

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006145.D
 Acq On : 18 Oct 2018 01:29
 Operator : VA/AP
 Sample : VW1017SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBL02

Quant Time: Oct 18 10:47:42 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	267841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	394312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194392	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	112854	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	7.89	113	111625	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.33	98	418825	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.62	95	157136	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	

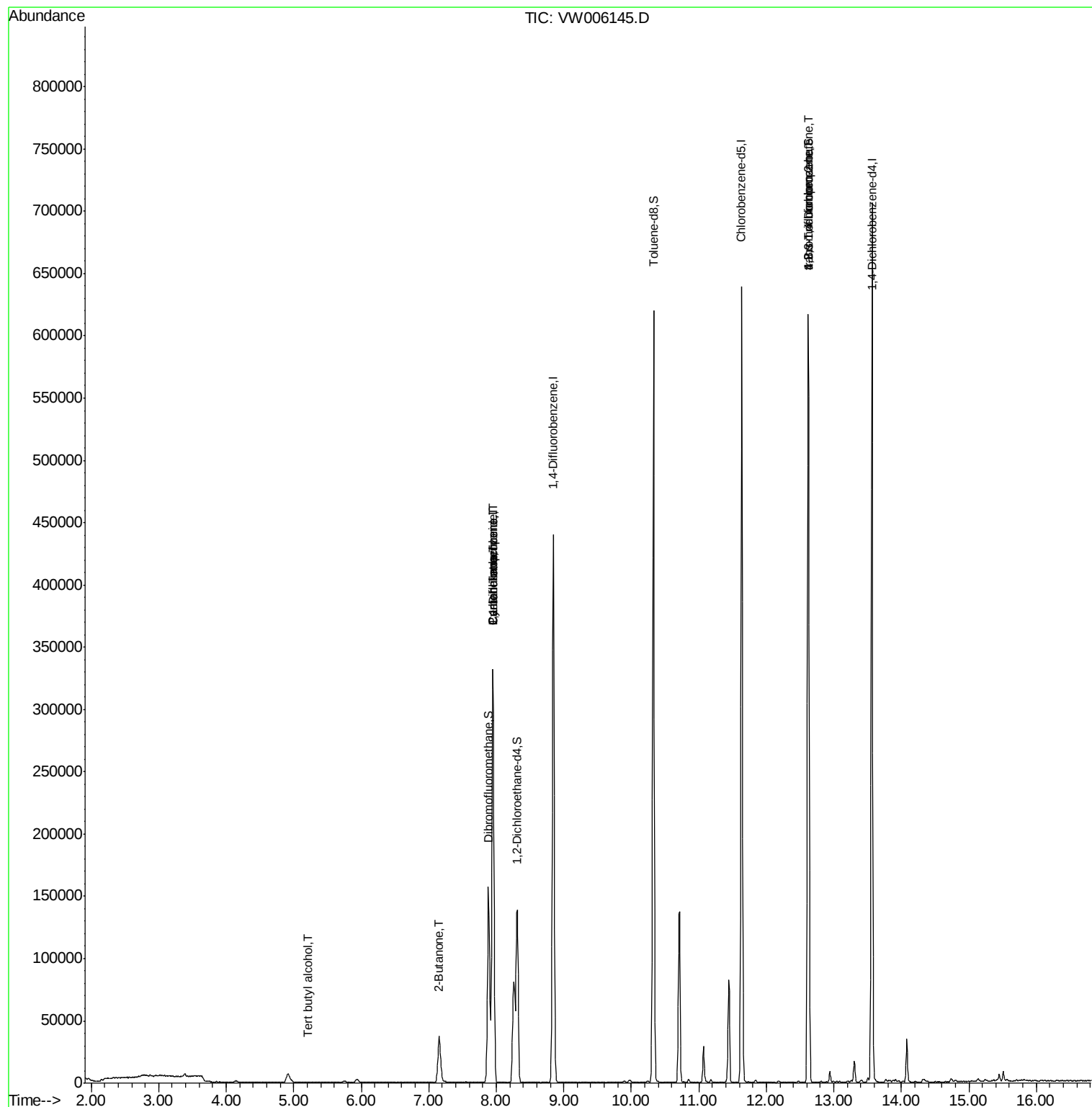
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	308	2.06	ug/l	# 71
16) Acetone	4.15	43	2461	Below	Cal	95
25) 2-Butanone	7.15	43	2103	3.51	ug/l	# 62
31) Cyclohexane	7.95	56	4841	1.19	ug/l	# 15
36) 1,1-Dichloropropene	7.95	75	17592	4.84	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	23671	5.94	ug/l	# 16
76) 1,2,3-Trichloropropane	12.62	75	81267	54.73	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	81267	130.84	ug/l	# 10

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

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Quant Time: Oct 18 10:47:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006145.D

