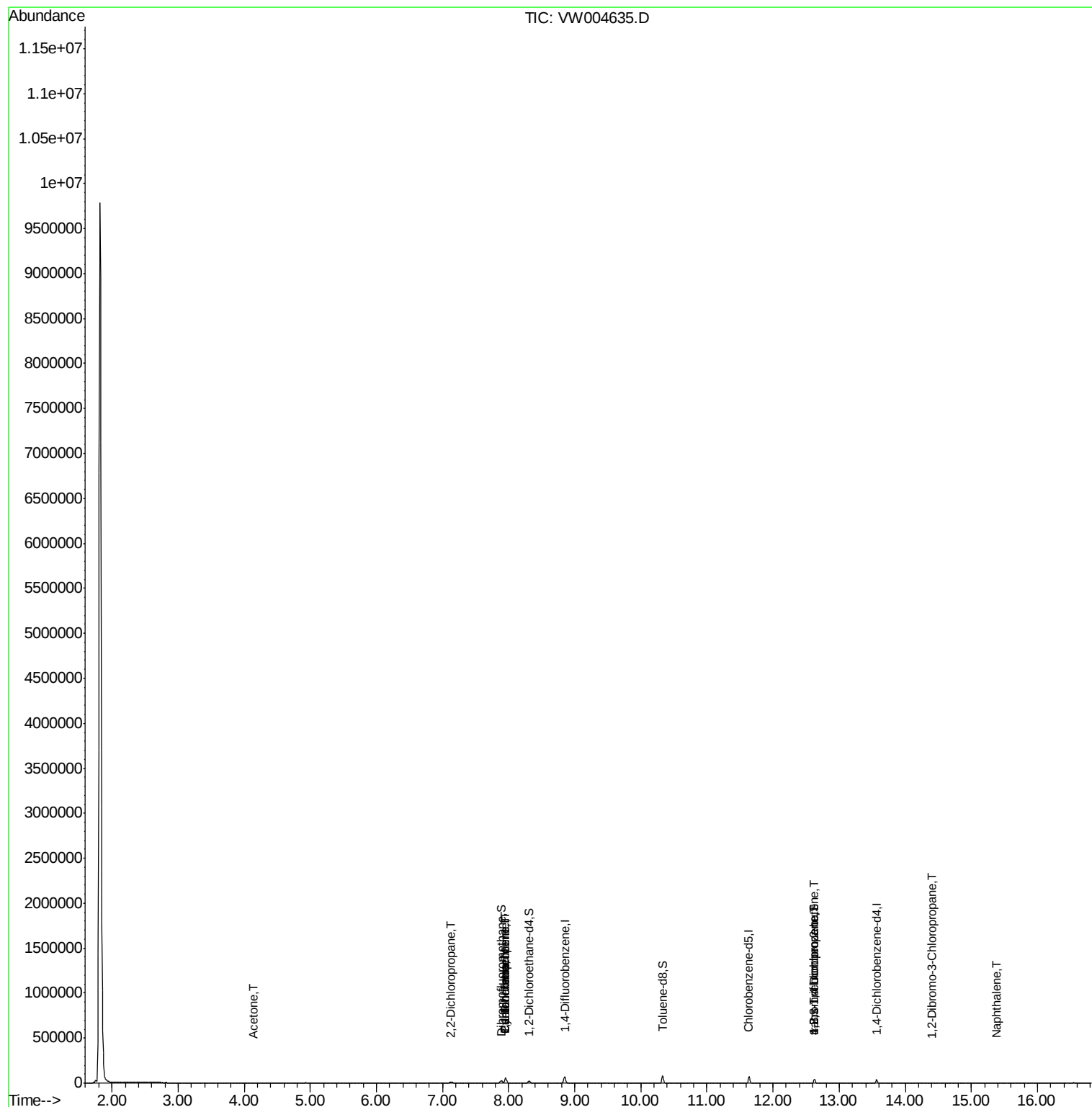
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	922	7.967	ug/l #	83
20) Methylene Chloride	4.93	84	3003	Below Cal	#	95
26) 2,2-Dichloropropane	7.13	77	707	1.485	ug/l #	50
31) Cyclohexane	7.95	56	1004	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	3314	5.318	ug/l #	50
38) Carbon Tetrachloride	7.95	117	4112	7.333	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	6145	55.067	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	6145	131.824	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.40	75	62	2.437	ug/l #	2
95) Naphthalene	15.38	128	76	3.063	ug/l #	69

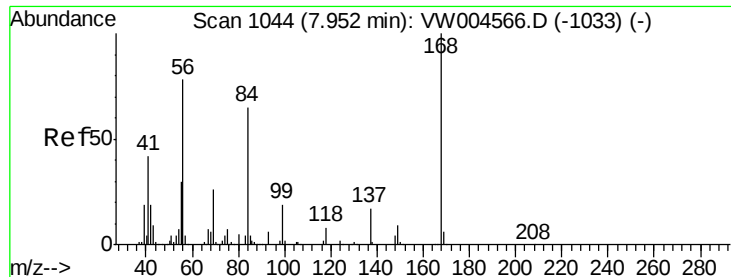
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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JC-03-080918-FRE

