

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006223.D
 Acq On : 19 Oct 2018 14:16
 Operator : VA/AP
 Sample : VW1019SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBL01

Quant Time: Oct 20 01:18:07 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	266309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176063	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	98411	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	
35) Dibromofluoromethane	7.89	113	99879	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
50) Toluene-d8	10.33	98	393633	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.62	95	141791	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	

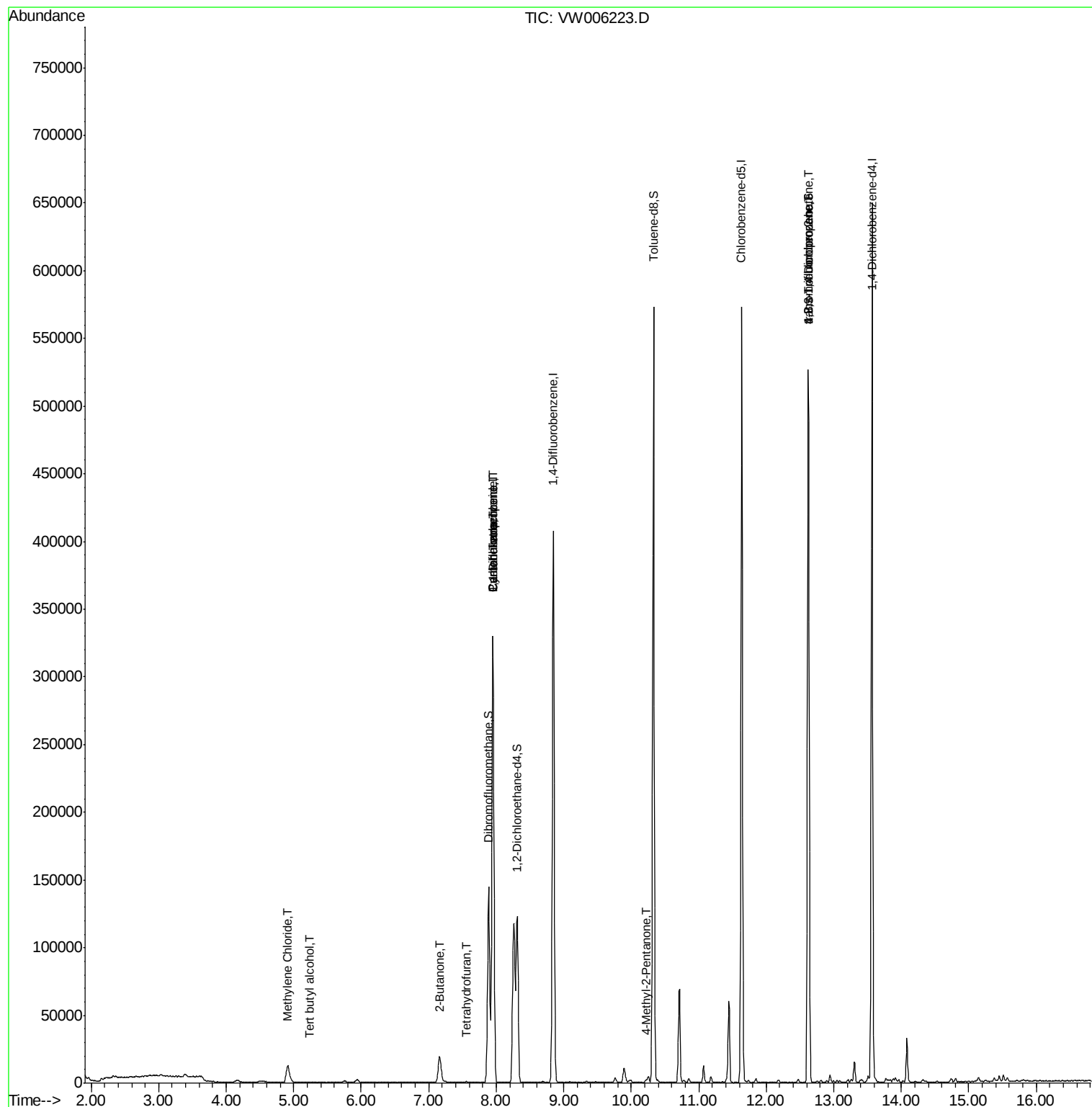
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	150	1.010	ug/l #	71
16) Acetone	4.15	43	3692	Below Cal		96
20) Methylene Chloride	4.92	84	10504	2.965	ug/l	91
25) 2-Butanone	7.17	43	1657	2.778	ug/l #	46
29) Tetrahydrofuran	7.55	42	444	1.211	ug/l #	34
31) Cyclohexane	7.95	56	5139	1.272	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	17600	5.128	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23788	6.322	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	1919	1.469	ug/l #	83
76) 1,2,3-Trichloropropane	12.62	75	72189	53.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72189	128.319	ug/l #	10

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

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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBL01

Quant Time: Oct 20 01:18:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006223.D

Acq: 19 Oct 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

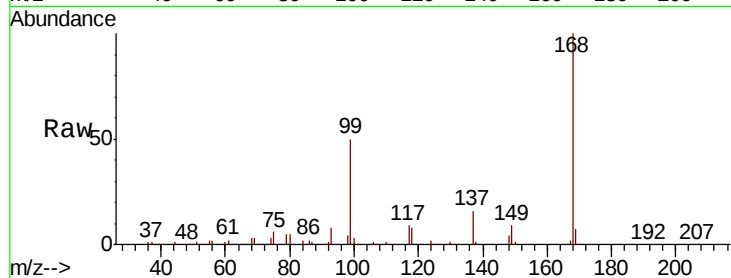
VW1019SBL01

Tot Ion:168 Resp: 266309

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

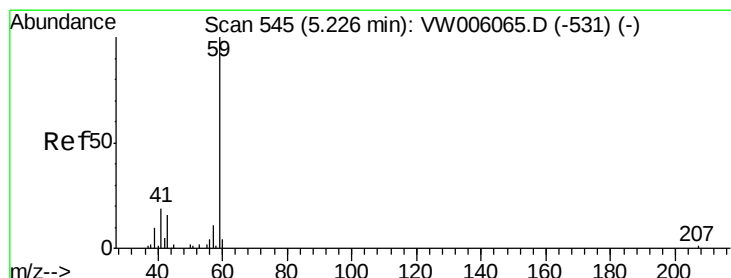
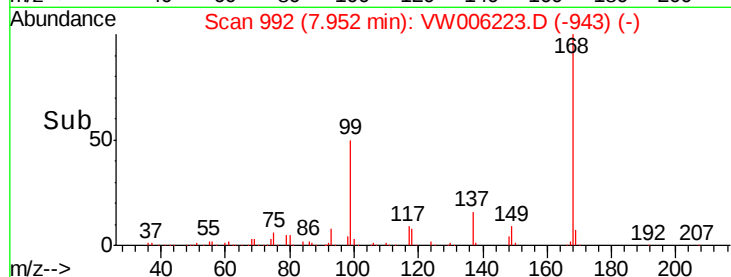
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.010 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006223.D

