

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006207.D
 Acq On : 19 Oct 2018 06:56
 Operator : VA/AP
 Sample : J5565-07RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-8RE

Quant Time: Oct 19 07:59:51 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

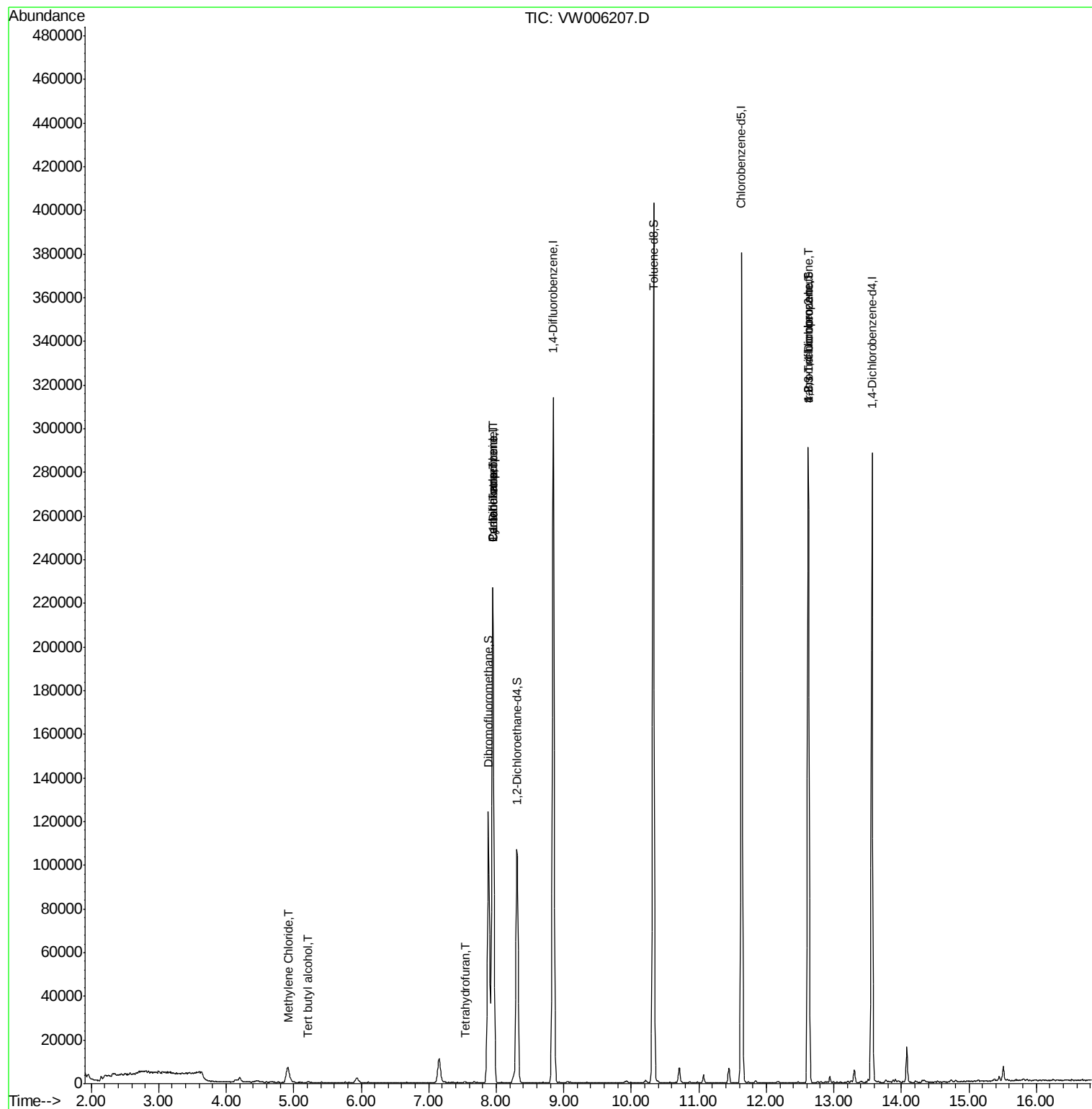
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	278892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	80891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86179	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
35) Dibromofluoromethane	7.88	113	84671	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.33	98	277432	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
62) 4-Bromofluorobenzene	12.62	95	84605	35.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	187	1.786	ug/l #	71
16) Acetone	4.14	43	2463	Below Cal	#	84
20) Methylene Chloride	4.92	84	6489	2.390	ug/l #	93
29) Tetrahydrofuran	7.54	42	286	1.106	ug/l #	31
31) Cyclohexane	7.95	56	3429	1.204	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	11840	4.606	ug/l #	49
38) Carbon Tetrachloride	7.95	117	16882	5.991	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	43212	69.940	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43212	167.183	ug/l #	10

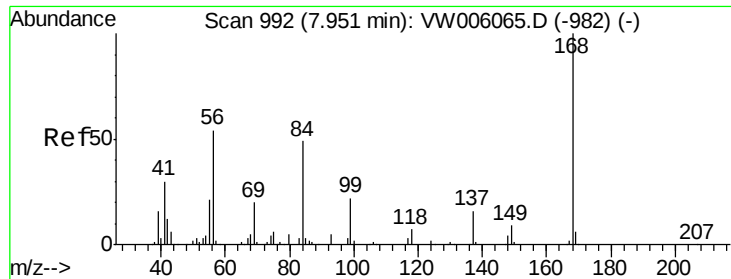
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 07:59:51 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: VW006207.D

