

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006186.D
 Acq On : 18 Oct 2018 19:45
 Operator : VA/AP
 Sample : J5585-05
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19A

Quant Time: Oct 19 06:03:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118521	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
35) Dibromofluoromethane	7.89	113	115857	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	10.33	98	423979	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.62	95	155670	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

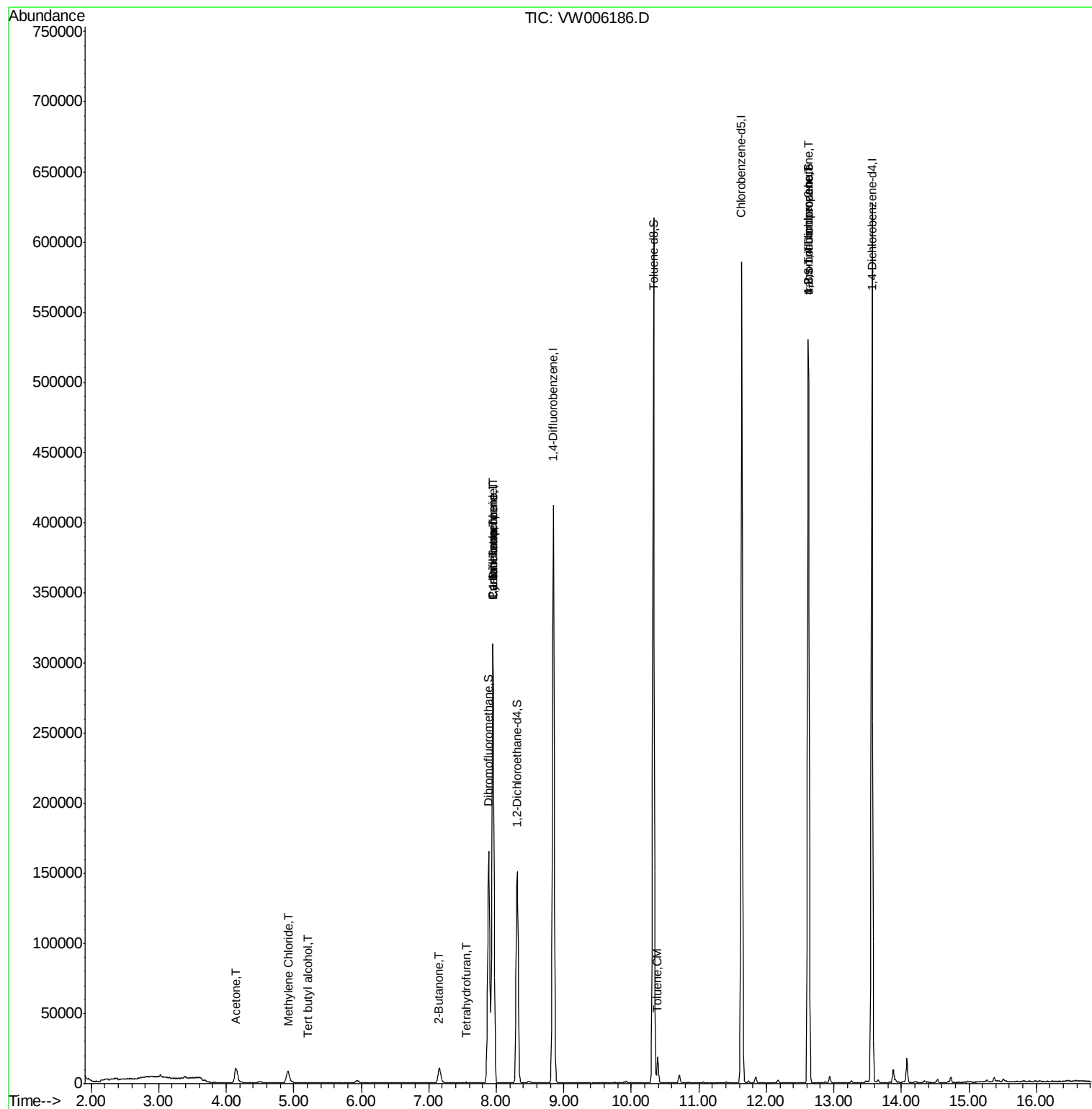
					Qvalue
11) Tert butyl alcohol	5.21	59	304	2.176 ug/l #	71
16) Acetone	4.14	43	21184	42.057 ug/l	98
20) Methylene Chloride	4.92	84	7066	1.641 ug/l	86
25) 2-Butanone	7.15	43	614	1.094 ug/l #	46
29) Tetrahydrofuran	7.56	42	458	1.328 ug/l #	65
31) Cyclohexane	7.95	56	4638	1.220 ug/l #	20
36) 1,1-Dichloropropene	7.95	75	16375	4.818 ug/l #	48
38) Carbon Tetrachloride	7.95	117	22710	6.095 ug/l #	16
52) Toluene	10.39	92	7389	1.182 ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	80098	60.211 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80098	143.928 ug/l #	10

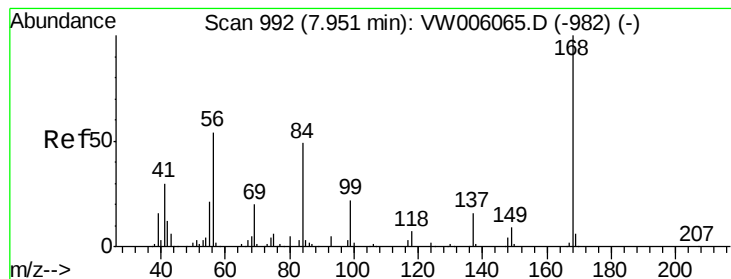
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