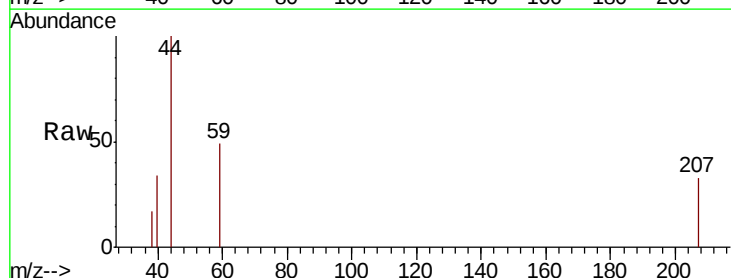
Acq: 19 Oct 2018 14:16

Tgt Ion: 59 Resp: 150

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

5.23

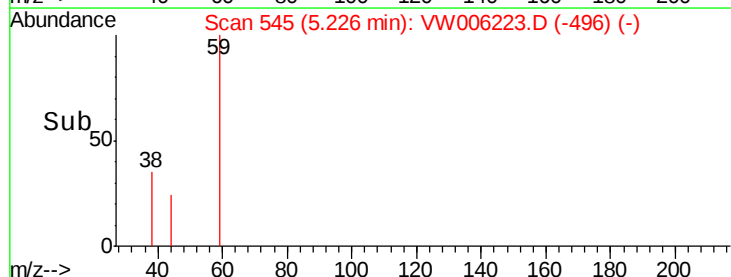
150

100

50

0

Time-->

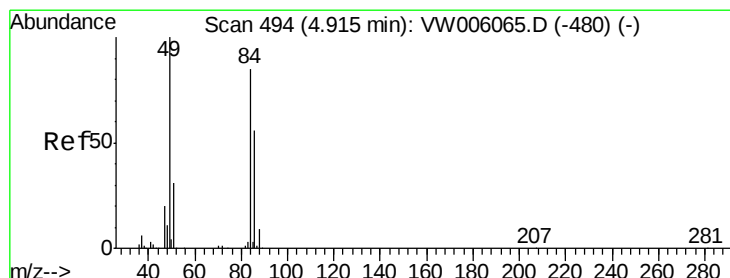
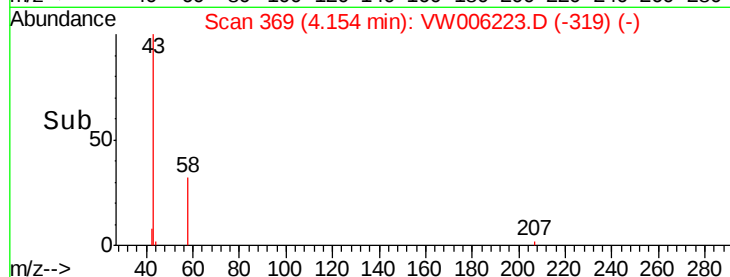
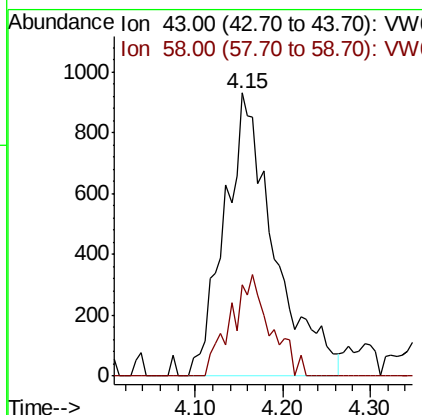
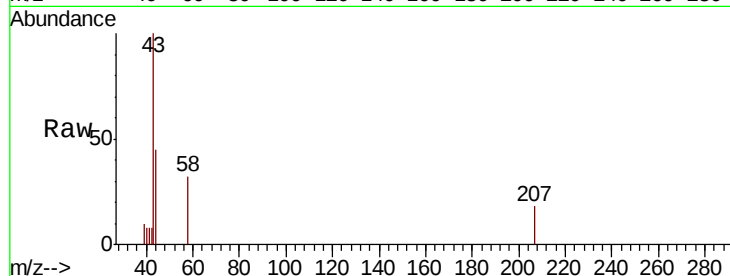




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW006223.D
Acq: 19 Oct 2018 14:16

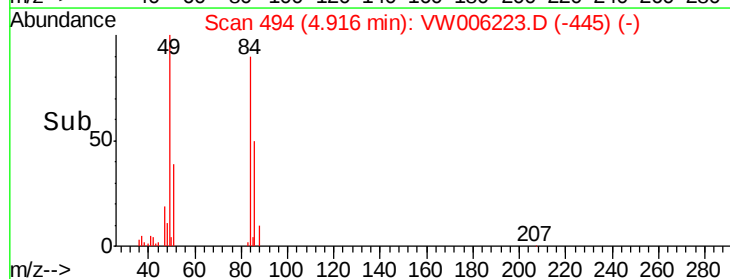
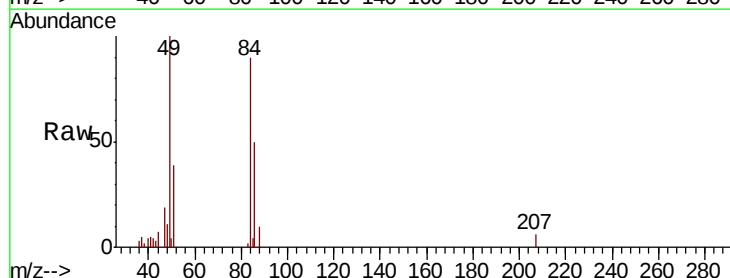
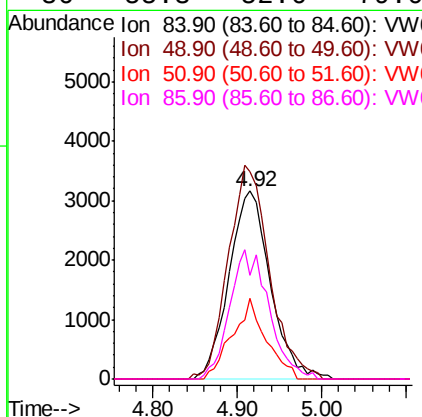
Instrument :
MSVOA_W
ClientSampleId :
VW1019SBL01