Acq: 19 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

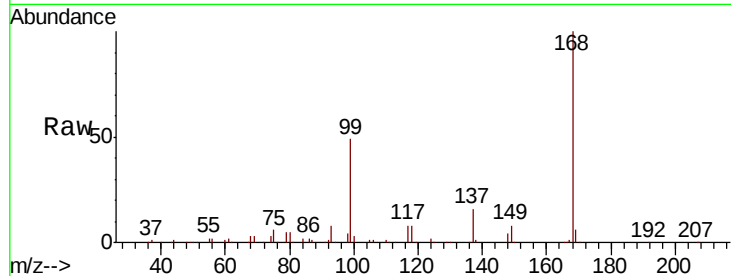
RLF-SD-8RE

Tot Ion:168 Resp: 187751

Ion Ratio Lower Upper

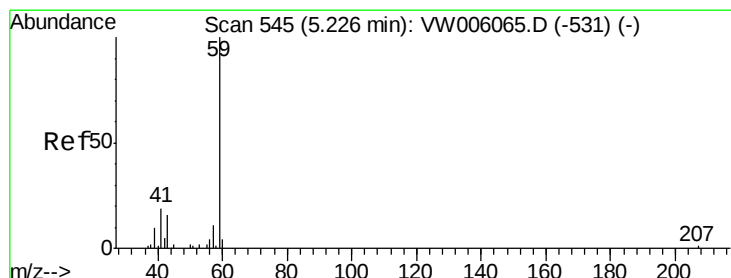
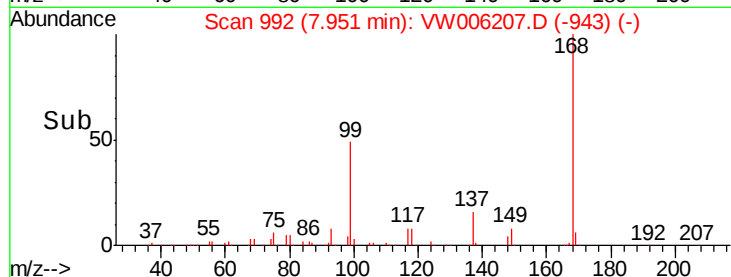
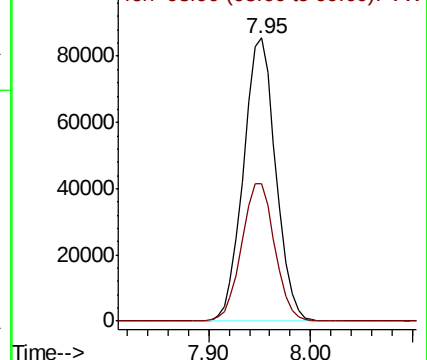
168 100

99 48.6 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: 1.786 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006207.D

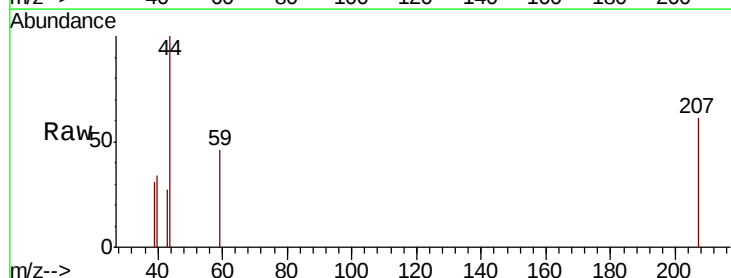
Acq: 19 Oct 2018 06:56

Tgt Ion: 59 Resp: 187

Ion Ratio Lower Upper

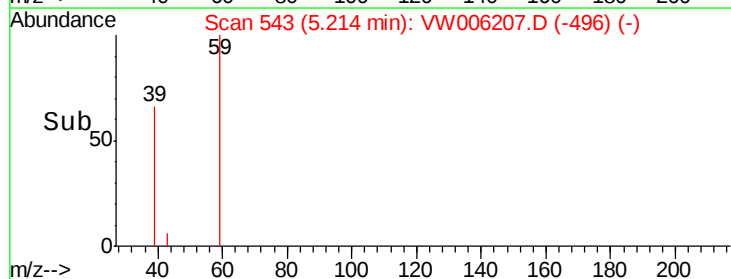
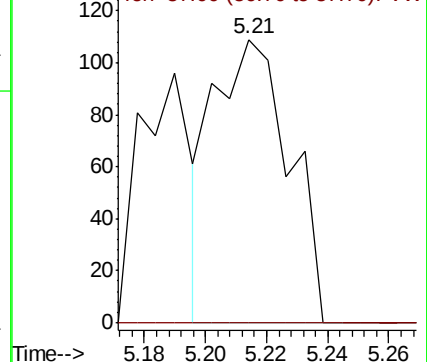
59 100

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: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006207.D

Acq: 19 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

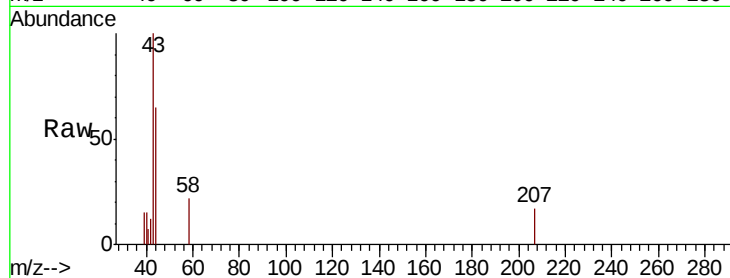
RLF-SD-8RE

Tot Ion: 43 Resp: 2463

Ion Ratio Lower Upper

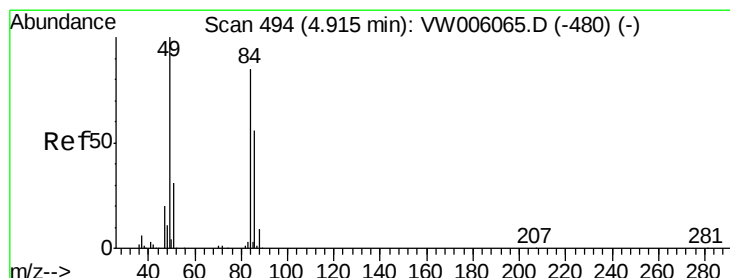
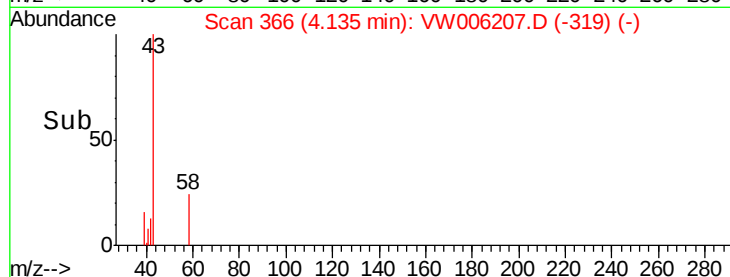
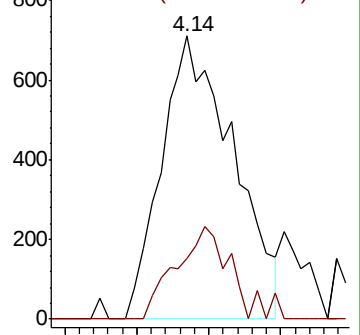
43 100