Quant Time: Aug 13 00:50:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

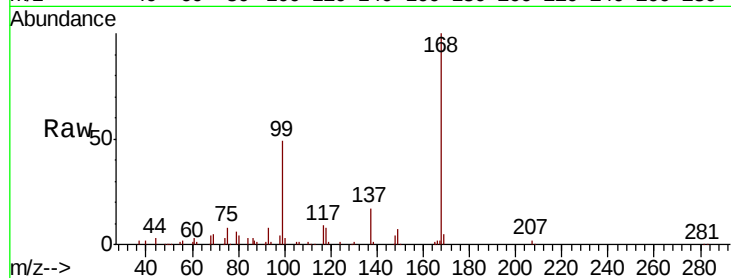
JC-03-080918-FRE

Tgt Ion:168 Resp: 41863

Ion Ratio Lower Upper

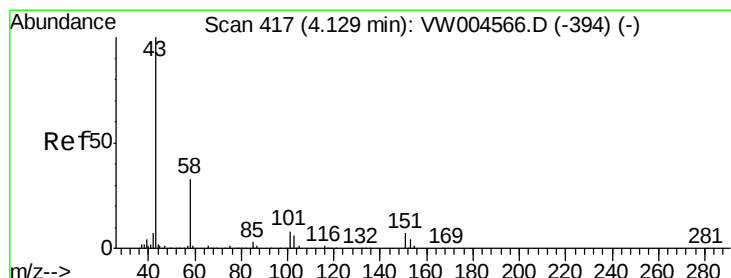
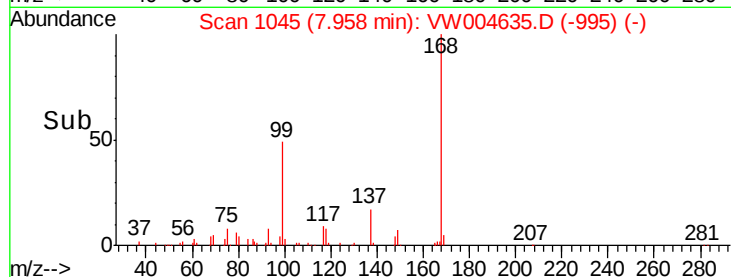
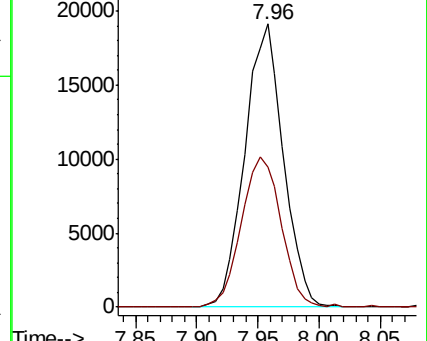
168 100

99 49.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.967 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004635.D

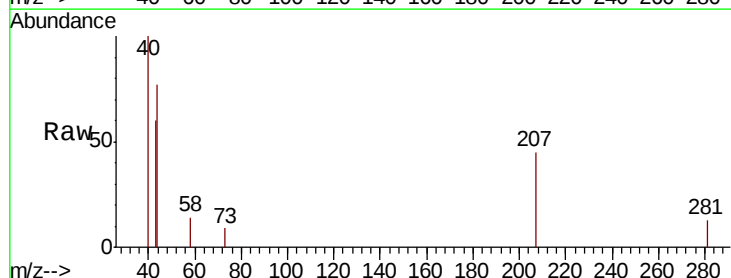
Acq: 11 Aug 2018 09:17

Tgt Ion: 43 Resp: 922

Ion Ratio Lower Upper

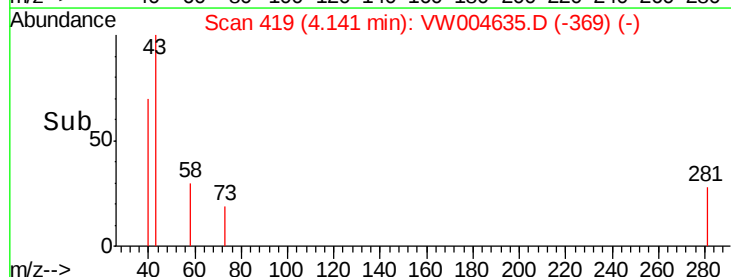
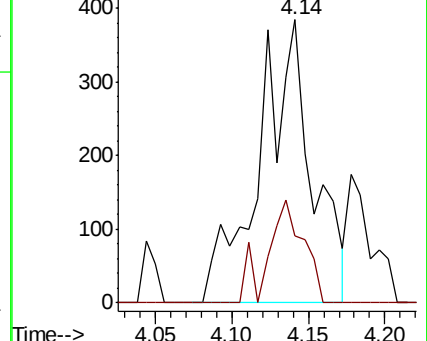
43 100

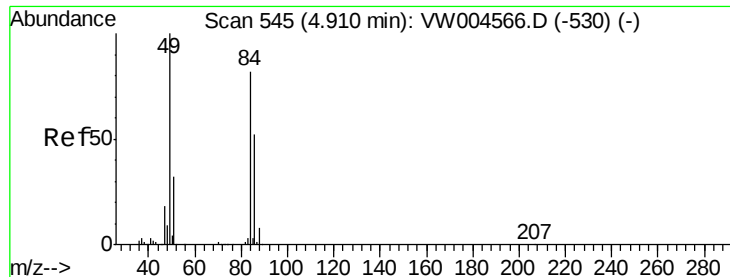
58 23.7 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

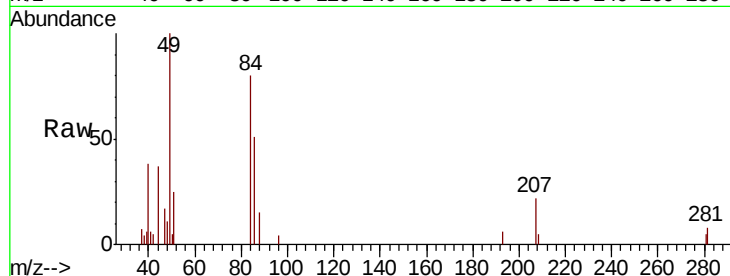




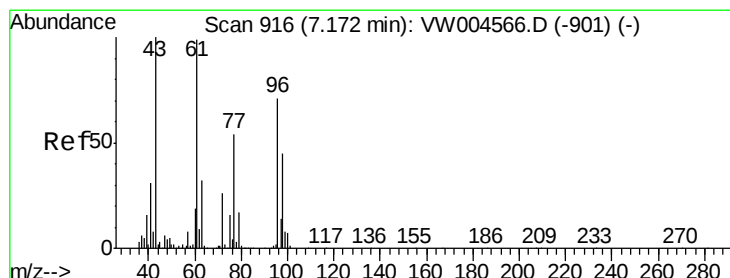
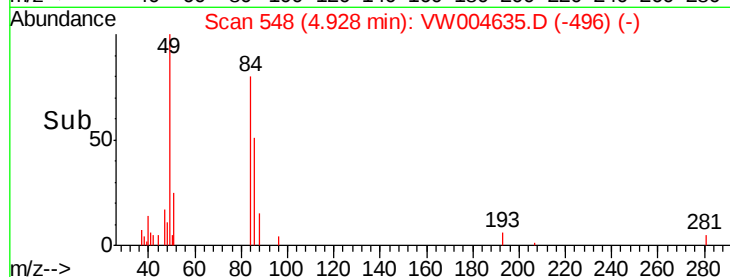
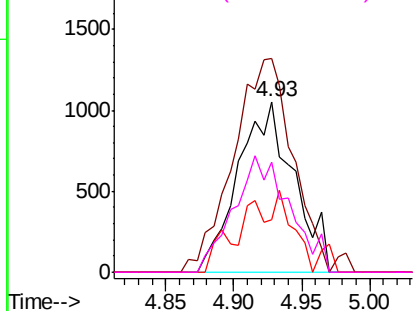
#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 548
Delta R.T. 0.02 min
Lab File: VW004635.D
Acq: 11 Aug 2018 09:17