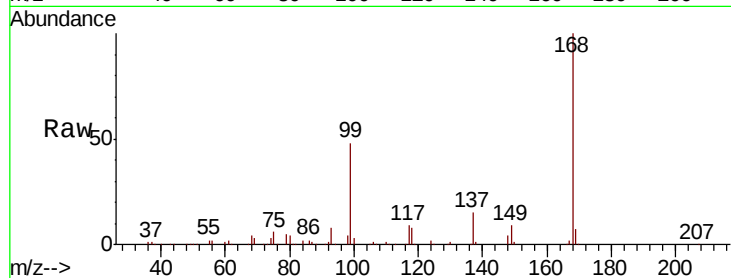
SSSI-1017-S-DH-19A

Tot Ion:168 Resp: 250502

Ion Ratio Lower Upper

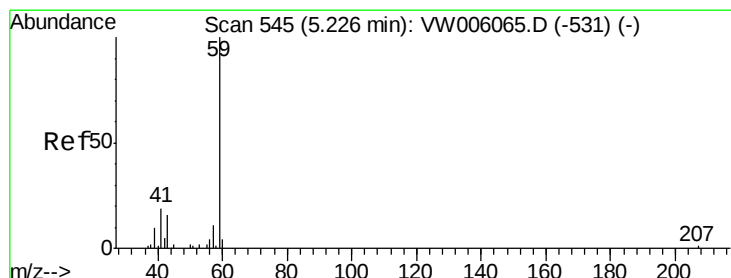
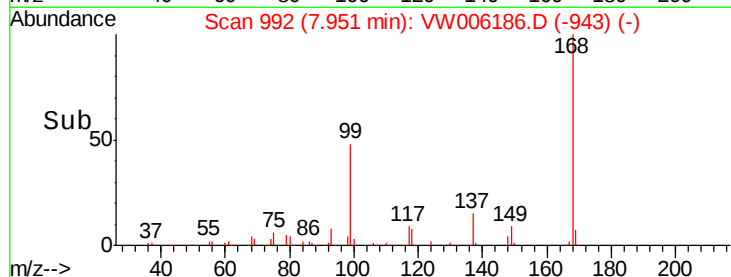
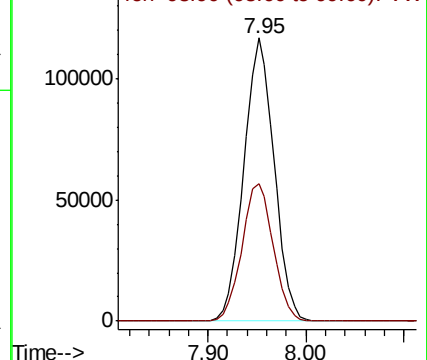
168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.176 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006186.D

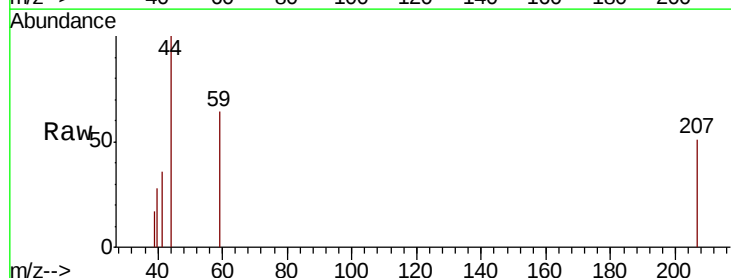
Acq: 18 Oct 2018 19:45

Tgt Ion: 59 Resp: 304

Ion Ratio Lower Upper

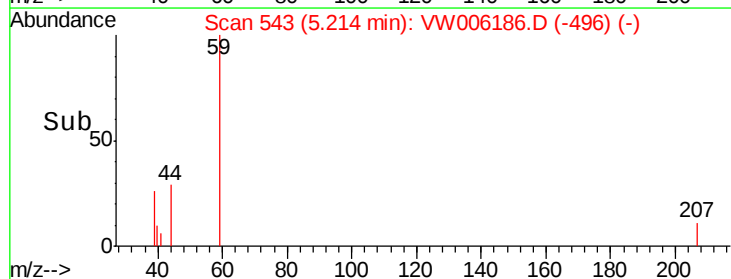
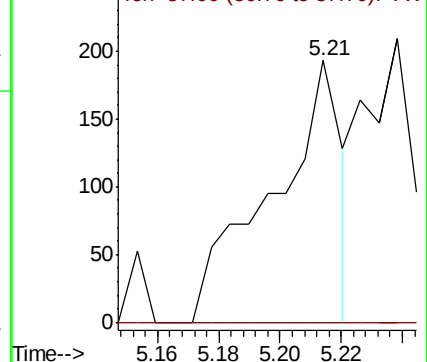
59 100

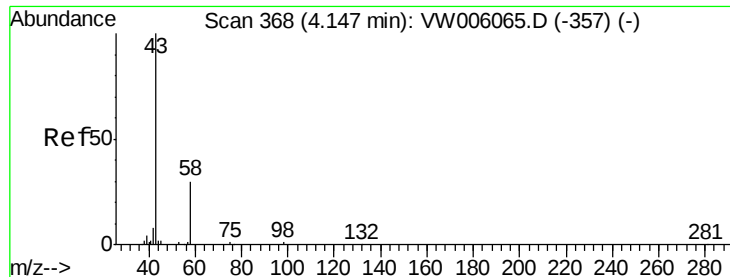
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 42.057 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

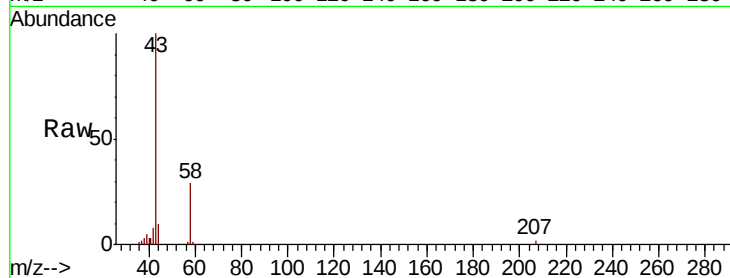
SSSI-1017-S-DH-19A

Tot Ion: 43 Resp: 21184

Ion Ratio Lower Upper

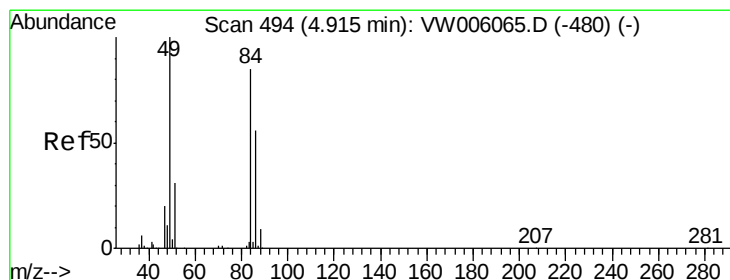
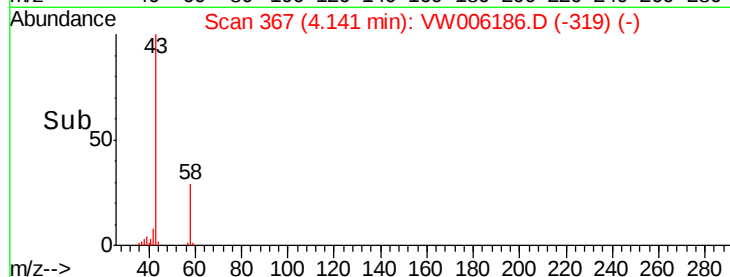
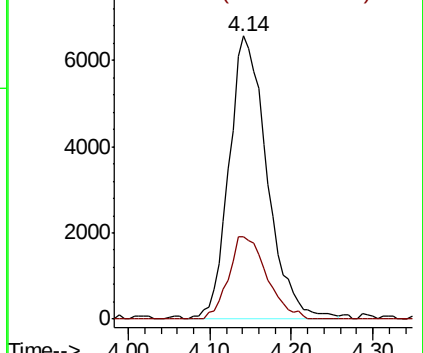
43 100