Tot Ion: 43 Resp: 3692
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0



#20
Methylene Chloride
Concen: 2.965 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006223.D
Acq: 19 Oct 2018 14:16

Tgt Ion: 84 Resp: 10504
Ion Ratio Lower Upper
84 100
49 110.6 93.6 140.4
51 42.7 29.0 43.4
86 55.3 52.6 79.0





#25

2-Butanone

Concen: 2.778 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.02 min

Lab File: VW006223.D

Acq: 19 Oct 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

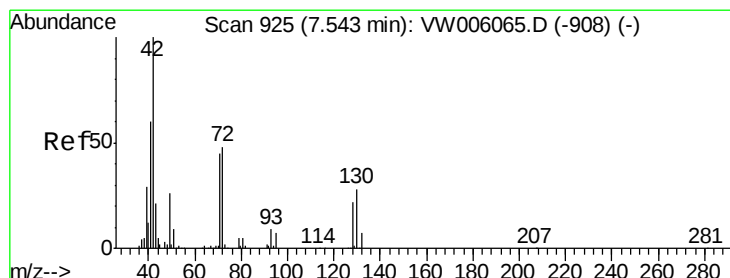
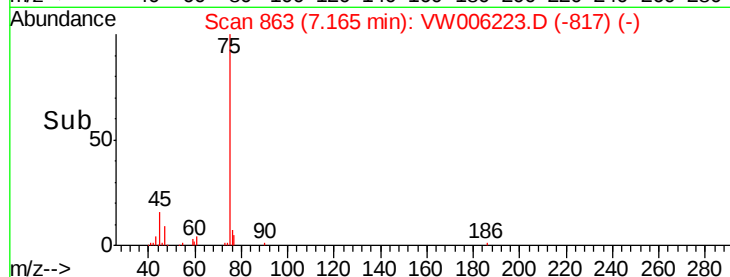
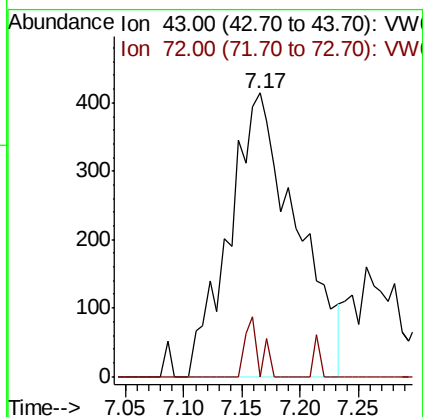
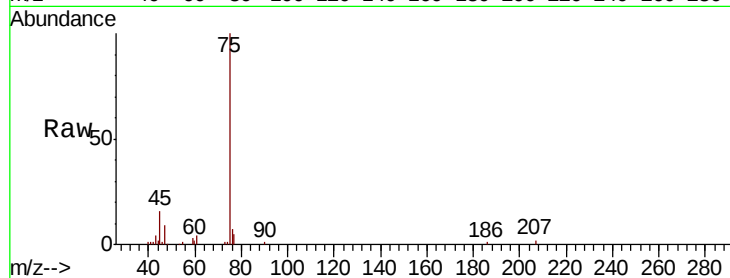
VW1019SBL01

Tot Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



#29

Tetrahydrofuran

Concen: 1.211 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006223.D

Acq: 19 Oct 2018 14:16

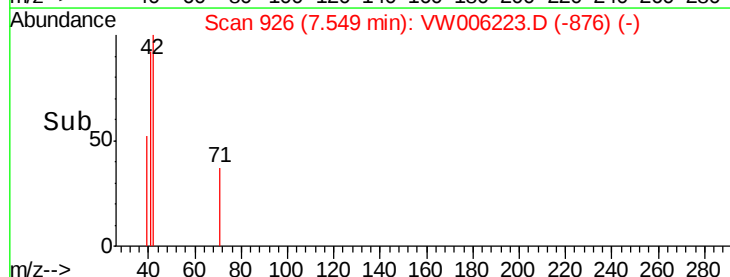
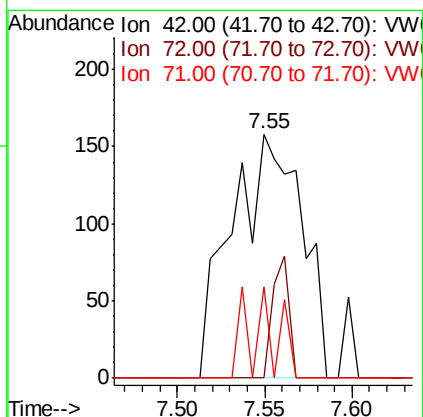
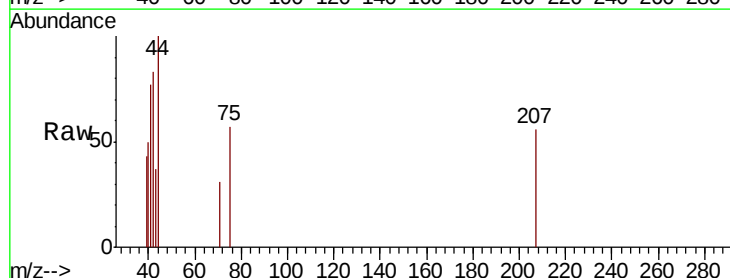
Tgt Ion: 42 Resp: 444

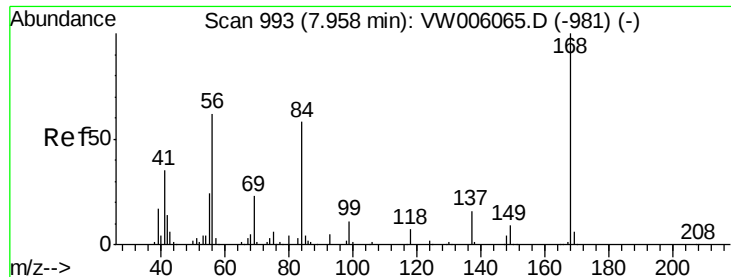
Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