58 21.5 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: 2.390 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006207.D

Acq: 19 Oct 2018 06:56

Tgt Ion: 84 Resp: 6489

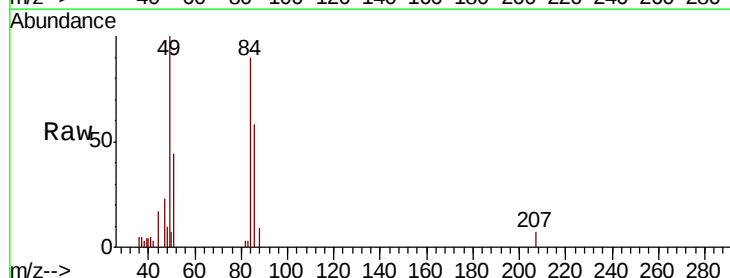
Ion Ratio Lower Upper

84 100

49 111.1 93.6 140.4

51 48.5 29.0 43.4#

86 64.2 52.6 79.0

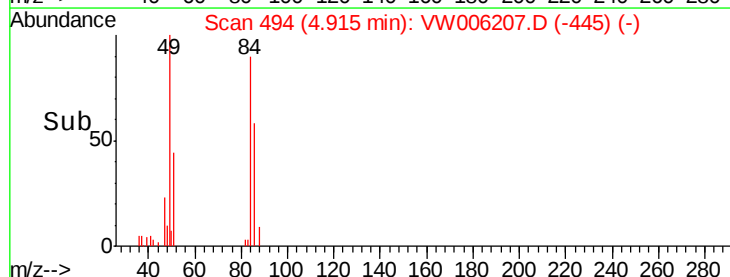
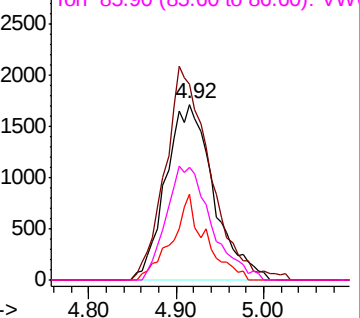


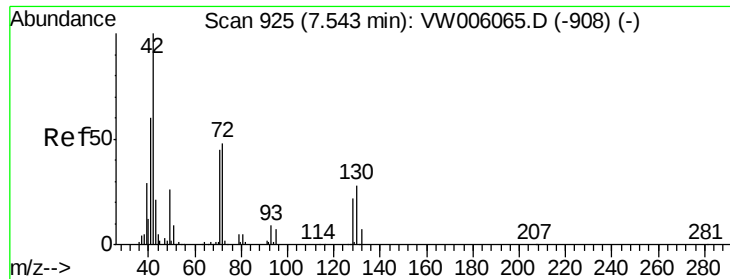
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 1.106 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006207.D

Acq: 19 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-8RE

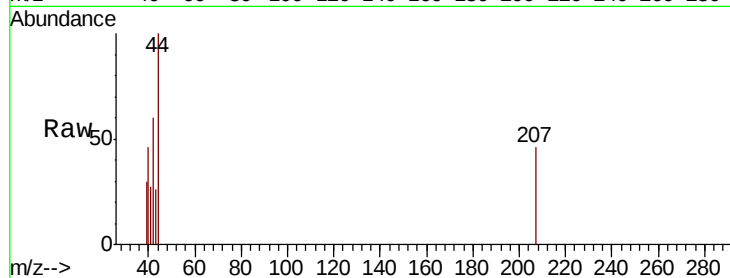
Tot Ion: 42 Resp: 286

Ion Ratio Lower Upper

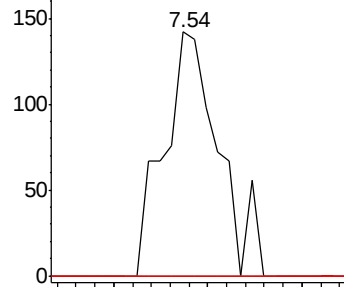
42 100

72 0.0 38.0 57.0#

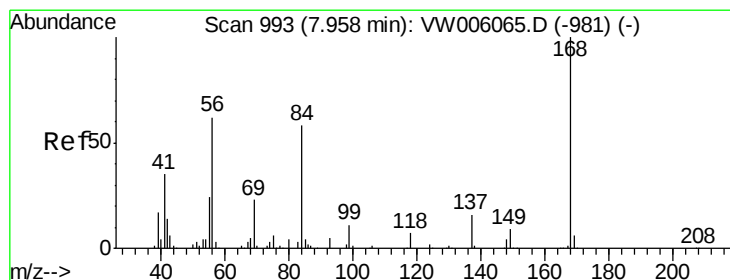
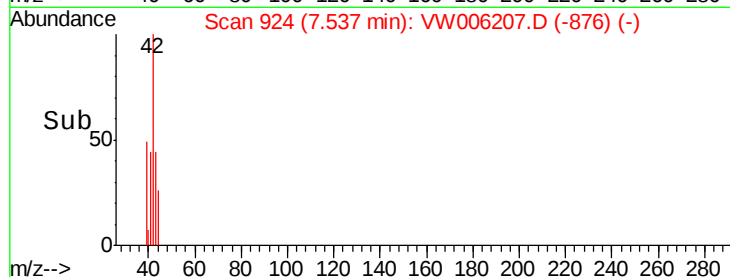
71 0.0 35.3 52.9#



