

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006159.D
 Acq On : 18 Oct 2018 07:31
 Operator : VA/AP
 Sample : J5565-03
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-4

Quant Time: Oct 18 10:51:15 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

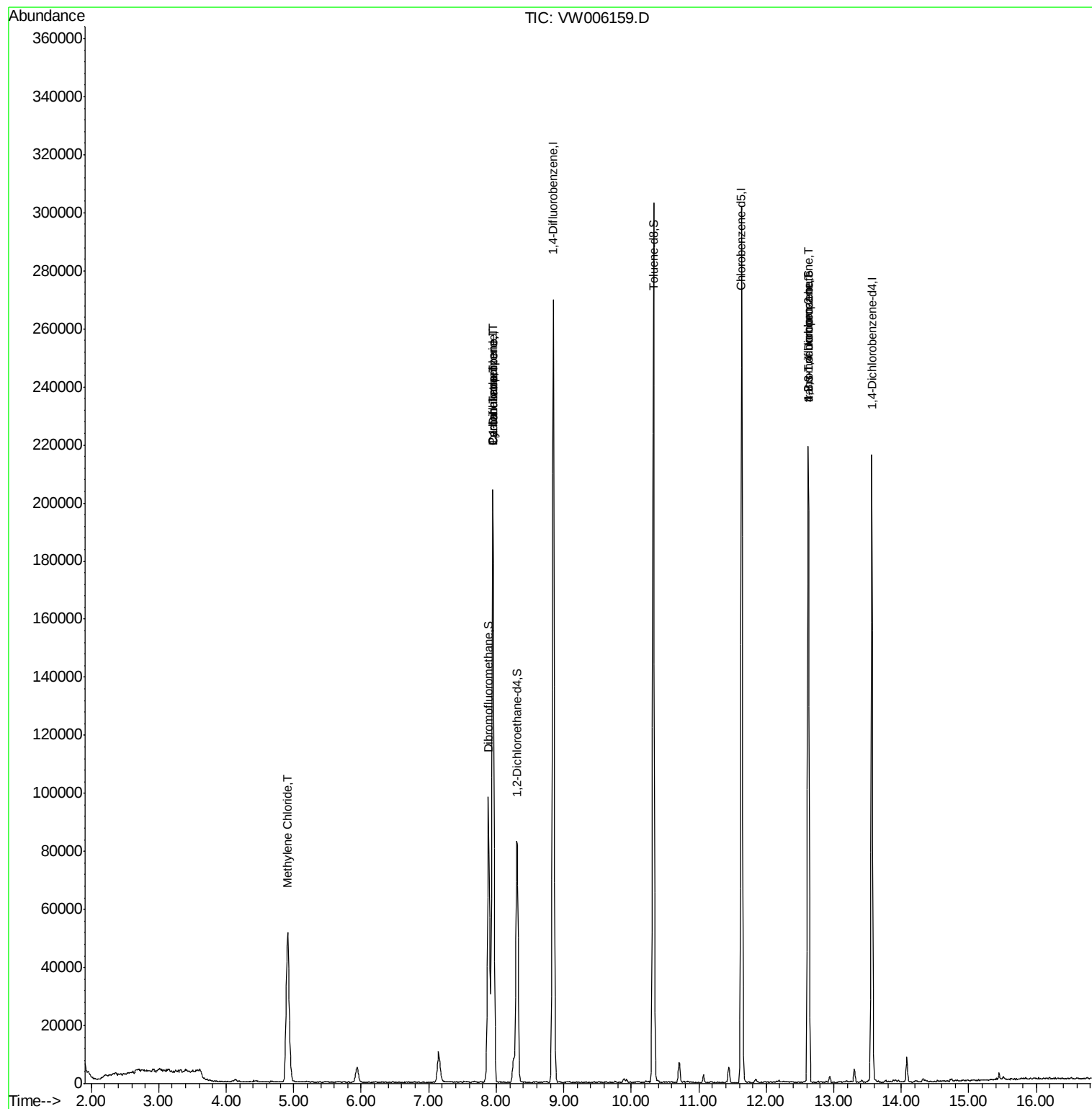
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	166464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	237058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67572	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	67348	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.33	98	212139	39.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.62%	
62) 4-Bromofluorobenzene	12.62	95	60685	30.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.64%	
Target Compounds						
16) Acetone	4.14	43	1440	Below Cal		90
20) Methylene Chloride	4.91	84	41518	27.71 ug/l		99
31) Cyclohexane	7.95	56	2946	1.17 ug/l #		6
36) 1,1-Dichloropropene	7.95	75	10684	4.89 ug/l #		48
38) Carbon Tetrachloride	7.95	117	14709	6.14 ug/l #		16
76) 1,2,3-Trichloropropane	12.62	75	31395	66.48 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	31395	158.90 ug/l #		10