58 29.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.641 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Tgt Ion: 84 Resp: 7066

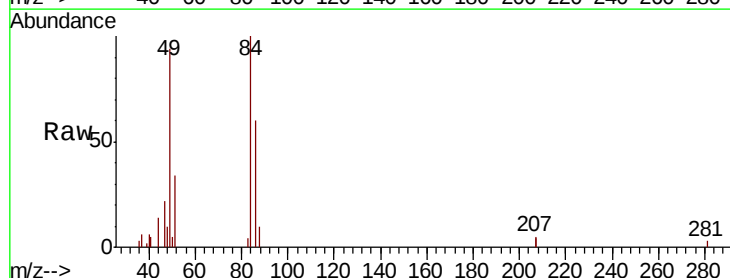
Ion Ratio Lower Upper

84 100

49 94.4 93.6 140.4

51 34.4 29.0 43.4

86 60.1 52.6 79.0

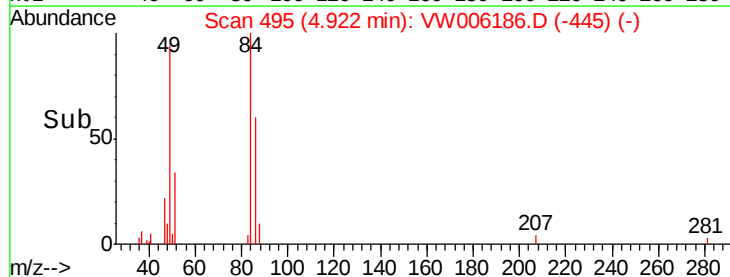
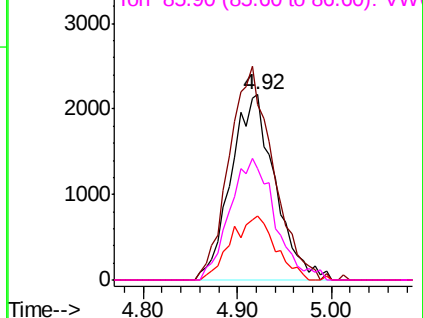


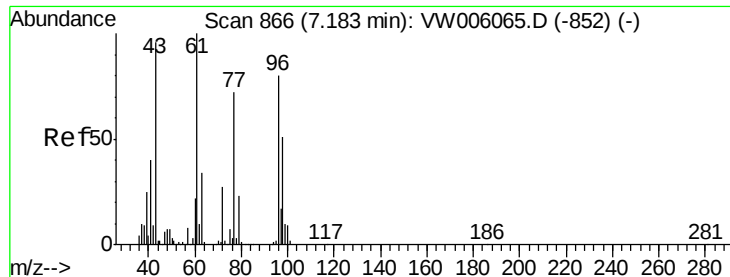
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.094 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

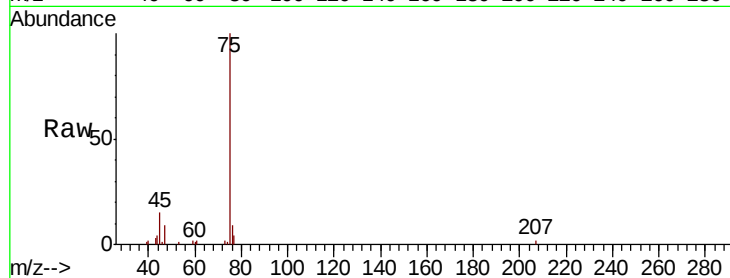
SSSI-1017-S-DH-19A

Tot Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

250

200

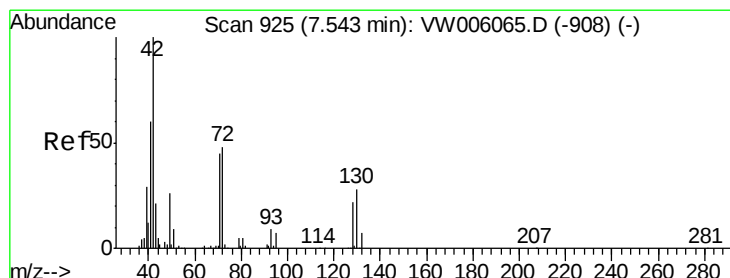
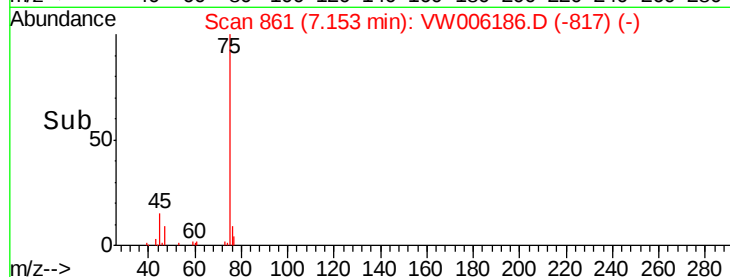
150

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 1.328 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.01 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