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



Time-->



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006207.D

Acq: 19 Oct 2018 06:56

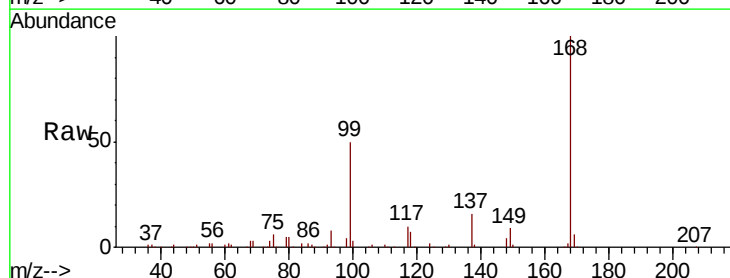
Tgt Ion: 56 Resp: 3429

Ion Ratio Lower Upper

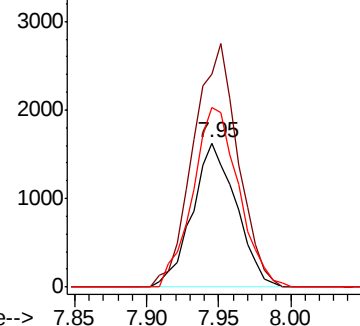
56 100

69 148.3 29.4 44.0#

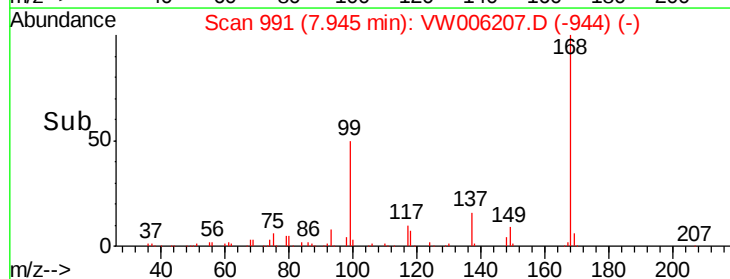
84 124.5 74.0 111.0#

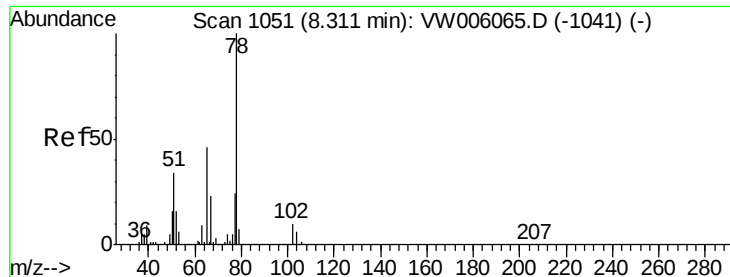


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->

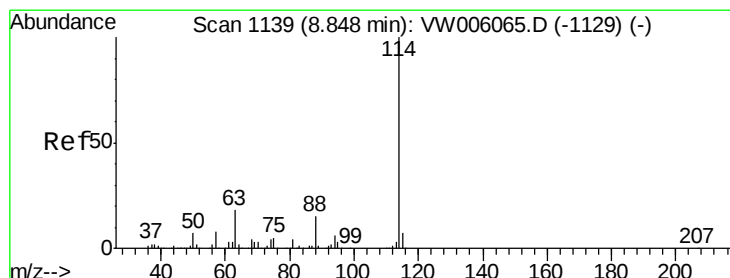
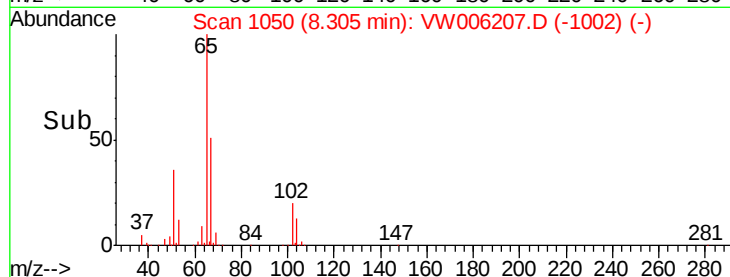
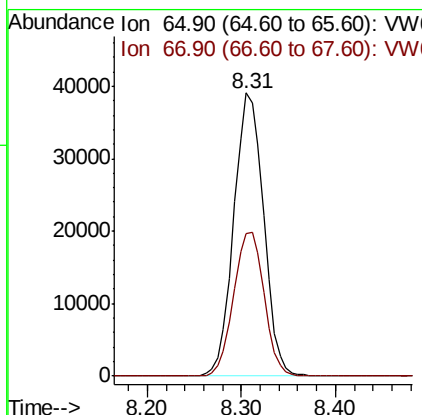
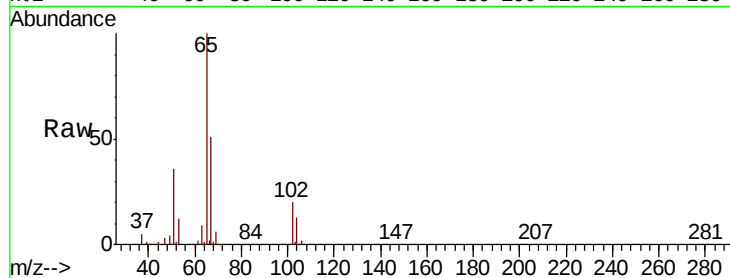




#33
 1,2-Dichloroethane-d4
 Concen: 55.365 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006207.D
 Acq: 19 Oct 2018 06:56