71 5.0 35.3 52.9#

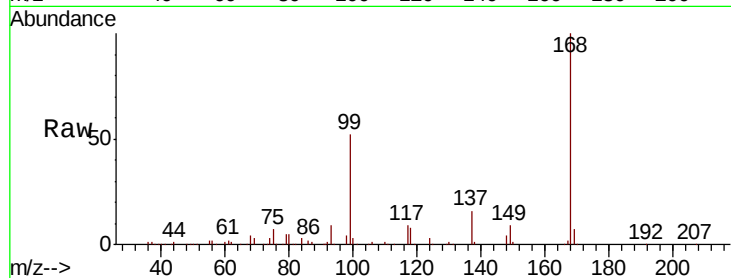




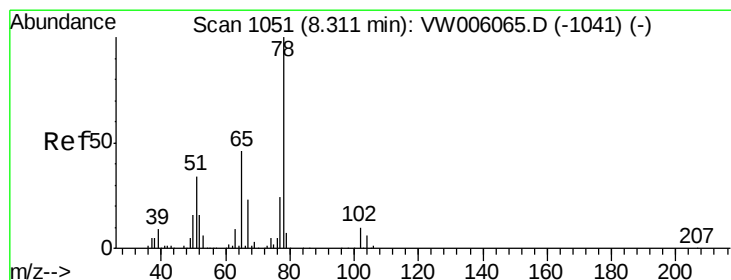
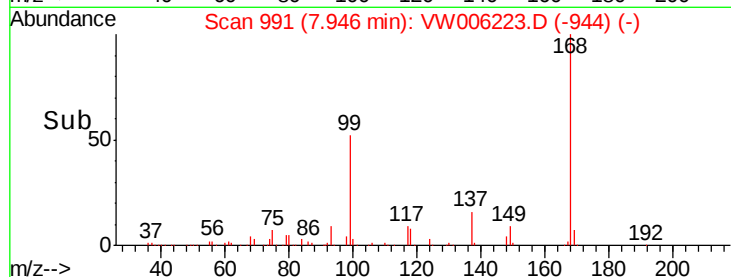
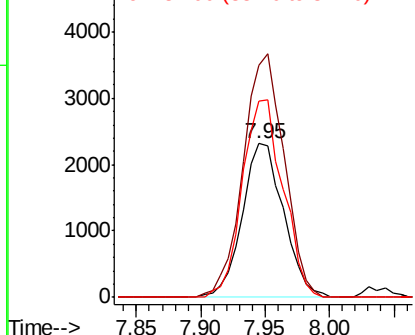
#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006223.D
Acq: 19 Oct 2018 14:16

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBL01

Tot Ion: 56 Resp: 5139
Ion Ratio Lower Upper
56 100
69 150.6 29.4 44.0#
84 128.0 74.0 111.0#

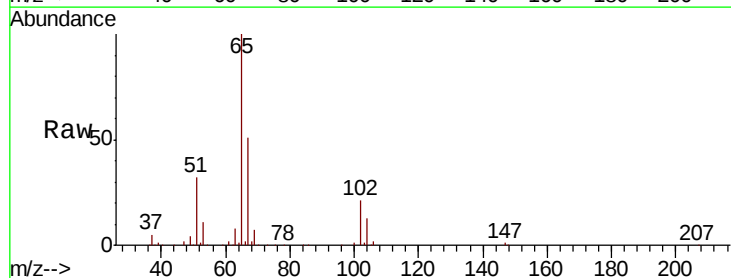


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

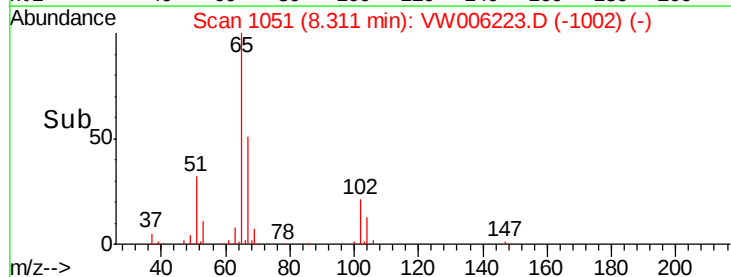
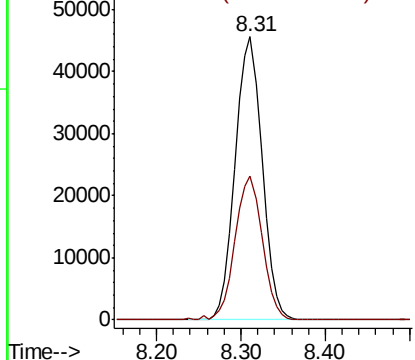


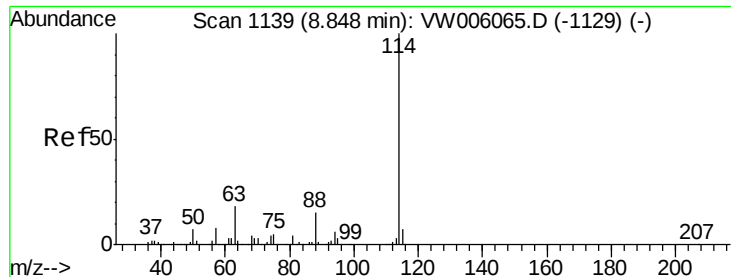
#33
1,2-Dichloroethane-d4
Concen: 44.573 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006223.D
Acq: 19 Oct 2018 14:16

Tgt Ion: 65 Resp: 98411
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

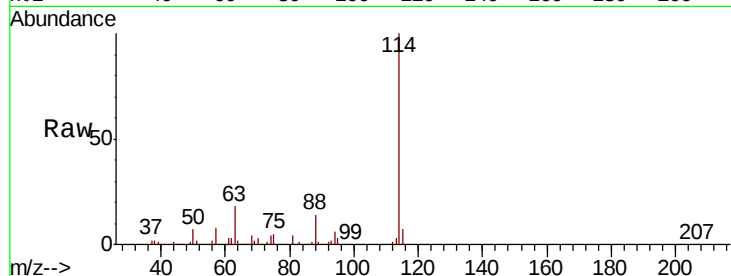




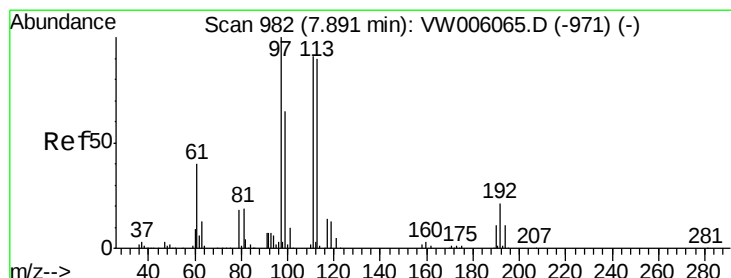
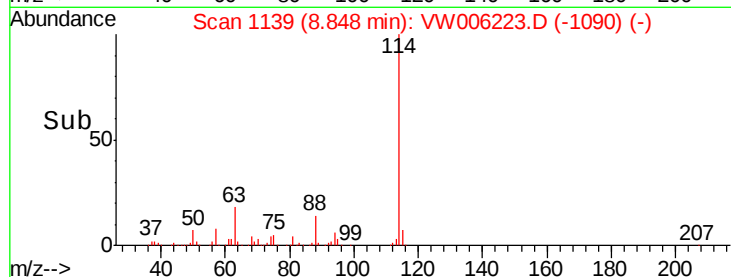
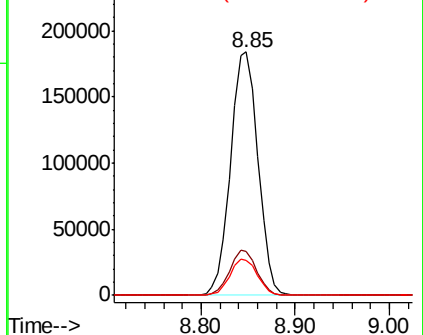
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006223.D
 Acq: 19 Oct 2018 14:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	14.5	0.0	29.0

