

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005501.D
 Acq On : 19 Sep 2018 02:49
 Operator : SY/AP
 Sample : VW0918SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL02

Quant Time: Sep 19 06:03:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	291658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	474565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	453831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218764	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	164868	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
35) Dibromofluoromethane	7.89	113	135186	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.33	98	613899	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.63	95	215021	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	

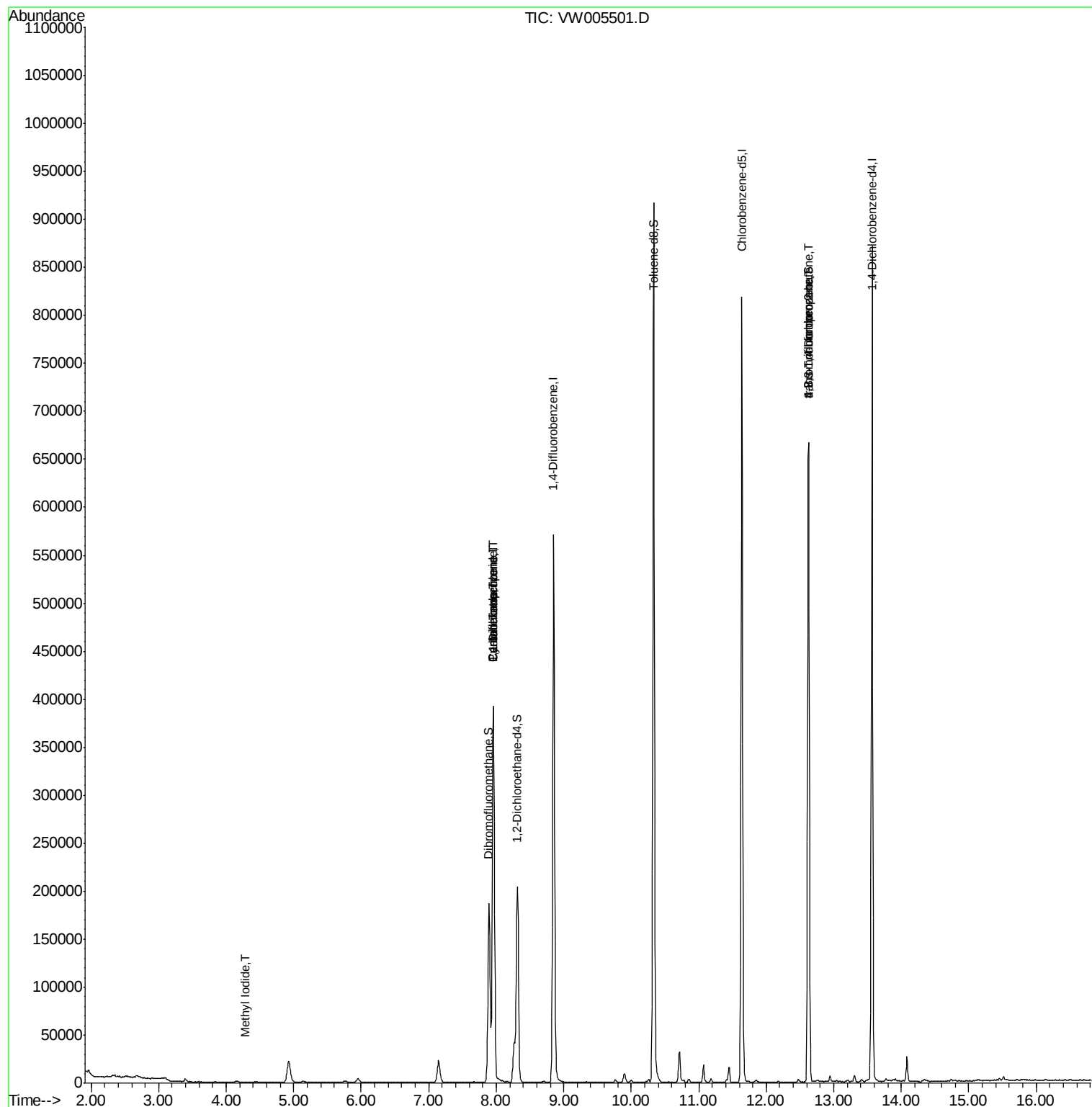
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	310	Below Cal		98
5) Bromomethane	2.78	94	464	Below Cal	#	61
10) Methyl Iodide	4.29	142	217	4.114	ug/l #	88
11) Tert butyl alcohol	5.20	59	171	Below Cal	#	71
16) Acetone	4.14	43	2006	Below Cal	#	86
20) Methylene Chloride	4.92	84	16431	Below Cal		91
31) Cyclohexane	7.96	56	6804	1.408	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23314	5.191	ug/l #	51
38) Carbon Tetrachloride	7.96	117	28865	6.168	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	111441	61.936	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	111441	160.667	ug/l #	8

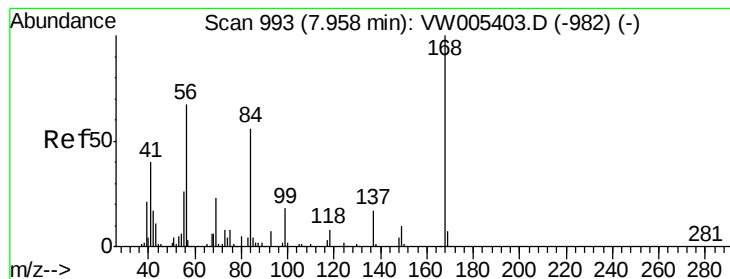
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampled :