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

Tgt Ion: 84 Resp: 3003
Ion Ratio Lower Upper
84 100
49 117.8 99.6 149.4
51 30.7 31.0 46.4#
86 64.3 51.5 77.3

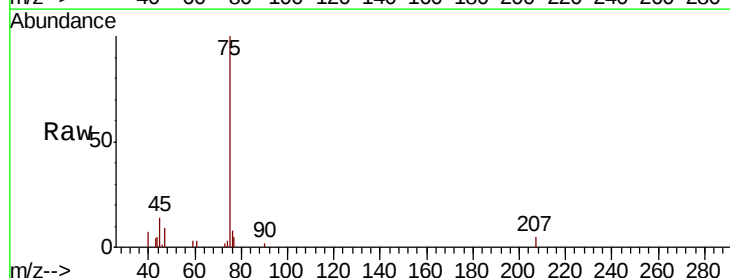


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

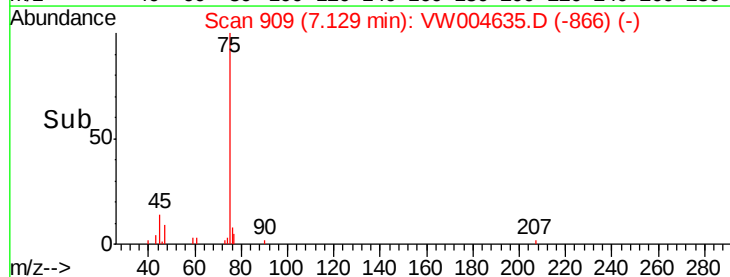
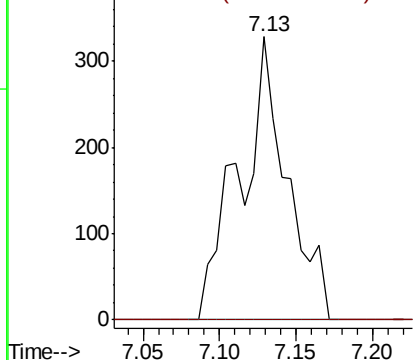


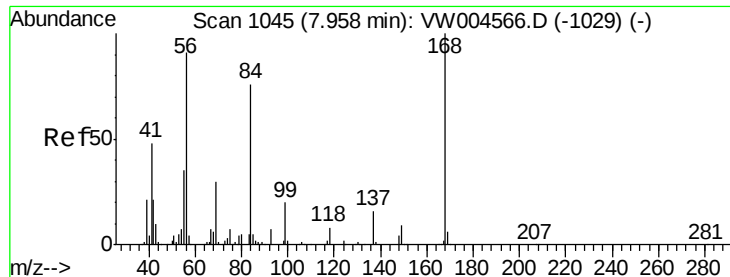
#26
2,2-Dichloropropane
Concen: 1.485 ug/l
RT: 7.13 min Scan# 909
Delta R.T. -0.04 min
Lab File: VW004635.D
Acq: 11 Aug 2018 09:17

Tgt Ion: 77 Resp: 707
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

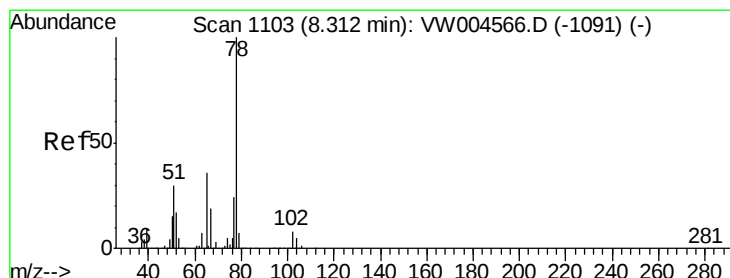
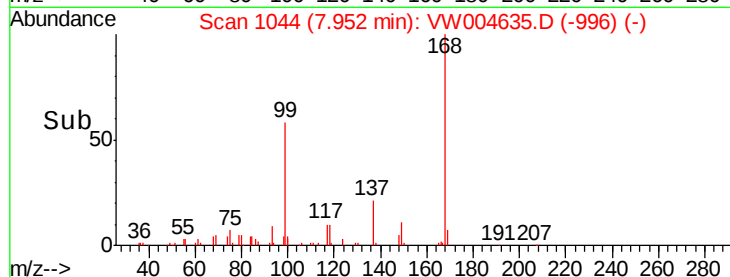
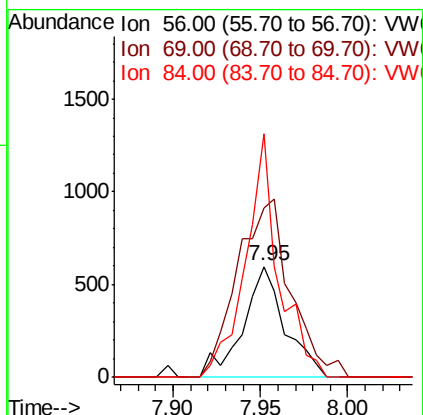
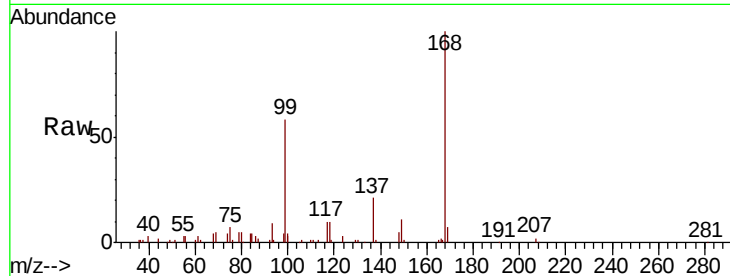




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004635.D
Acq: 11 Aug 2018 09:17