Acq: 18 Oct 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

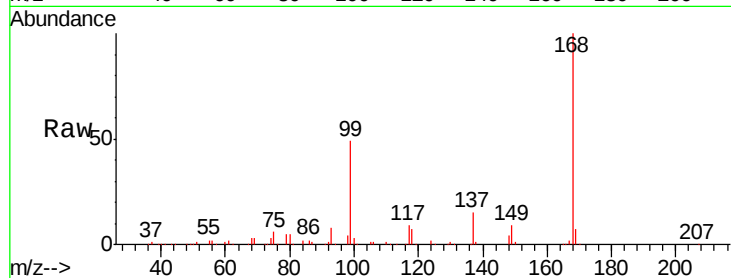
VW1017SBL02

Tgt Ion: 168 Resp: 267841

Ion Ratio Lower Upper

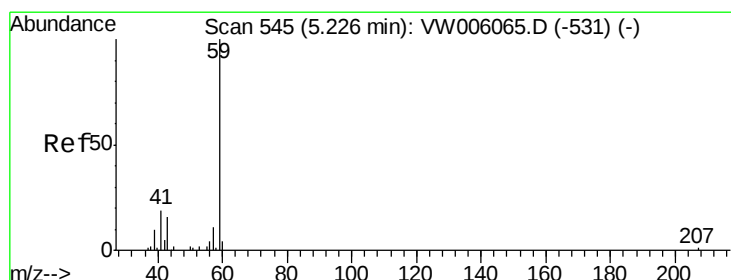
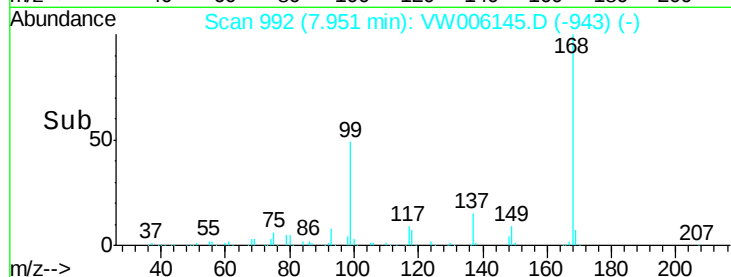
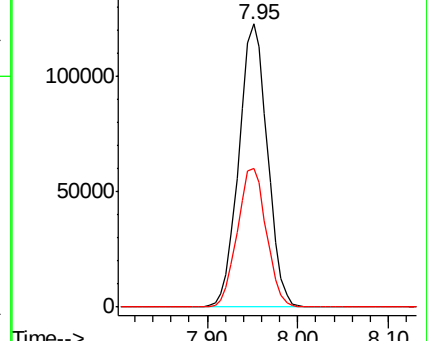
168 100

99 49.2 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: 2.06 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006145.D

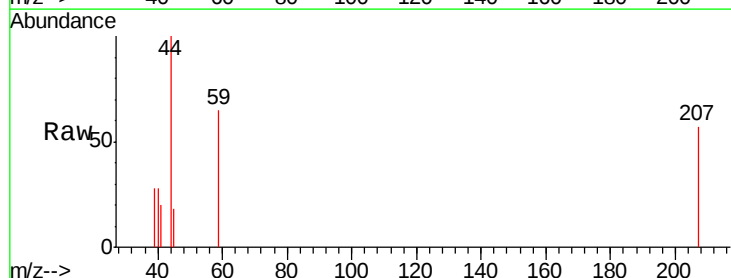
Acq: 18 Oct 2018 01:29

Tgt Ion: 59 Resp: 308

Ion Ratio Lower Upper

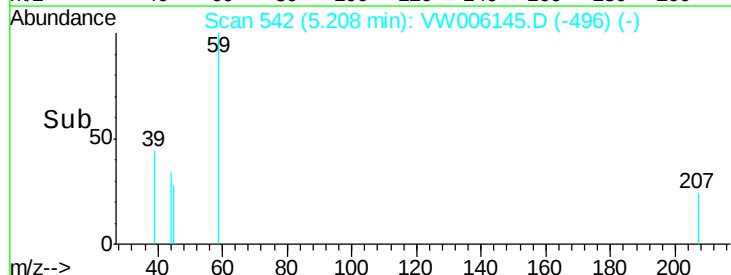
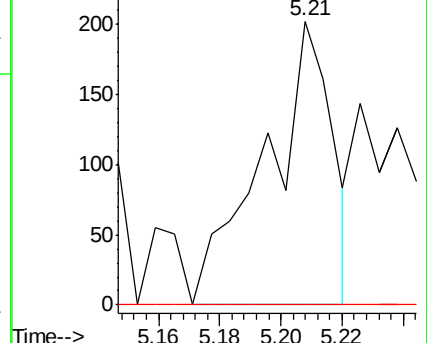
59 100

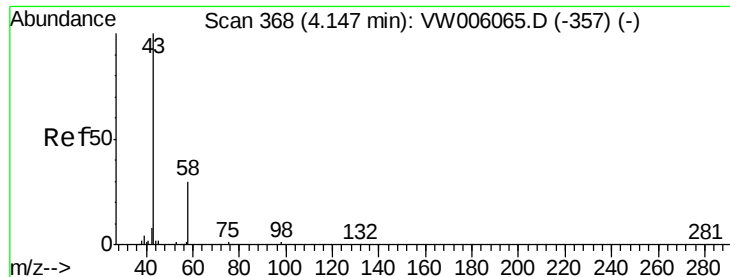
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

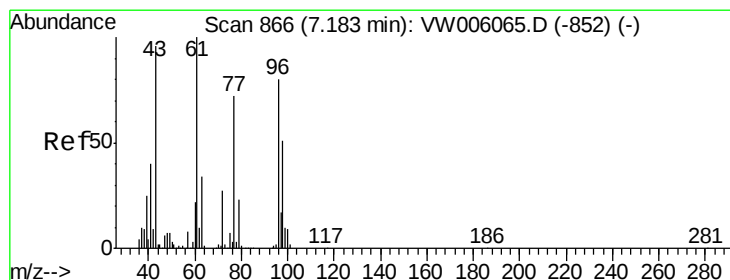
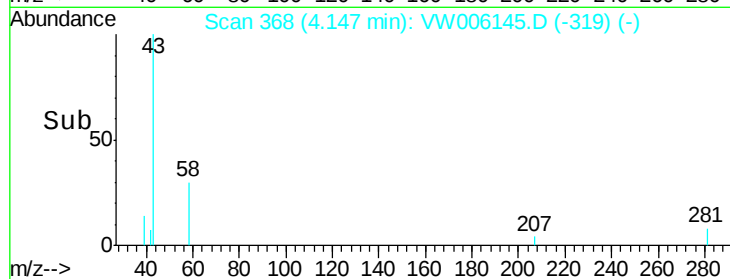
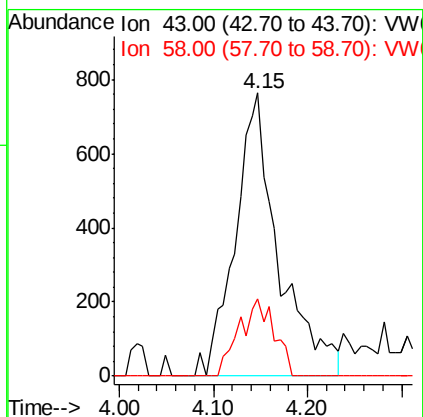
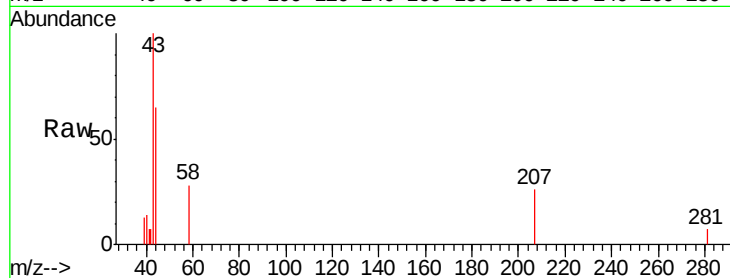




