

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
 Data File : VW006493.D
 Acq On : 30 Oct 2018 11:24
 Operator : SY/AP
 Sample : VW1031SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL02

Quant Time: Oct 30 14:00:10 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	221058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143839	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	81354	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
35) Dibromofluoromethane	7.88	113	91247	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.32	98	337913	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	121312	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	

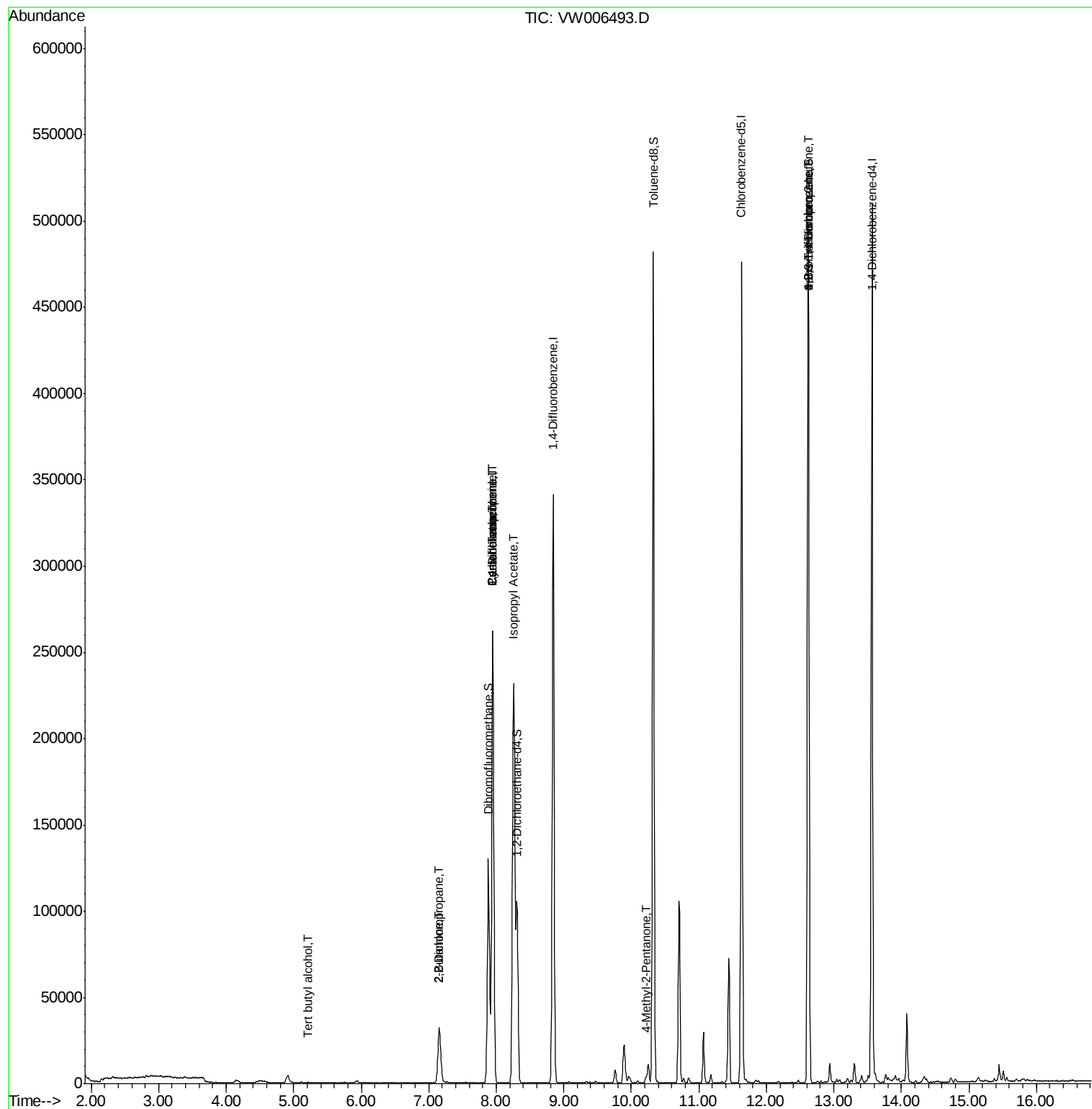
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	369	2.99	ug/l #	71
16) Acetone	4.15	43	3851	Below Cal		98
25) 2-Butanone	7.16	43	1948	3.93	ug/l #	70
26) 2,2-Dichloropropane	7.15	77	2602	1.10	ug/l #	51
31) Cyclohexane	7.95	56	3709	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13749	4.88	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18899	6.12	ug/l #	18
43) Isopropyl Acetate	8.25	43	4644	2.17	ug/l #	30
51) 4-Methyl-2-Pentanone	10.21	43	2245	2.10	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	60732	55.28	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60732	132.14	ug/l #	10

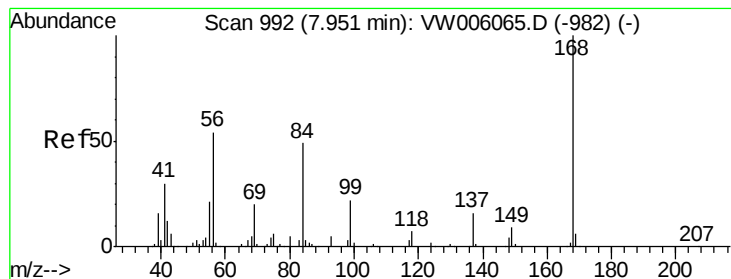
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
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MSVOA_W
ClientSampleId :
VW1031SBL02

Quant Time: Oct 30 14:00:10 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: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

Instrument :

MSVOA_W

ClientSampleId :