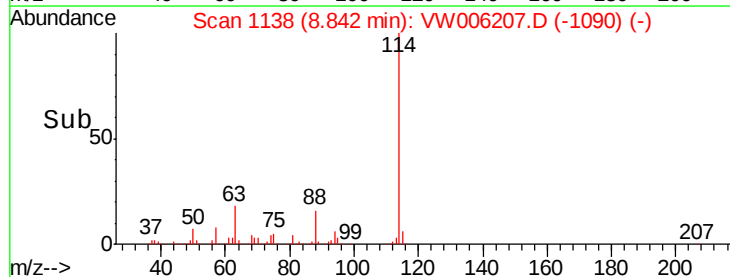
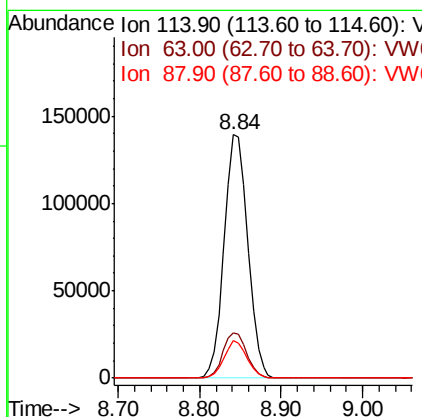
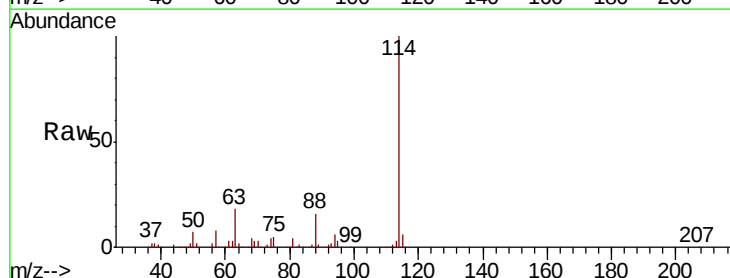
Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-8RE

Tot Ion: 65 Resp: 86179
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006207.D
 Acq: 19 Oct 2018 06:56

Tgt Ion: 114 Resp: 278892
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.6 0.0 29.0

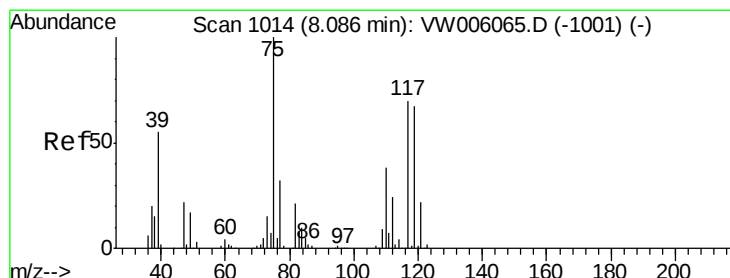
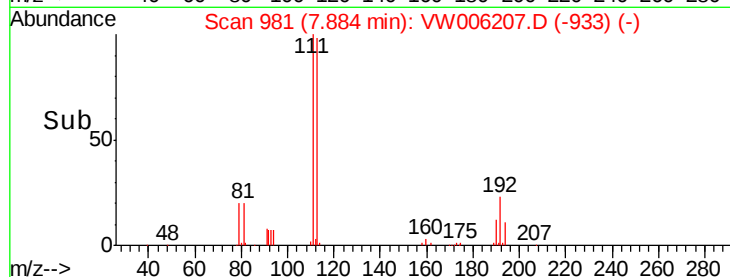
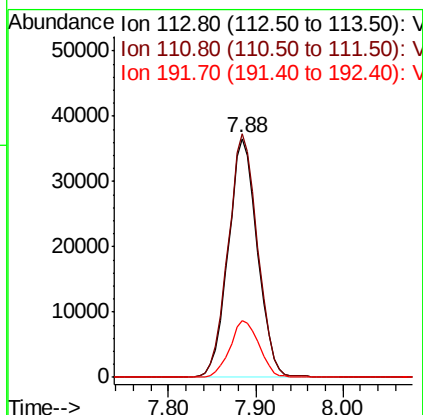
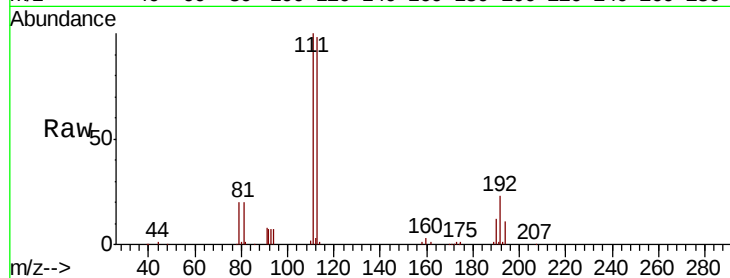




#35
 Dibromofluoromethane
 Concen: 51.379 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006207.D
 Acq: 19 Oct 2018 06:56

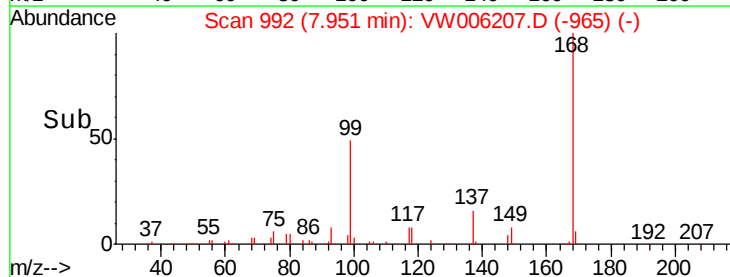
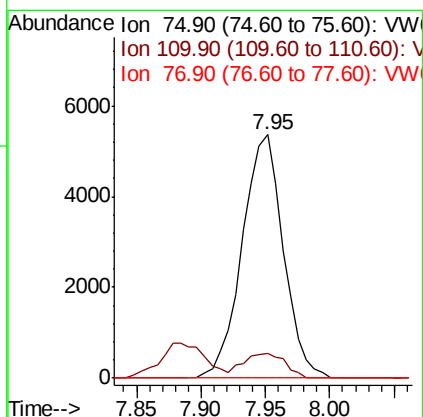
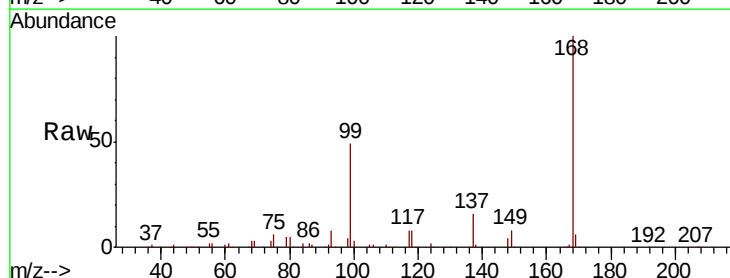
Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-8RE