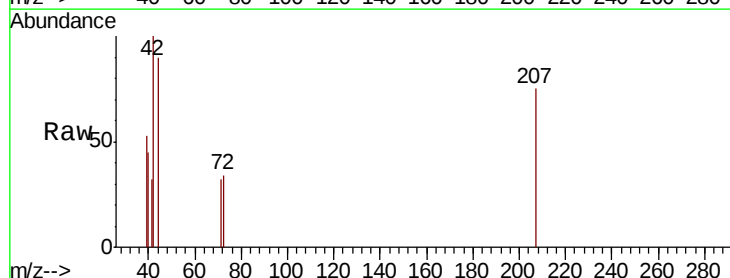
Tgt Ion: 42 Resp: 458

Ion Ratio Lower Upper

42 100

72 20.5 38.0 57.0#

71 25.5 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

300

250

200

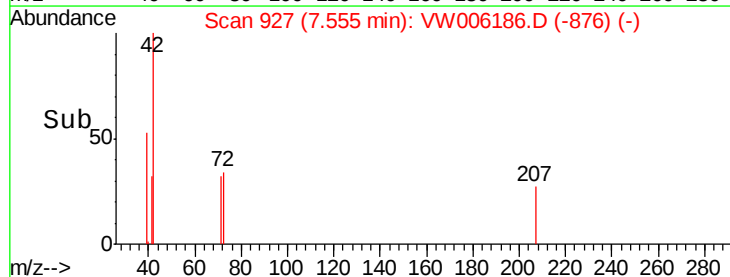
150

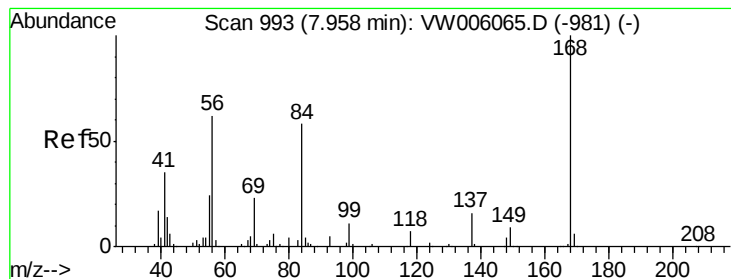
100

50

0

Time-->





#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19A

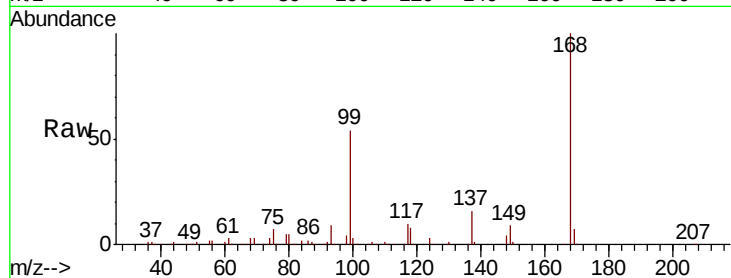
Tot Ion: 56 Resp: 4638

Ion Ratio Lower Upper

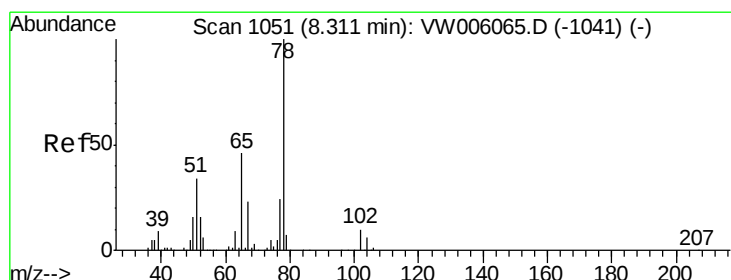
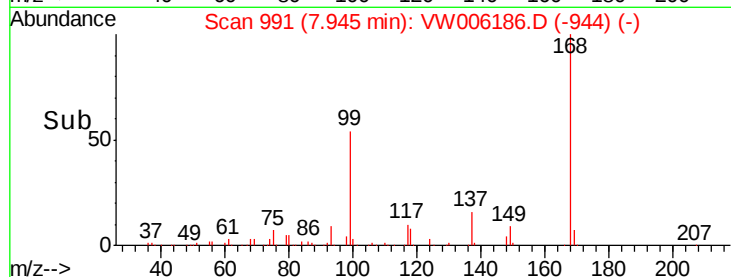
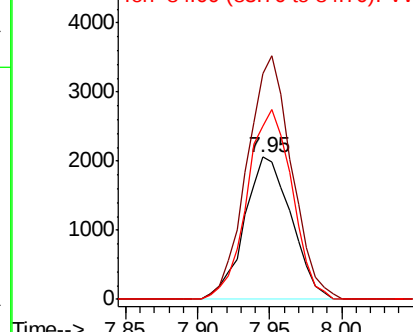
56 100

69 158.4 29.4 44.0#

84 121.4 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: 57.069 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006186.D

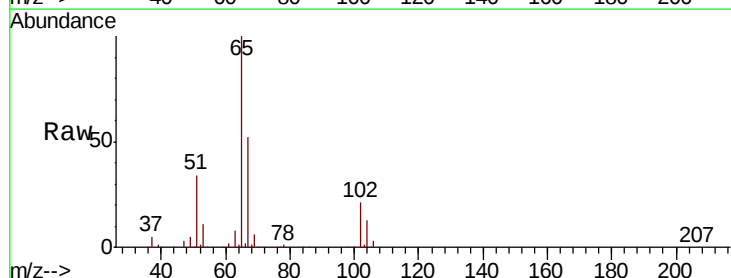
Acq: 18 Oct 2018 19:45

Tgt Ion: 65 Resp: 118521

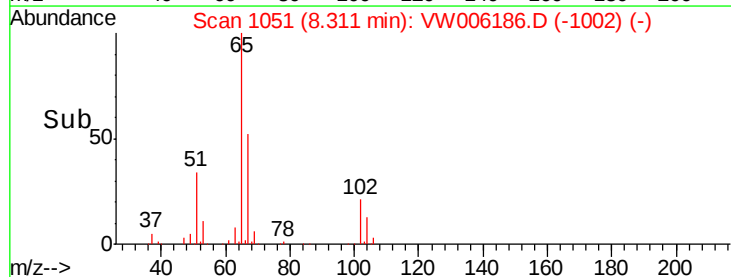
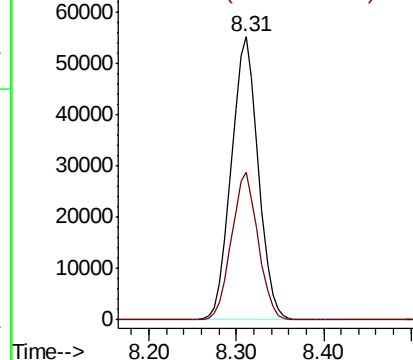
Ion Ratio Lower Upper