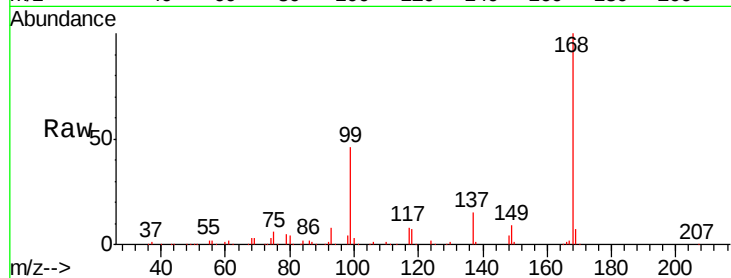
VW1031SBL02

Tgt Ion: 168 Resp: 221058

Ion Ratio Lower Upper

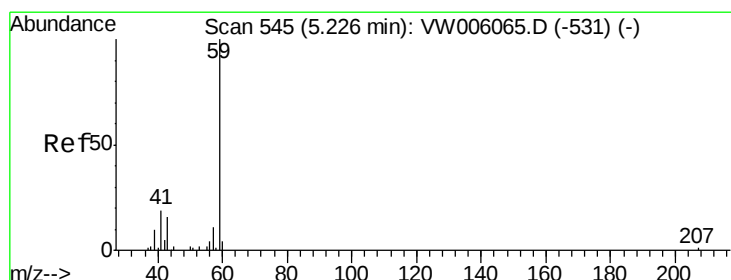
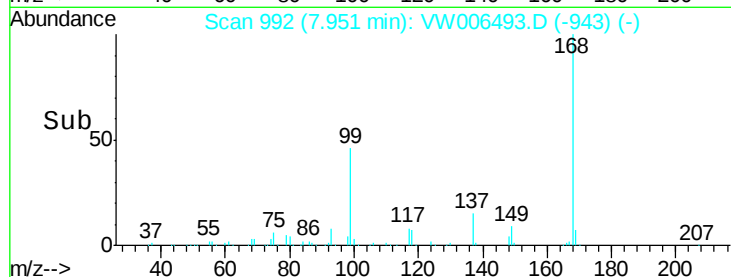
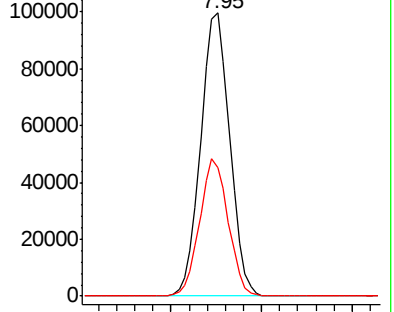
168 100

99 45.6 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: 2.99 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006493.D

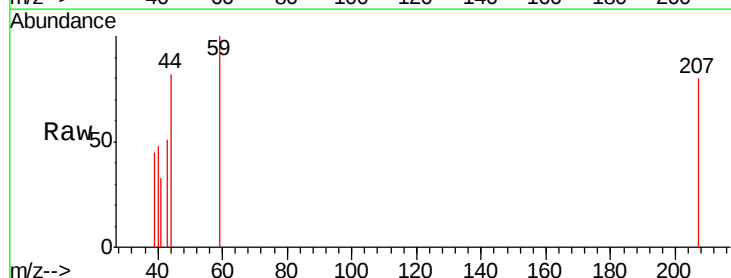
Acq: 30 Oct 2018 11:24

Tgt Ion: 59 Resp: 369

Ion Ratio Lower Upper

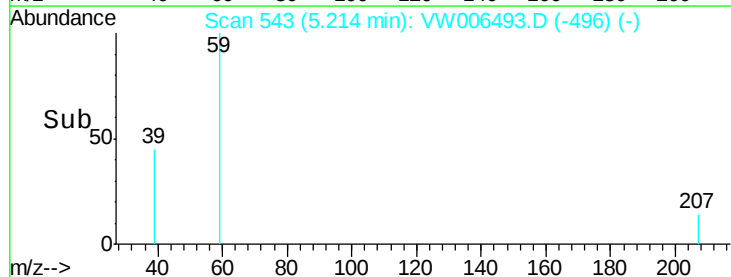
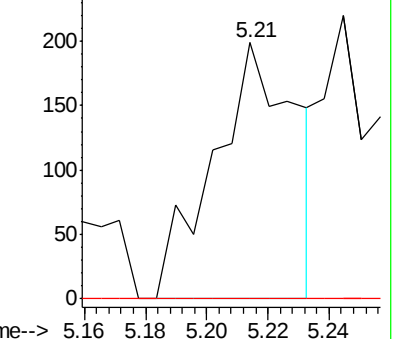
59 100

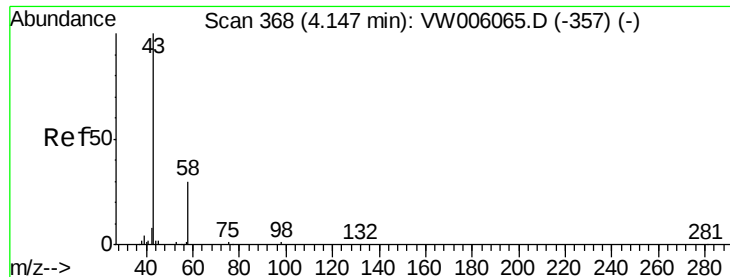
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

Instrument :

MSVOA_W

ClientSampleId :

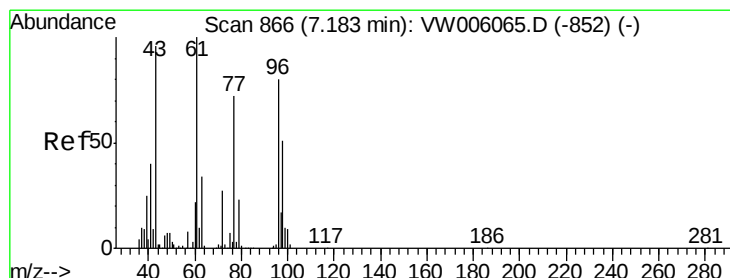
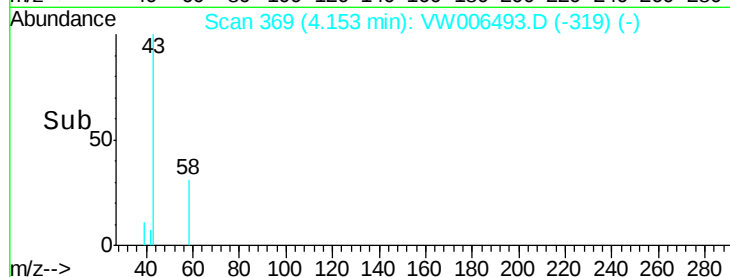
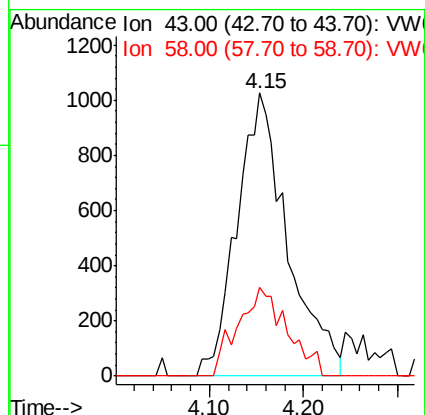
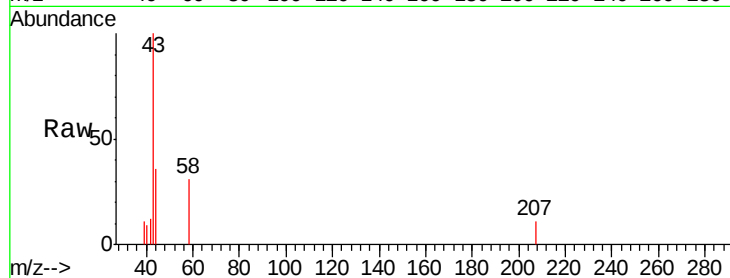
VW1031SBL02