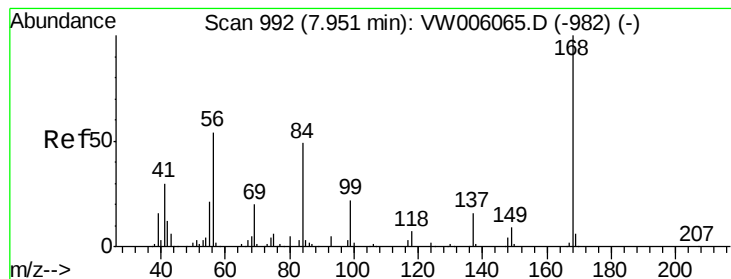
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006159.D

Acq: 18 Oct 2018 07:31

Instrument :

MSVOA_W

ClientSampled :

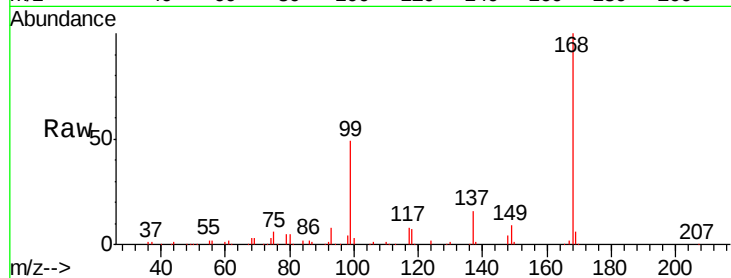
RLF-SD-4

Tgt Ion:168 Resp: 166464

Ion Ratio Lower Upper

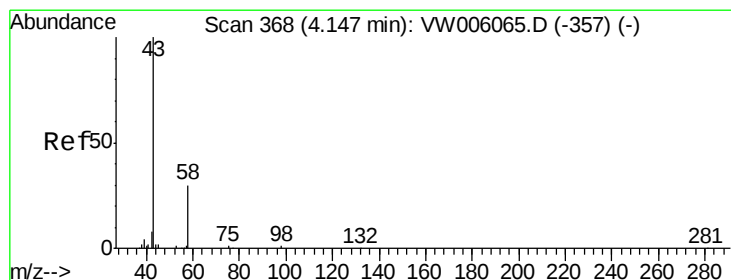
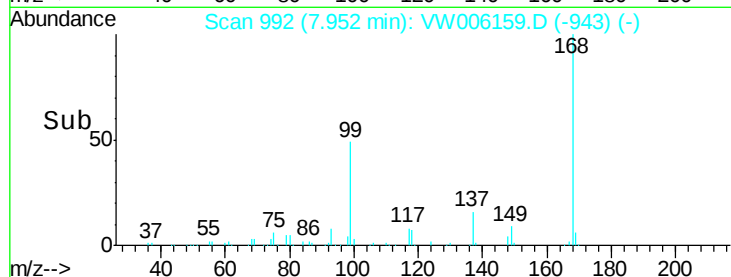
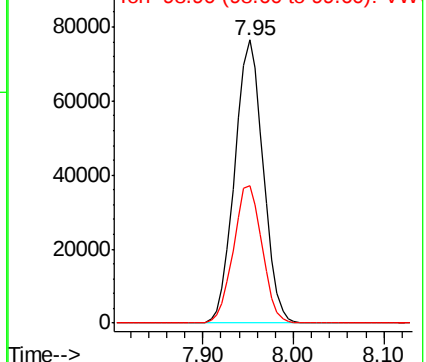
168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006159.D