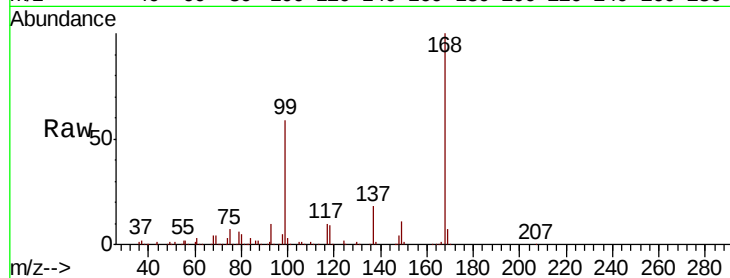
VW0918SBL02

Tgt Ion:168 Resp: 291658

Ion Ratio Lower Upper

168 100

99 59.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

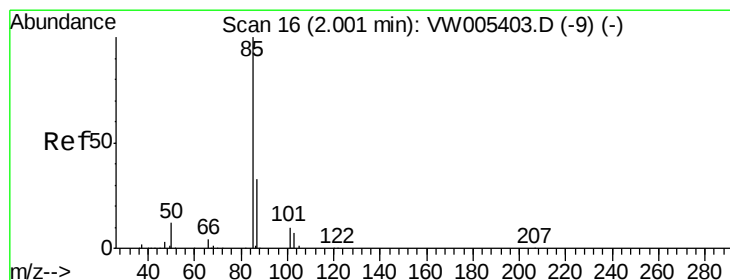
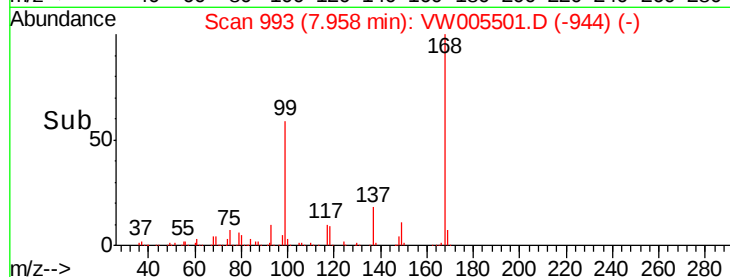
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW005501.D

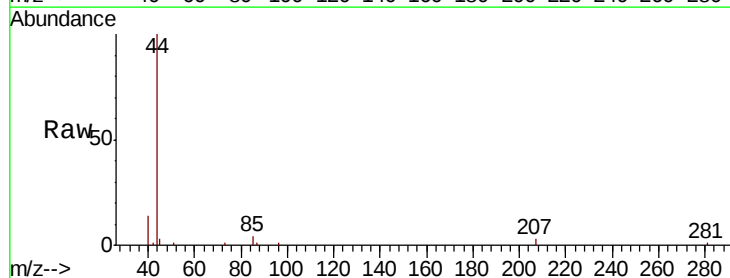
Acq: 19 Sep 2018 02:49

Tgt Ion: 85 Resp: 310

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

250

200

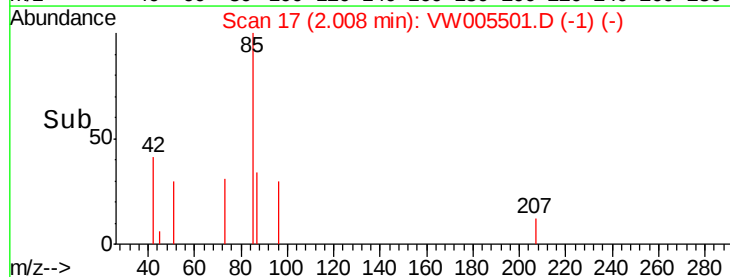
150

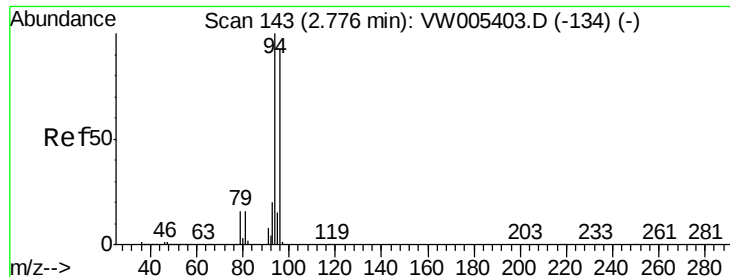
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampled :

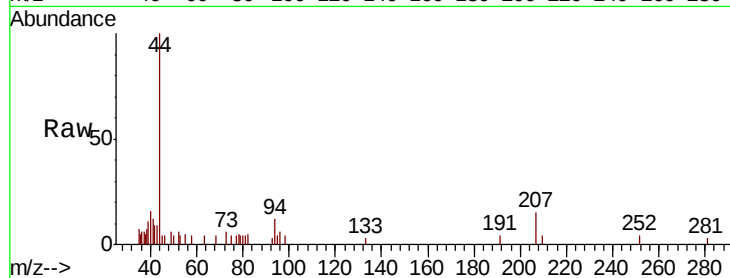
VW0918SBL02

Tgt Ion: 94 Resp: 464

Ion Ratio Lower Upper

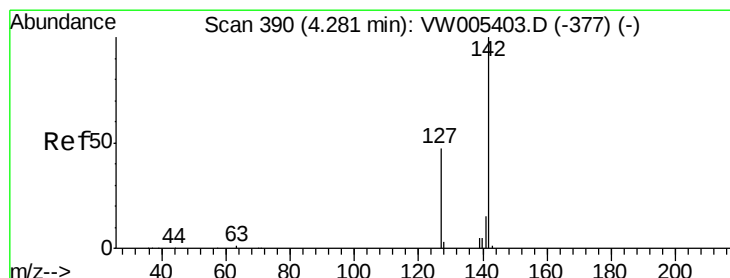
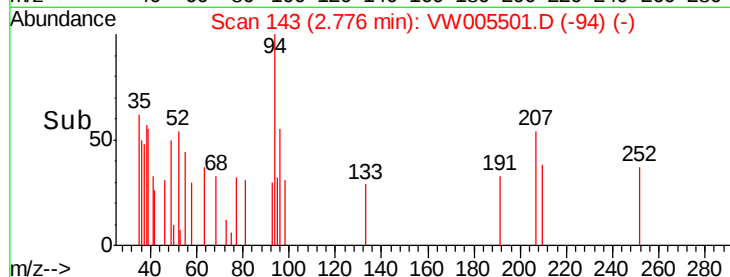
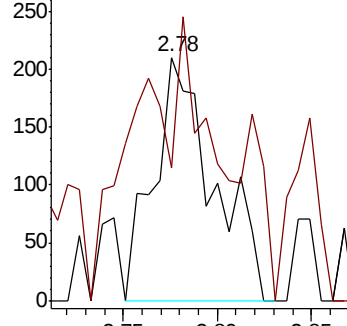
94 100