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. -0.00 min
Lab File: VW006145.D
Acq: 18 Oct 2018 01:29

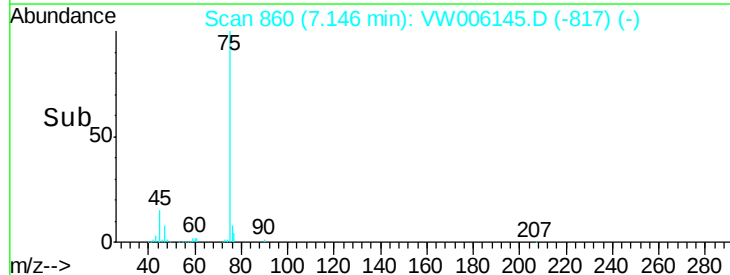
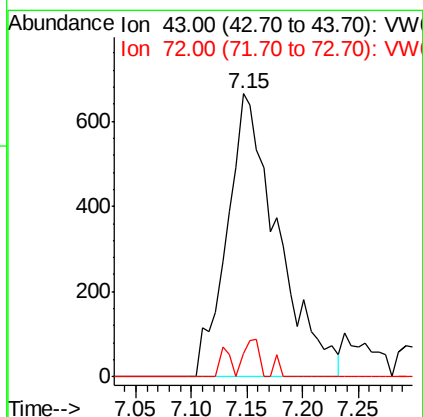
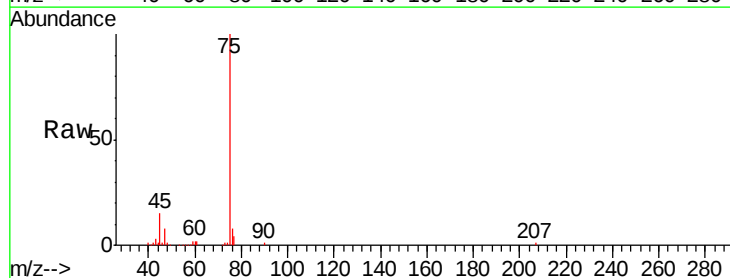
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBL02

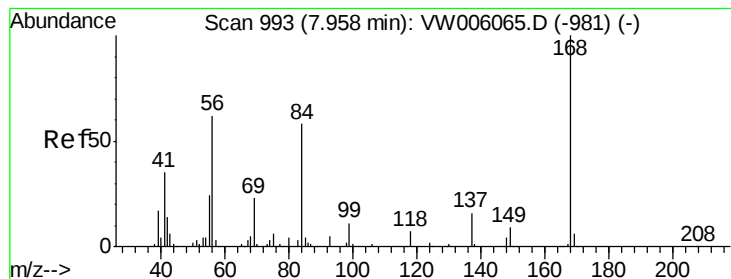
Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 27.5 24.0 36.0



#25
2-Butanone
Concen: 3.51 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006145.D
Acq: 18 Oct 2018 01:29

Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
72 8.1 22.8 34.2#





#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006145.D

Acq: 18 Oct 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBL02

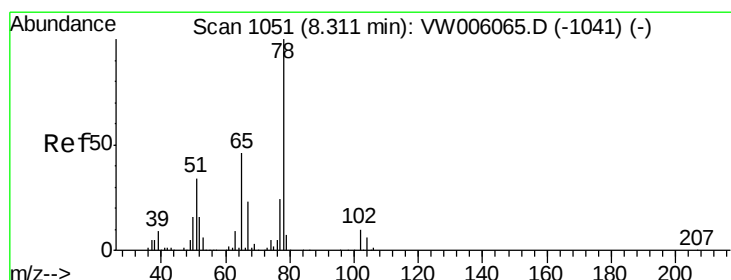
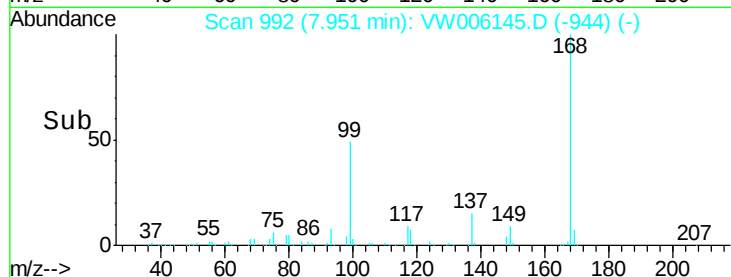
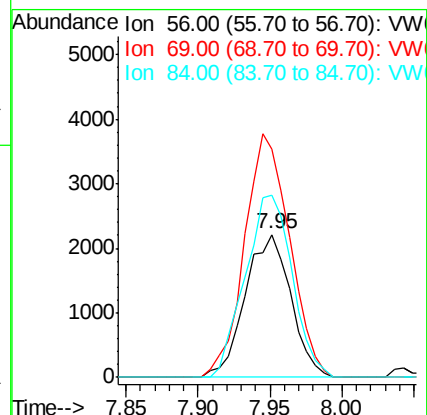
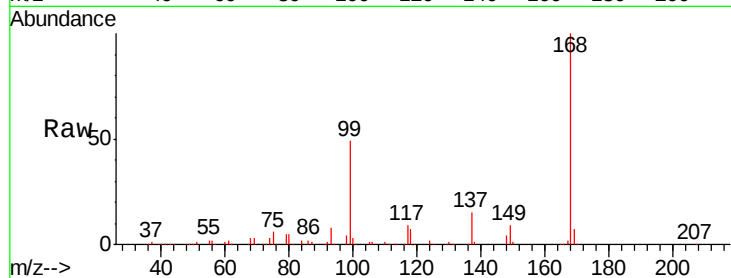
Tgt Ion: 56 Resp: 4841