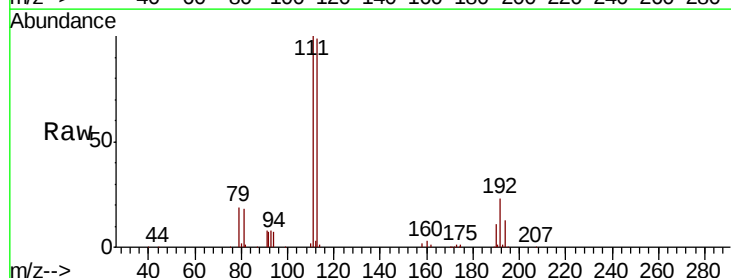


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

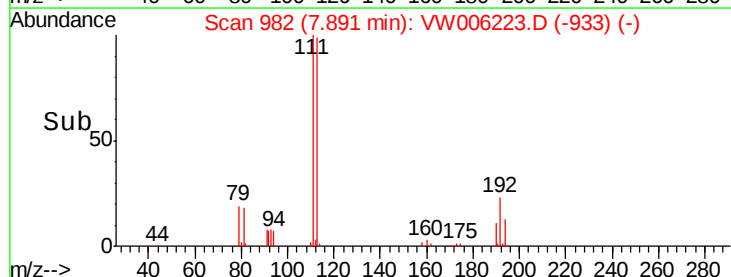
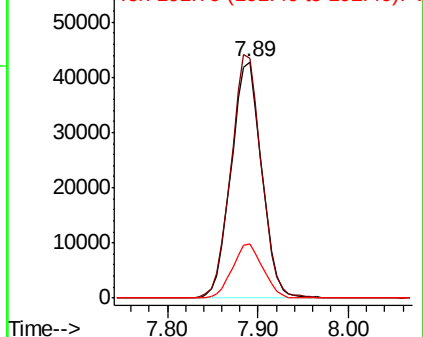


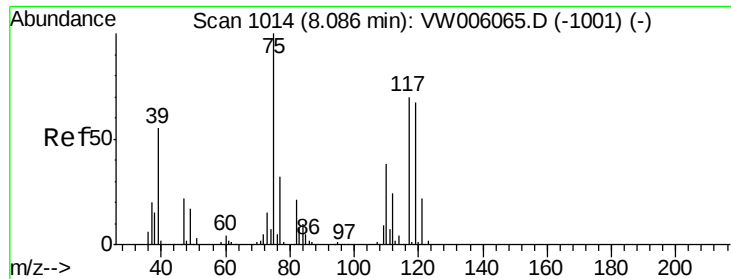
#35
 Dibromofluoromethane
 Concen: 45.392 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006223.D
 Acq: 19 Oct 2018 14:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	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

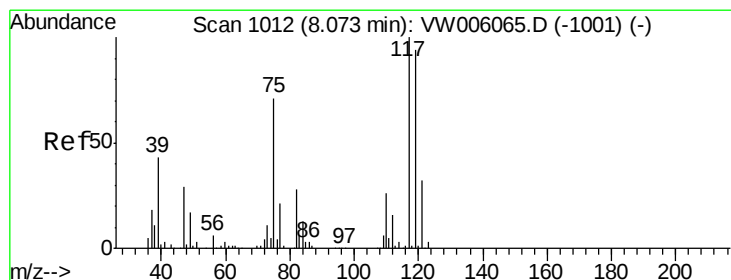
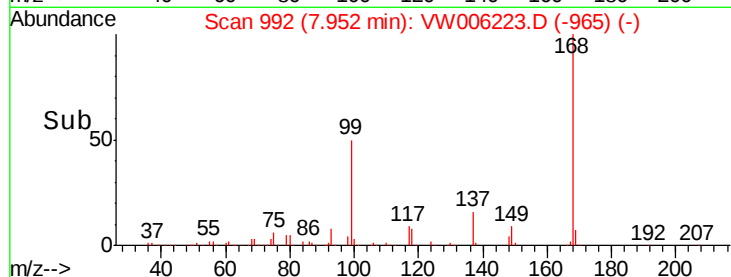
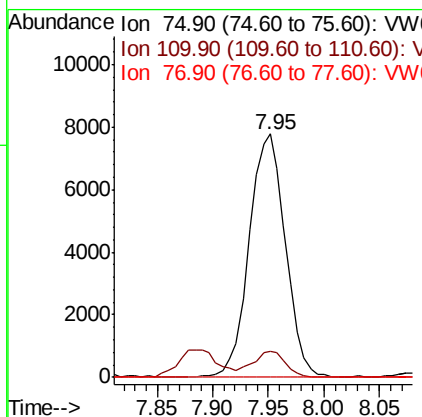
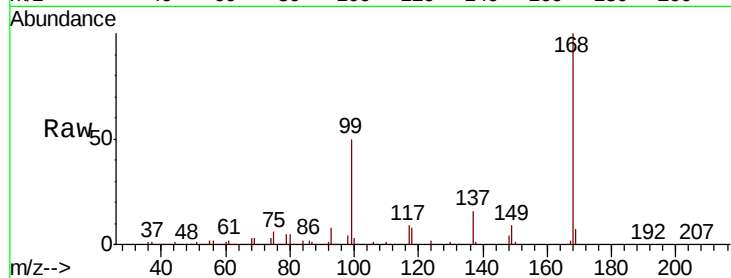




#36
 1,1-Dichloropropene
 Concen: 5.128 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006223.D
 Acq: 19 Oct 2018 14:16