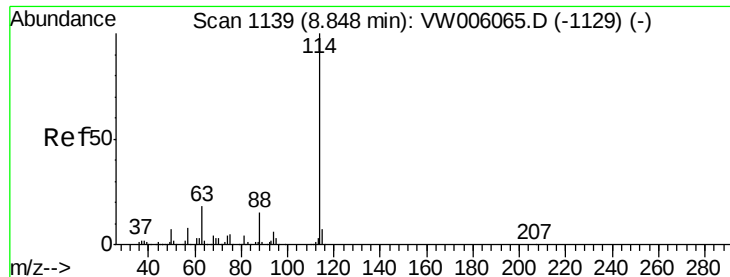
65 100

67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

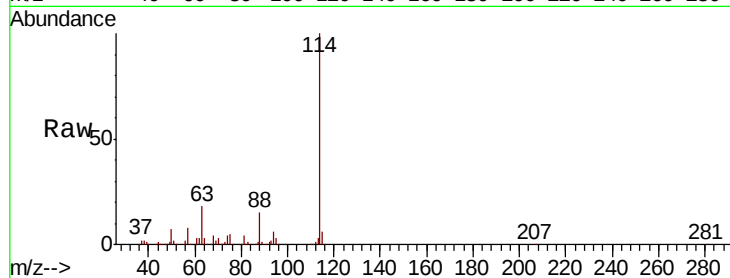




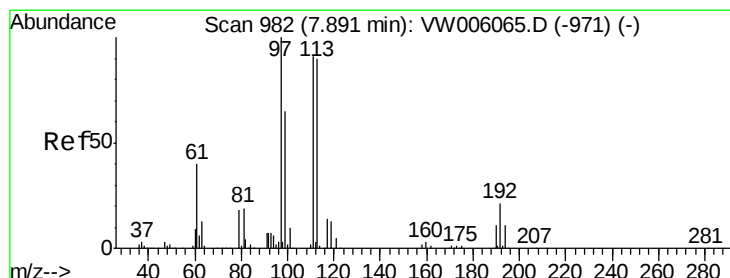
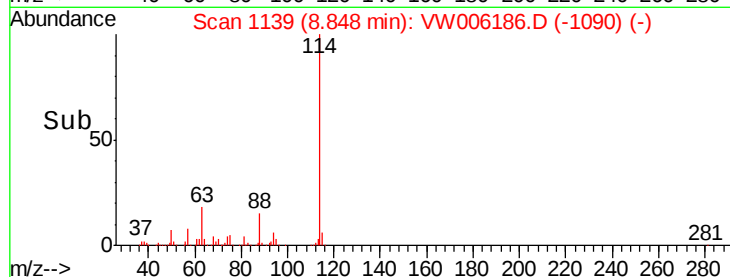
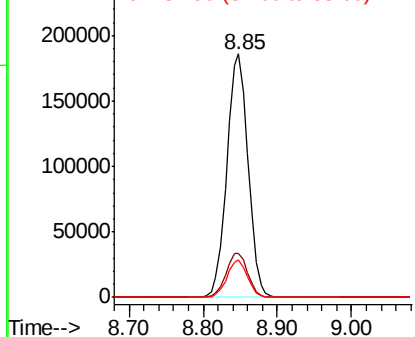
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006186.D
 Acq: 18 Oct 2018 19:45

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19A

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	15.3	0.0	29.0

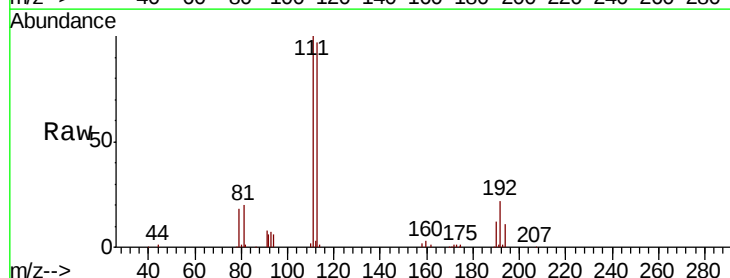


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

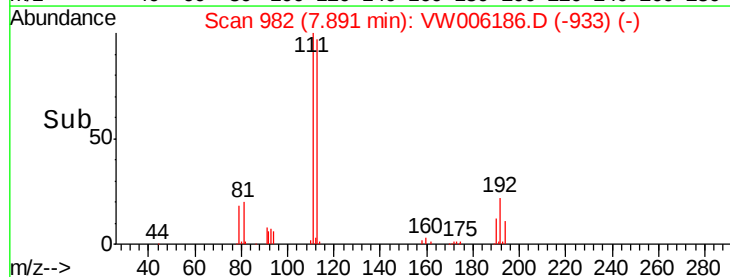
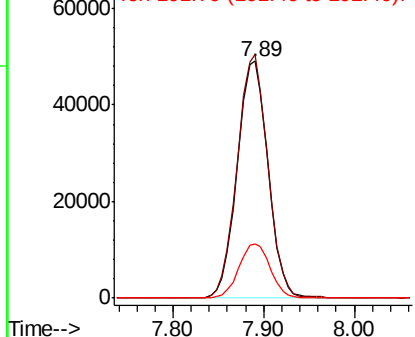


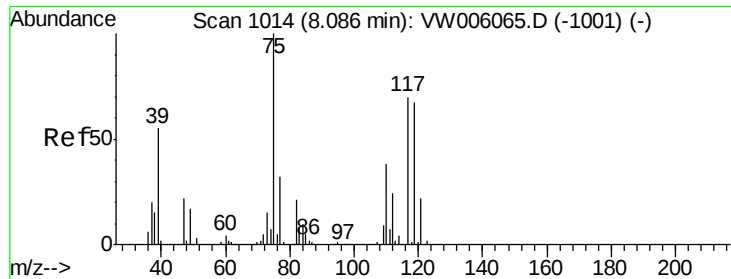
#35
 Dibromofluoromethane
 Concen: 53.171 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006186.D
 Acq: 18 Oct 2018 19:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	23.0	18.7	28.1



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

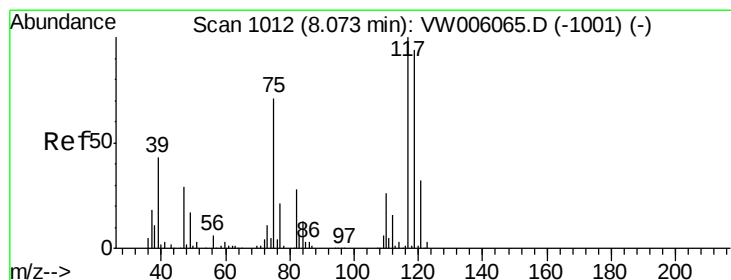
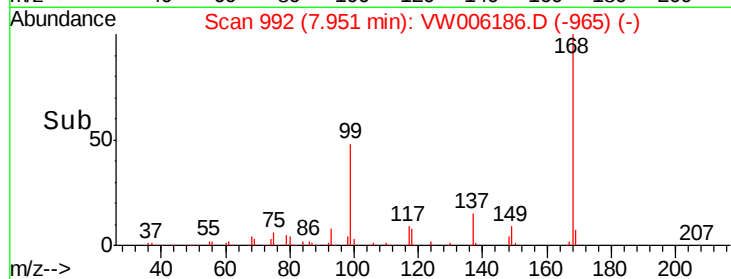
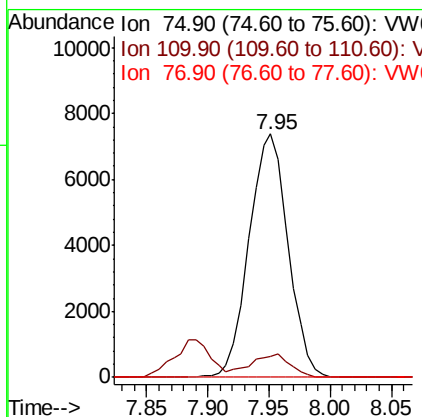
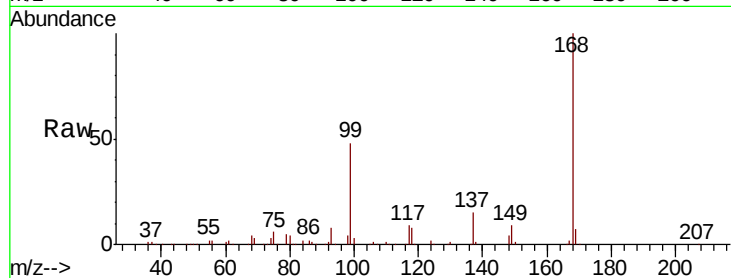