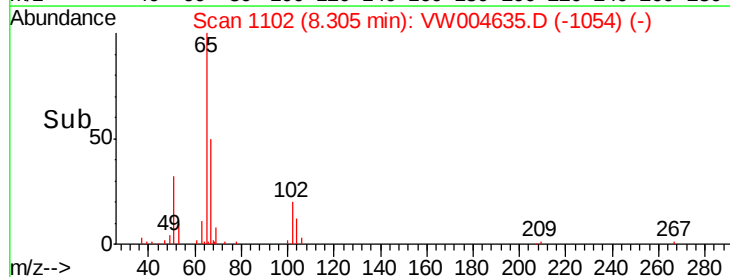
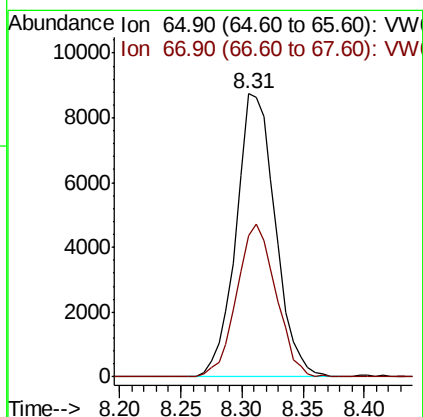
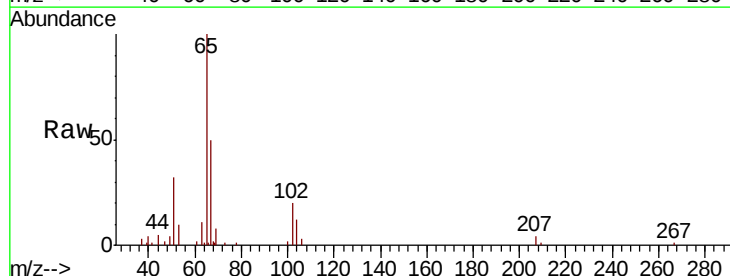
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-FRE

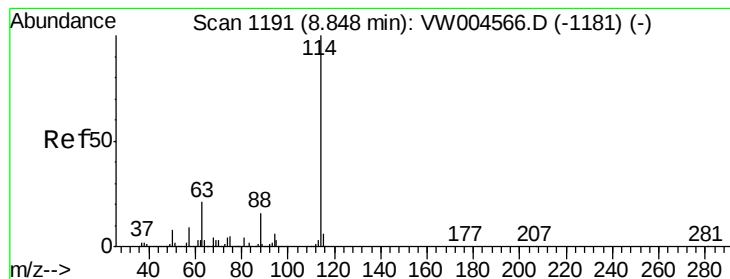
Tgt Ion: 56 Resp: 1004
Ion Ratio Lower Upper
56 100
69 152.1 26.4 39.6#
84 219.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 41.967 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004635.D
Acq: 11 Aug 2018 09:17

Tgt Ion: 65 Resp: 19448
Ion Ratio Lower Upper
65 100
67 53.9 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: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-FRE

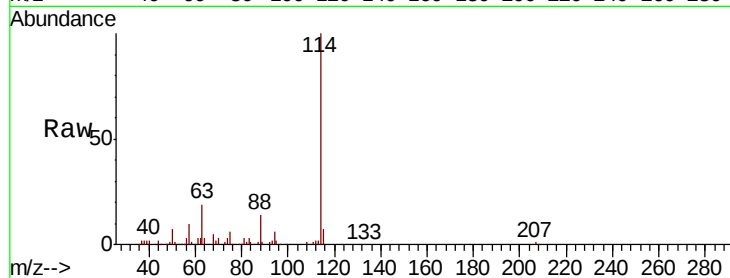
Tgt Ion:114 Resp: 57878

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

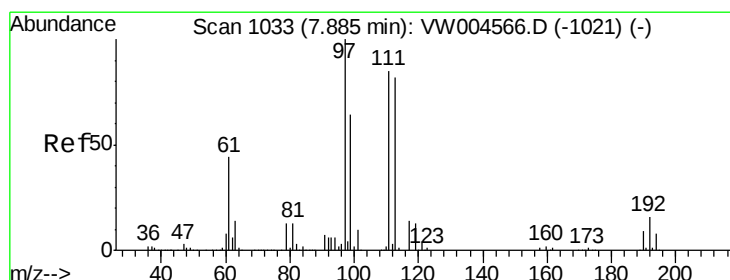
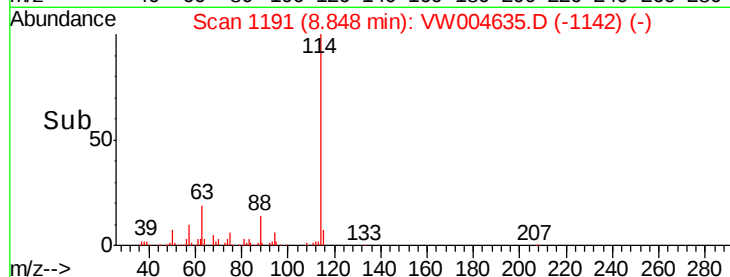
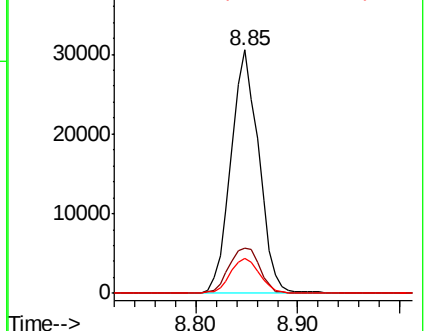
88 14.5 0.0 31.2



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: 49.345 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

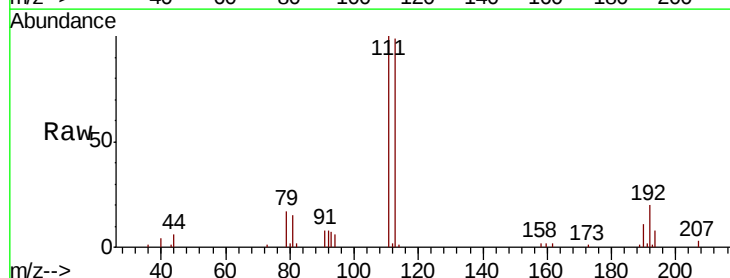
Tgt Ion:113 Resp: 19043

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

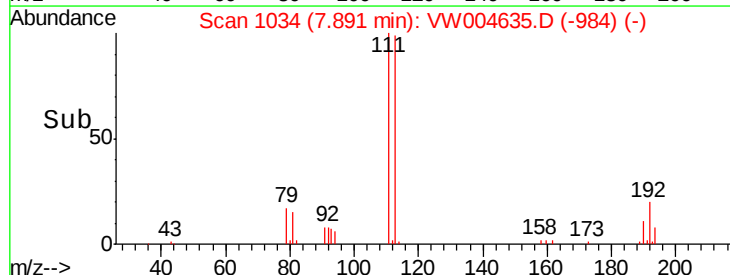
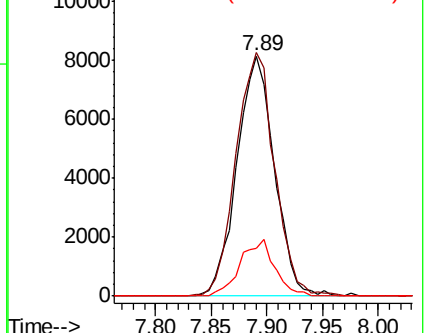
192 21.5 15.8 23.6