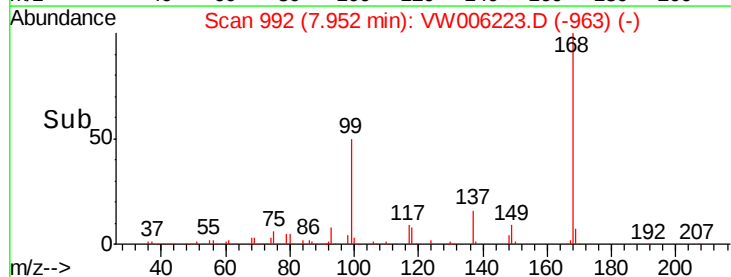
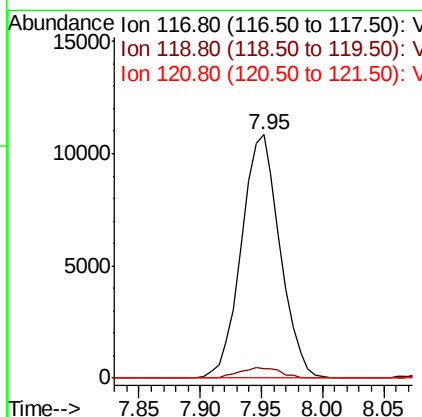
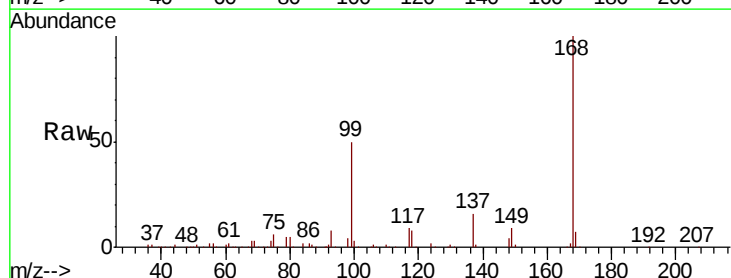
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBL01

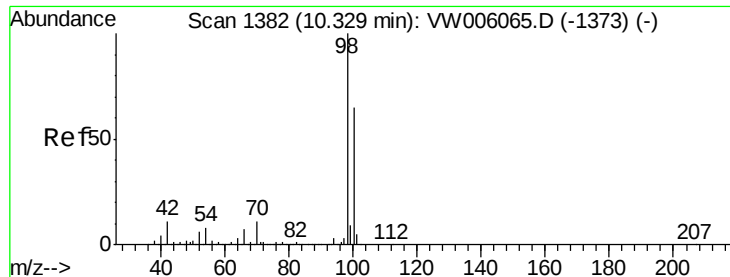
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.322 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006223.D
 Acq: 19 Oct 2018 14:16

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





#50

Toluene-d8

Concen: 47.021 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006223.D

Acq: 19 Oct 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

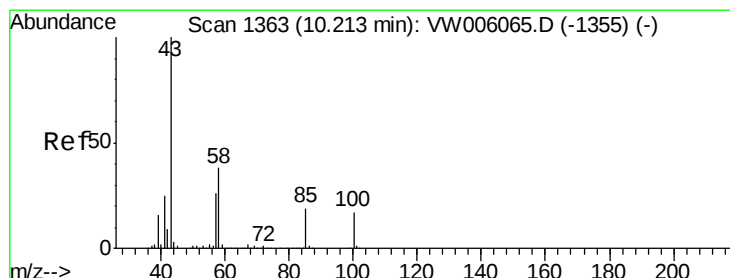
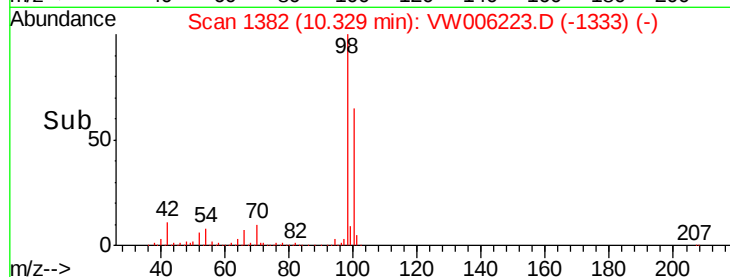
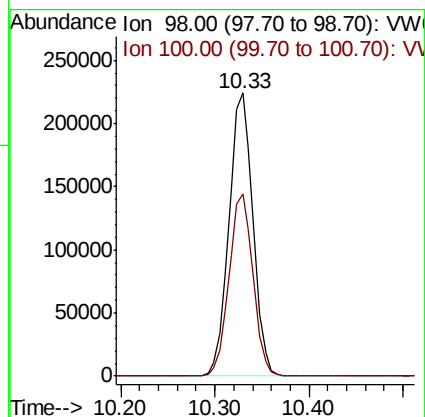
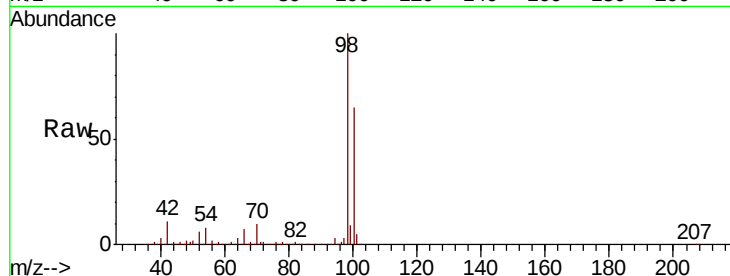
VW1019SBL01

Tot Ion: 98 Resp: 393633

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.469 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006223.D

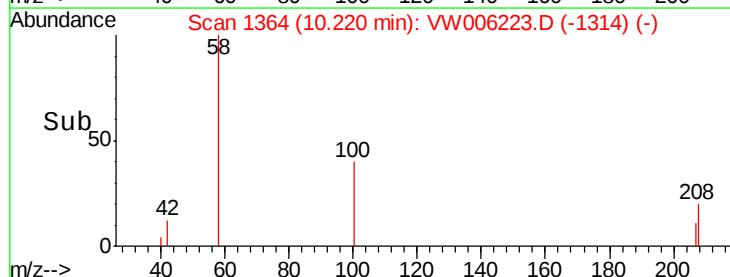
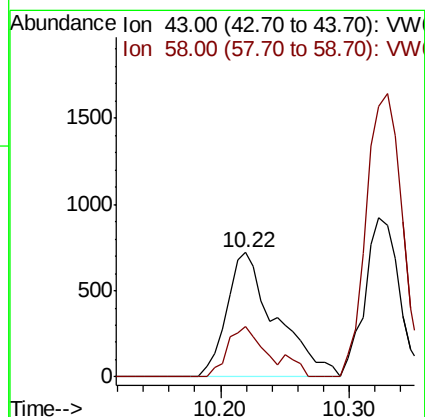
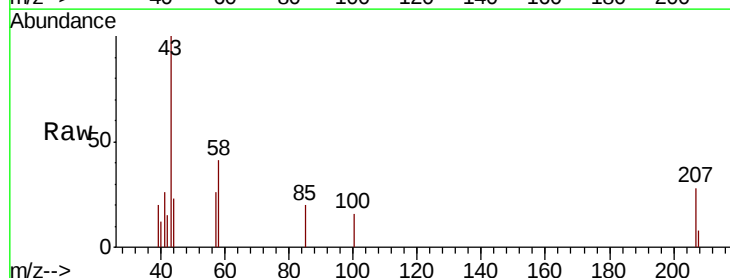
Acq: 19 Oct 2018 14:16