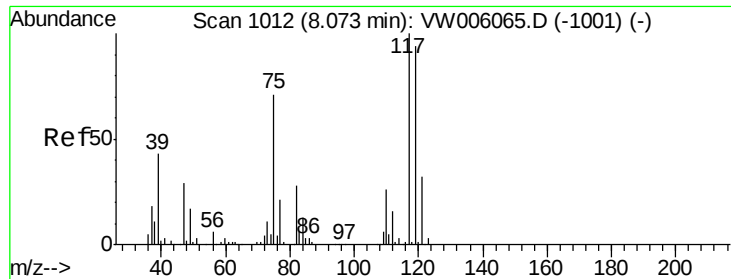
Tot Ion:113 Resp: 84671
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 23.7 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.606 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006207.D
 Acq: 19 Oct 2018 06:56

Tgt Ion: 75 Resp: 11840
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.1 57.1#
 77 0.0 25.0 37.4#

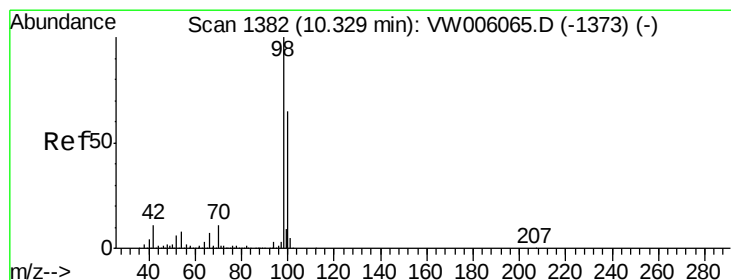
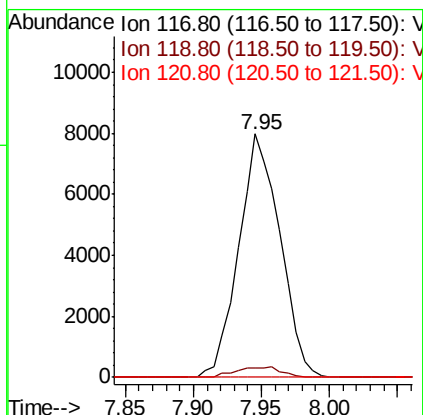
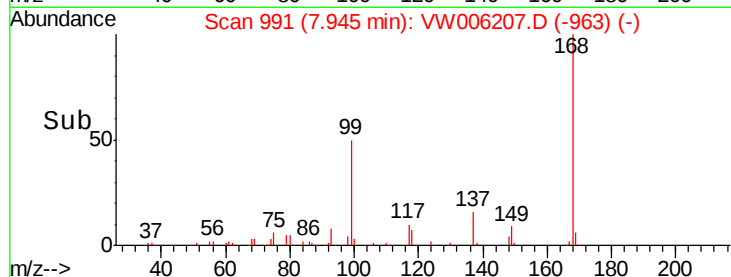
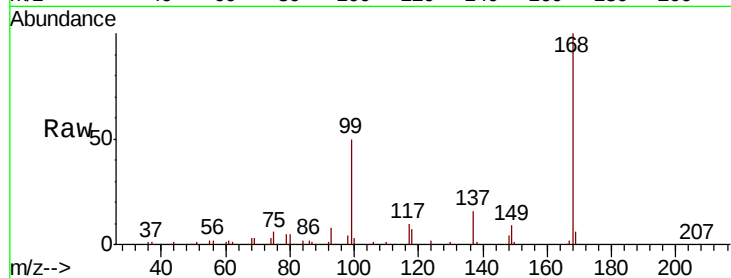




#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006207.D
Acq: 19 Oct 2018 06:56

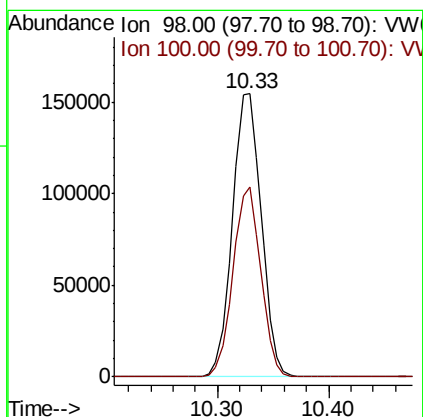
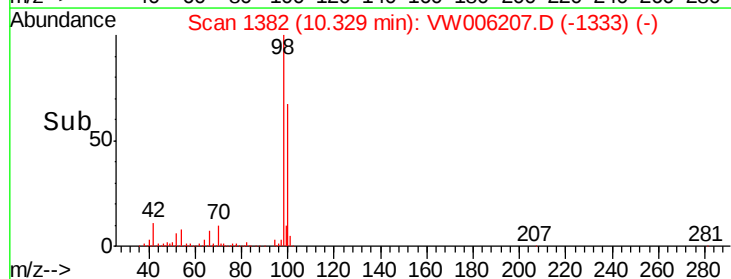
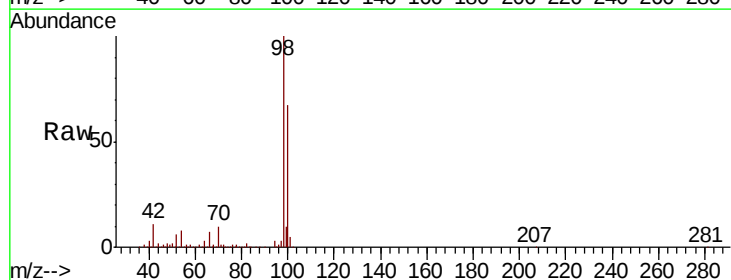
Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-8RE