Ion Ratio Lower Upper

56 100

69 159.7 29.4 44.0#

84 128.0 74.0 111.0#



#33

1,2-Dichloroethane-d4

Concen: 50.82 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006145.D

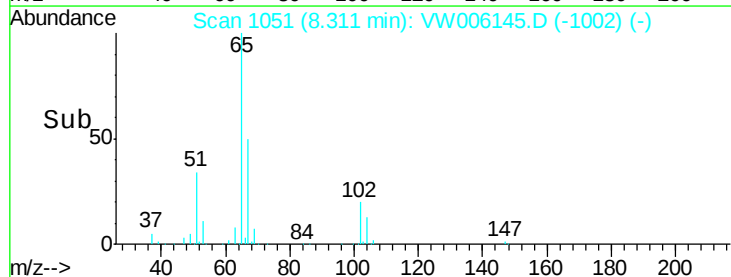
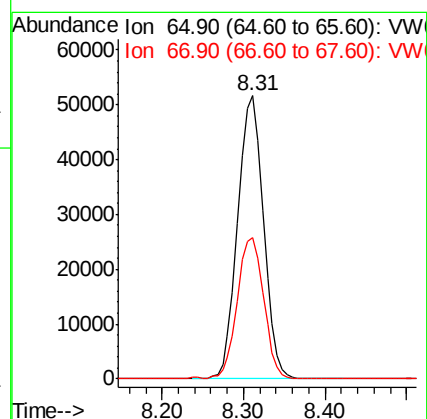
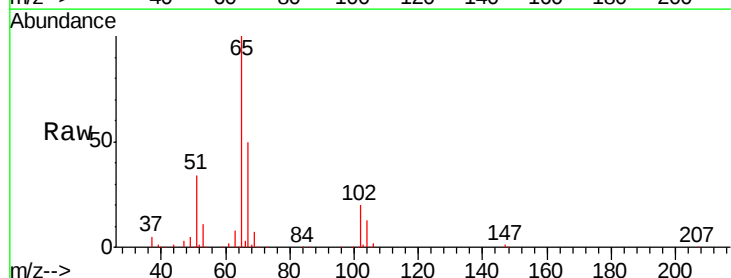
Acq: 18 Oct 2018 01:29

