

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006114.D
 Acq On : 17 Oct 2018 08:40
 Operator : VA/AP
 Sample : J5518-01
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JCTS

Quant Time: Oct 17 11:38:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105081	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	110095	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
35) Dibromofluoromethane	7.89	113	103917	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	10.33	98	326489	39.36	ug/l	0.00
Spiked Amount			Recovery	=	78.72%	
62) 4-Bromofluorobenzene	12.62	95	102569	32.92	ug/l	0.00
Spiked Amount			Recovery	=	65.84%	

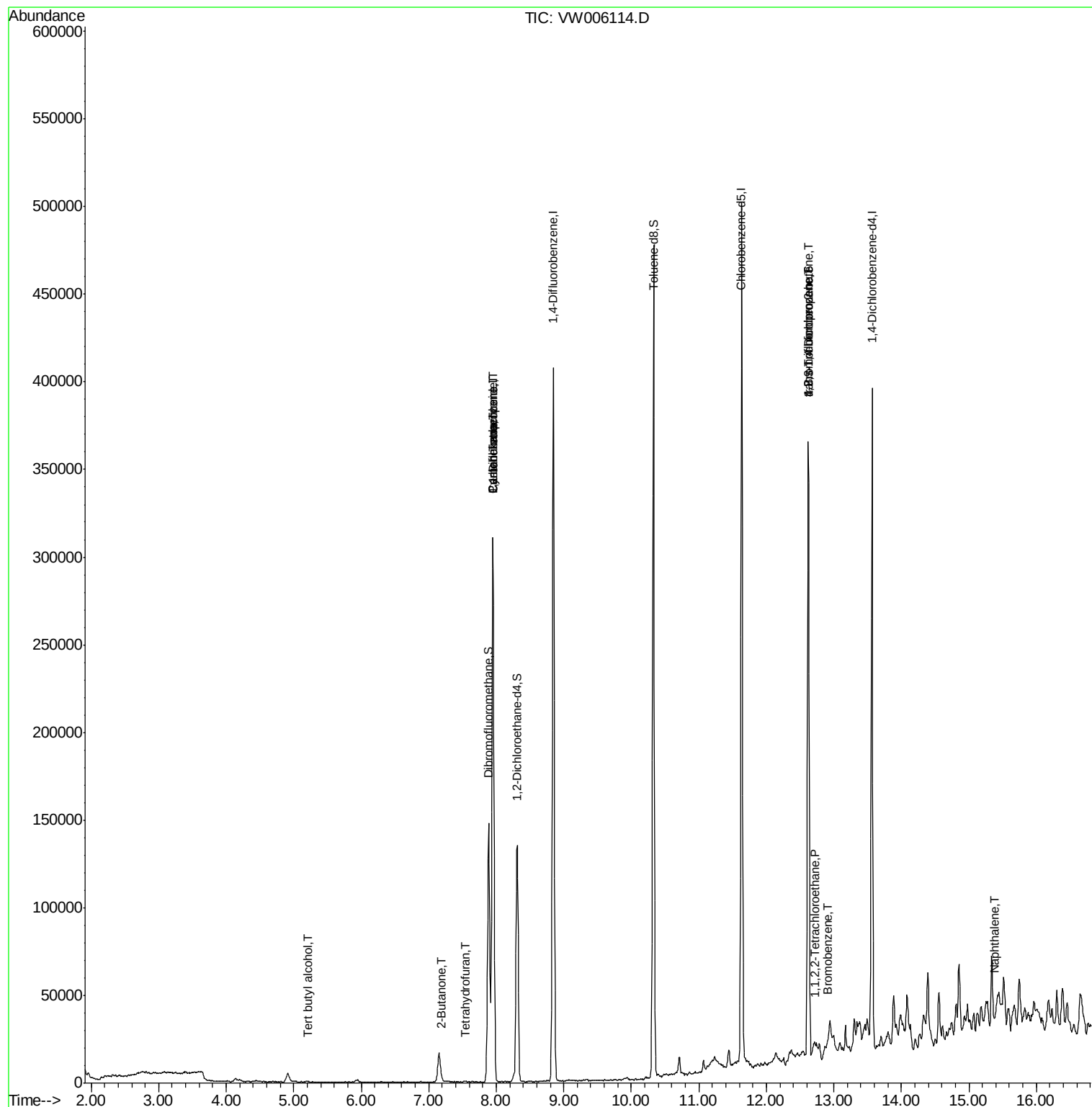
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	297	2.12	ug/l	# 91
16) Acetone	4.14	43	3995	Below	Cal	100
25) 2-Butanone	7.19	43	936	1.66	ug/l	100
29) Tetrahydrofuran	7.54	42	383	1.11	ug/l	# 56
31) Cyclohexane	7.95	56	4730	1.24	ug/l	# 8
36) 1,1-Dichloropropene	7.95	75	16241	4.78	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	22059	5.92	ug/l	# 16
75) 1,1,2,2-Tetrachloroethane	12.72	83	1585	1.40	ug/l	# 51
76) 1,2,3-Trichloropropane	12.62	75	52009	64.80	ug/l	# 100
77) Bromobenzene	12.91	156	3440	1.89	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.62	75	52009	154.90	ug/l	# 10
95) Naphthalene	15.38	128	5468	1.32	ug/l	# 85

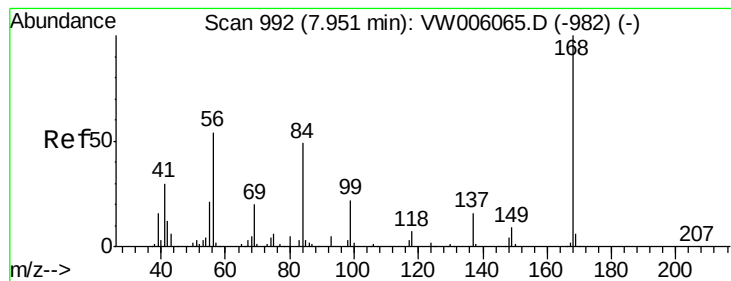
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

Instrument :

MSVOA_W

ClientSampleId :

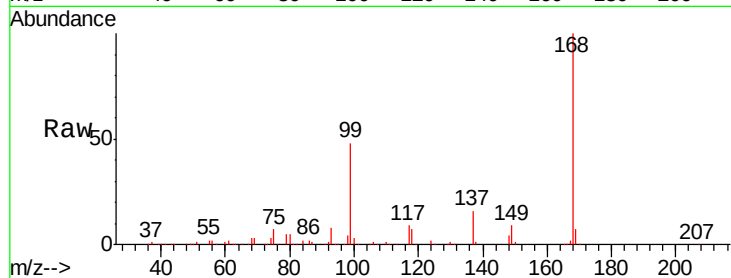
JCTS

Tgt Ion: 168 Resp: 251067

Ion Ratio Lower Upper

168 100

99 48.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

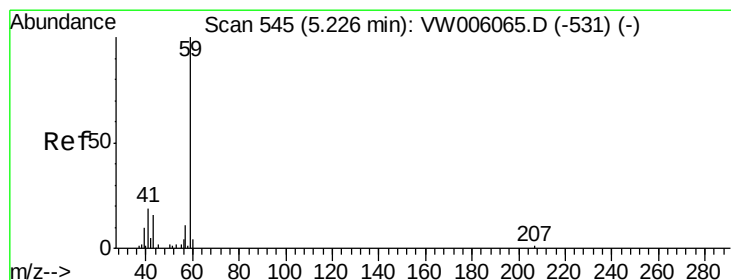
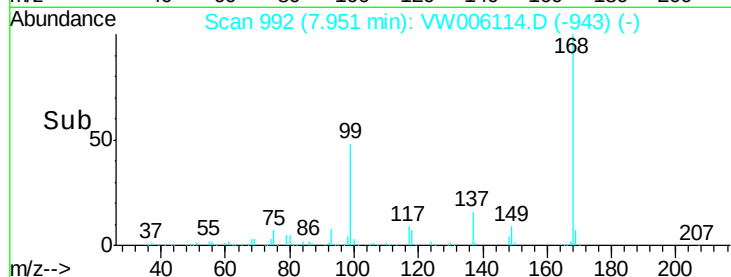
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.12 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006114.D