Tgt Ion: 43 Resp: 3851

Ion Ratio Lower Upper

43 100

58 31.3 24.0 36.0



#25

2-Butanone

Concen: 3.93 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006493.D

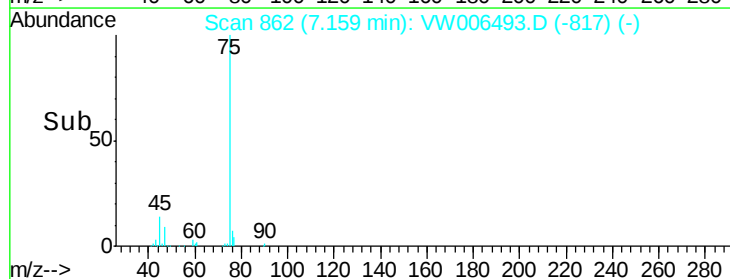
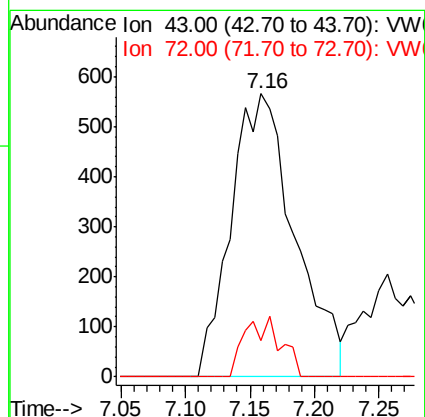
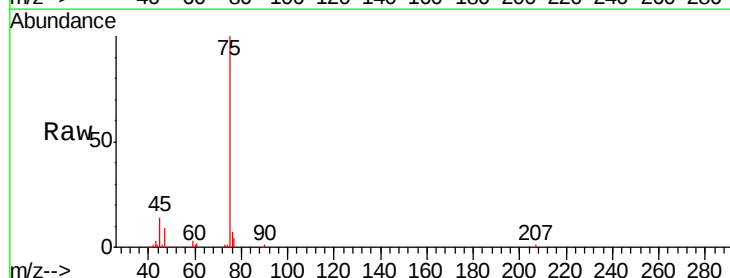
Acq: 30 Oct 2018 11:24

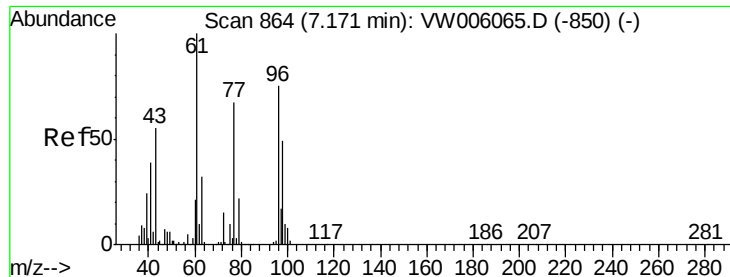
Tgt Ion: 43 Resp: 1948

Ion Ratio Lower Upper

43 100

72 12.7 22.8 34.2#

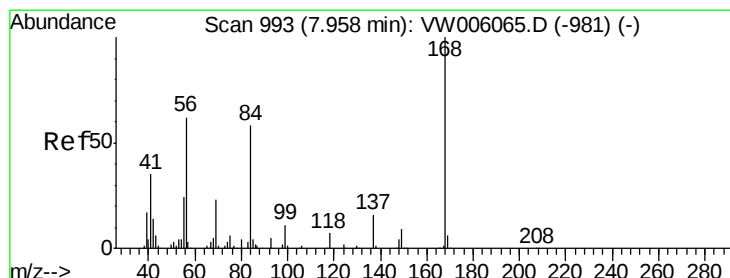
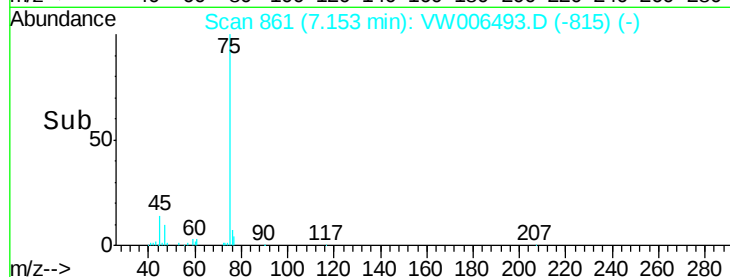
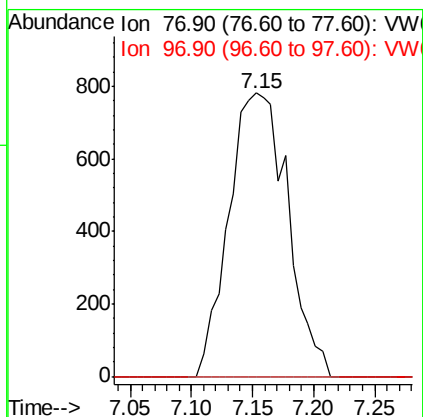
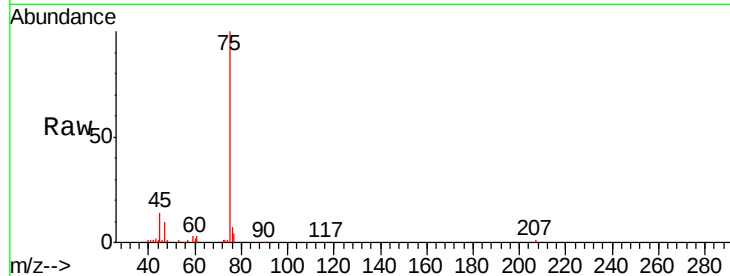




#26
 2,2-Dichloropropane
 Concen: 1.10 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

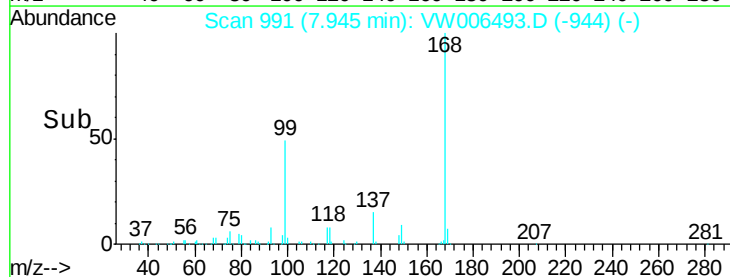
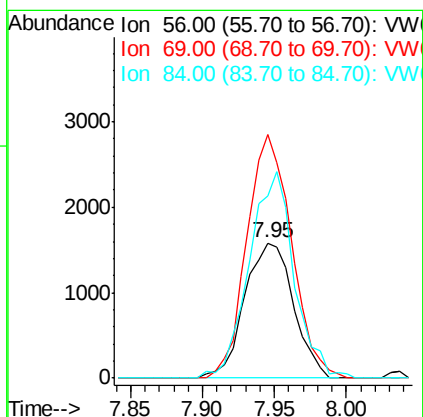
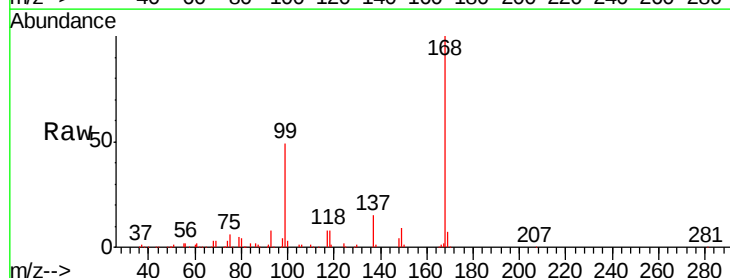
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL02