96 54.8 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#10

Methyl Iodide

Concen: 4.114 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

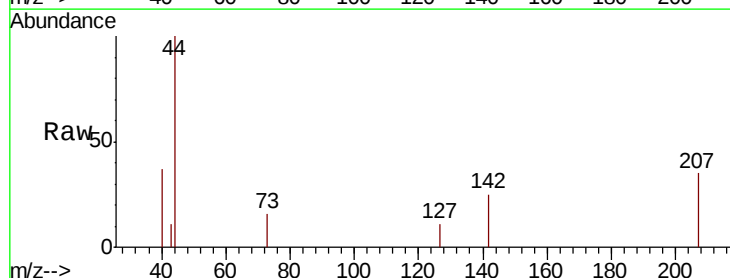
Tgt Ion: 142 Resp: 217

Ion Ratio Lower Upper

142 100

127 49.8 37.5 56.3

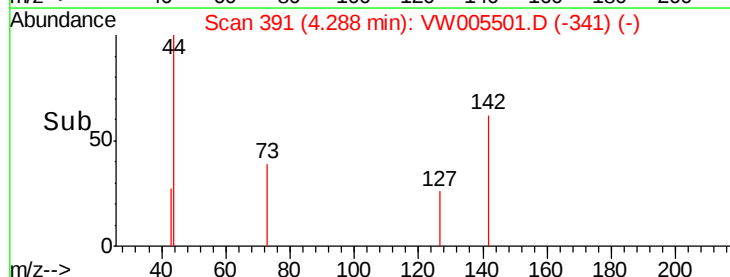
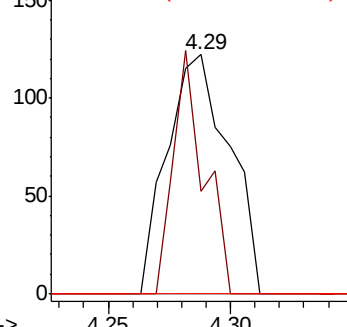
141 0.0 12.4 18.6#

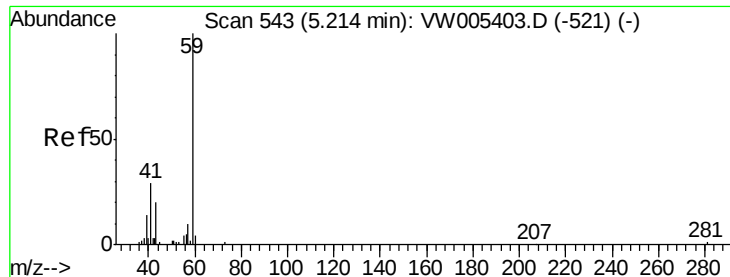


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



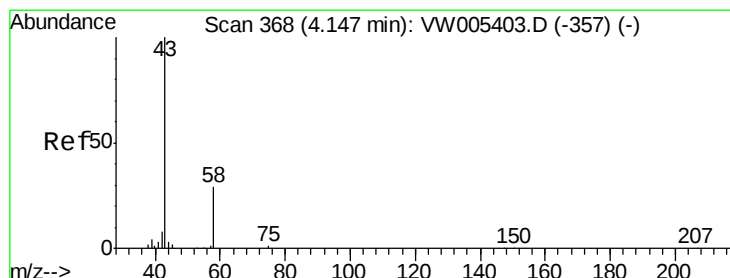
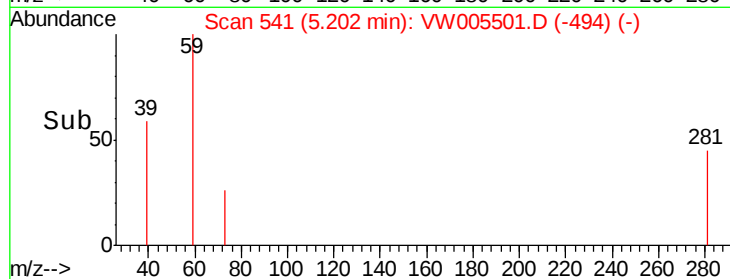
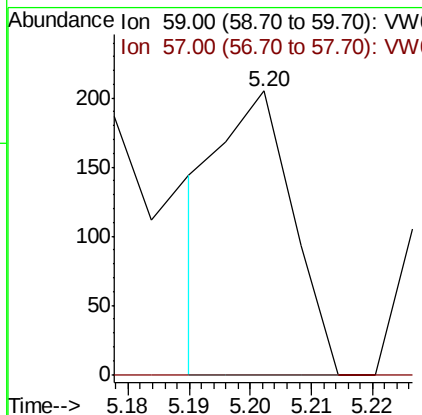
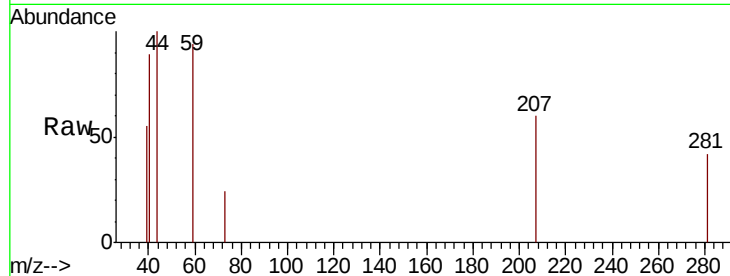


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VW005501.D
 Acq: 19 Sep 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL02

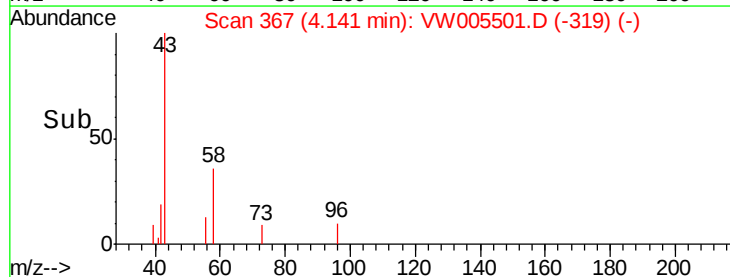
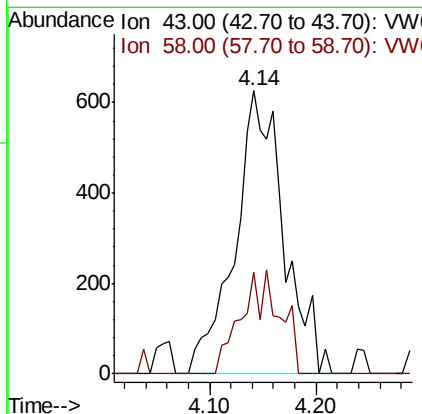
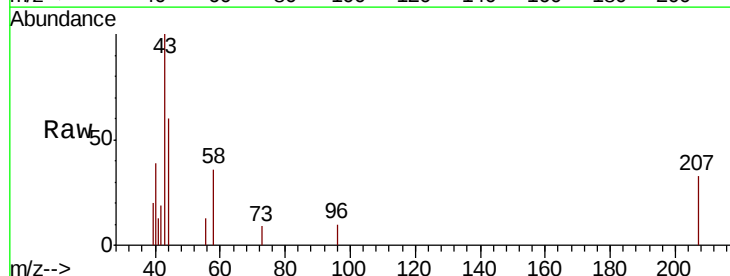
Tgt Ion: 59 Resp: 171
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