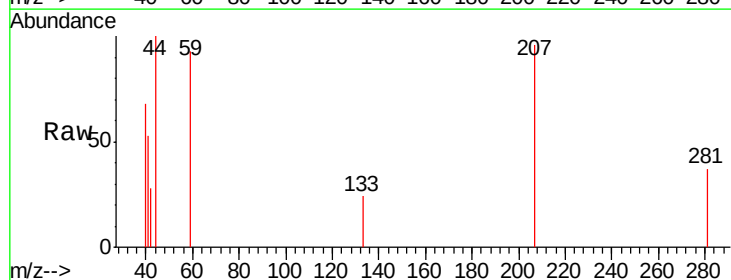
Acq: 17 Oct 2018 08:40

Tgt Ion: 59 Resp: 297

Ion Ratio Lower Upper

59 100

57 14.5 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

200

150

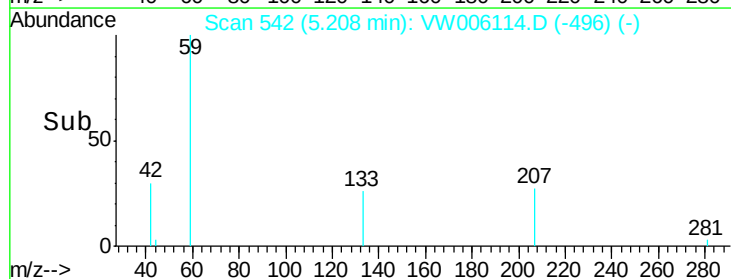
100

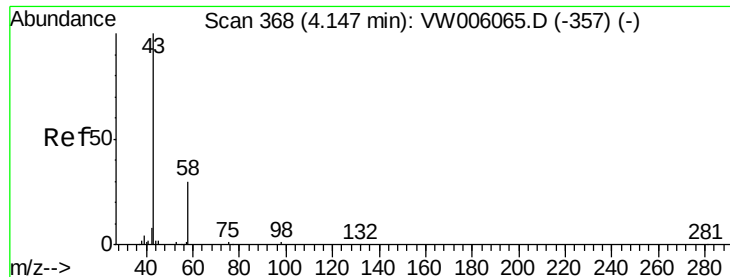
50

0

5.20 5.25

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

Instrument :

MSVOA_W

ClientSampled :

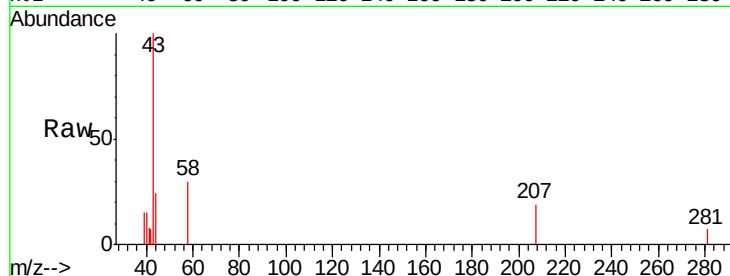
JCTS

Tgt Ion: 43 Resp: 3995

Ion Ratio Lower Upper

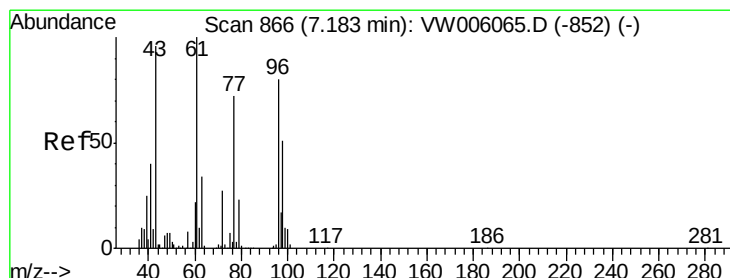
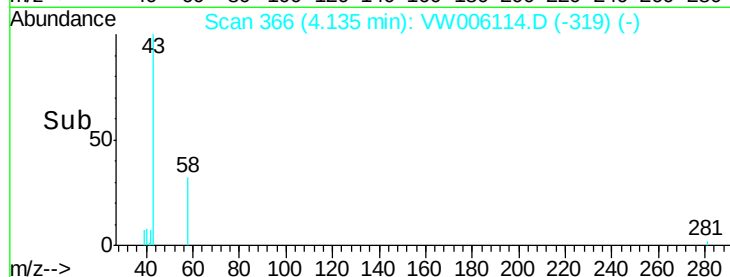
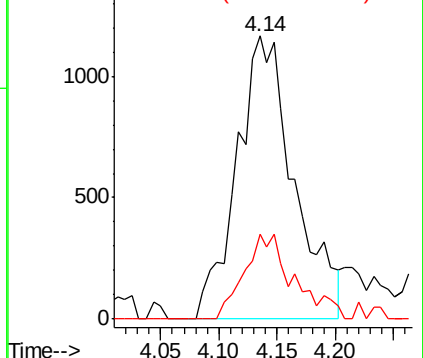
43 100

58 30.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.66 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006114.D

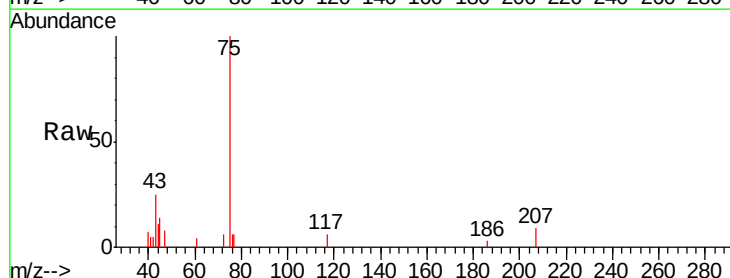
Acq: 17 Oct 2018 08:40

Tgt Ion: 43 Resp: 936

Ion Ratio Lower Upper

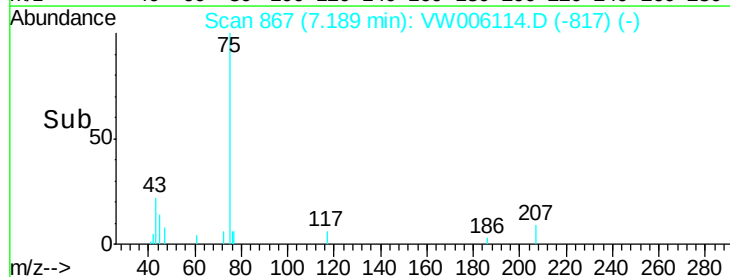
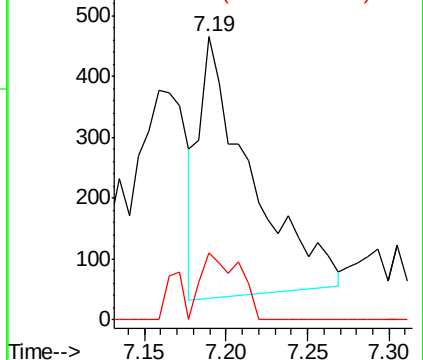
43 100