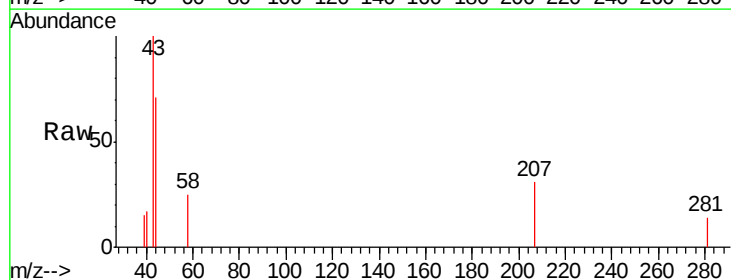
Acq: 18 Oct 2018 07:31

Tgt Ion: 43 Resp: 1440

Ion Ratio Lower Upper

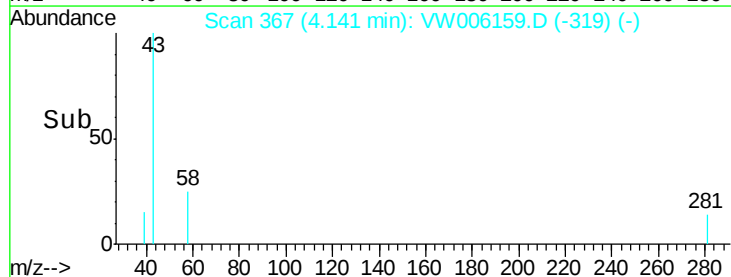
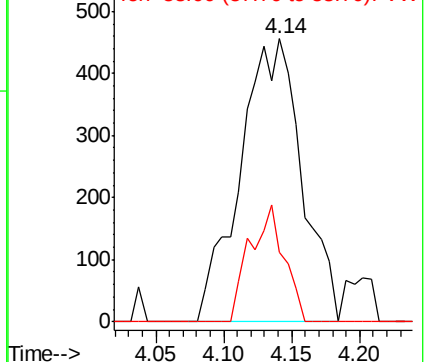
43 100

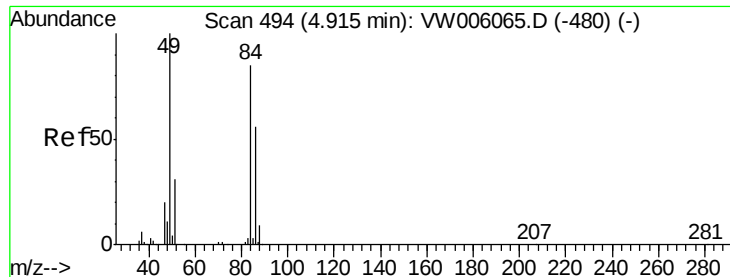
58 24.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

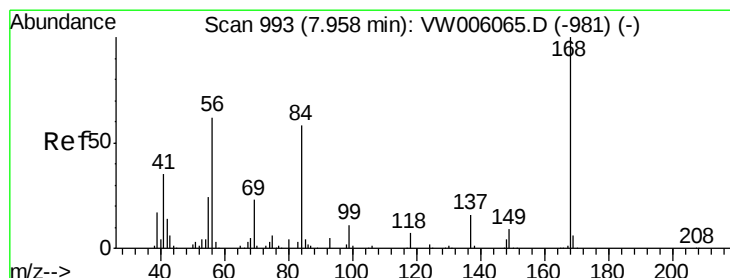
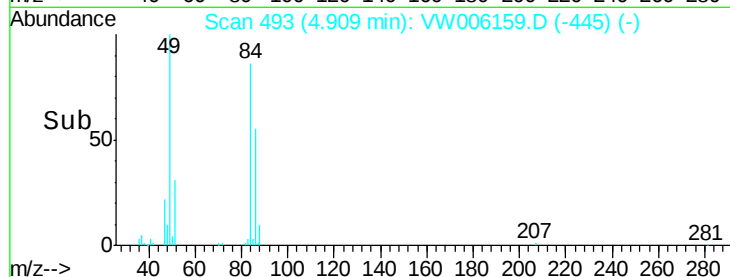
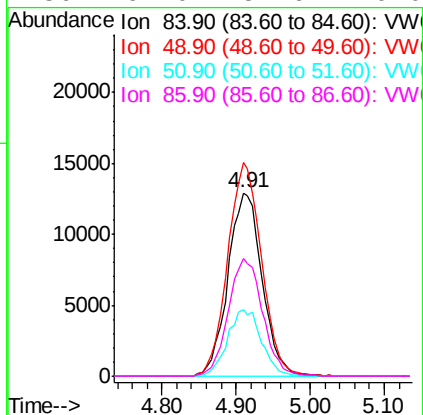
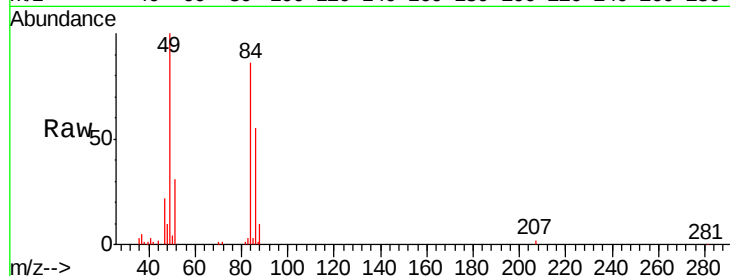




#20
Methylene Chloride
Concen: 27.71 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006159.D
Acq: 18 Oct 2018 07:31