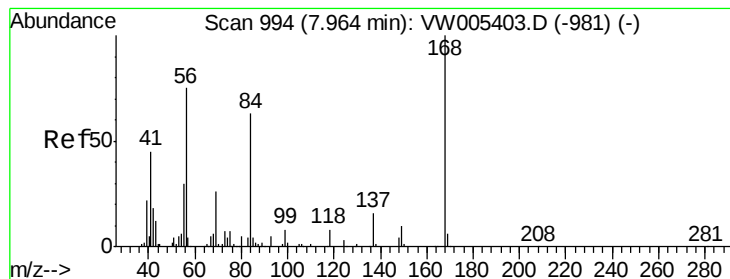


#16

Acetone
 Concen: Below Cal
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW005501.D
 Acq: 19 Sep 2018 02:49

Tgt Ion: 43 Resp: 2006
 Ion Ratio Lower Upper
 43 100
 58 35.8 22.8 34.2#





#31

Cyclohexane

Concen: 1.408 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBL02

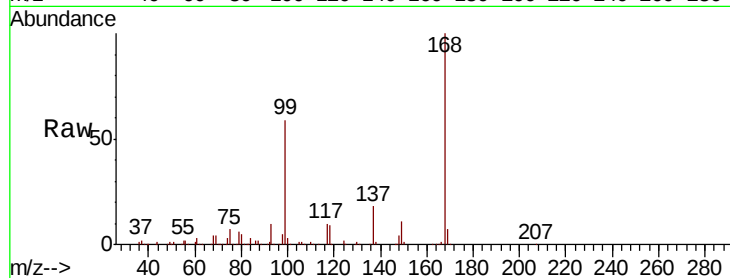
Tgt Ion: 56 Resp: 6804

Ion Ratio Lower Upper

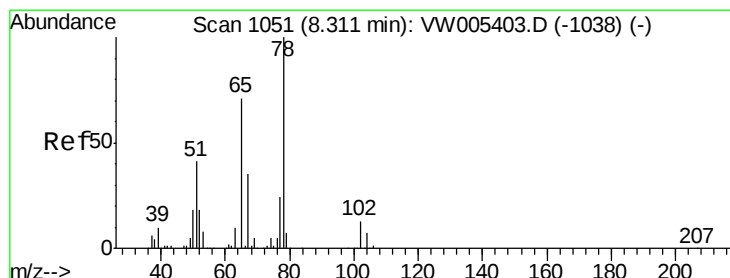
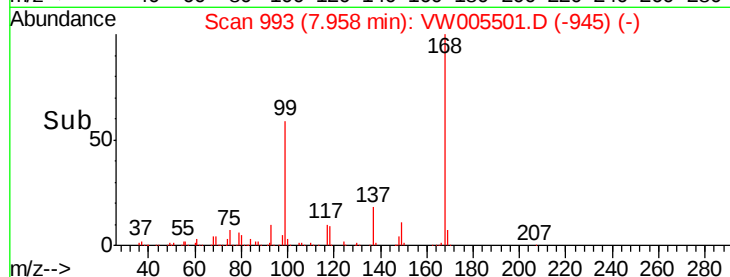
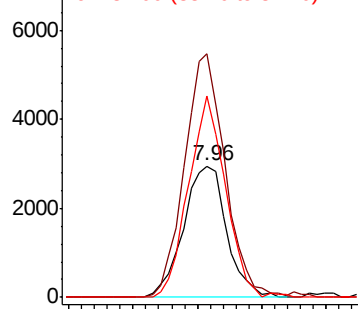
56 100

69 185.6 27.2 40.8#

84 153.7 66.7 100.1#



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: 54.458 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005501.D

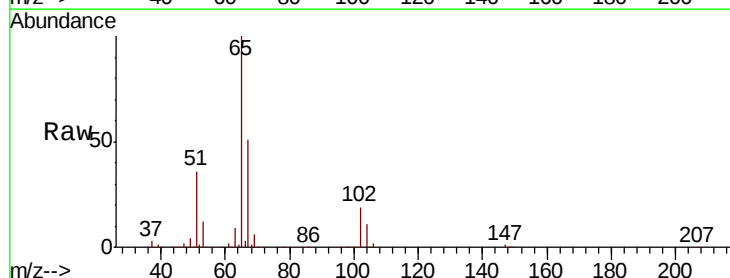
Acq: 19 Sep 2018 02:49

Tgt Ion: 65 Resp: 164868

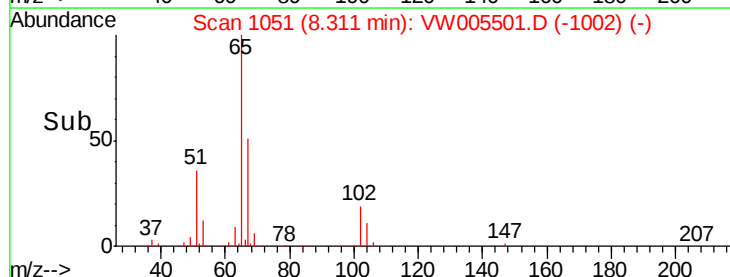
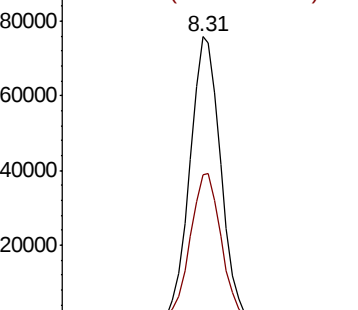
Ion Ratio Lower Upper