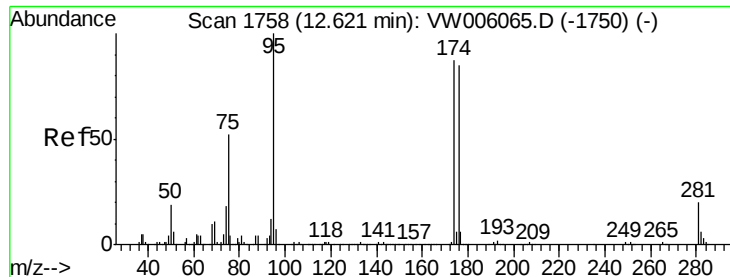
Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

58 28.8 31.5 47.3#





#62

4-Bromofluorobenzene

Concen: 45.096 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006223.D

Acq: 19 Oct 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBL01

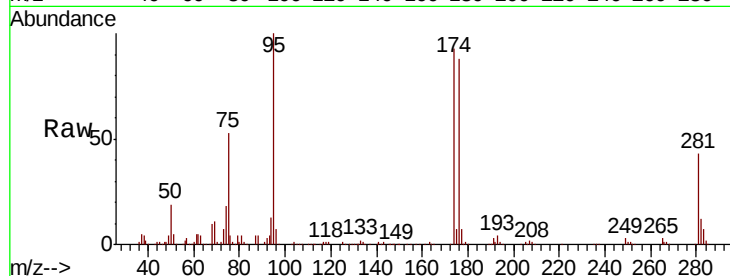
Tot Ion: 95 Resp: 141791

Ion Ratio Lower Upper

95 100

174 95.2 0.0 186.0

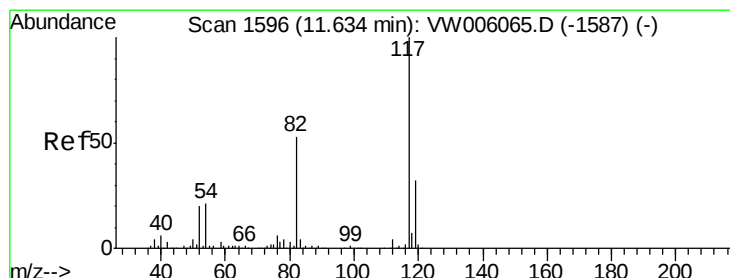
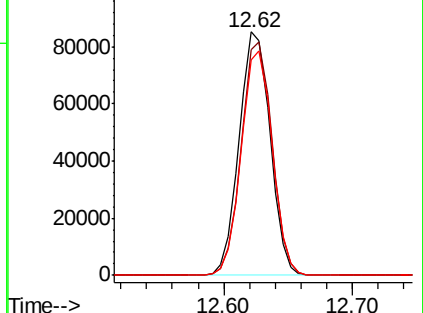
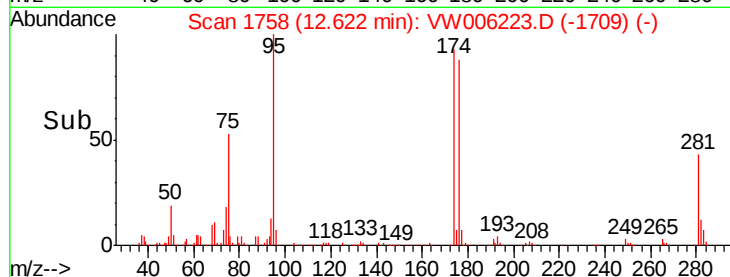
176 92.0 0.0 181.6



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: VW006223.D

Acq: 19 Oct 2018 14:16

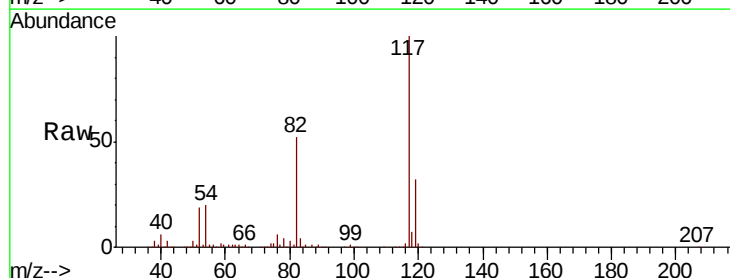
Tgt Ion: 117 Resp: 334493

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

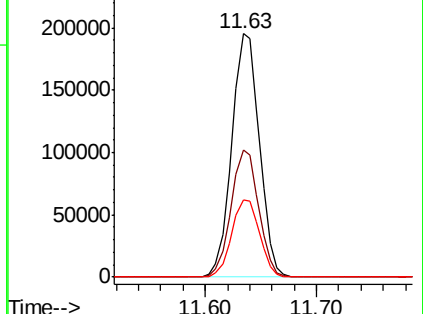
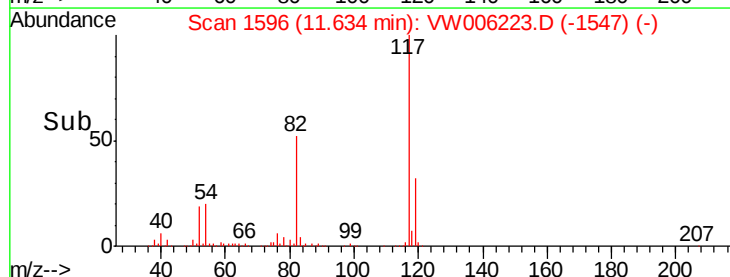
119 31.8 25.8 38.6