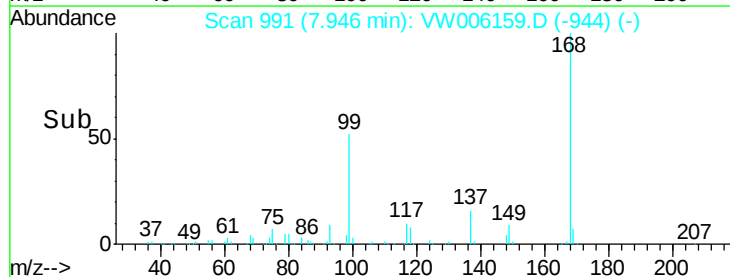
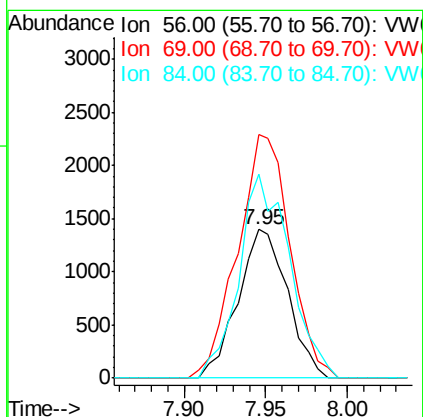
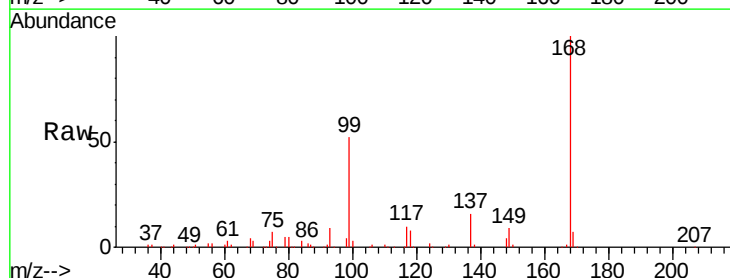
Instrument :
MSVOA_W
ClientSampled :
RLF-SD-4

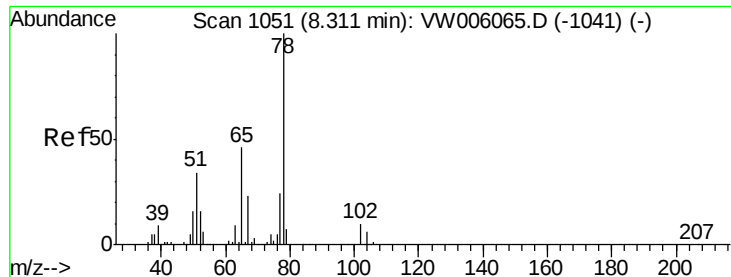
Tgt Ion:	84	Resp:	41518
Ion	Ratio	Lower	Upper
84	100		
49	116.3	93.6	140.4
51	36.2	29.0	43.4
86	64.0	52.6	79.0



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006159.D
Acq: 18 Oct 2018 07:31

Tgt Ion:	56	Resp:	2946
Ion	Ratio	Lower	Upper
56	100		
69	164.1	29.4	44.0#
84	137.2	74.0	111.0#

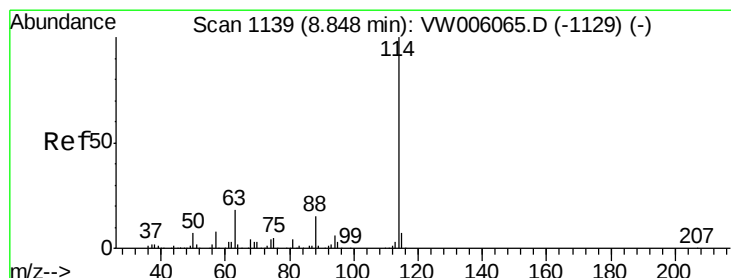
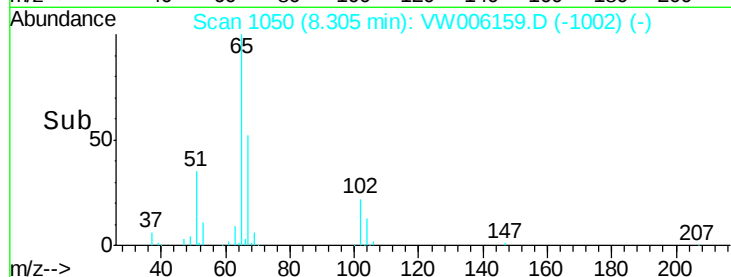
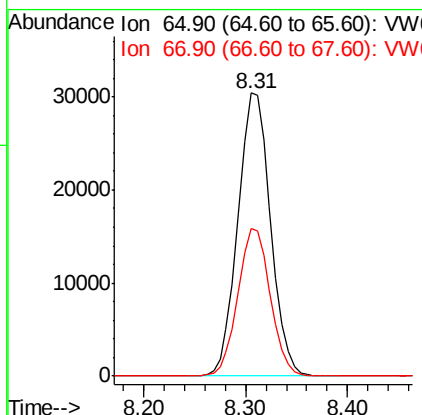
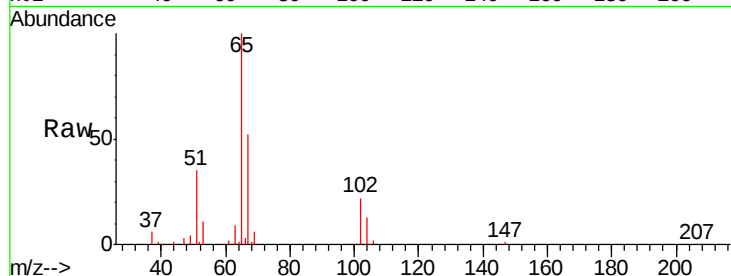