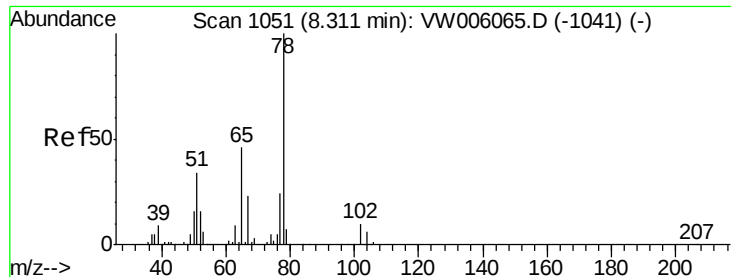
Tgt Ion: 77 Resp: 2602
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.4#



#31
 Cyclohexane
 Concen: 1.11 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

Tgt Ion: 56 Resp: 3709
 Ion Ratio Lower Upper
 56 100
 69 180.3 29.4 44.0#
 84 135.1 74.0 111.0#

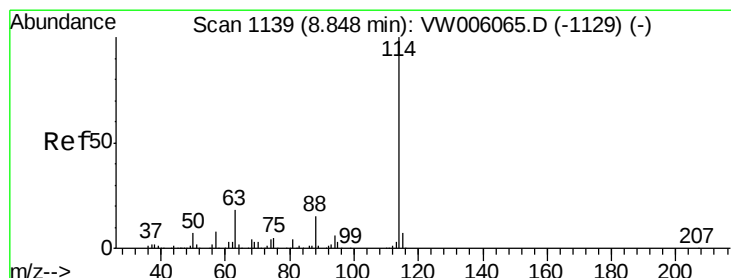
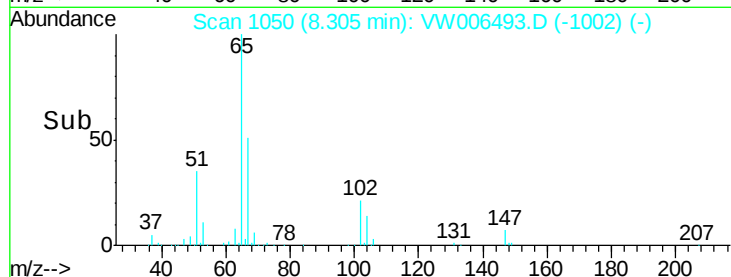
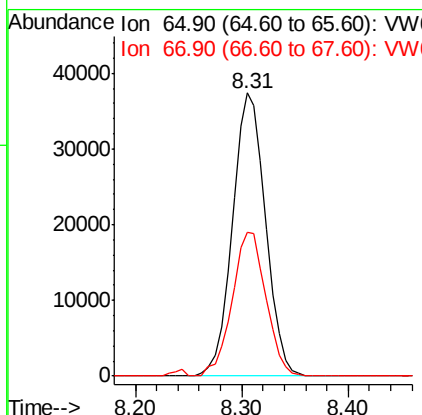
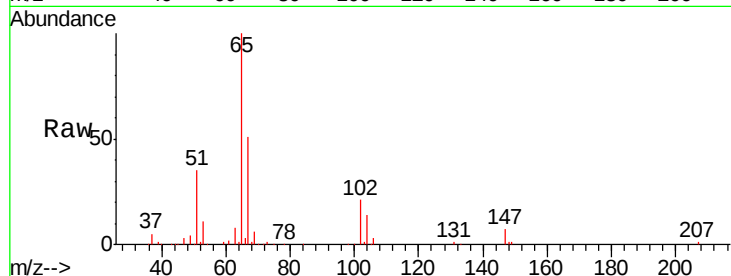




#33
 1,2-Dichloroethane-d4
 Concen: 44.39 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

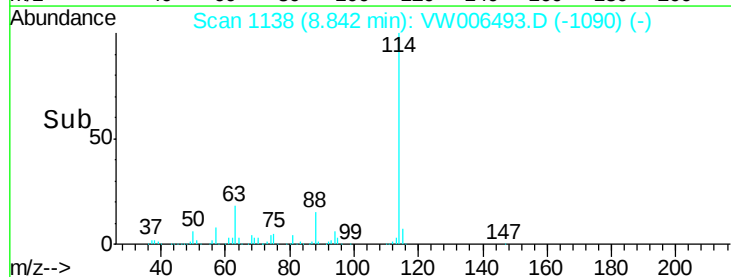
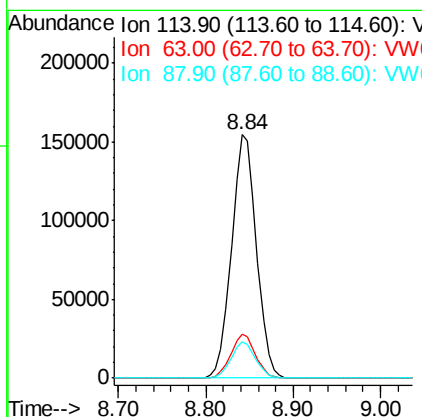
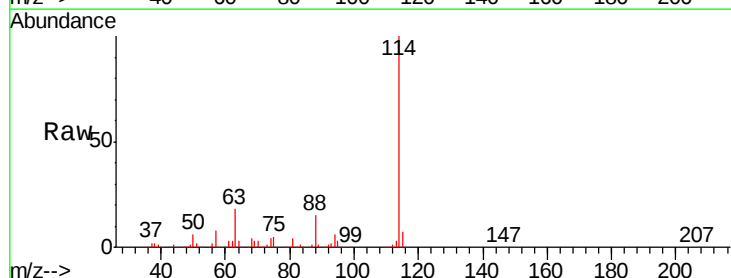
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL02

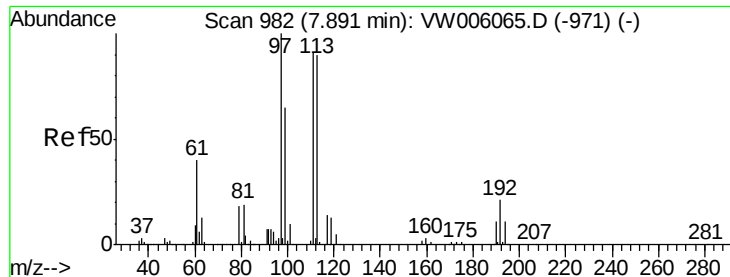
Tgt Ion: 65 Resp: 81354
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

Tgt Ion: 114 Resp: 305394
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.8 0.0 29.0