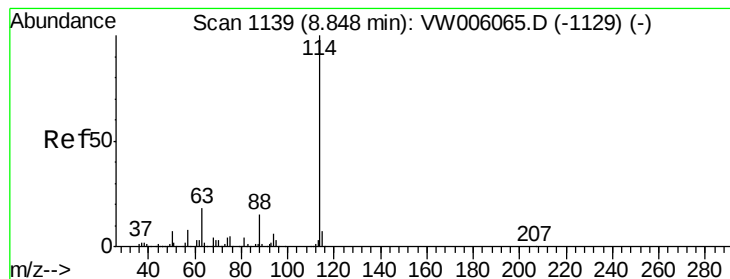
Tgt Ion: 65 Resp: 112854

Ion Ratio Lower Upper

65 100

67 50.9 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: VW006145.D

Acq: 18 Oct 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBL02

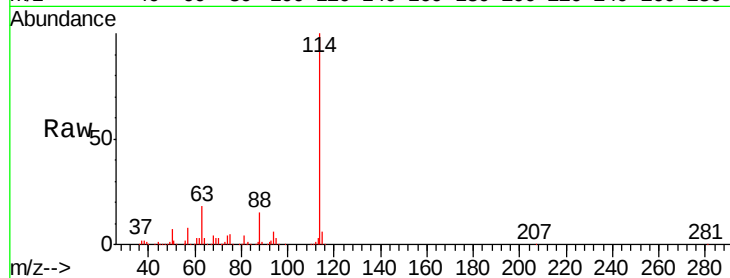
Tgt Ion:114 Resp: 394312

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

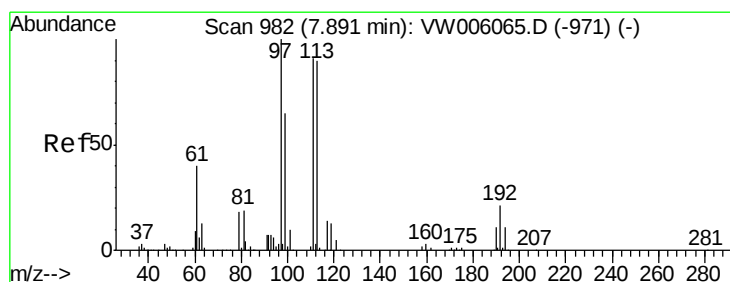
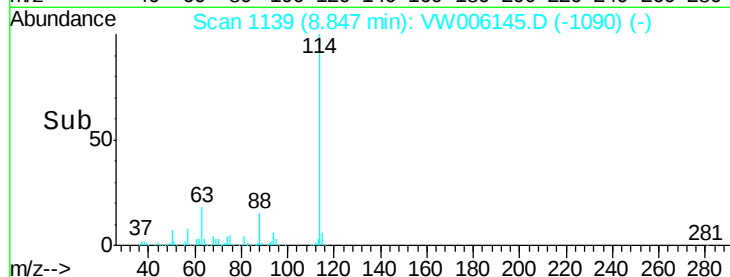
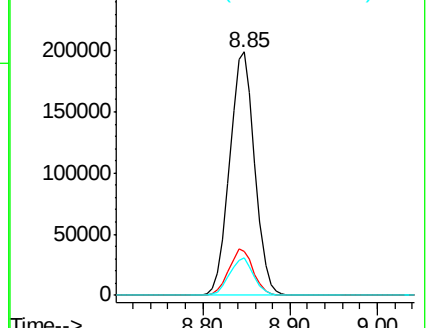
88 15.2 0.0 29.0



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: 47.91 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006145.D

Acq: 18 Oct 2018 01:29

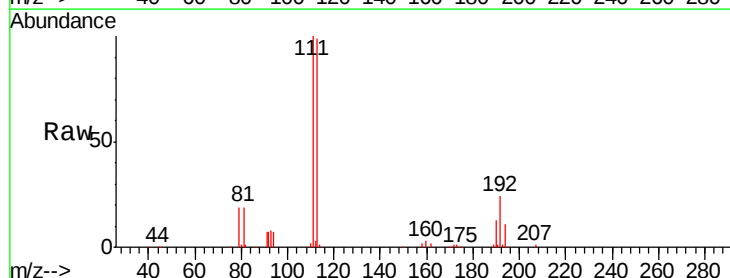
Tgt Ion:113 Resp: 111625

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

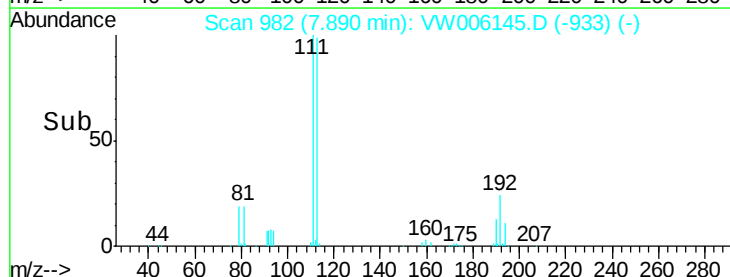
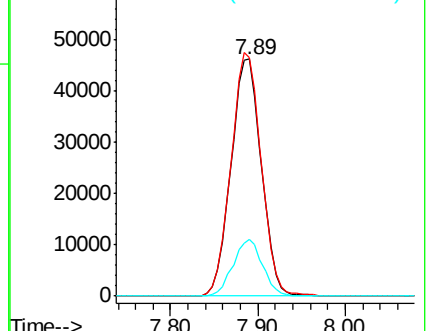
192 22.9 18.7 28.1

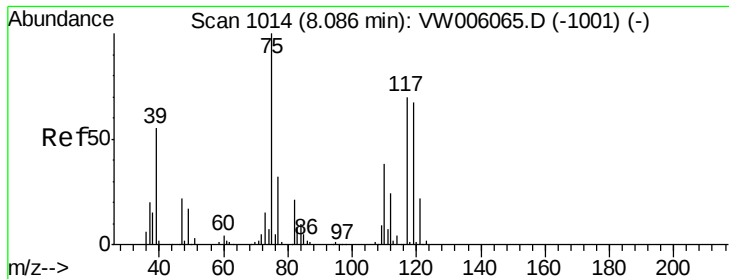


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

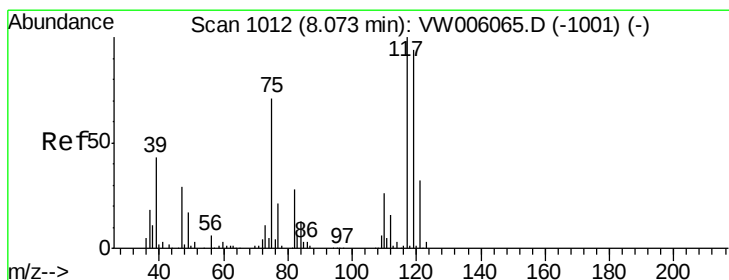
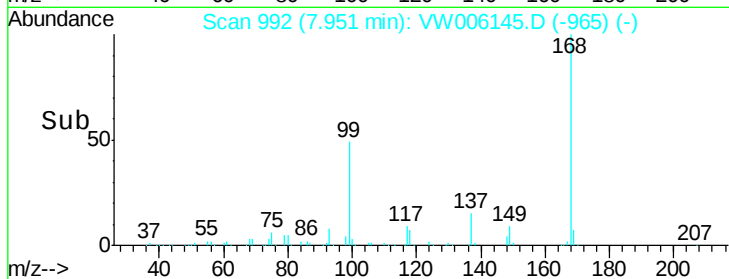
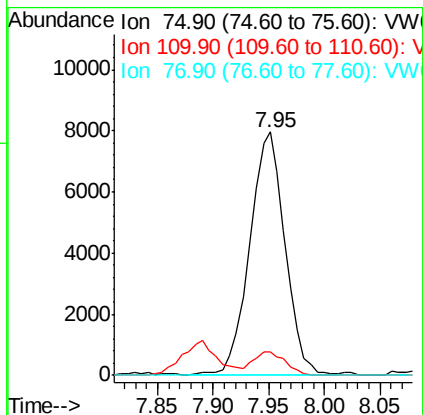
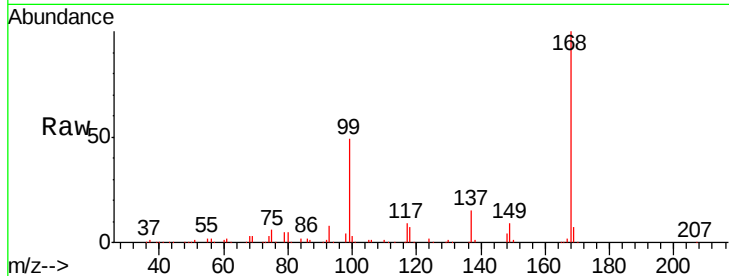