#33
 1,2-Dichloroethane-d4
 Concen: 48.96 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006159.D
 Acq: 18 Oct 2018 07:31

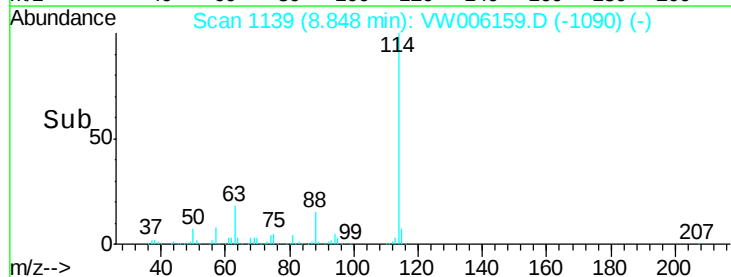
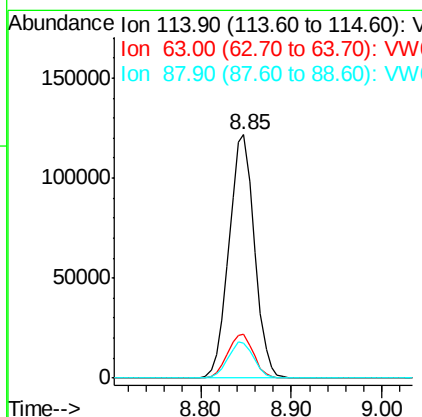
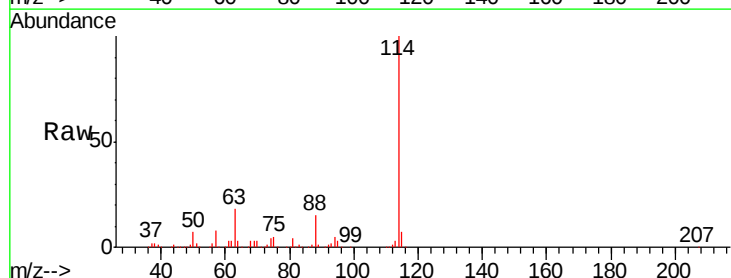
Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-4

Tgt Ion: 65 Resp: 67572
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VW006159.D
 Acq: 18 Oct 2018 07:31

Tgt Ion: 114 Resp: 237058
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.08 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-4