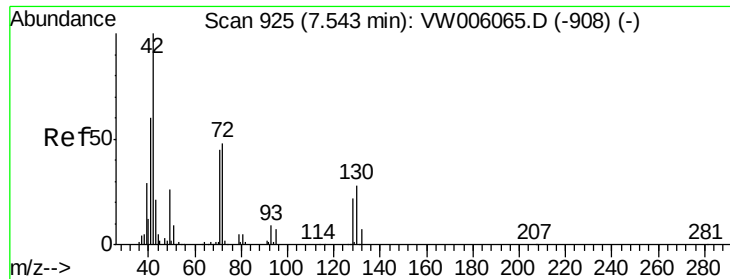
72 28.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.11 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

Instrument :

MSVOA_W

ClientSampleId :

JCTS

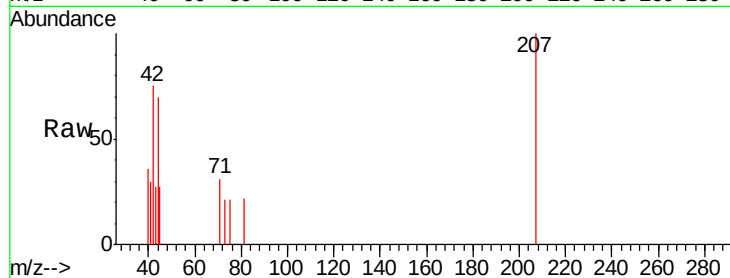
Tgt Ion: 42 Resp: 383

Ion Ratio Lower Upper

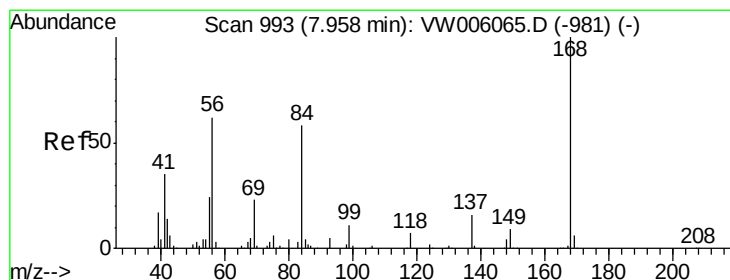
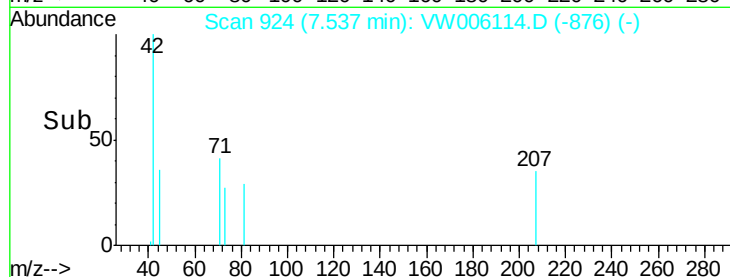
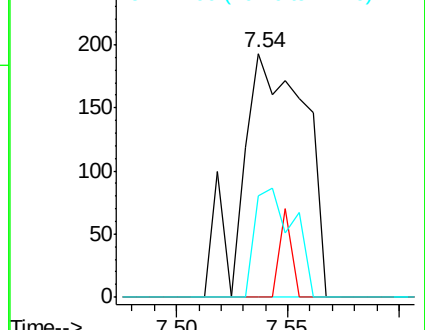
42 100

72 6.8 38.0 57.0#

71 27.2 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.24 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

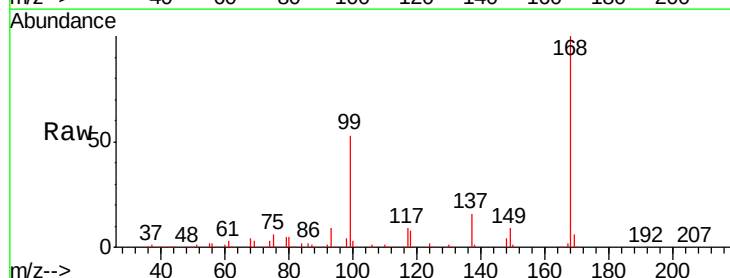
Tgt Ion: 56 Resp: 4730

Ion Ratio Lower Upper

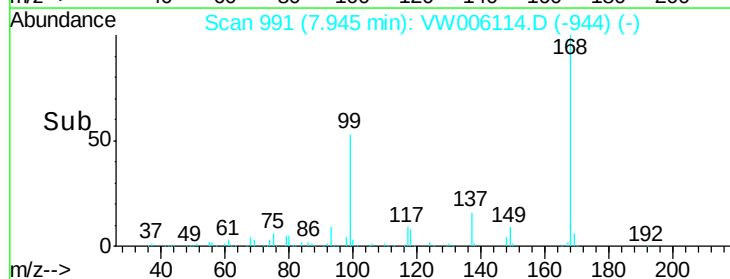
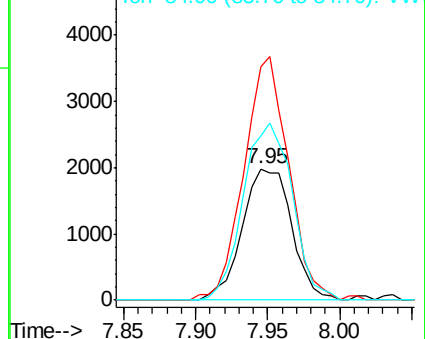
56 100