#36
 1,1-Dichloropropene
 Concen: 4.84 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006145.D
 Acq: 18 Oct 2018 01:29

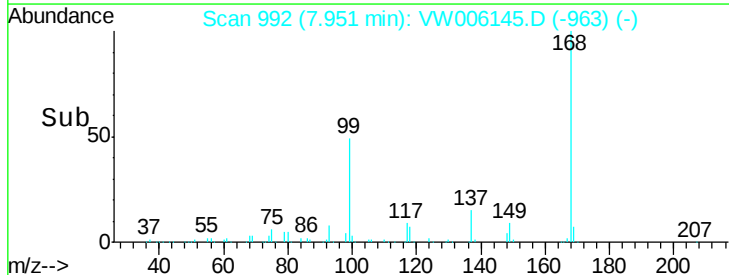
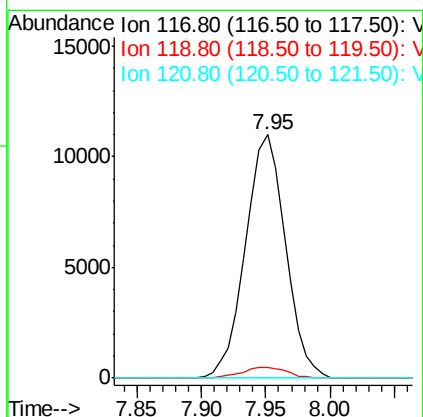
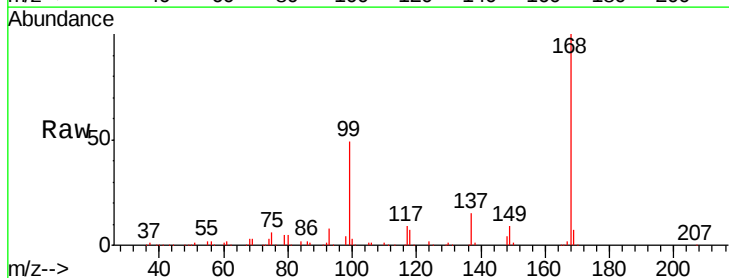
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBL02

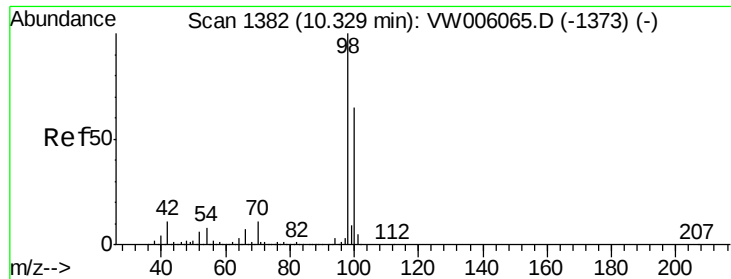
Tgt Ion: 75 Resp: 17592
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.94 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006145.D
 Acq: 18 Oct 2018 01:29

Tgt Ion: 117 Resp: 23671
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.25 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006145.D

Acq: 18 Oct 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

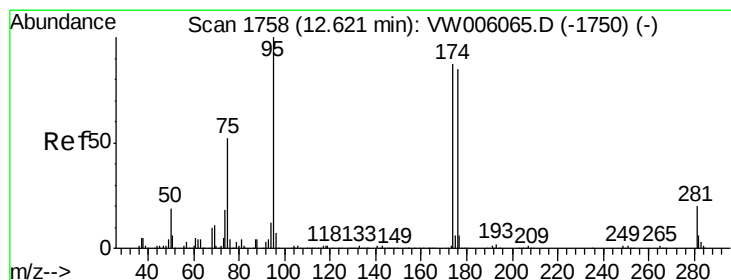
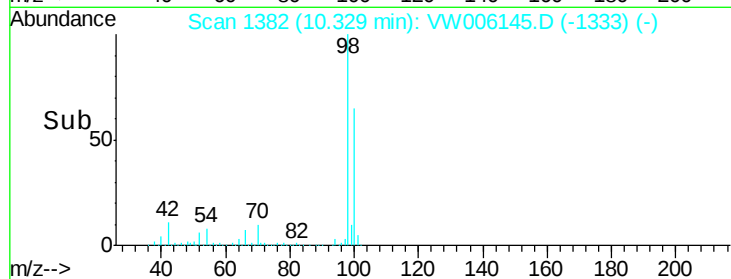
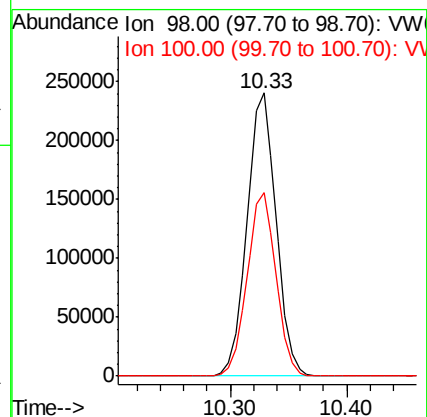
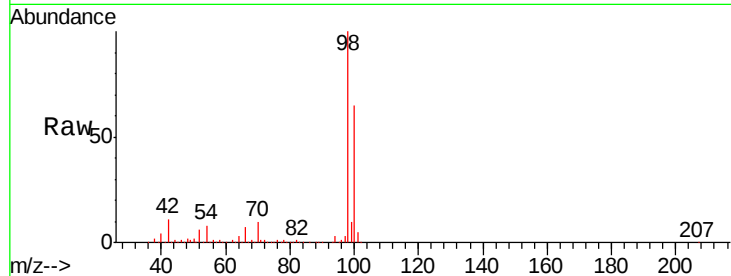
VW1017SBL02