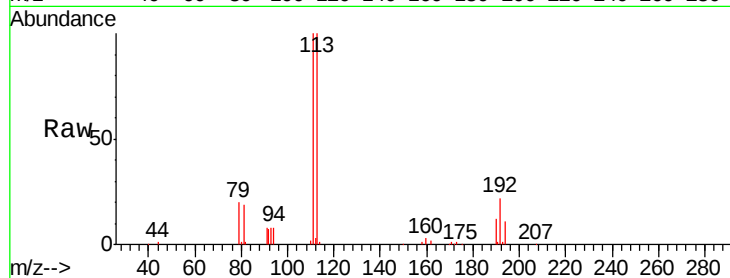
Tgt Ion:113 Resp: 67348

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

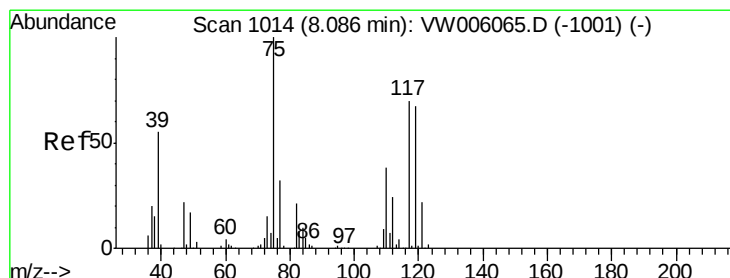
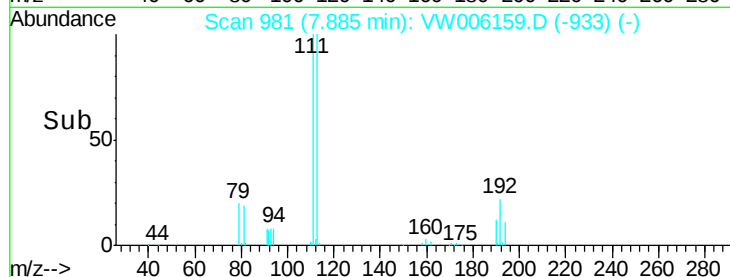
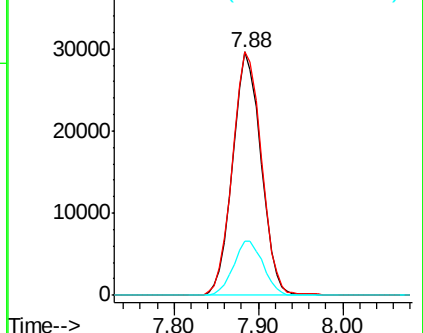
192 23.2 18.7 28.1



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: 4.89 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

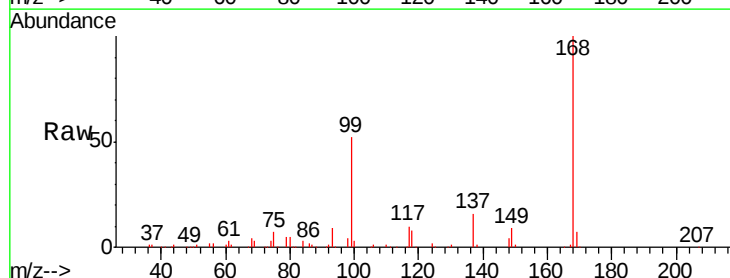
Tgt Ion: 75 Resp: 10684

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.1#

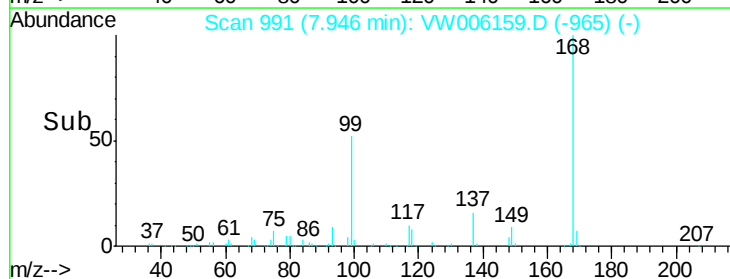
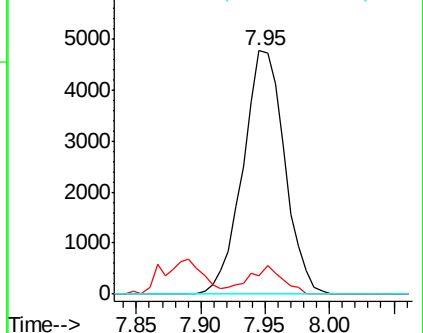
77 0.0 25.0 37.4#

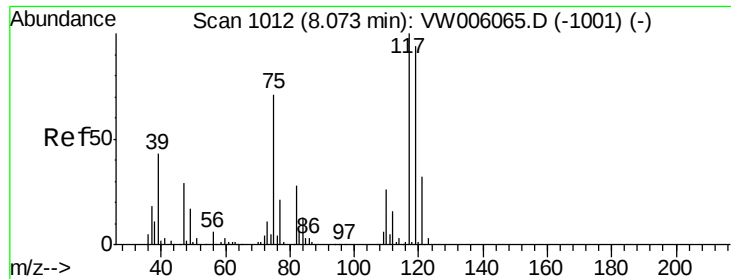


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.14 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

Instrument :

MSVOA_W

ClientSampled :