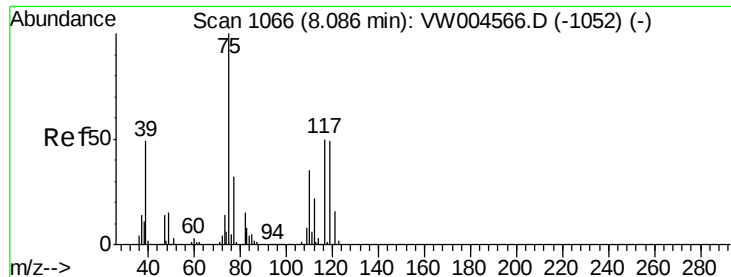


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.318 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-FRE

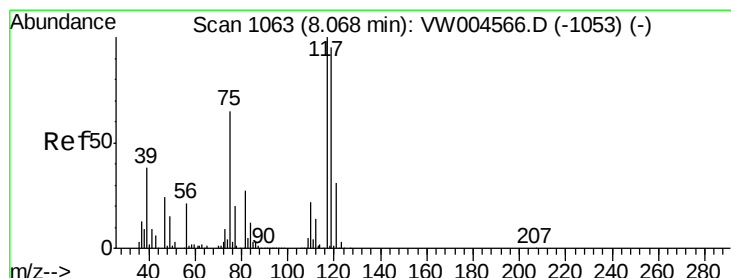
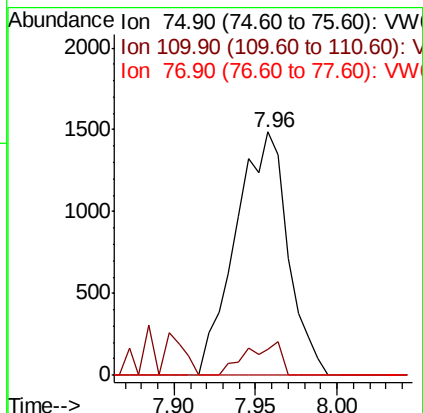
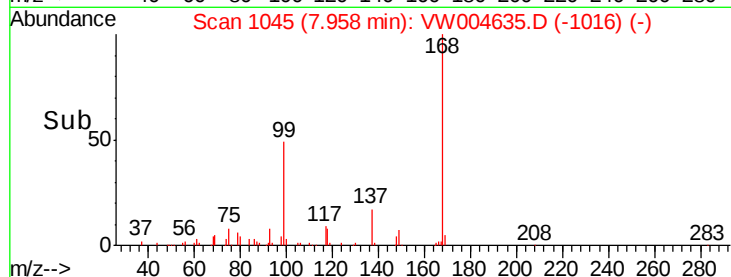
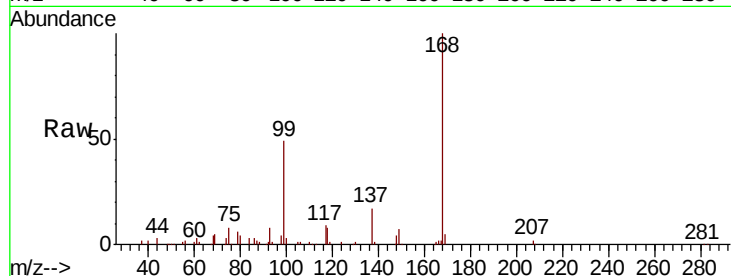
Tgt Ion: 75 Resp: 3314

Ion Ratio Lower Upper

75 100

110 8.9 17.4 52.2#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.333 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

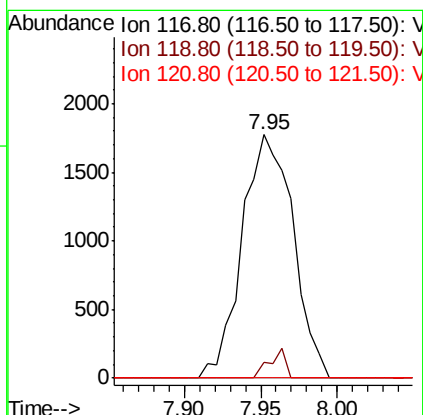
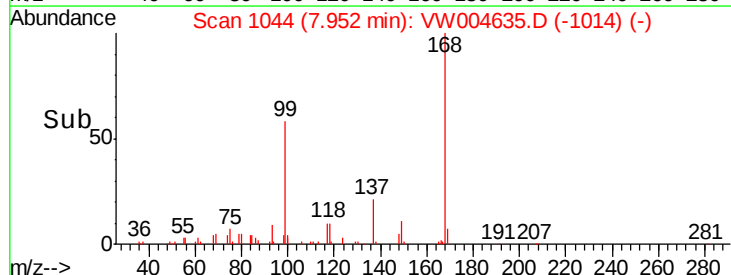
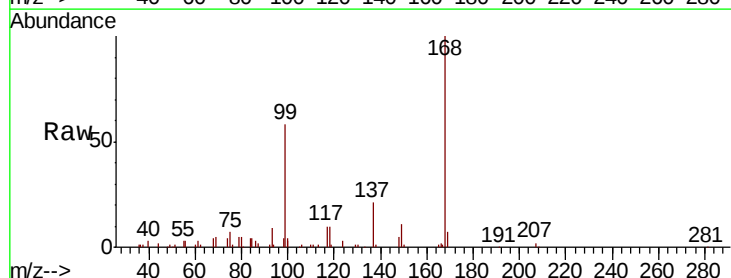
Tgt Ion: 117 Resp: 4112

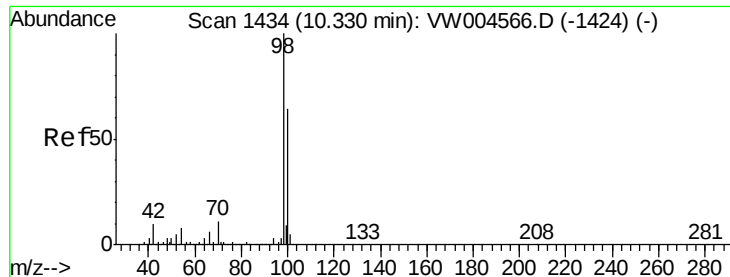
Ion Ratio Lower Upper

117 100

119 6.5 76.1 114.1#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 37.869 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