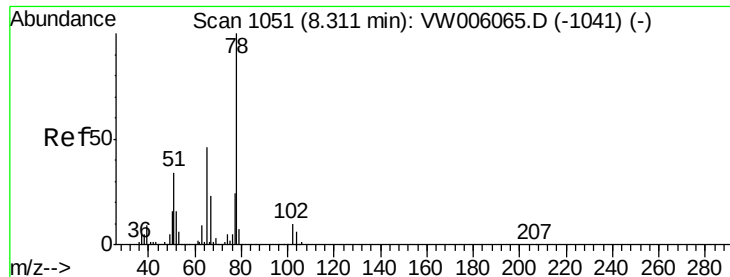
69 178.0 29.4 44.0#

84 124.9 74.0 111.0#



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

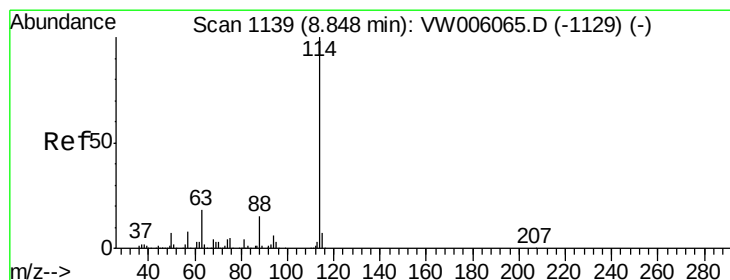
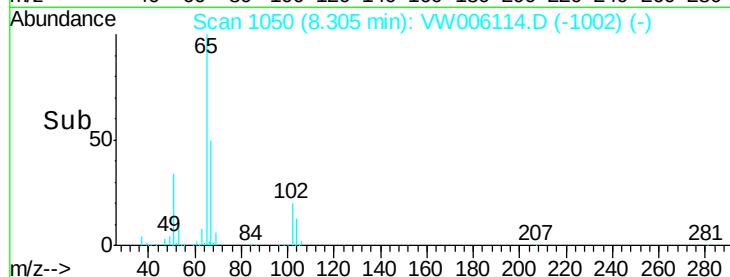
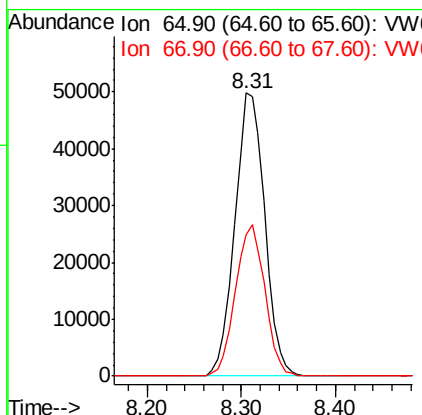
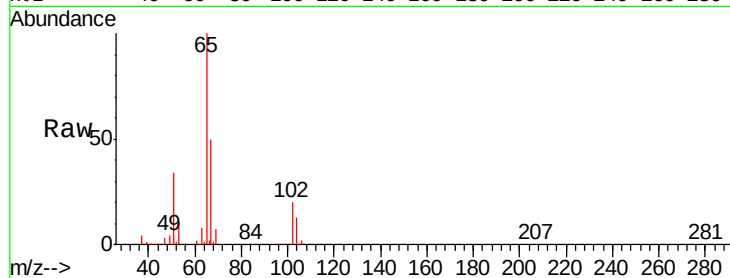




#33
 1,2-Dichloroethane-d4
 Concen: 52.89 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006114.D
 Acq: 17 Oct 2018 08:40

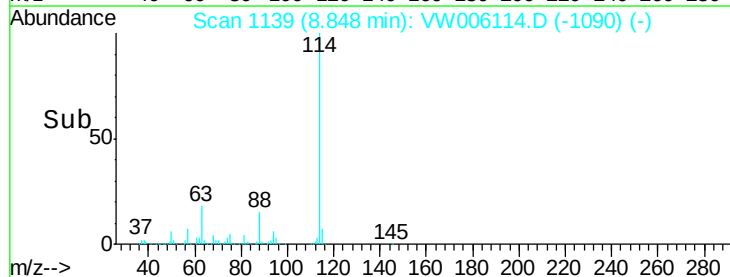
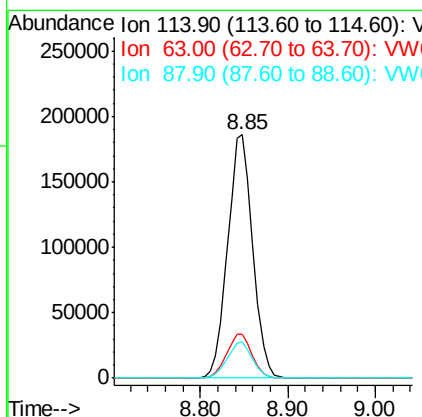
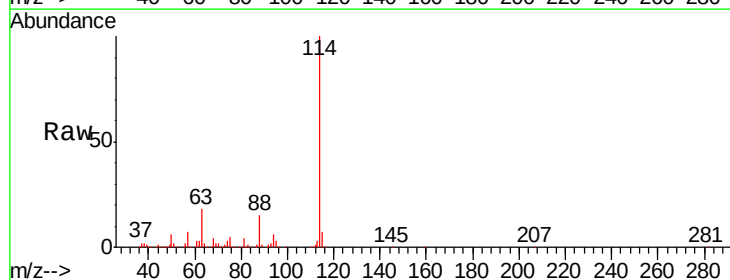
Instrument :
 MSVOA_W
 ClientSampled :
 JCTS

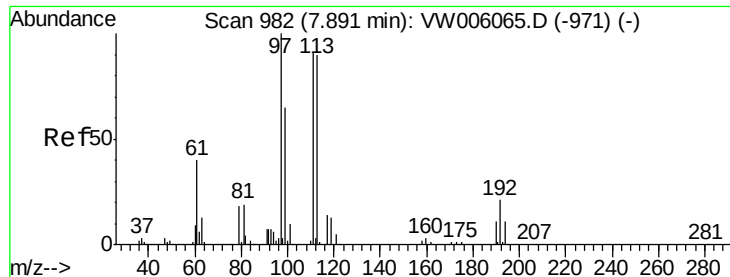
Tgt Ion: 65 Resp: 110095
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006114.D
 Acq: 17 Oct 2018 08:40

Tgt Ion: 114 Resp: 368981
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.8 0.0 29.0

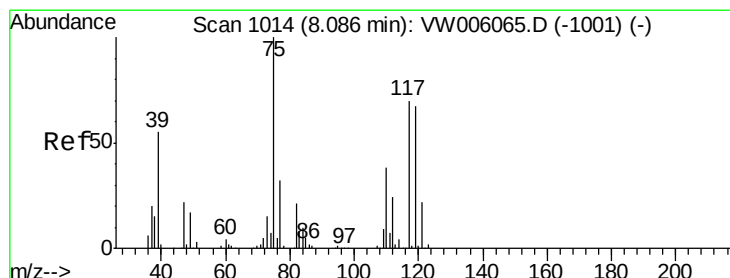
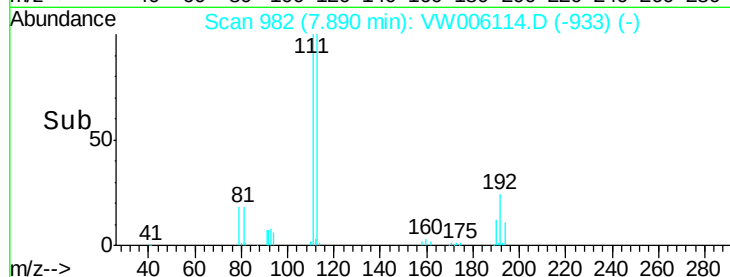
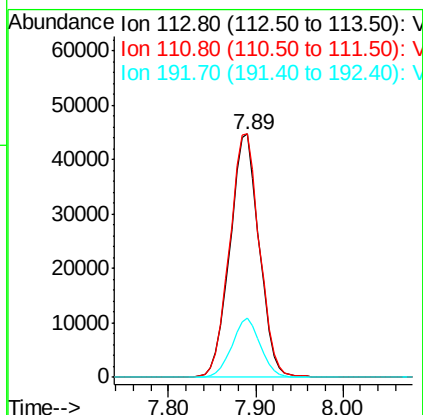
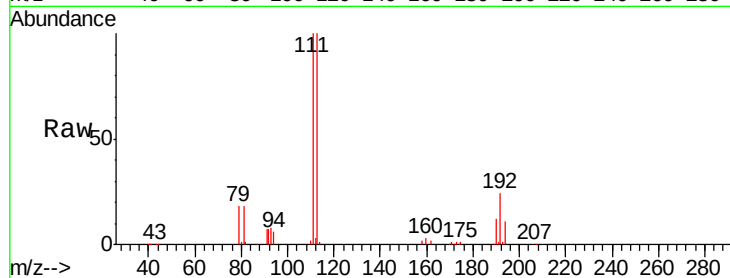