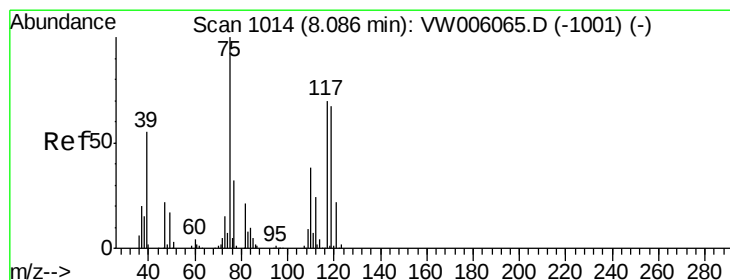
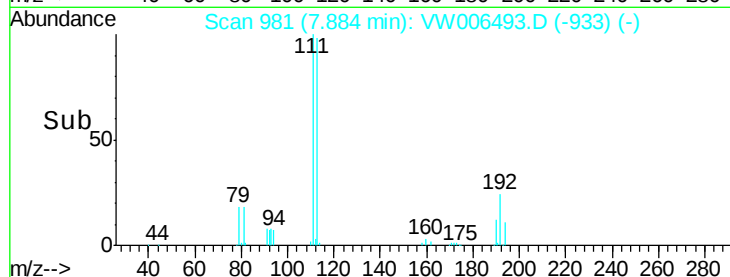
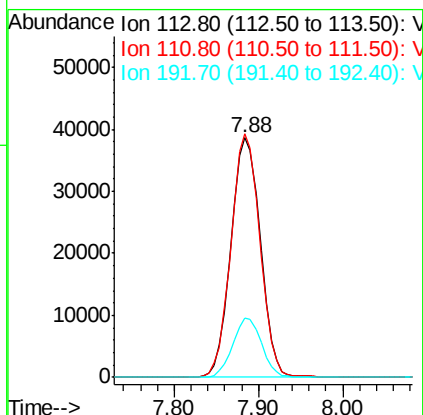
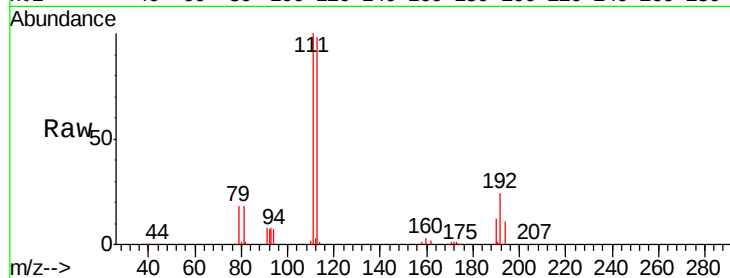




#35
 Dibromofluoromethane
 Concen: 50.56 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

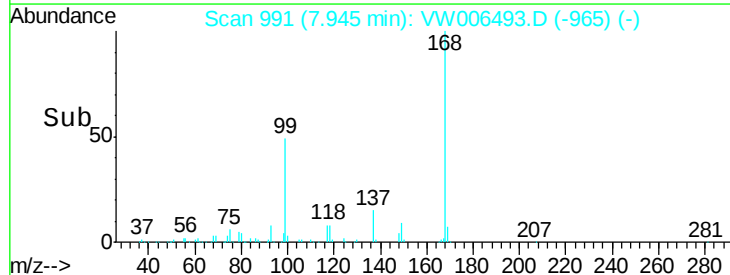
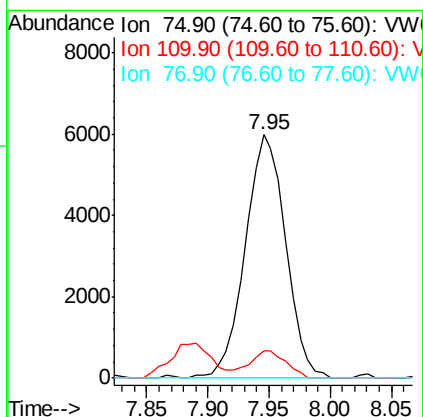
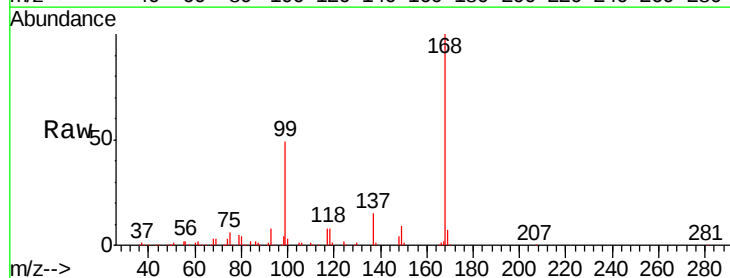
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL02

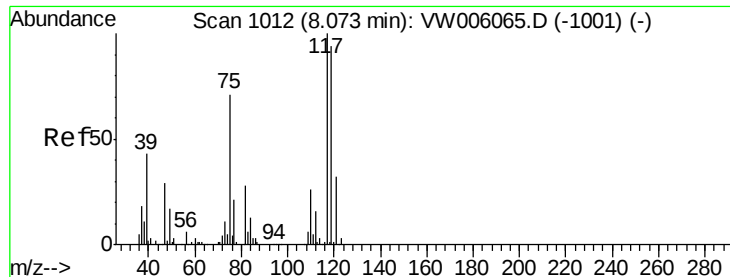
Tgt Ion:113 Resp: 91247
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.4 122.0
 192 24.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.88 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

Tgt Ion: 75 Resp: 13749
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.12 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBL02

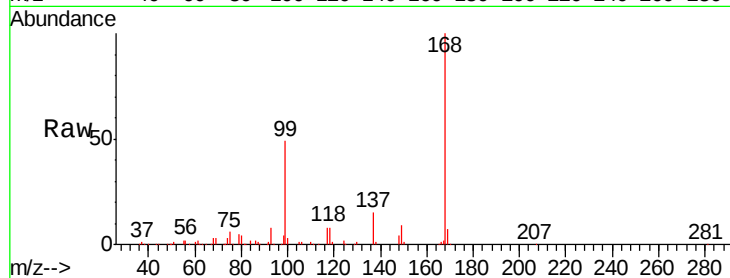
Tgt Ion:117 Resp: 18899

Ion Ratio Lower Upper

117 100

119 6.4 75.2 112.8#

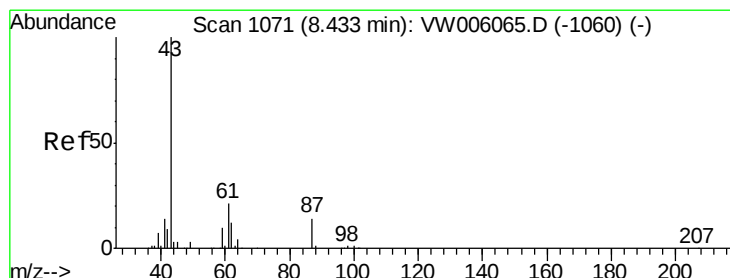
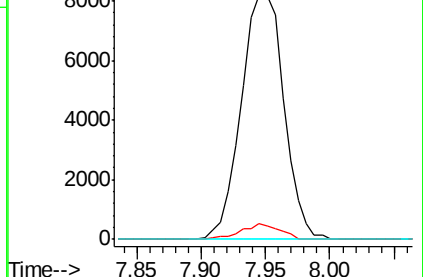
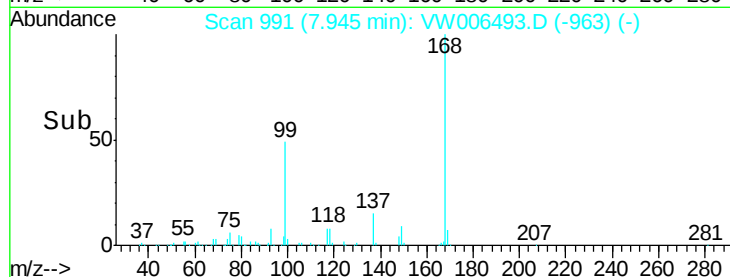
121 0.0 25.3 37.9#