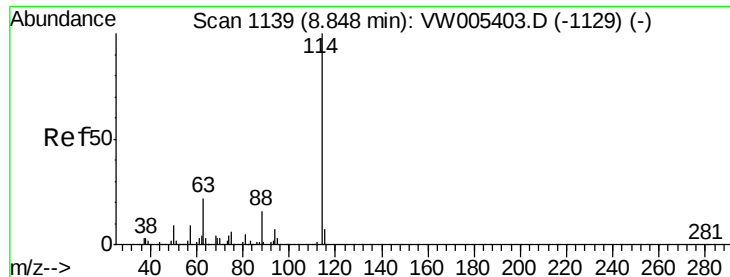
65 100

67 52.7 0.0 100.6



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

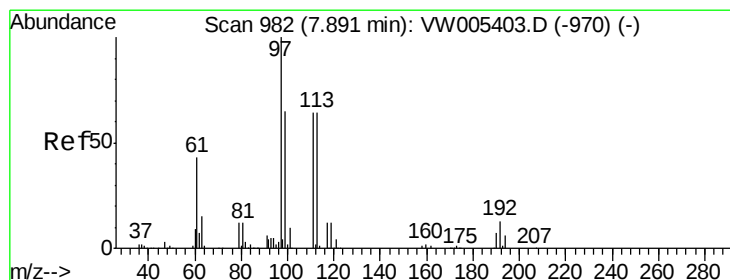
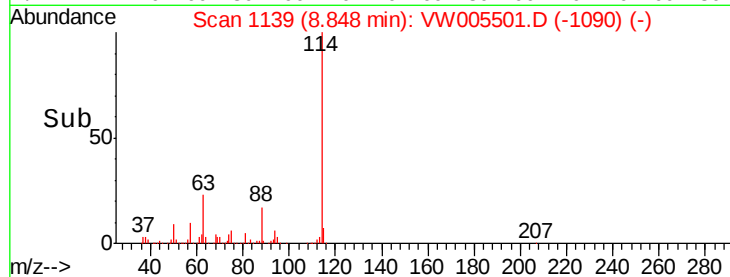
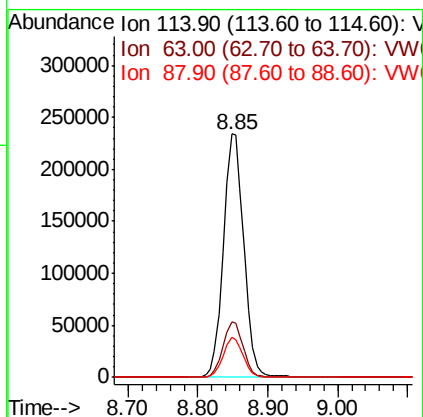
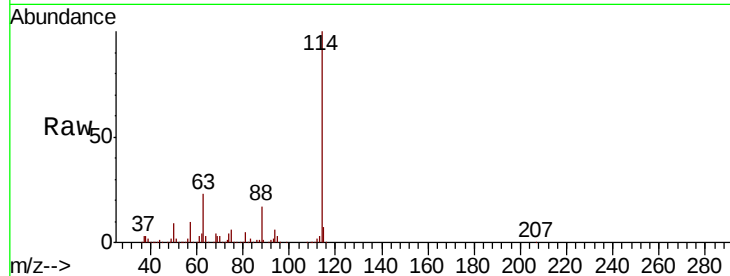




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005501.D
 Acq: 19 Sep 2018 02:49

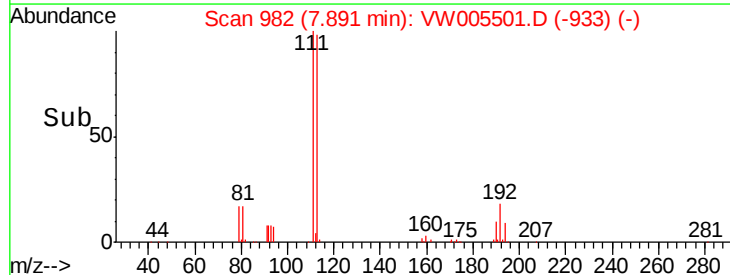
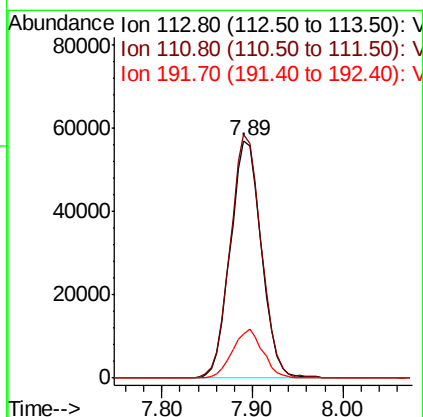
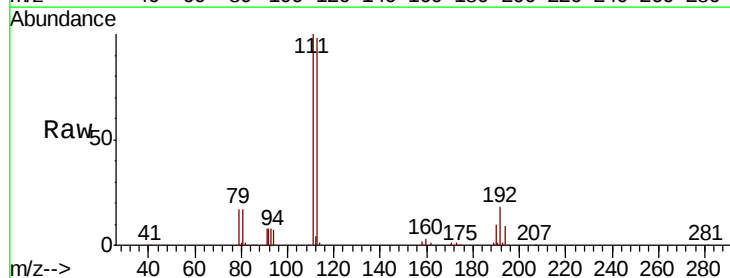
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL02

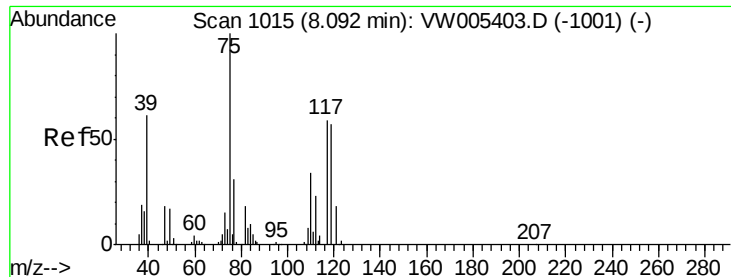
Tgt Ion:114 Resp: 474565
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 16.6 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.806 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005501.D
 Acq: 19 Sep 2018 02:49

Tgt Ion:113 Resp: 135186
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 20.0 16.5 24.7