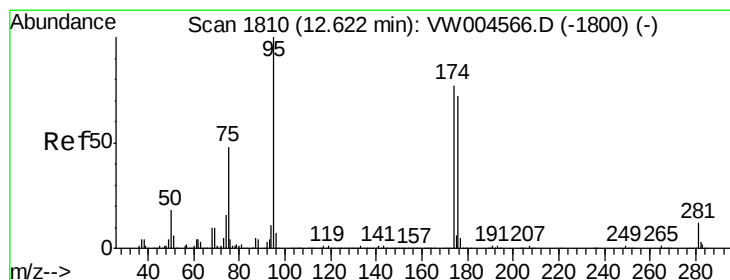
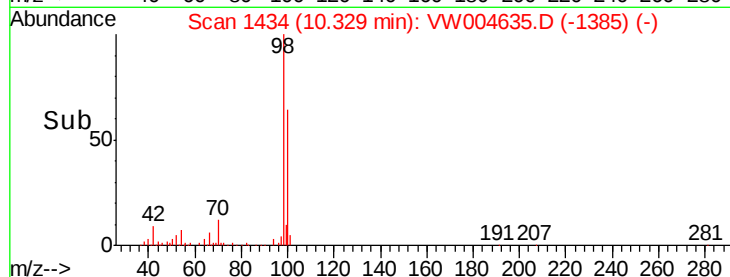
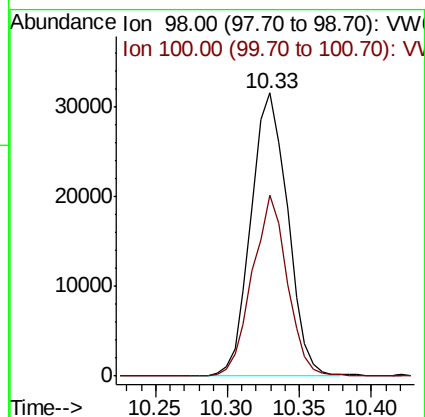
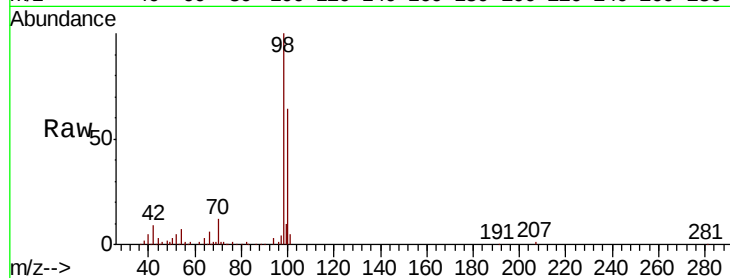
JC-03-080918-FRE

Tgt Ion: 98 Resp: 55715

Ion Ratio Lower Upper

98 100

100 61.0 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 23.375 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

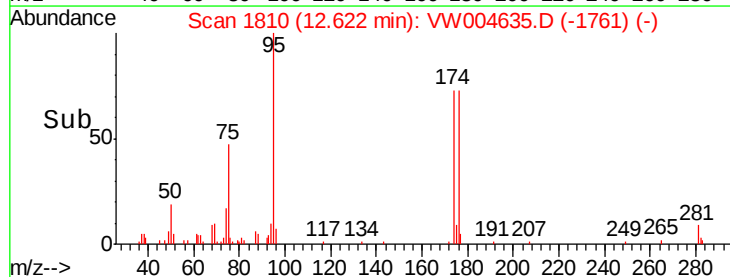
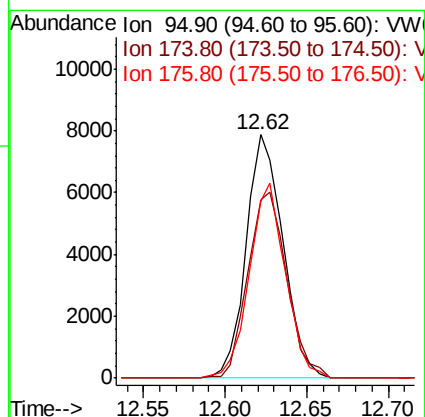
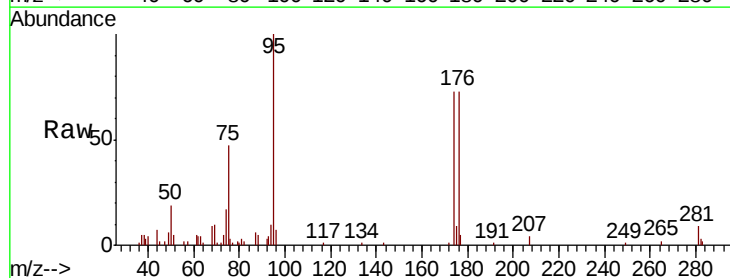
Tgt Ion: 95 Resp: 12388

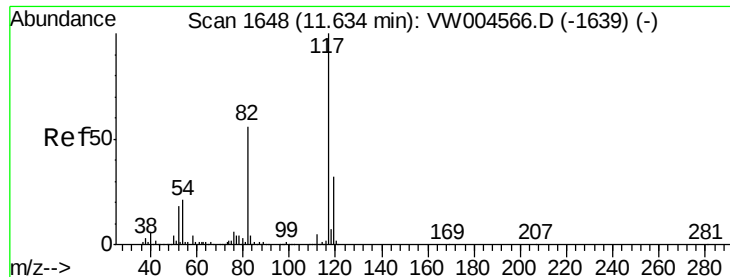
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.4

176 78.5 0.0 153.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.01 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-FRE