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



#43

Isopropyl Acetate

Concen: 2.17 ug/l

RT: 8.25 min Scan# 1041

Delta R.T. -0.18 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

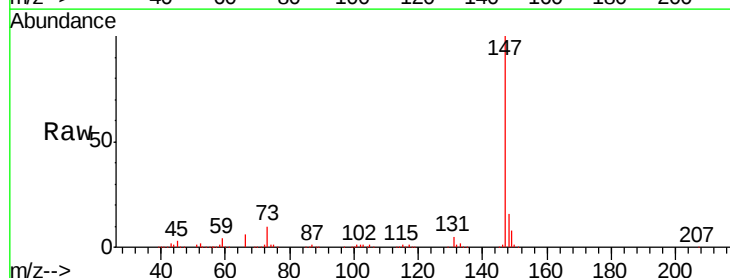
Tgt Ion: 43 Resp: 4644

Ion Ratio Lower Upper

43 100

61 20.7 25.5 38.3#

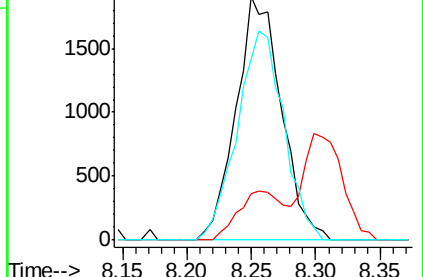
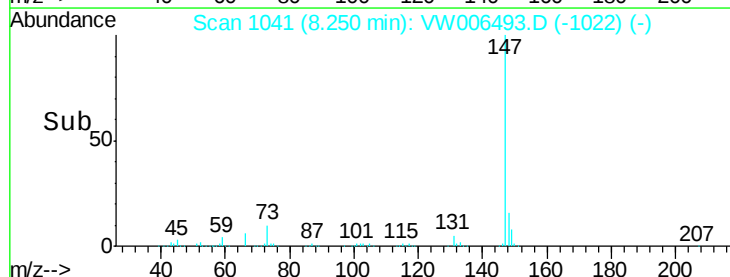
87 88.1 11.7 17.5#

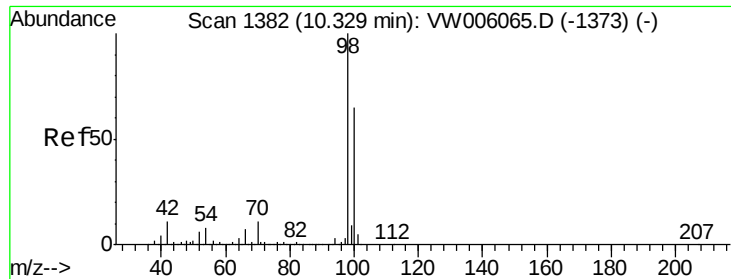


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#50

Toluene-d8

Concen: 49.22 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

Instrument :

MSVOA_W

ClientSampleId :

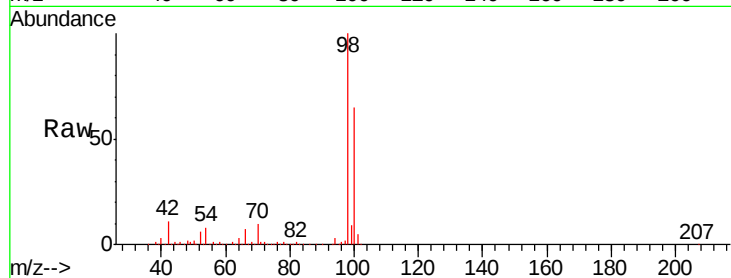
VW1031SBL02

Tgt Ion: 98 Resp: 337913

Ion Ratio Lower Upper

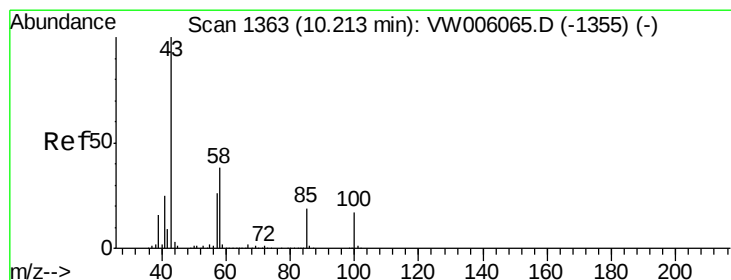
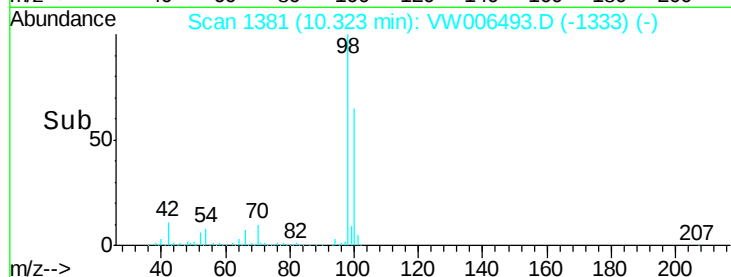
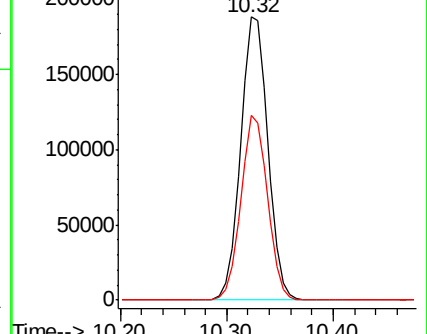
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.10 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006493.D