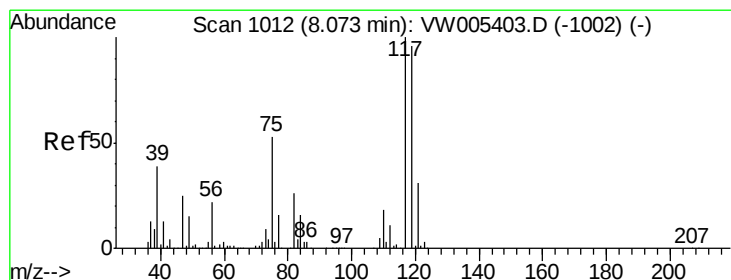
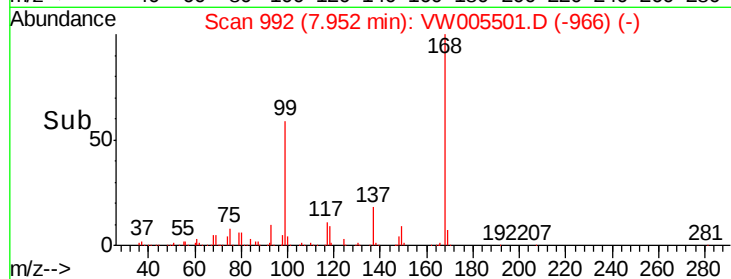
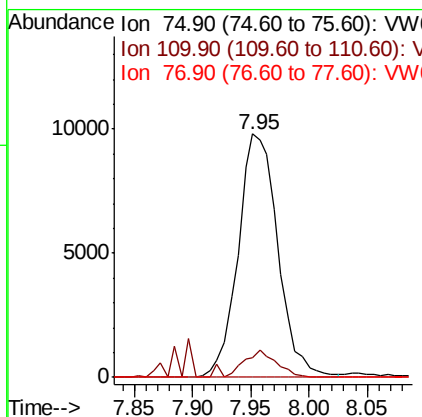
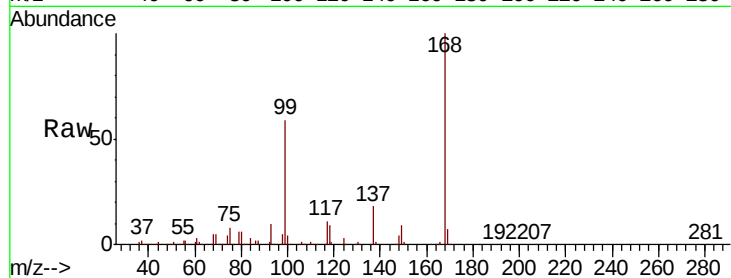




#36
 1,1-Dichloropropene
 Concen: 5.191 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005501.D
 Acq: 19 Sep 2018 02:49

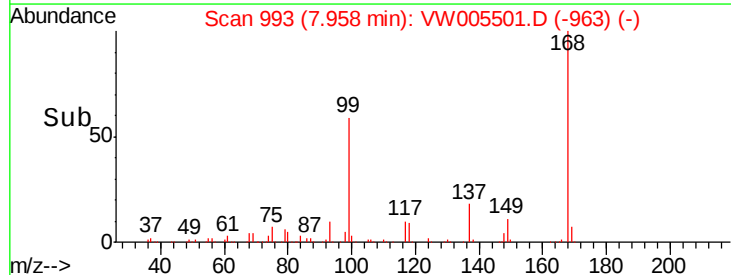
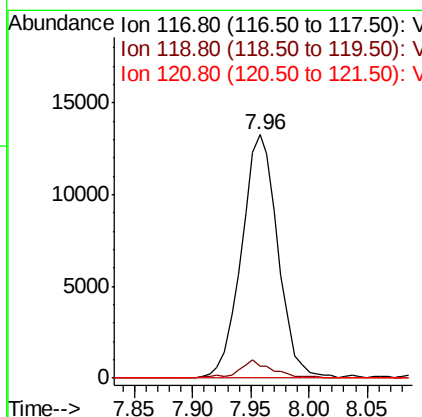
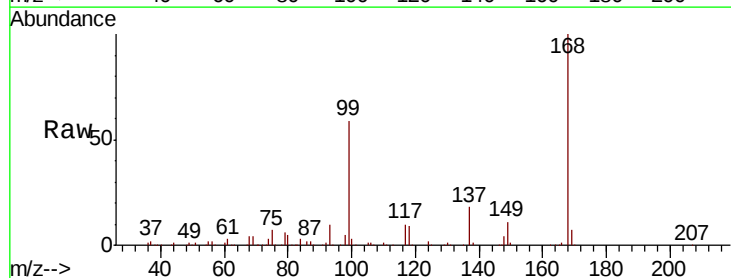
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL02

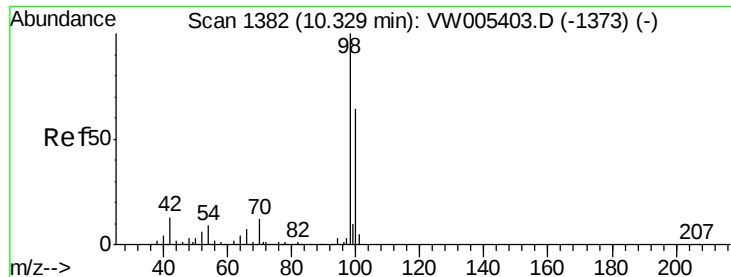
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.8	50.4#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.168 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005501.D
 Acq: 19 Sep 2018 02:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.8	115.2#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 50.380 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