#35
 Dibromofluoromethane
 Concen: 47.66 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006114.D
 Acq: 17 Oct 2018 08:40

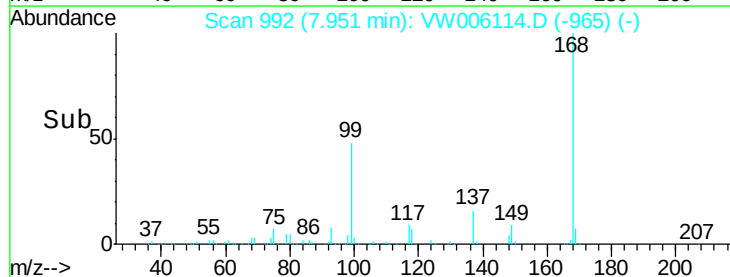
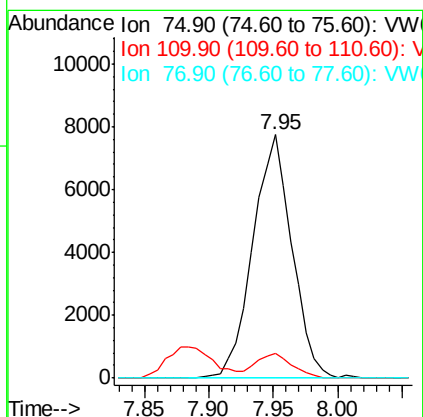
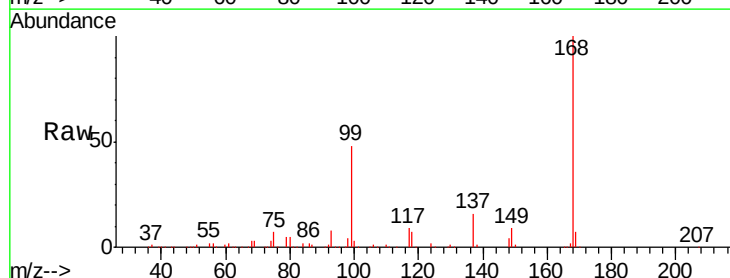
Instrument :
 MSVOA_W
 ClientSampleId :
 JCTS

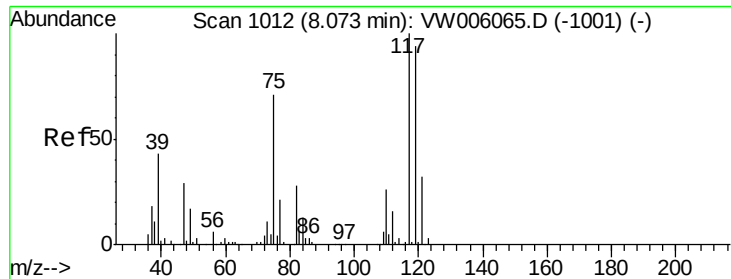
Tgt Ion: 113 Resp: 103917
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.5 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006114.D
 Acq: 17 Oct 2018 08:40

Tgt Ion: 75 Resp: 16241
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.1#
 77 0.0 25.0 37.4#

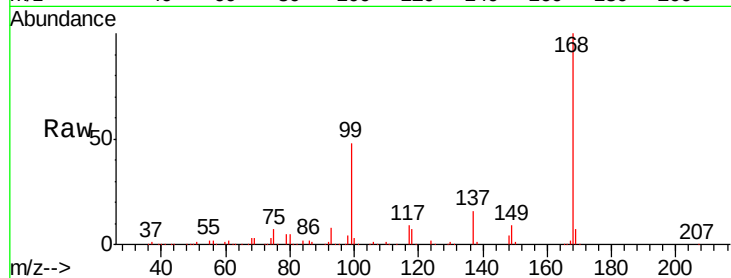




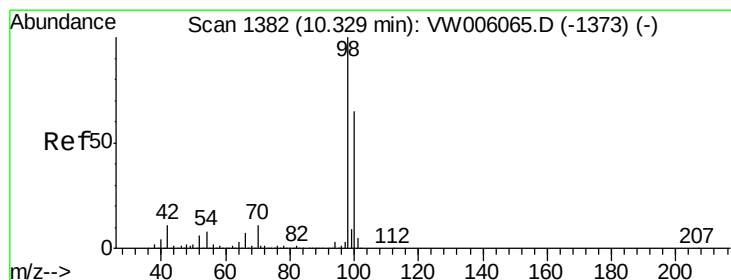
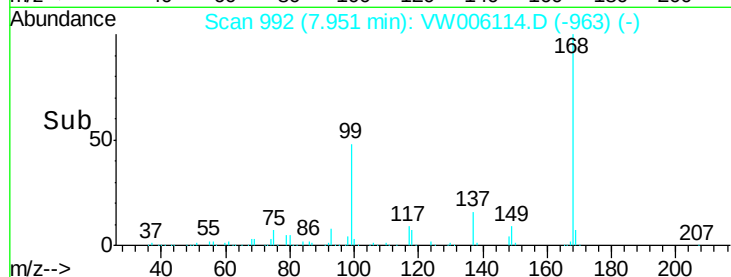
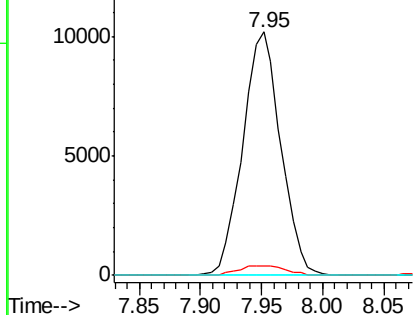
#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006114.D
Acq: 17 Oct 2018 08:40

Instrument :
MSVOA_W
ClientSampled :
JCTS

Tgt Ion:117 Resp: 22059
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 25.3 37.9#

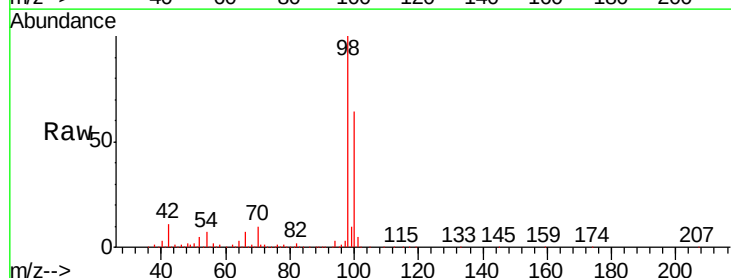


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

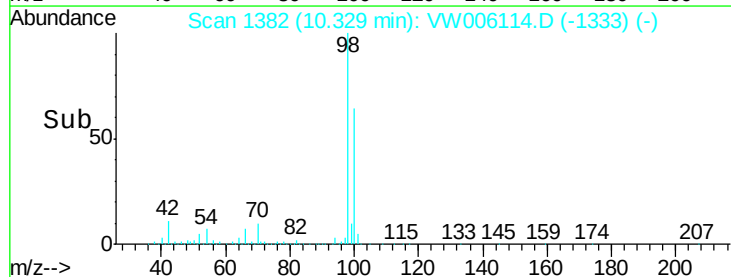
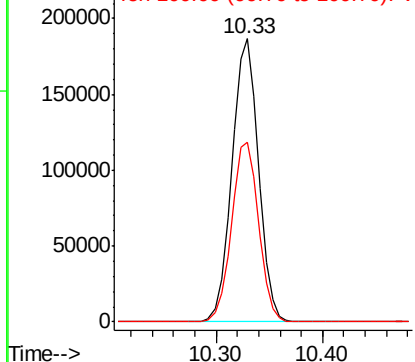