Tgt Ion: 98 Resp: 418825

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.20 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006145.D

Acq: 18 Oct 2018 01:29

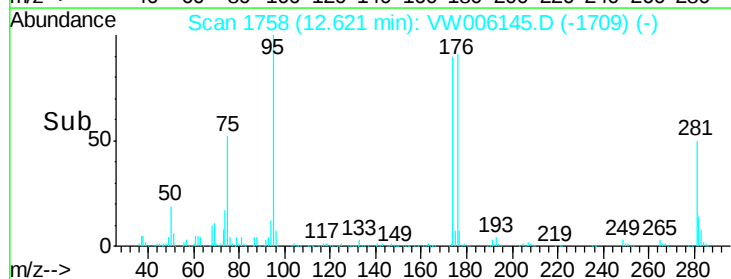
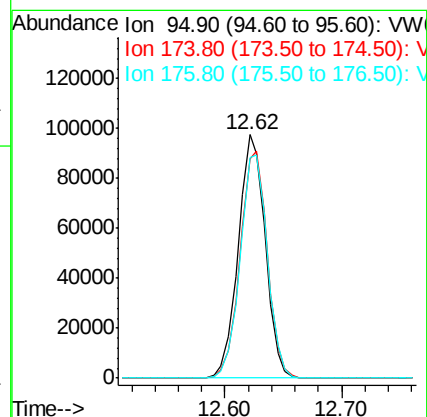
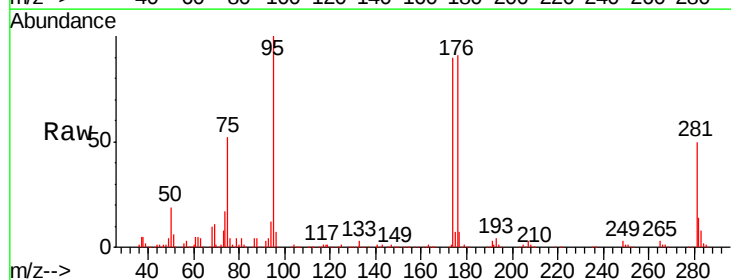
Tgt Ion: 95 Resp: 157136

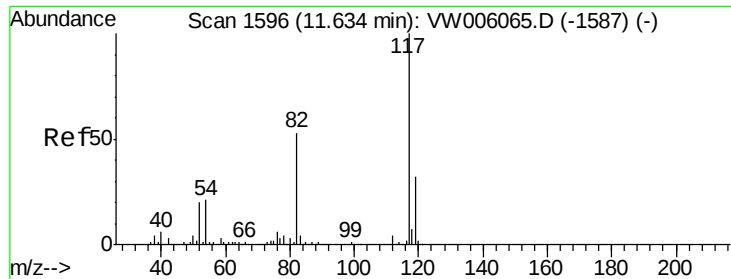
Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

176 92.9 0.0 181.6

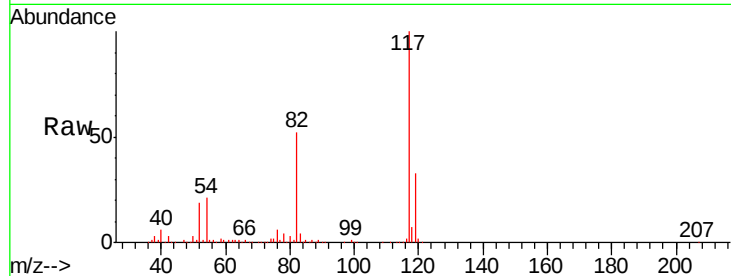




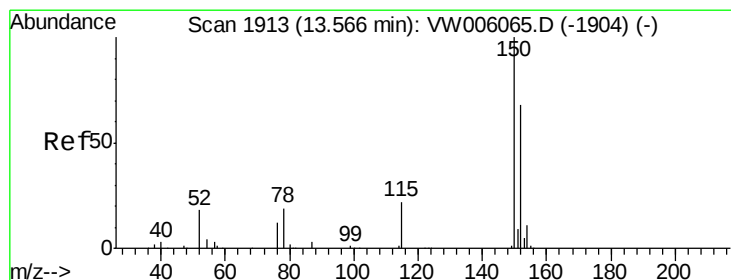
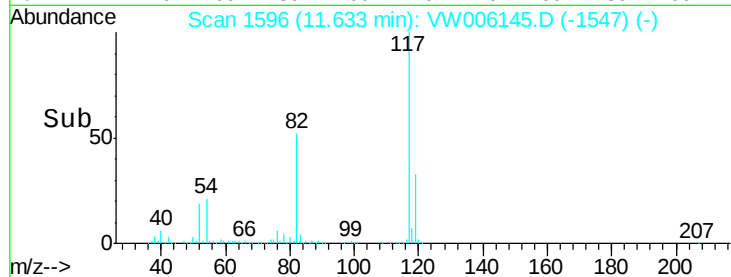
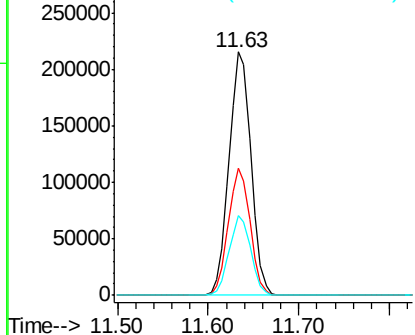
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006145.D
Acq: 18 Oct 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBL02