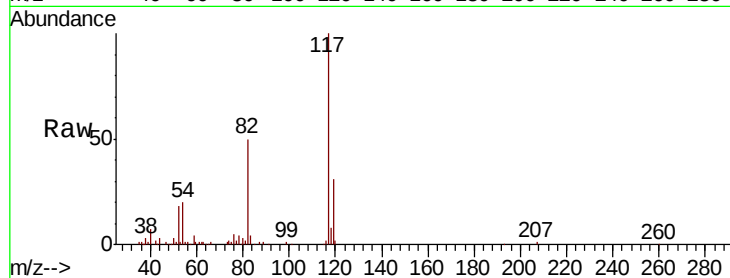
Tgt Ion:117 Resp: 40902

Ion Ratio Lower Upper

117 100

82 49.7 45.3 67.9

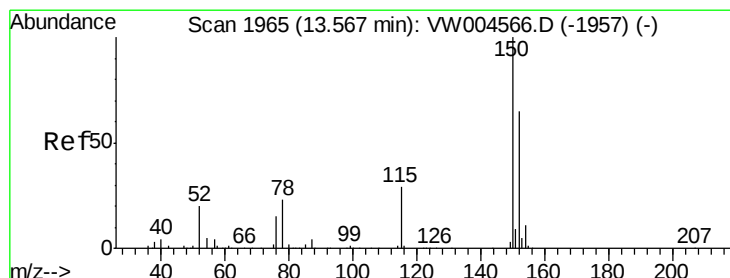
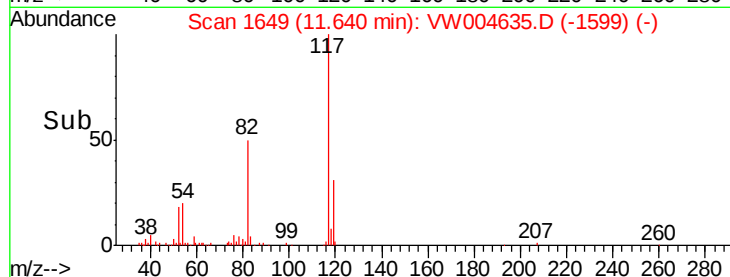
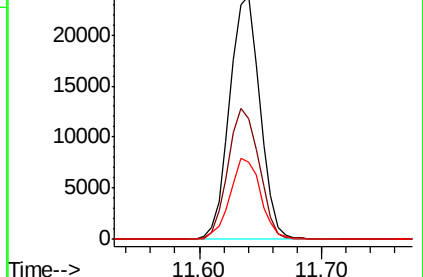
119 31.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

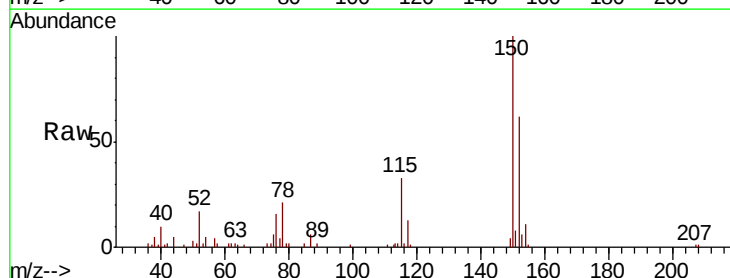
Tgt Ion:152 Resp: 10784

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

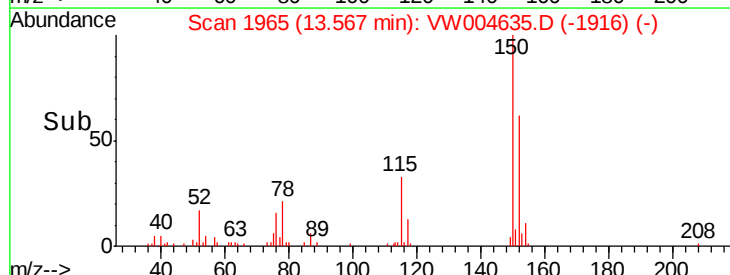
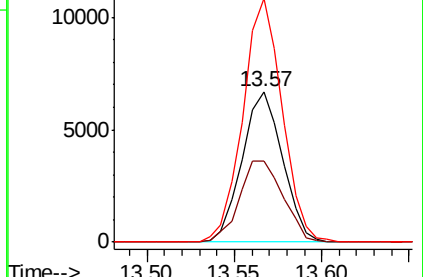
150 157.0 0.0 349.6

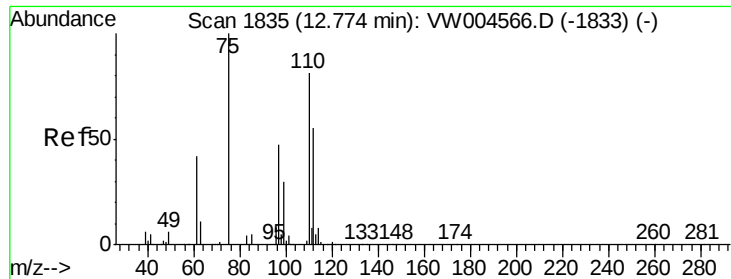


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.067 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

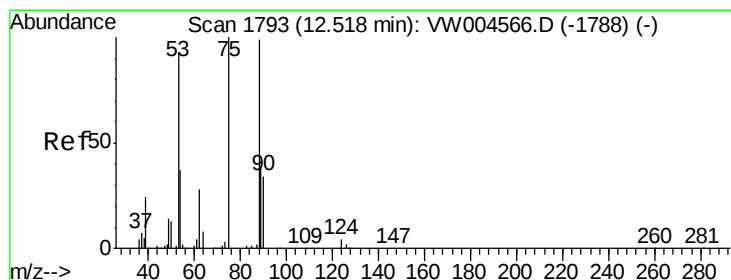
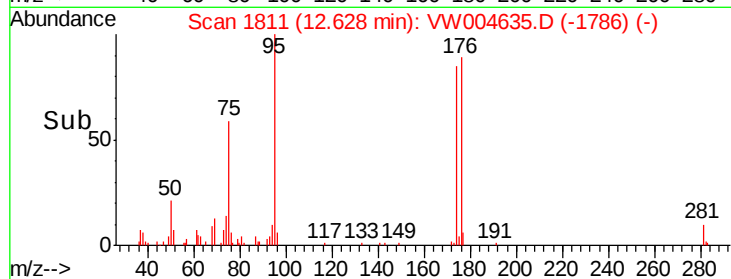
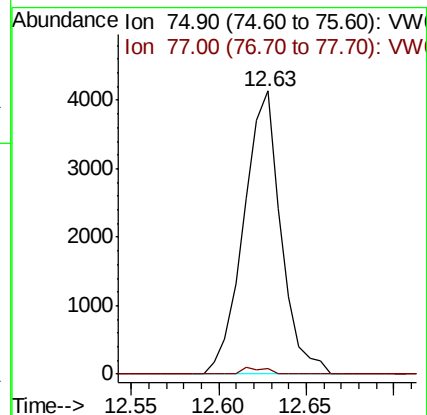
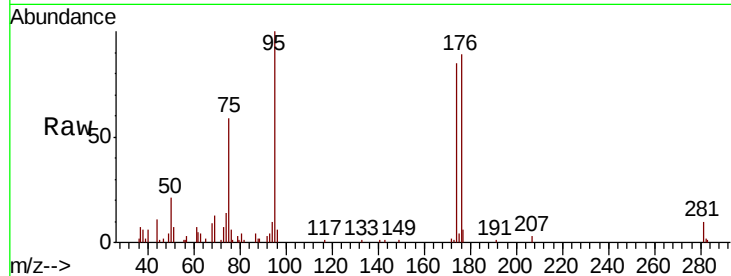
JC-03-080918-FRE