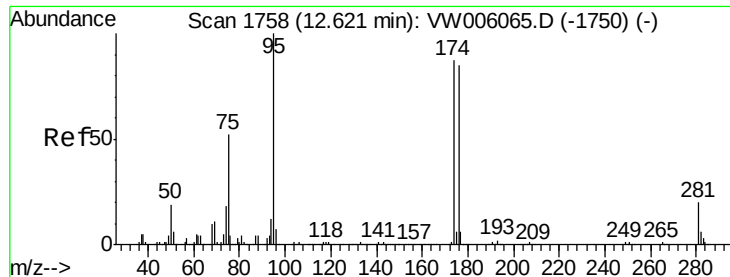
#50
Toluene-d8
Concen: 39.36 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006114.D
Acq: 17 Oct 2018 08:40

Tgt Ion: 98 Resp: 326489
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



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

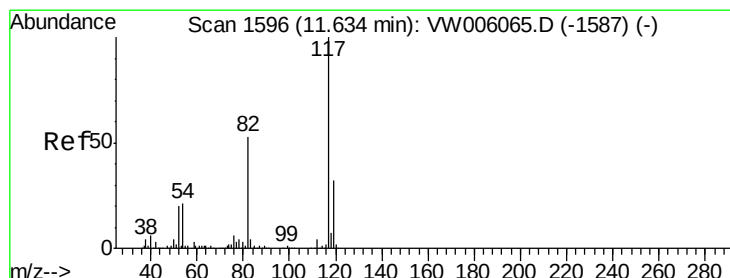
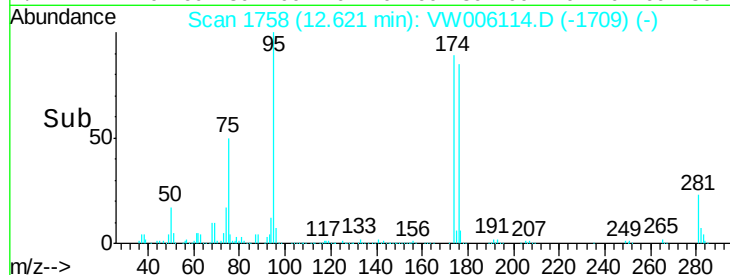
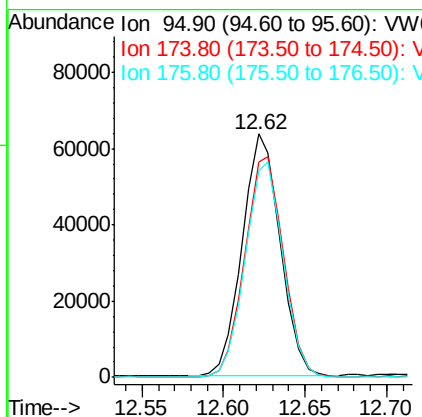
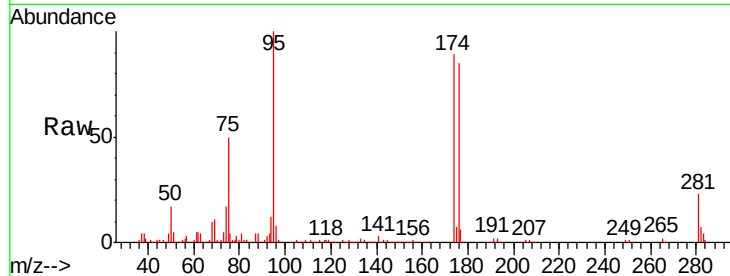




#62
4-Bromofluorobenzene
Concen: 32.92 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006114.D
Acq: 17 Oct 2018 08:40

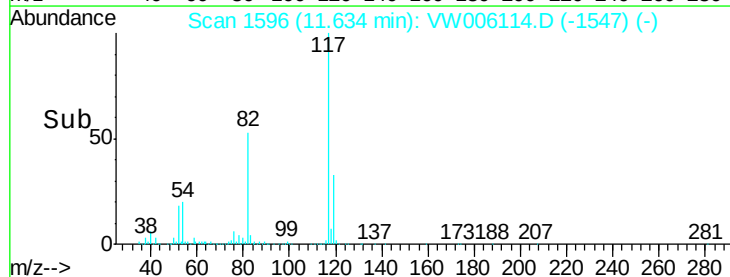
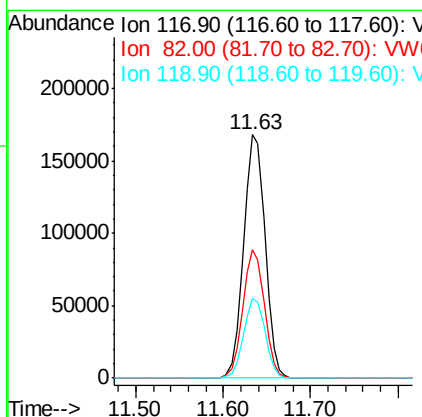
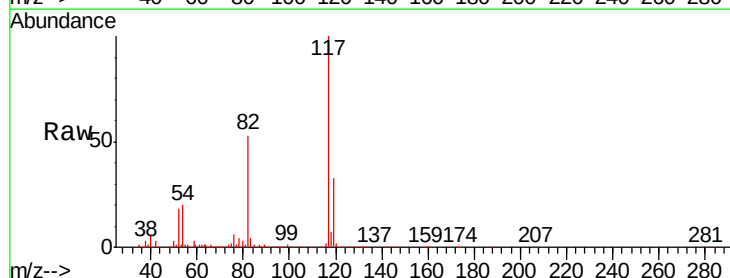
Instrument :
MSVOA_W
ClientSampled :
JCTS

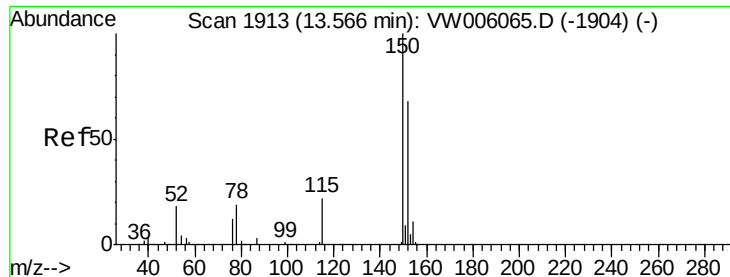
Tgt Ion: 95 Resp: 102569
Ion Ratio Lower Upper
95 100
174 92.5 0.0 186.0
176 89.5 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006114.D
Acq: 17 Oct 2018 08:40