RLF-SD-4

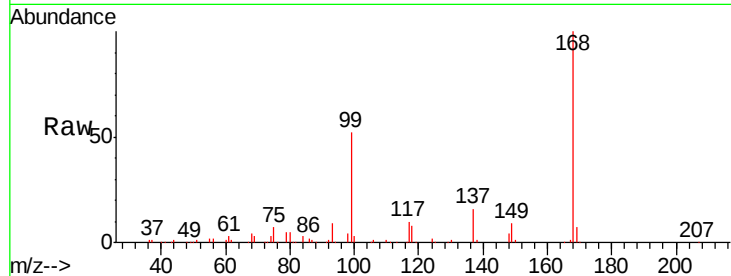
Tgt Ion:117 Resp: 14709

Ion Ratio Lower Upper

117 100

119 4.4 75.2 112.8#

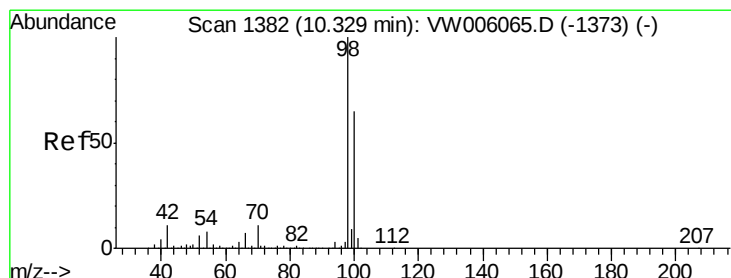
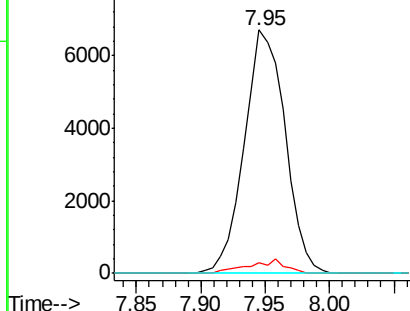
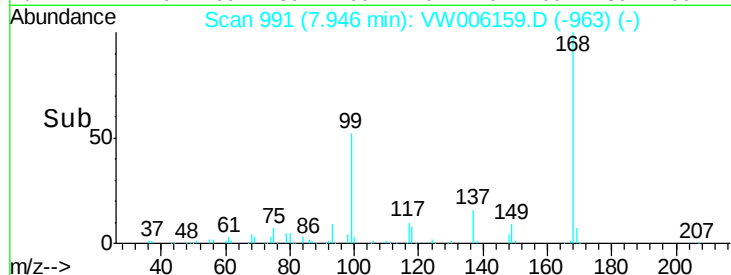
121 0.0 25.3 37.9#



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



#50

Toluene-d8

Concen: 39.81 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006159.D

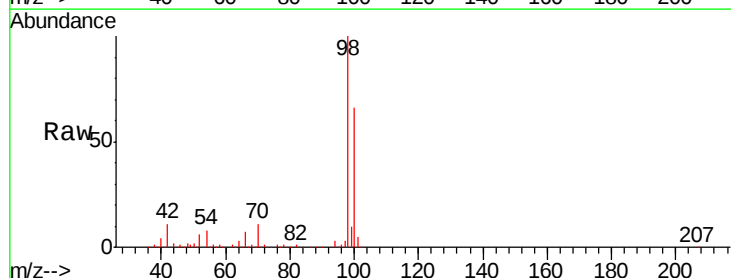
Acq: 18 Oct 2018 07:31

Tgt Ion: 98 Resp: 212139

Ion Ratio Lower Upper

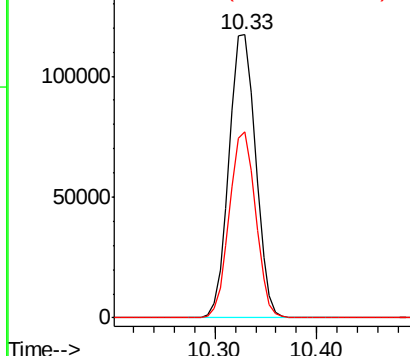
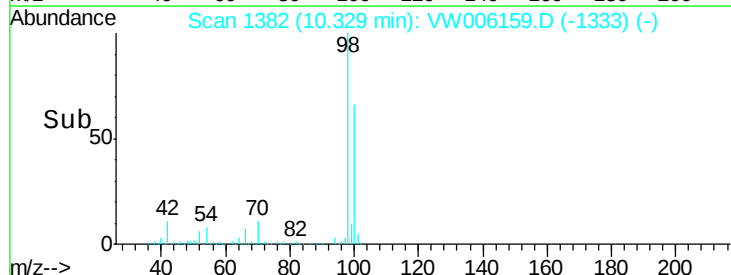
98 100