Tgt Ion:117 Resp: 361735
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.7 25.8 38.6

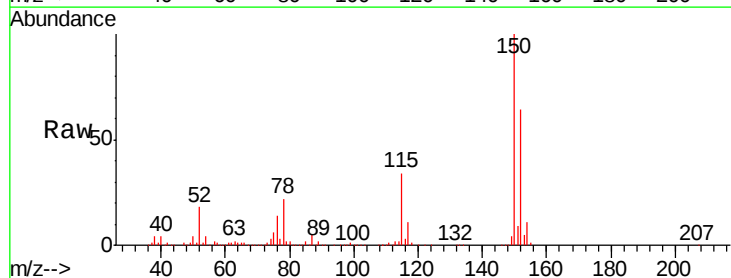


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

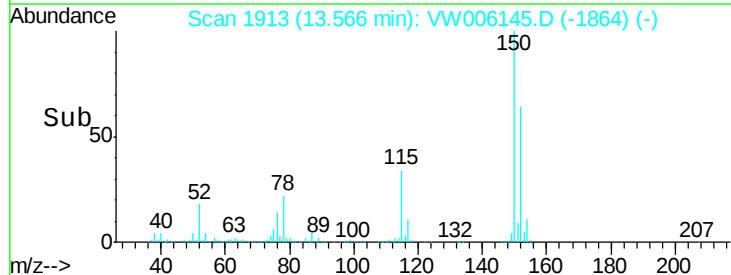
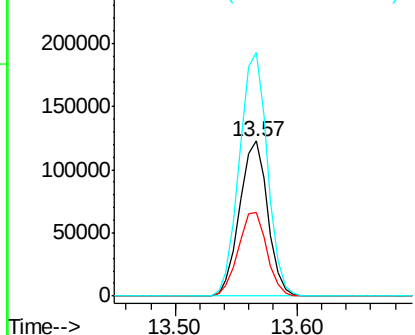


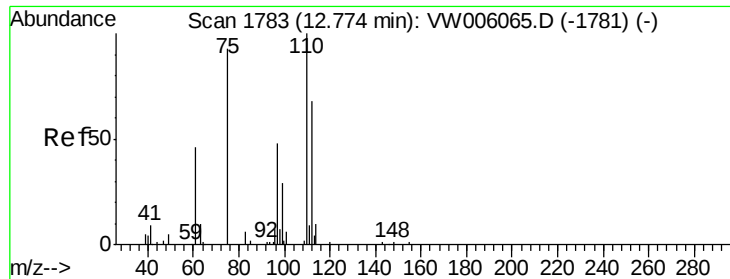
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006145.D
Acq: 18 Oct 2018 01:29

Tgt Ion:152 Resp: 194392
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.3
150 157.1 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: 54.73 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006145.D

Acq: 18 Oct 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

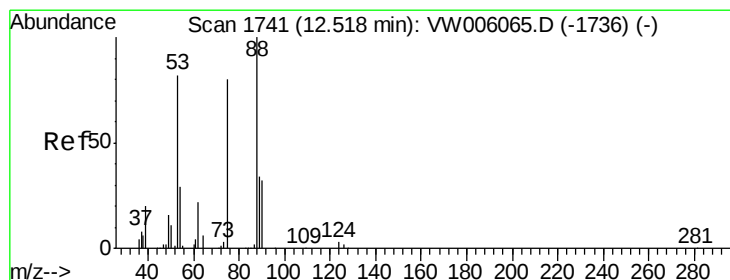
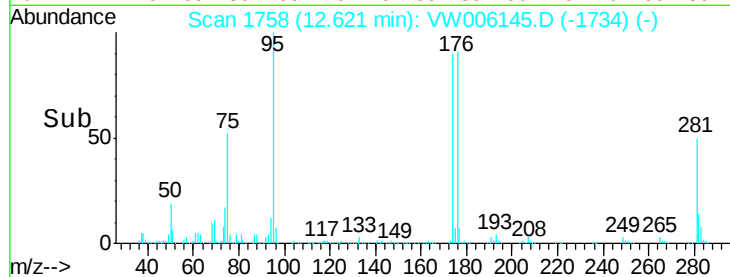
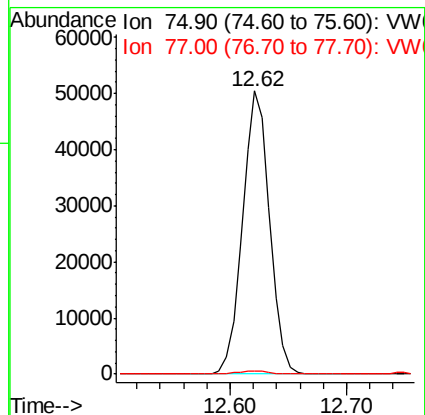
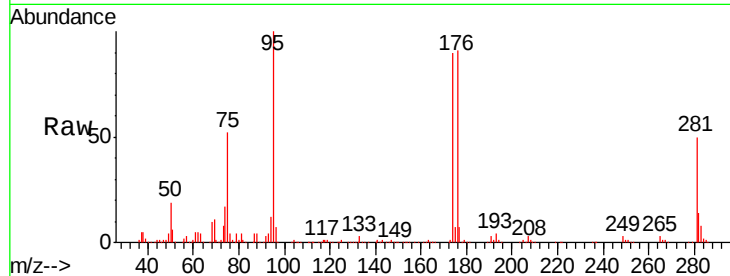
VW1017SBL02

Tgt Ion: 75 Resp: 81267

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 130.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006145.D

Acq: 18 Oct 2018 01:29

Tgt Ion: 75 Resp: 81267

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.5 37.5 56.3#