#36
 1,1-Dichloropropene
 Concen: 4.818 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006186.D
 Acq: 18 Oct 2018 19:45

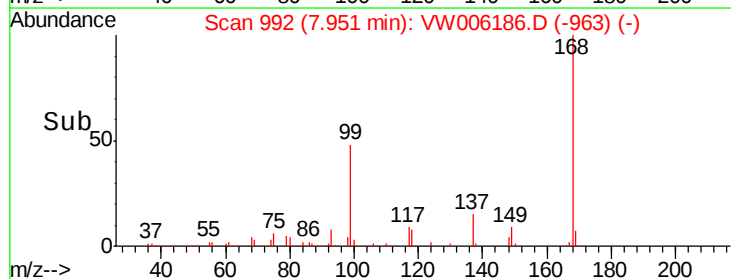
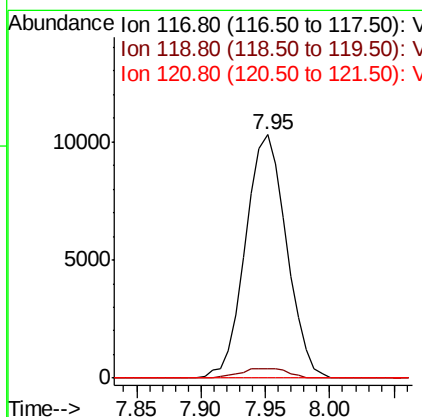
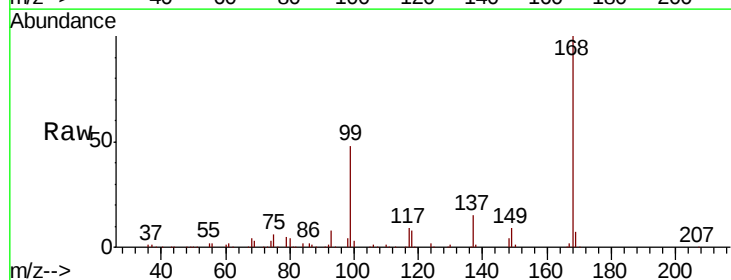
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1017-S-DH-19A

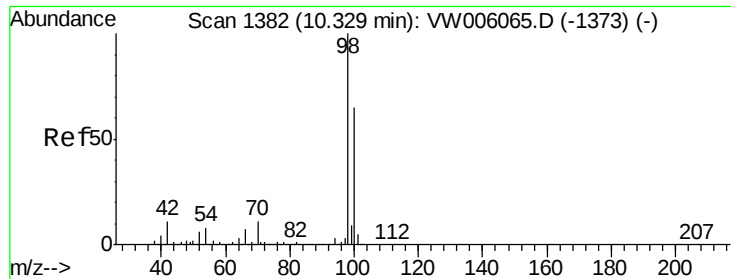
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.095 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006186.D
 Acq: 18 Oct 2018 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 51.144 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

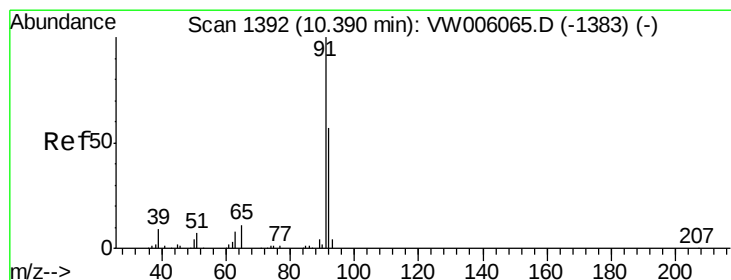
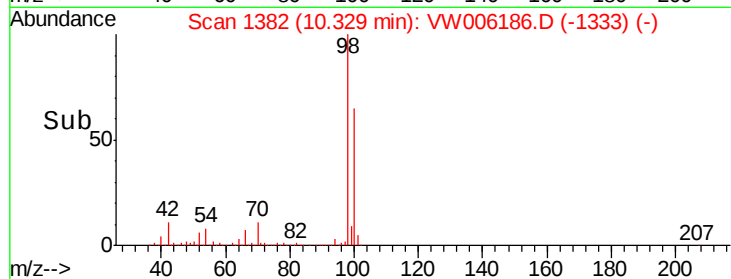
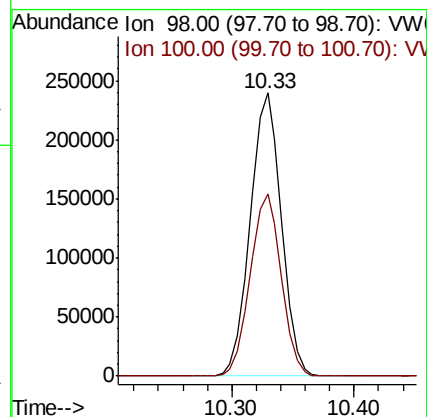
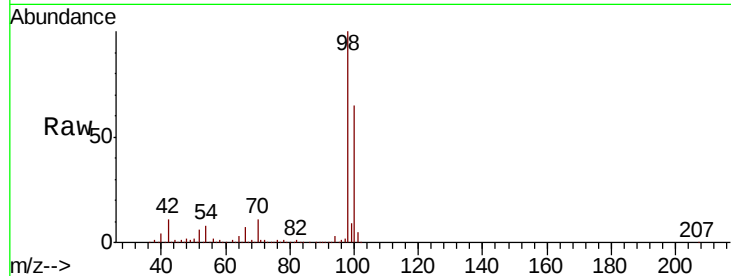
SSSI-1017-S-DH-19A

Tot Ion: 98 Resp: 423979

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#52

Toluene

Concen: 1.182 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006186.D

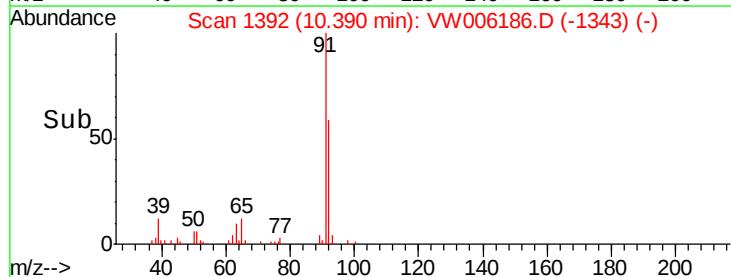
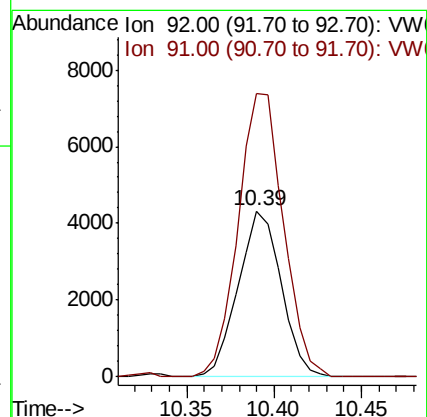
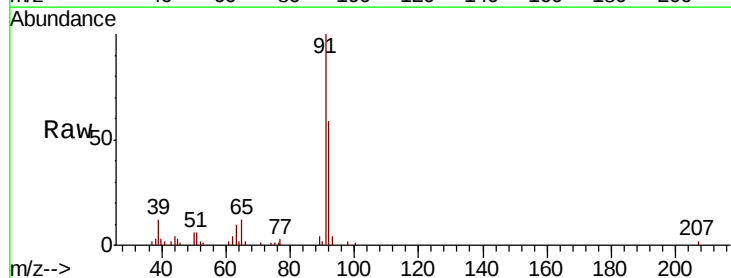
Acq: 18 Oct 2018 19:45