Tgt Ion: 117 Resp: 285211
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

Instrument :

MSVOA_W

ClientSampleId :

JCTS

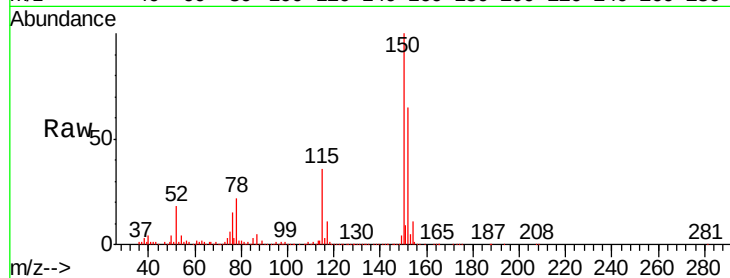
Tgt Ion:152 Resp: 105081

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

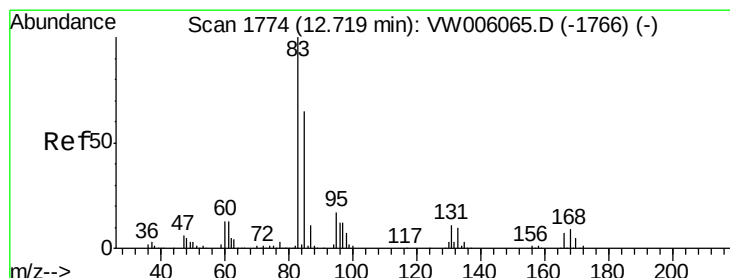
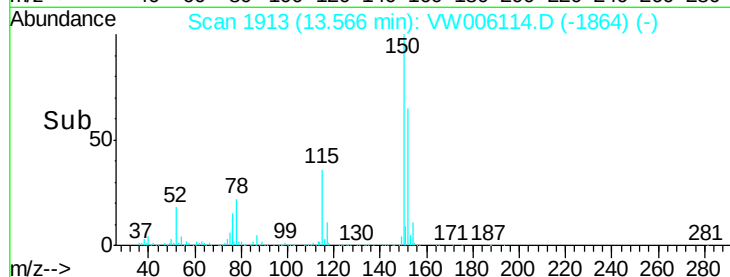
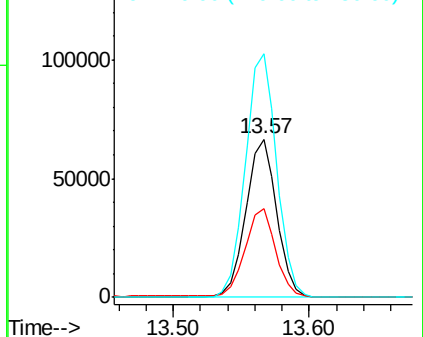
150 156.6 0.0 349.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.40 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

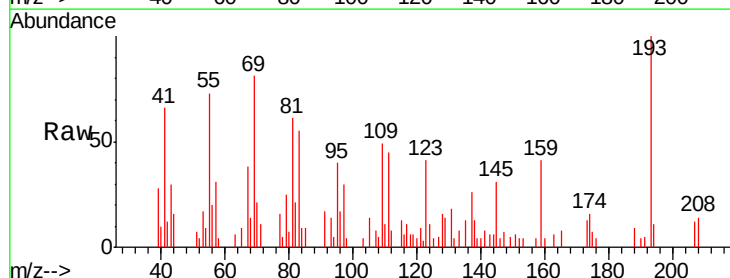
Tgt Ion: 83 Resp: 1585

Ion Ratio Lower Upper

83 100

131 5.0 5.9 17.7#

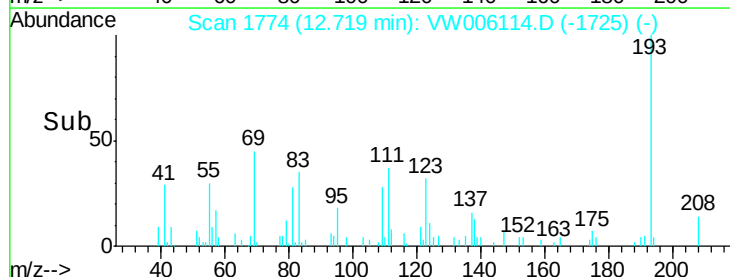
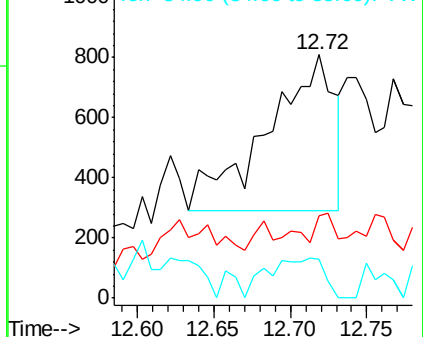
85 21.5 31.9 95.9#

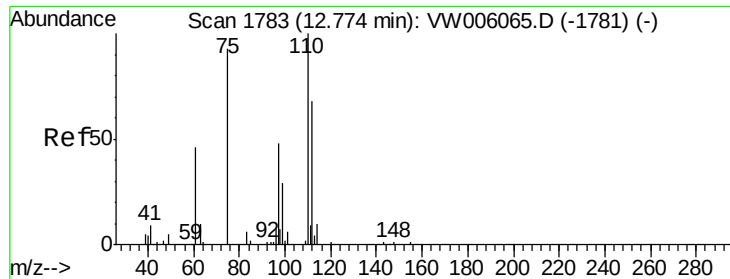


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 64.80 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

Instrument :

MSVOA_W

ClientSampled :

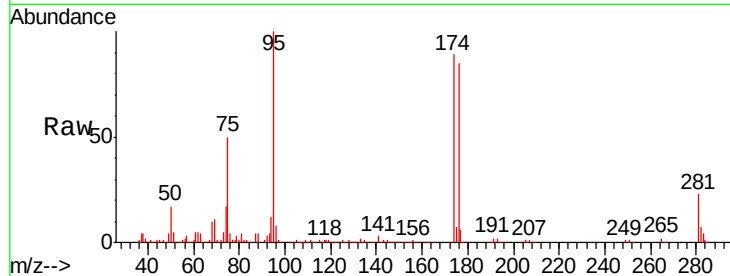
JCTS

Tgt Ion: 75 Resp: 52009

Ion Ratio Lower Upper

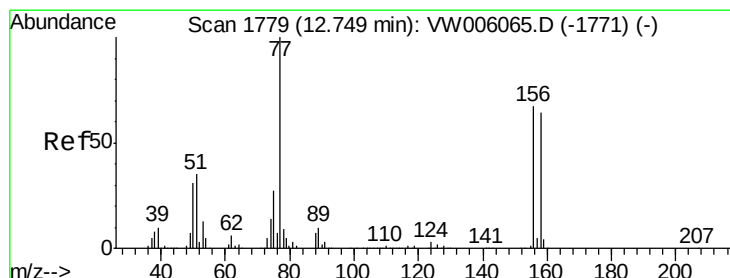
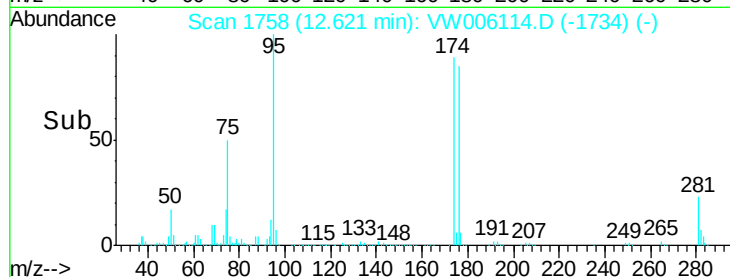
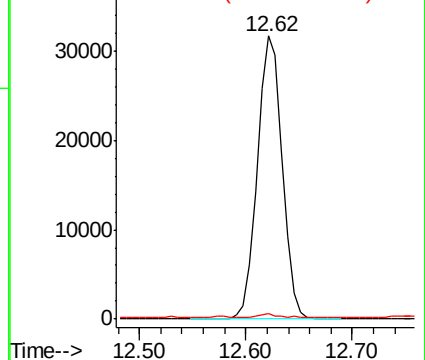
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 1.89 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.16 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