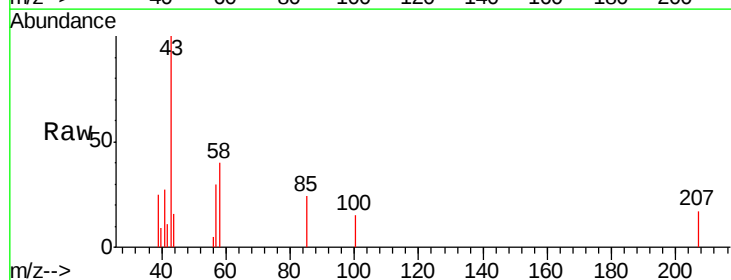
Acq: 30 Oct 2018 11:24

Tgt Ion: 43 Resp: 2245

Ion Ratio Lower Upper

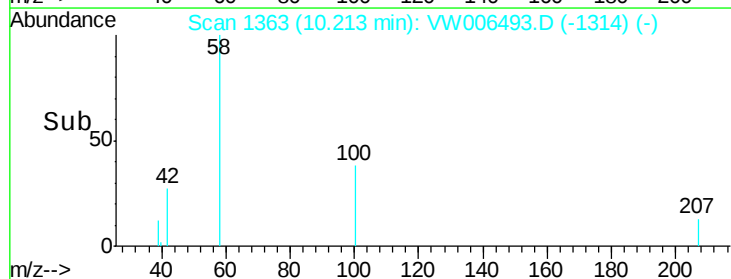
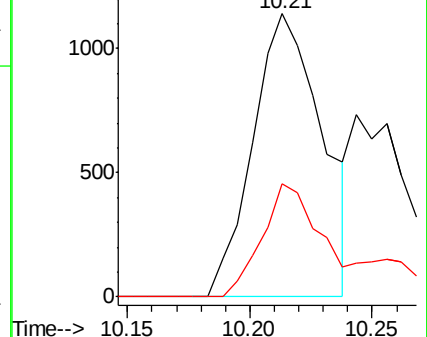
43 100

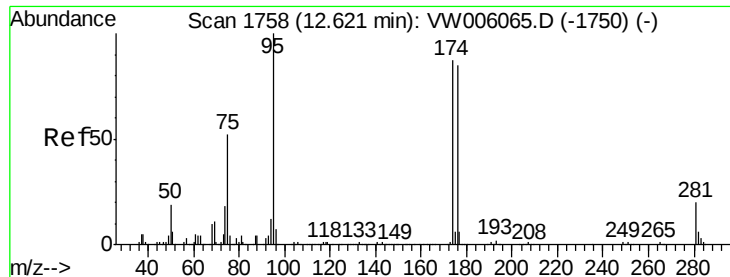
58 35.1 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 47.05 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBL02

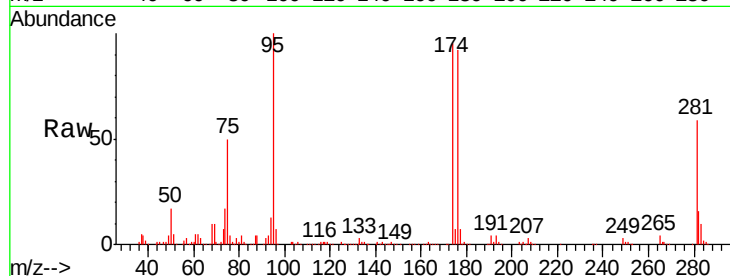
Tgt Ion: 95 Resp: 121312

Ion Ratio Lower Upper

95 100

174 96.4 0.0 186.0

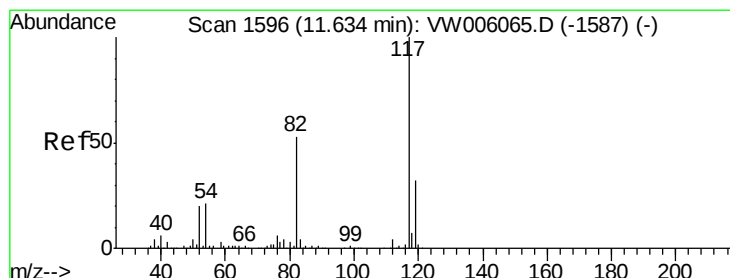
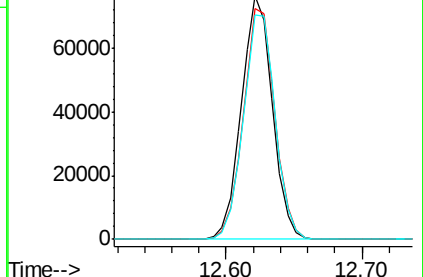
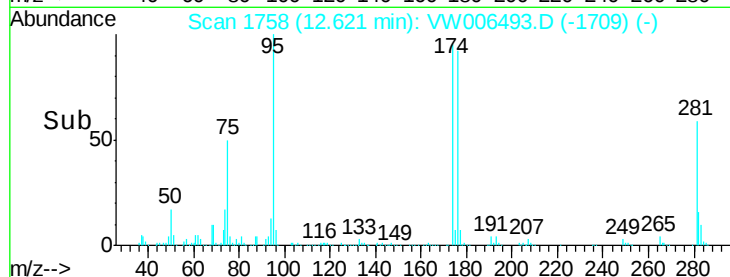
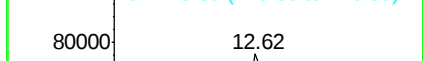
176 95.1 0.0 181.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

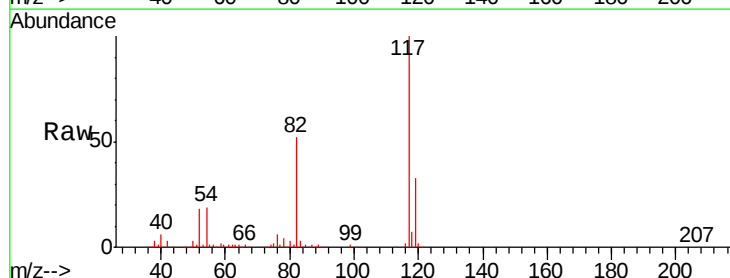
Tgt Ion: 117 Resp: 272367

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

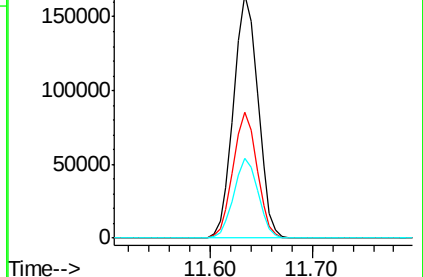
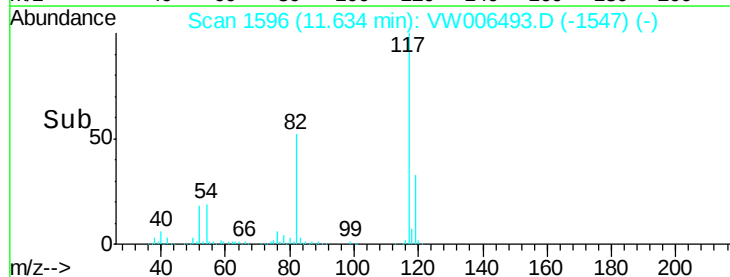
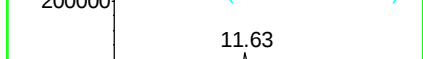
119 33.0 25.8 38.6