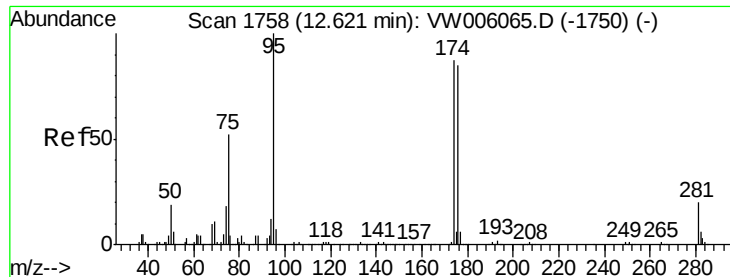
Tot Ion:117 Resp: 16882
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 44.250 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006207.D
Acq: 19 Oct 2018 06:56

Tgt Ion: 98 Resp: 277432
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

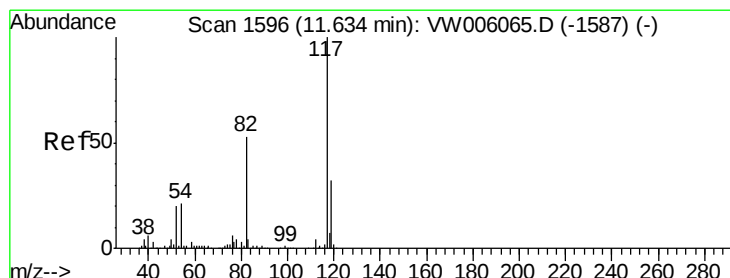
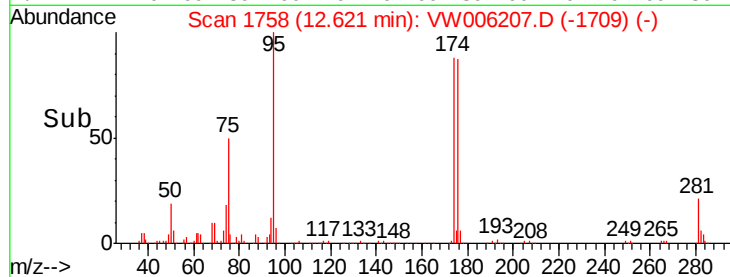
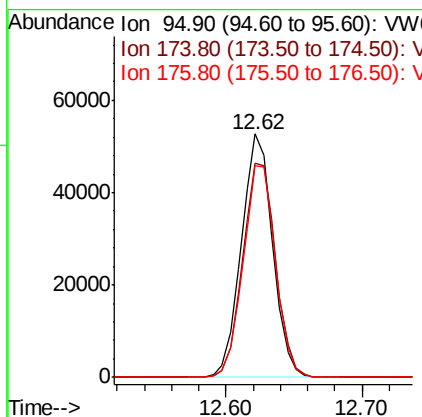
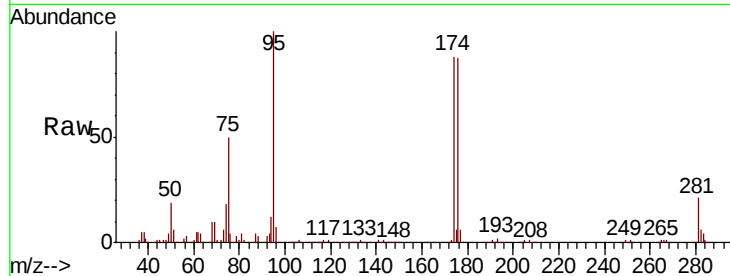




#62
4-Bromofluorobenzene
Concen: 35.929 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006207.D
Acq: 19 Oct 2018 06:56

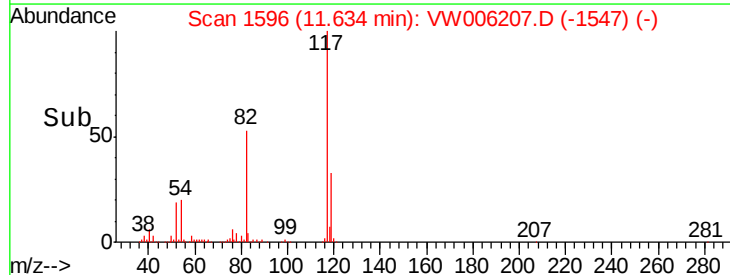
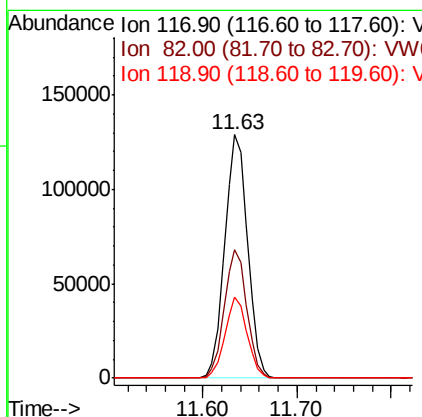
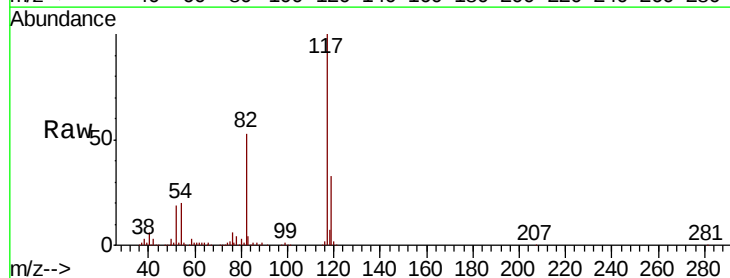
Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-8RE

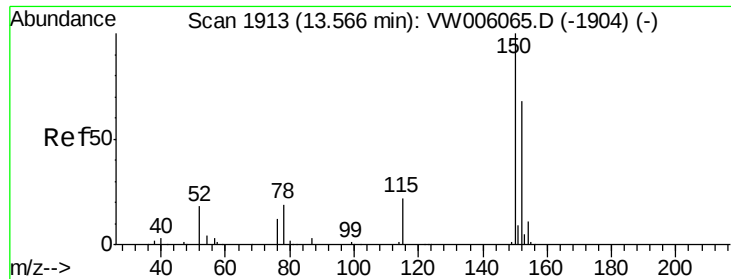
Tot Ion	95	Resp	84605
Ion Ratio	100		
Lower		0.0	186.0
Upper		0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006207.D
Acq: 19 Oct 2018 06:56