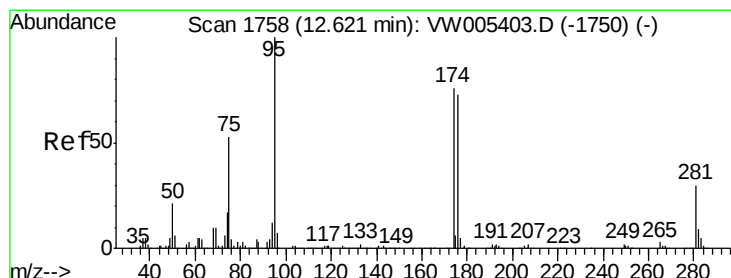
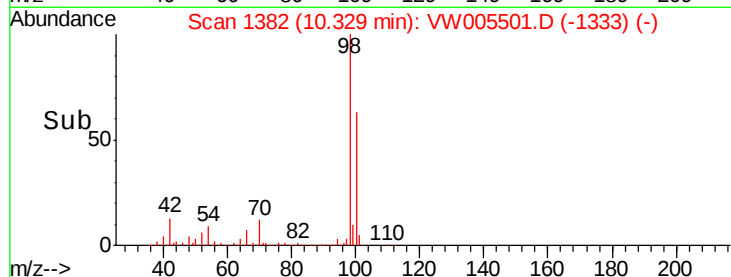
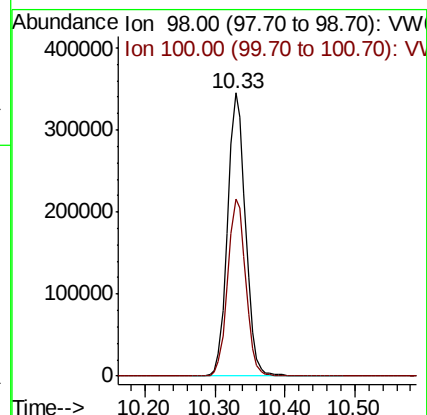
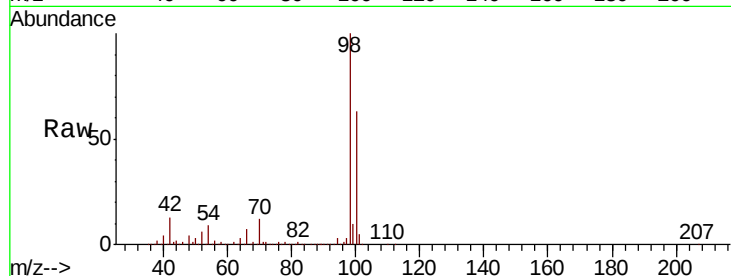
VW0918SBL02

Tgt Ion: 98 Resp: 613899

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 48.125 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

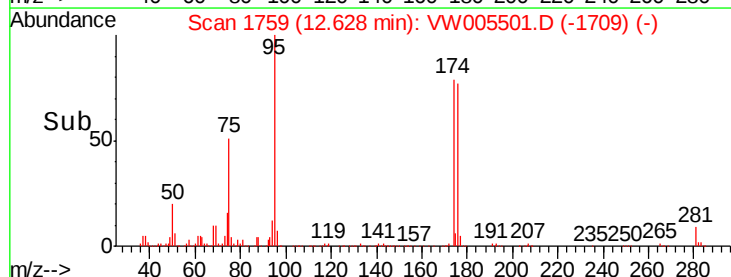
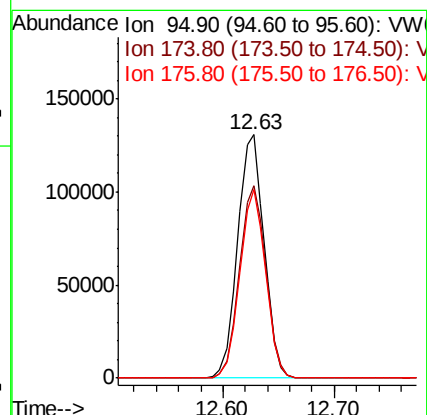
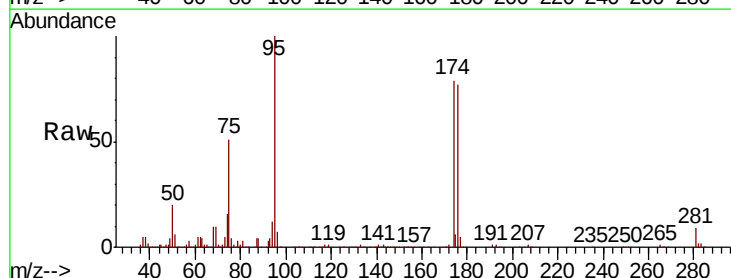
Tgt Ion: 95 Resp: 215021

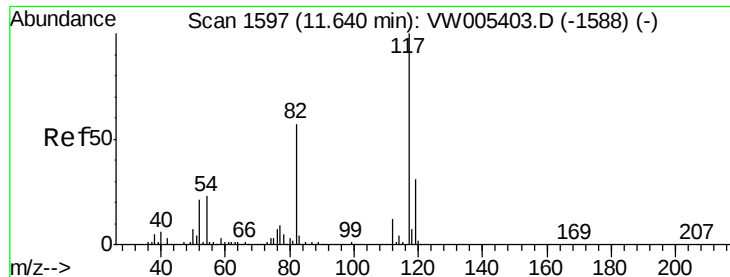
Ion Ratio Lower Upper

95 100

174 79.0 0.0 161.2

176 75.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBL02

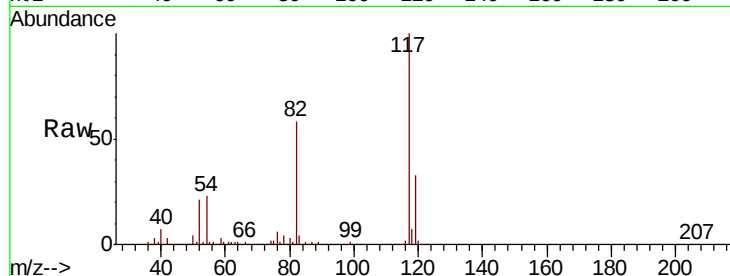
Tgt Ion:117 Resp: 453831

Ion Ratio Lower Upper

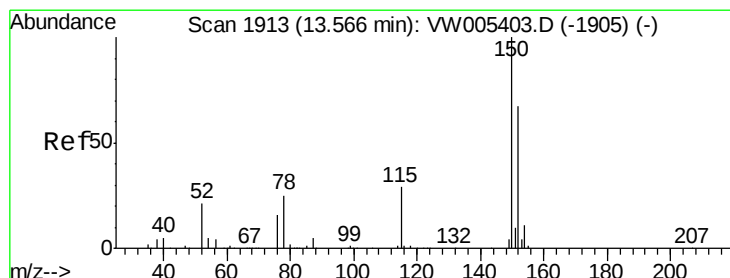
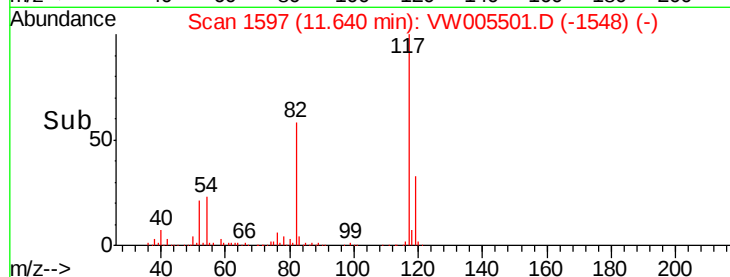
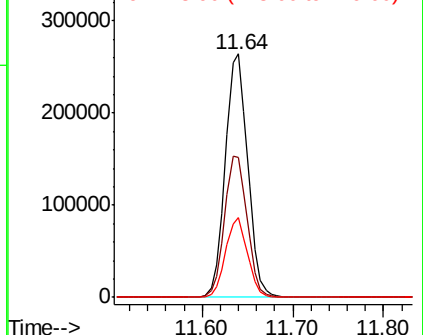
117 100