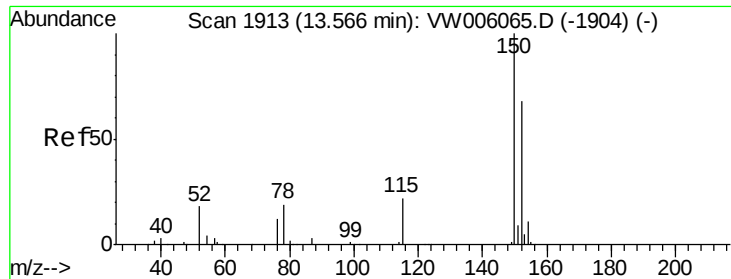


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006223.D

Acq: 19 Oct 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBL01

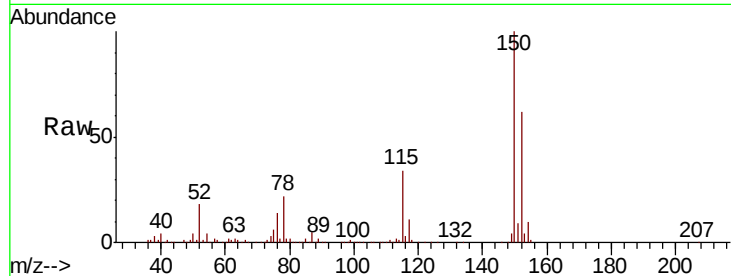
Tot Ion:152 Resp: 176063

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.3

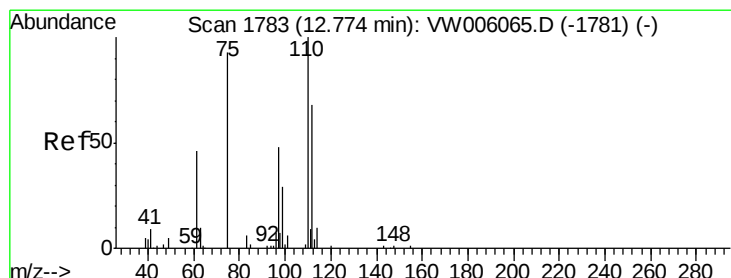
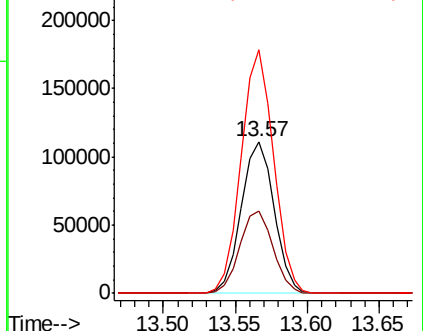
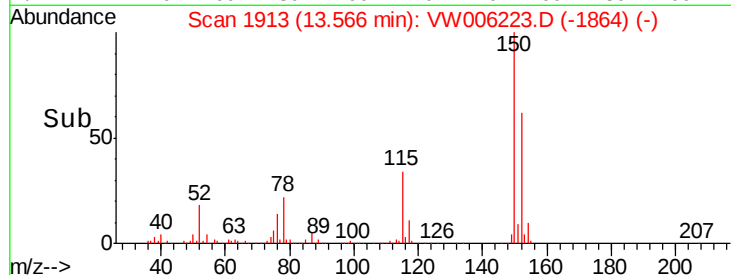
150 158.1 0.0 349.2



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: 53.681 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006223.D

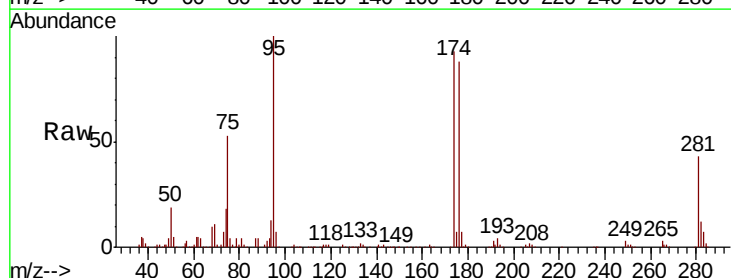
Acq: 19 Oct 2018 14:16

Tgt Ion: 75 Resp: 72189

Ion Ratio Lower Upper

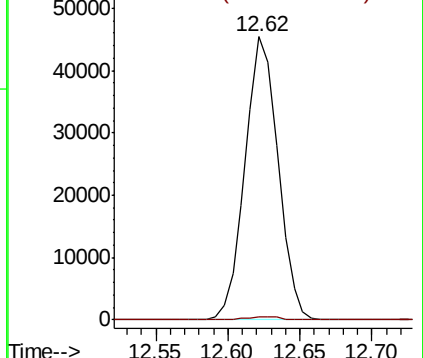
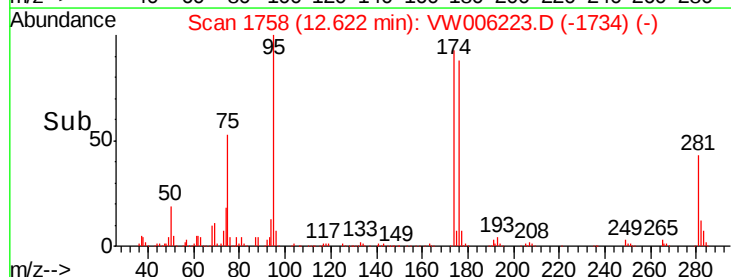
75 100

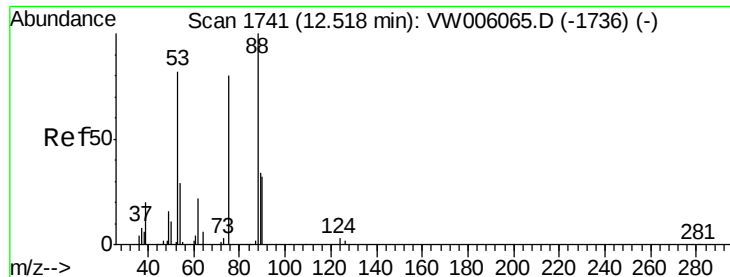
77 1.1 0.0 0.0#



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: 128.319 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006223.D

Acq: 19 Oct 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBL01

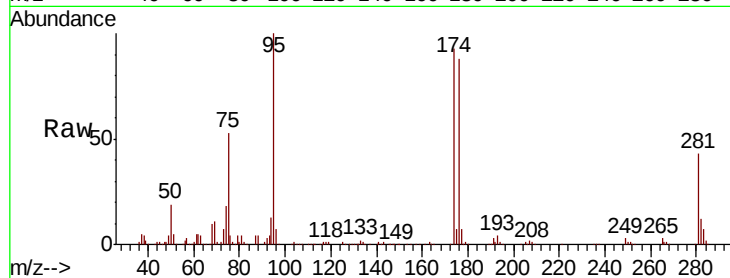
Tot Ion: 75 Resp: 72189

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.2 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