Tgt Ion: 75 Resp: 6145

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.824 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

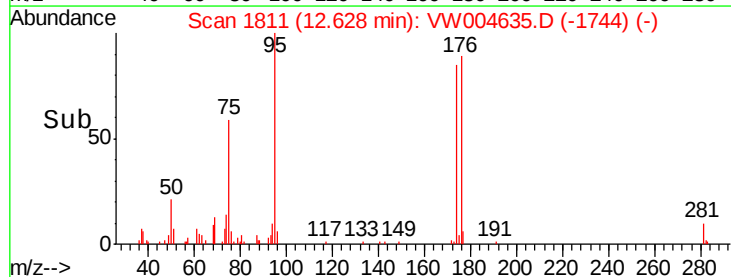
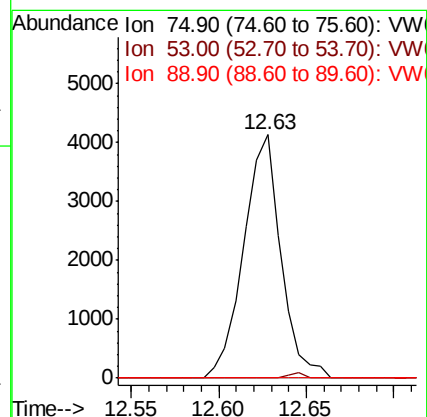
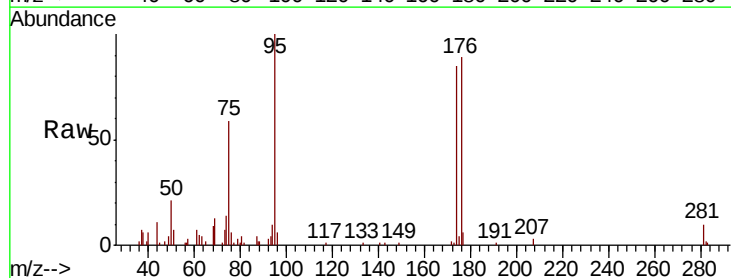
Tgt Ion: 75 Resp: 6145

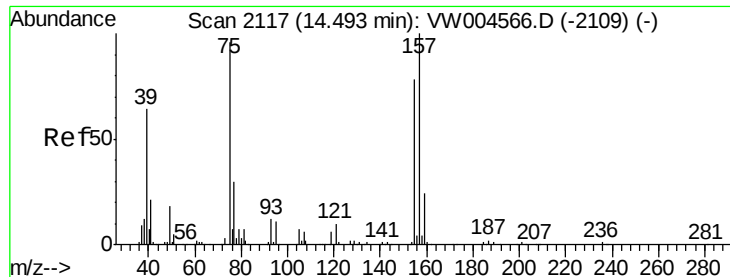
Ion Ratio Lower Upper

75 100

53 0.9 74.4 111.6#

89 0.0 35.9 53.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.437 ug/l

RT: 14.40 min Scan# 2101

Delta R.T. -0.10 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-FRE

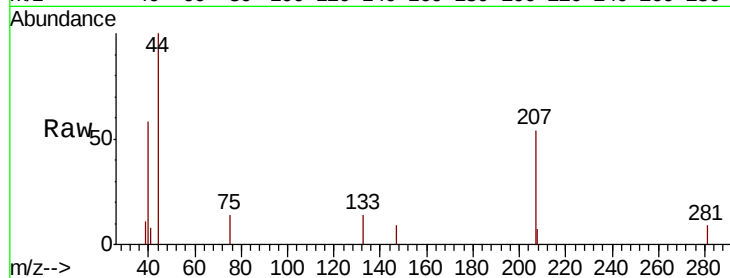
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 41.3 123.7#

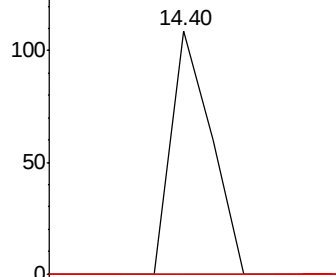
157 0.0 52.6 157.8#



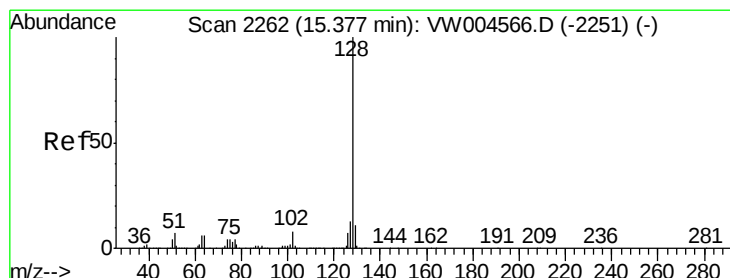
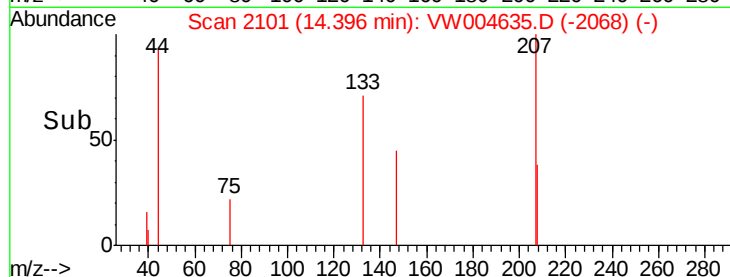
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#95

Naphthalene

Concen: 3.063 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004635.D

Acq: 11 Aug 2018 09:17

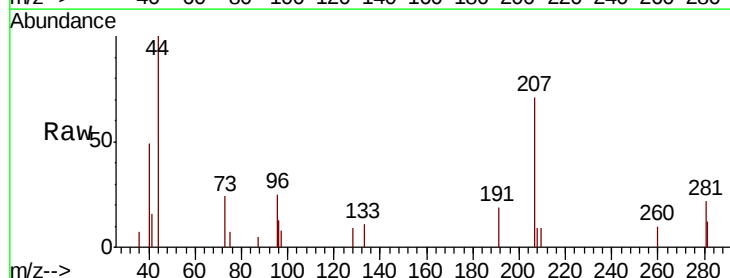
Tgt Ion: 128 Resp: 76

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

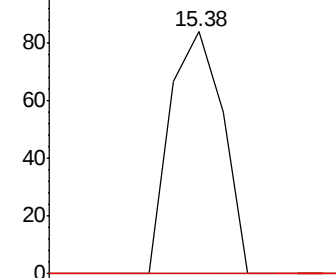
129 0.0 8.6 13.0#



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



Time-->