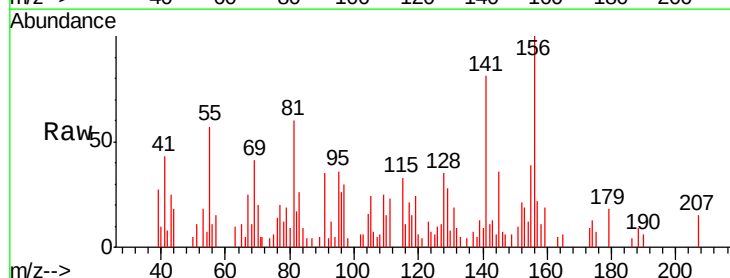
Tgt Ion: 156 Resp: 3440

Ion Ratio Lower Upper

156 100

77 0.0 79.1 237.4#

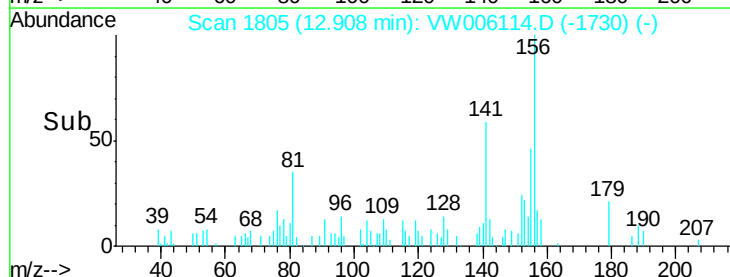
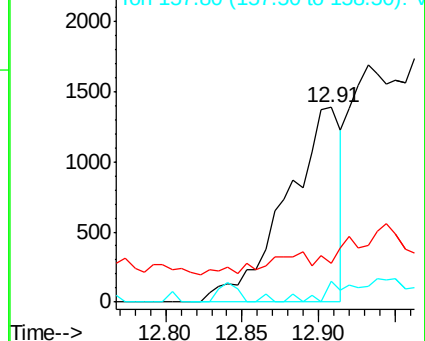
158 5.5 48.5 145.6#

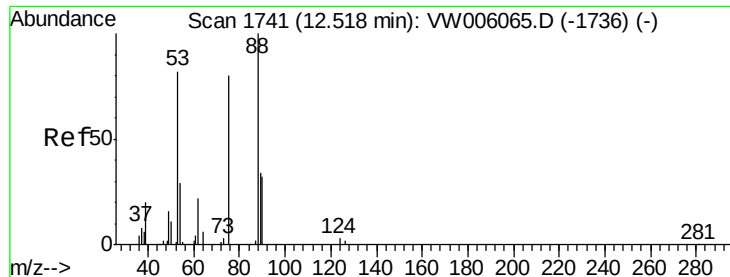


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 154.90 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

Instrument :

MSVOA_W

ClientSampleId :

JCTS

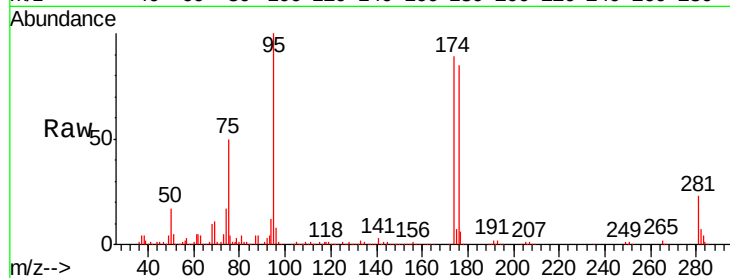
Tgt Ion: 75 Resp: 52009

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

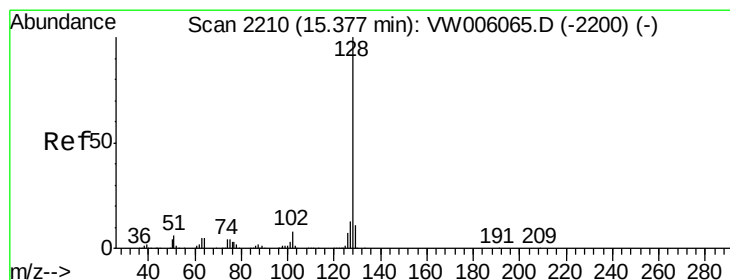
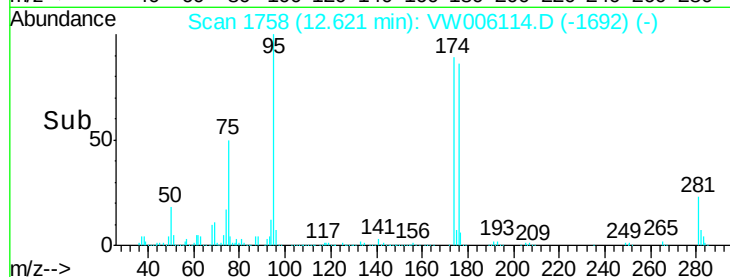
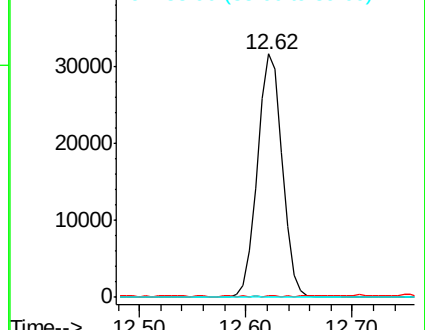
89 0.1 37.5 56.3#



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



#95

Naphthalene

Concen: 1.32 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006114.D

Acq: 17 Oct 2018 08:40

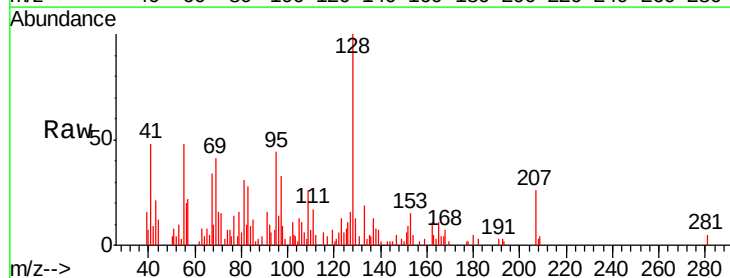
Tgt Ion: 128 Resp: 5468

Ion Ratio Lower Upper

128 100

127 21.0 10.3 15.5#

129 7.5 8.7 13.1#



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