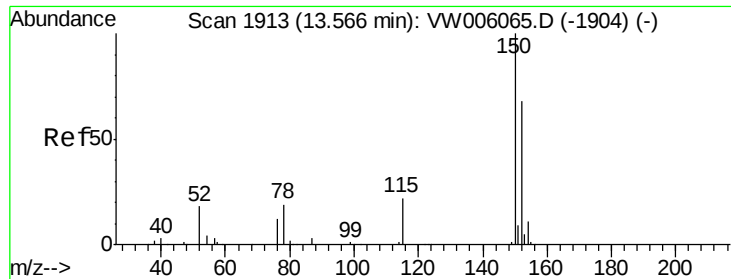


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

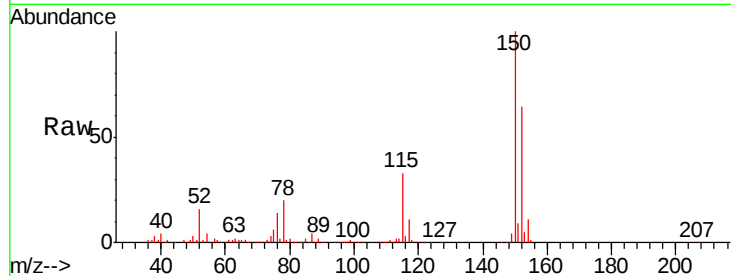




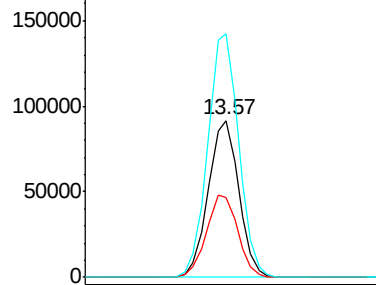
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL02

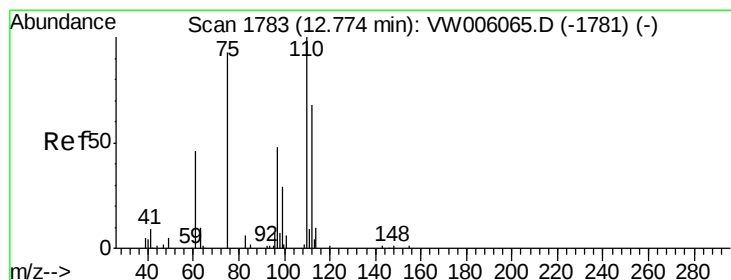
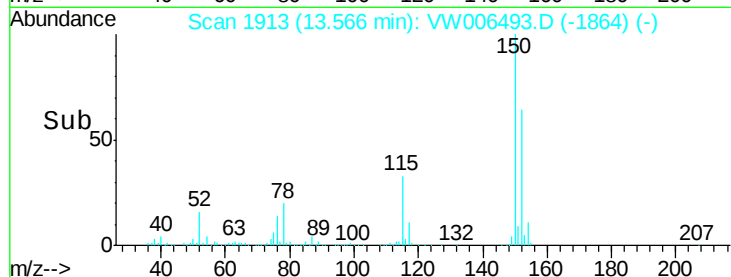
Tgt Ion:152 Resp: 143839
 Ion Ratio Lower Upper
 152 100
 115 53.6 27.8 83.3
 150 156.7 0.0 349.2



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

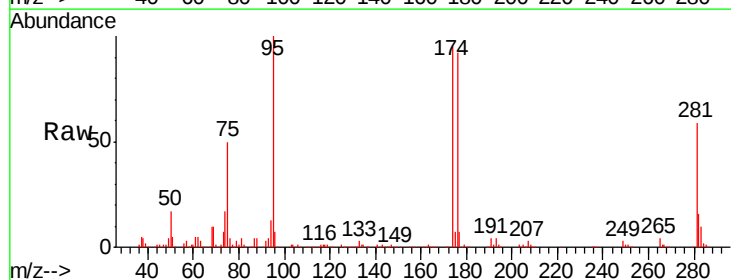


Time-->

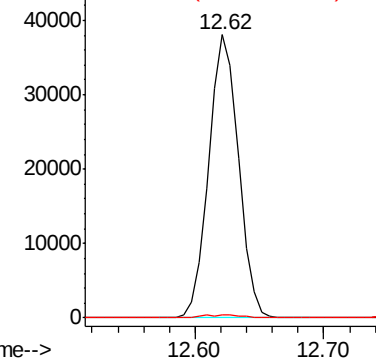


#76
 1,2,3-Trichloropropane
 Concen: 55.28 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006493.D
 Acq: 30 Oct 2018 11:24

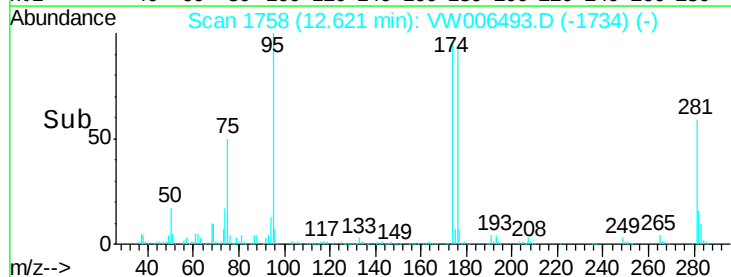
Tgt Ion: 75 Resp: 60732
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

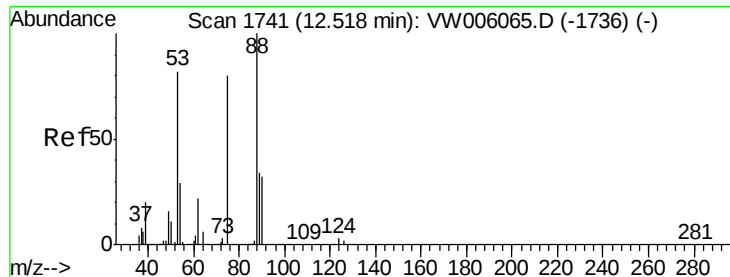


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 77.00 (76.70 to 77.70): VW



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 132.14 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006493.D

Acq: 30 Oct 2018 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBL02

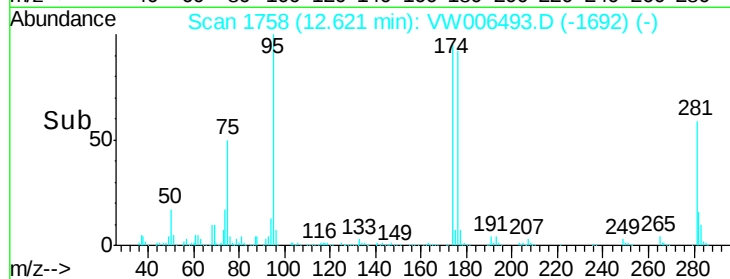
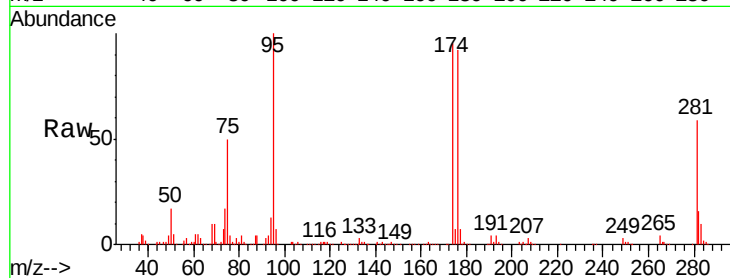
Tgt Ion: 75 Resp: 60732

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.4 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