82 57.7 45.9 68.9

119 32.6 24.8 37.2



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: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

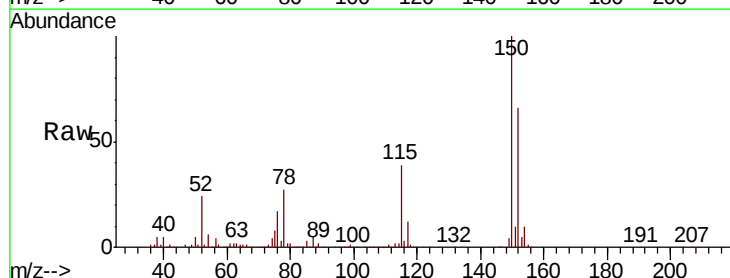
Tgt Ion:152 Resp: 218764

Ion Ratio Lower Upper

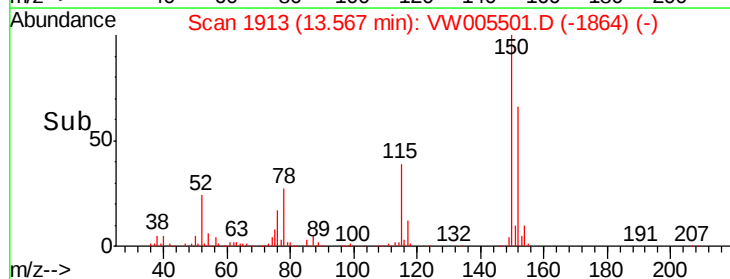
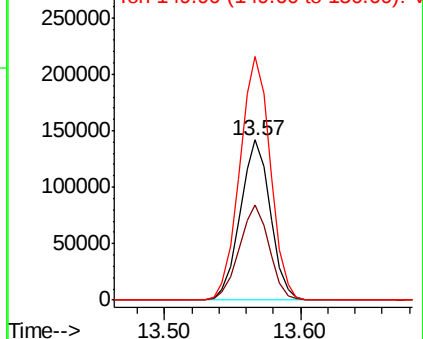
152 100

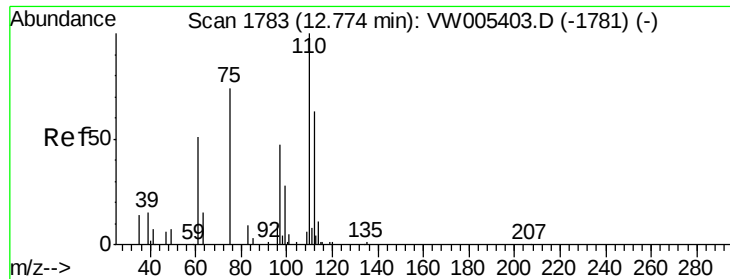
115 59.1 29.5 88.5

150 154.9 0.0 345.6



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: 61.936 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

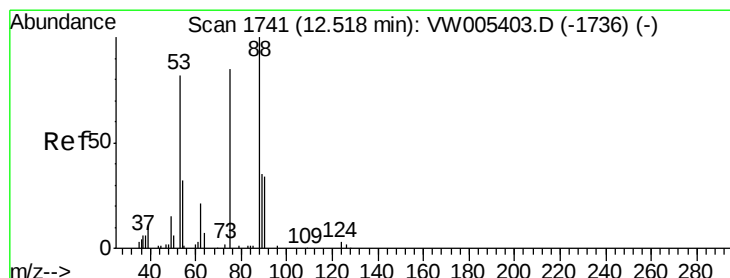
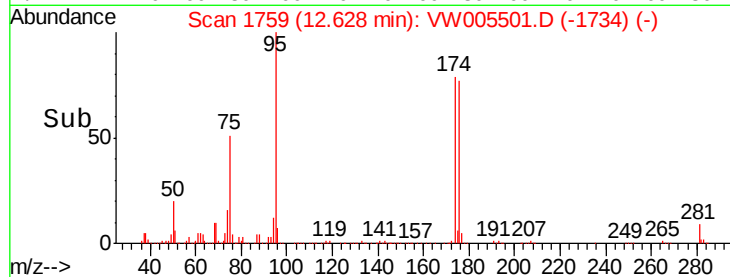
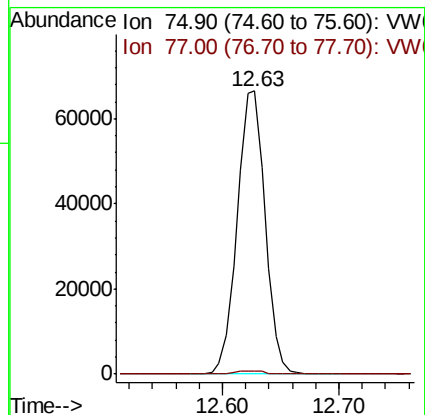
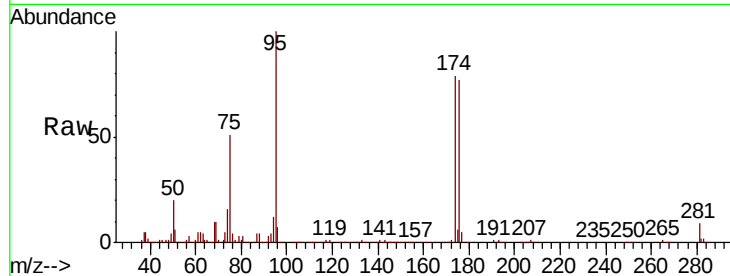
VW0918SBL02

Tgt Ion: 75 Resp: 111441

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.667 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005501.D

Acq: 19 Sep 2018 02:49

Tgt Ion: 75 Resp: 111441

Ion Ratio Lower Upper

75 100

53 0.2 83.2 124.8#

89 0.2 36.6 54.8#