Tgt Ion	117	Resp	217207
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		42.1	63.1
Upper		25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006207.D

Acq: 19 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

RLF-SD-8RE

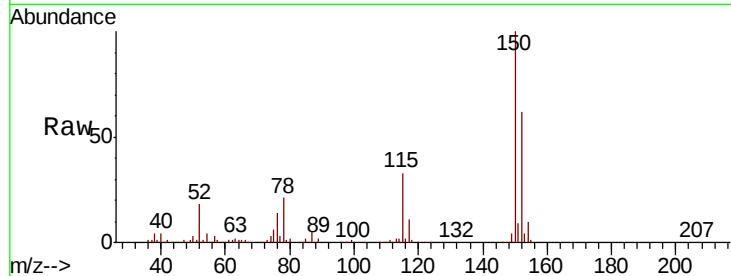
Tot Ion:152 Resp: 80891

Ion Ratio Lower Upper

152 100

115 54.2 27.8 83.3

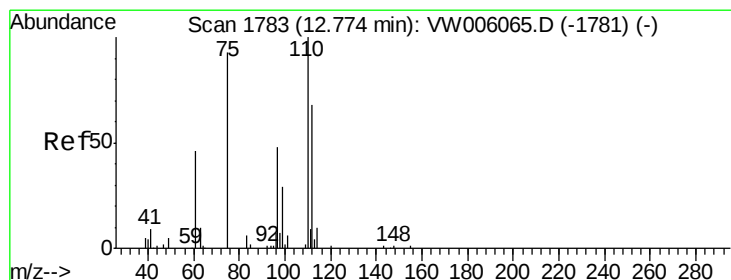
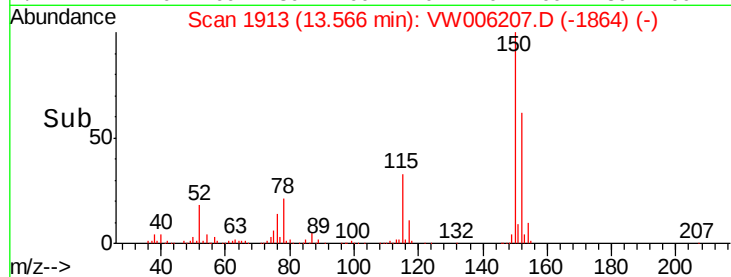
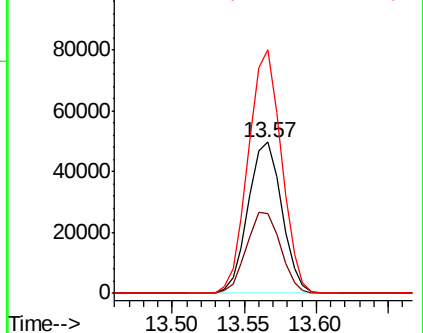
150 157.7 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 69.940 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006207.D

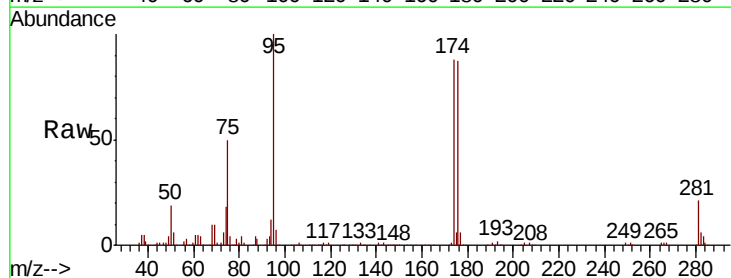
Acq: 19 Oct 2018 06:56

Tgt Ion: 75 Resp: 43212

Ion Ratio Lower Upper

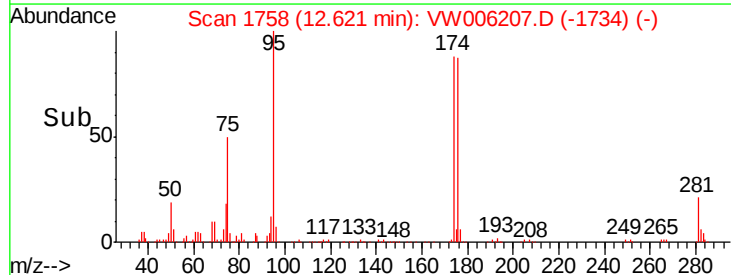
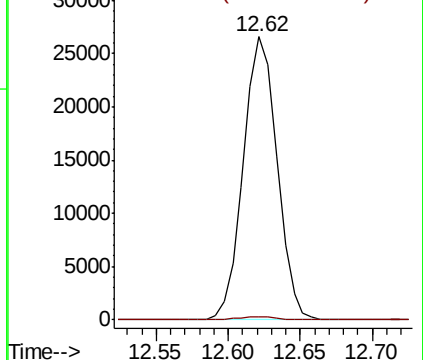
75 100

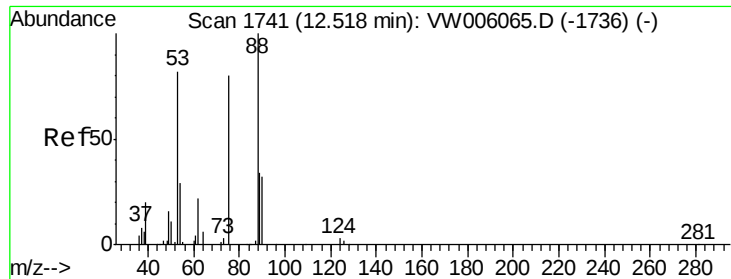
77 1.2 0.0 0.0#



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: 167.183 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006207.D

Acq: 19 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-8RE

Tot Ion: 75 Resp: 43212

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