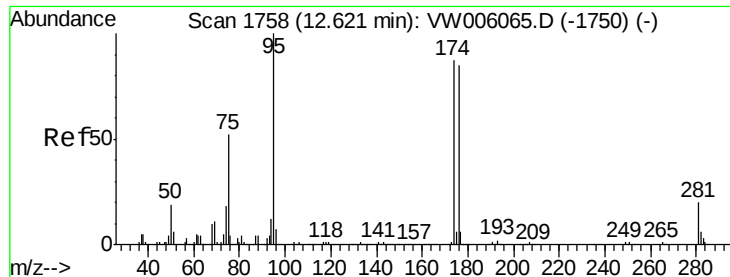
Tgt Ion: 92 Resp: 7389

Ion Ratio Lower Upper

92 100

91 179.6 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 49.997 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19A

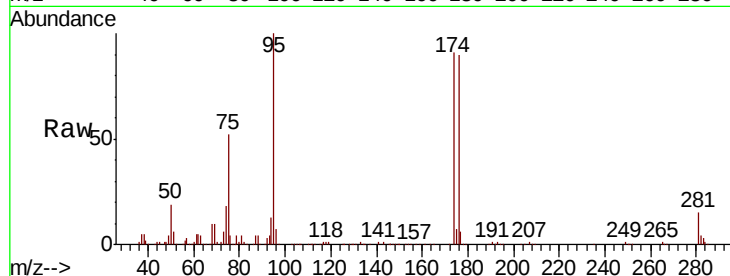
Tot Ion: 95 Resp: 155670

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

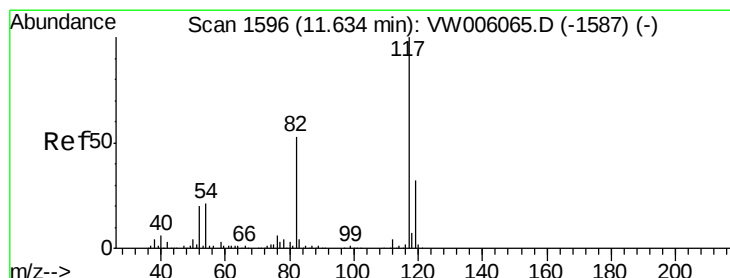
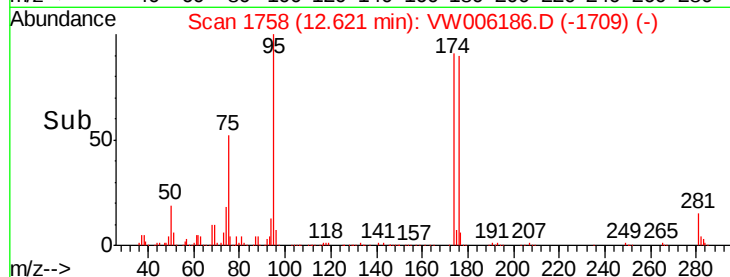
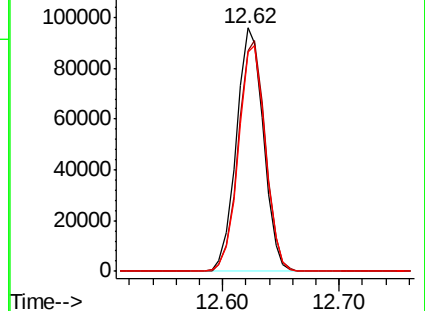
176 92.5 0.0 181.6



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: VW006186.D

Acq: 18 Oct 2018 19:45

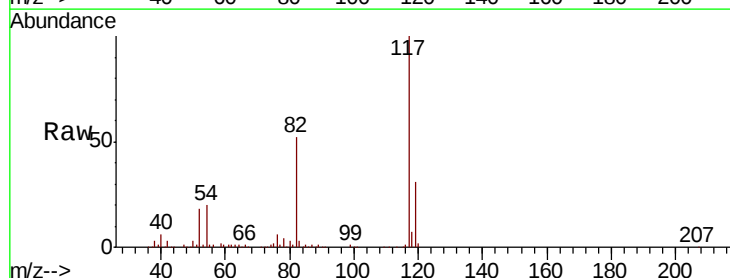
Tgt Ion: 117 Resp: 335190

Ion Ratio Lower Upper

117 100

82 52.2 42.1 63.1

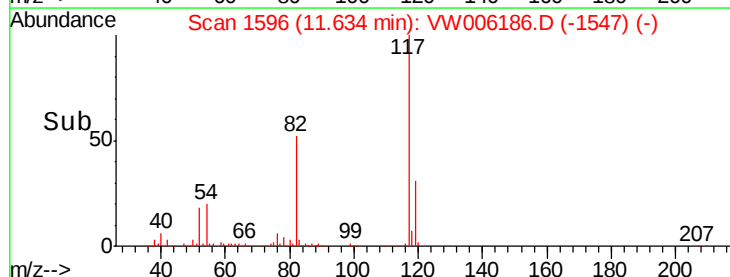
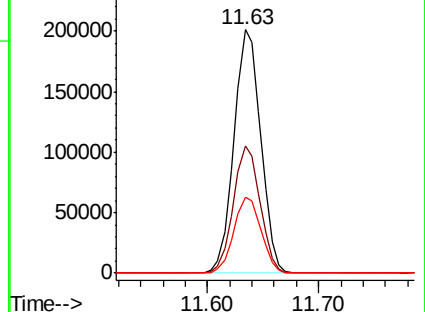
119 31.4 25.8 38.6

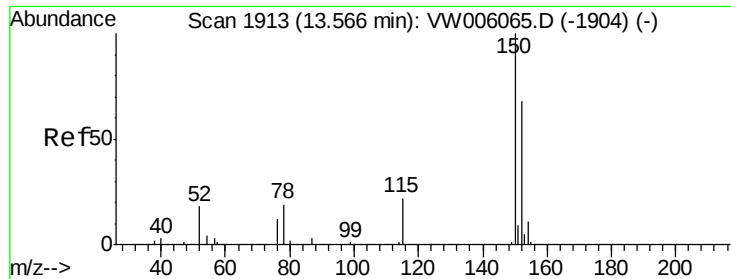


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19A

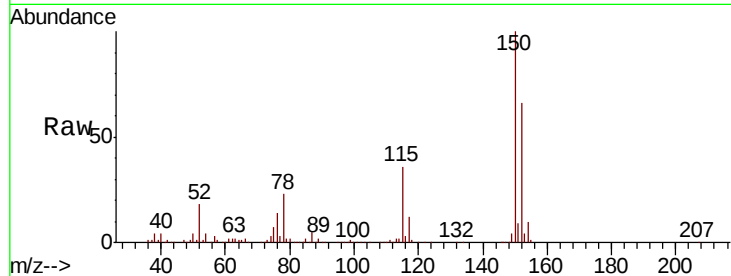
Tot Ion:152 Resp: 174166

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

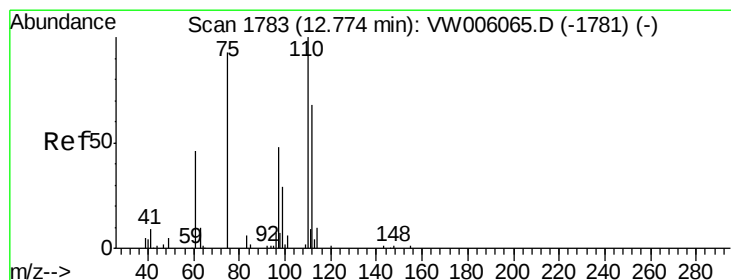
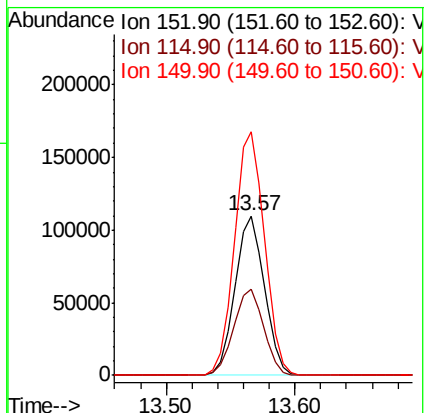
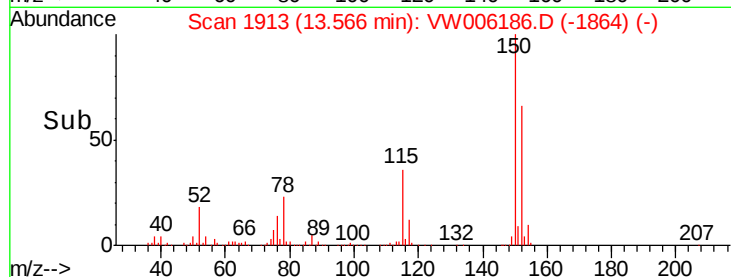
150 155.0 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 60.211 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006186.D

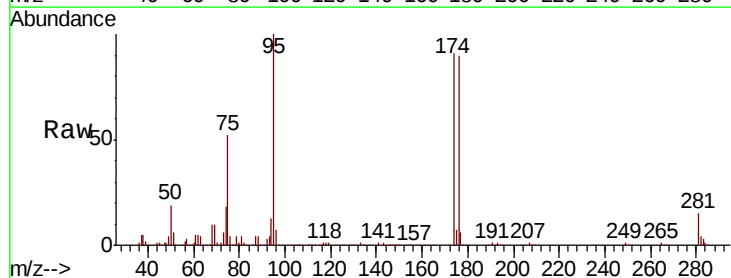
Acq: 18 Oct 2018 19:45

Tgt Ion: 75 Resp: 80098

Ion Ratio Lower Upper

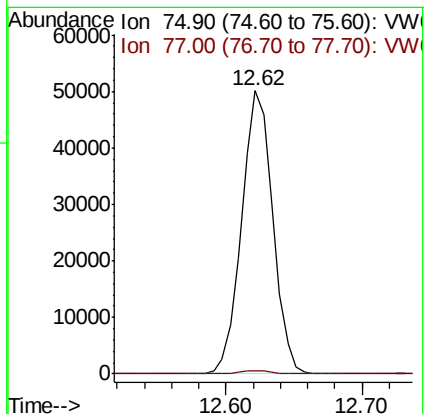
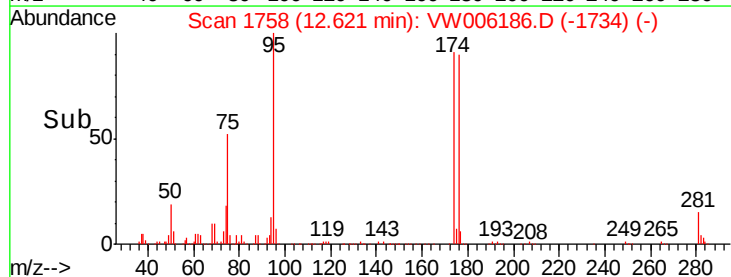
75 100

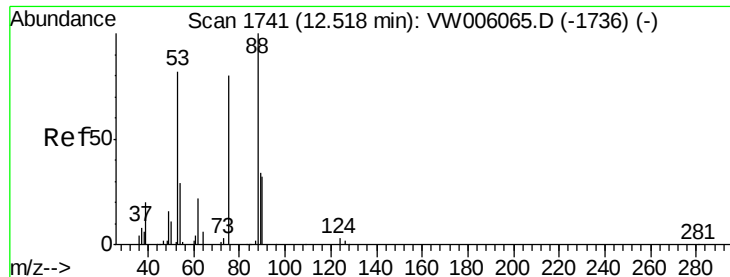
77 1.2 0.0 0.0#



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: 143.928 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006186.D

Acq: 18 Oct 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1017-S-DH-19A

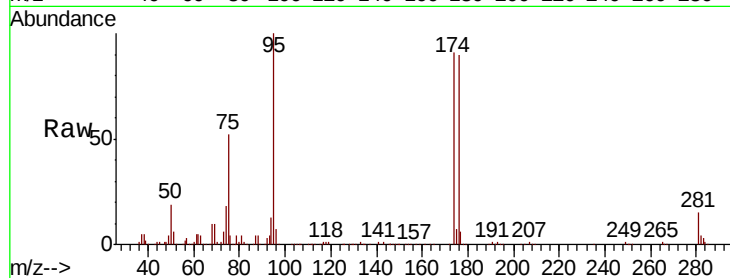
Tot Ion: 75 Resp: 80098

Ion Ratio Lower Upper

75 100

53 0.0 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