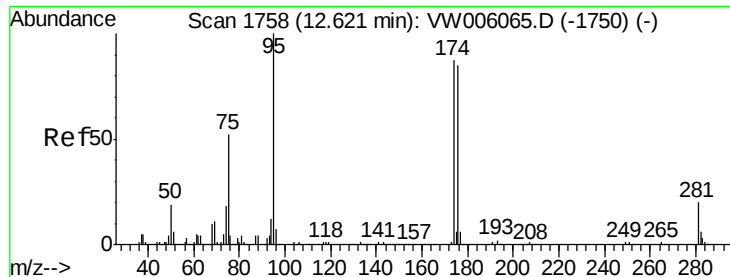
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 30.32 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

Instrument :

MSVOA_W

ClientSampled :

RLF-SD-4

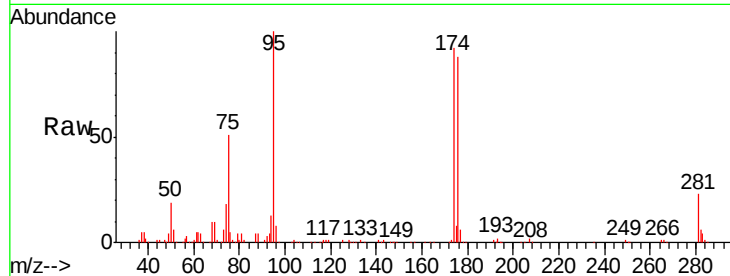
Tgt Ion: 95 Resp: 60685

Ion Ratio Lower Upper

95 100

174 96.0 0.0 186.0

176 92.4 0.0 181.6



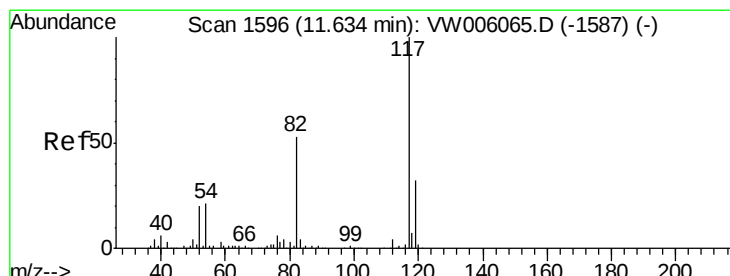
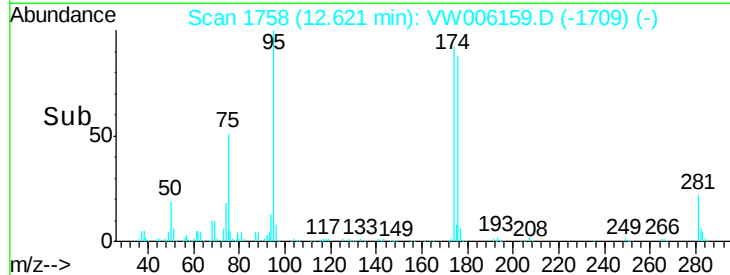
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

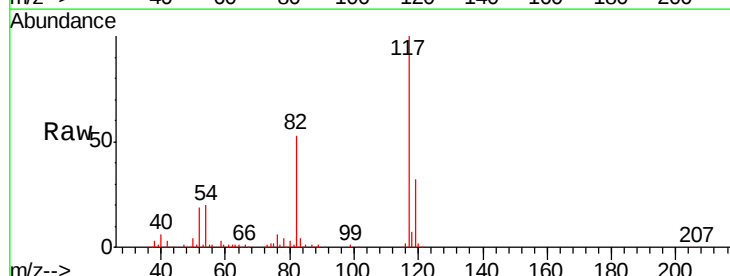
Tgt Ion: 117 Resp: 173584

Ion Ratio Lower Upper

117 100

82 52.7 42.1 63.1

119 31.8 25.8 38.6



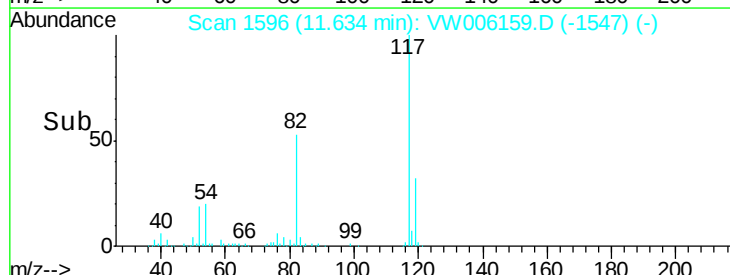
Abundance Ion 116.90 (116.60 to 117.60): VW

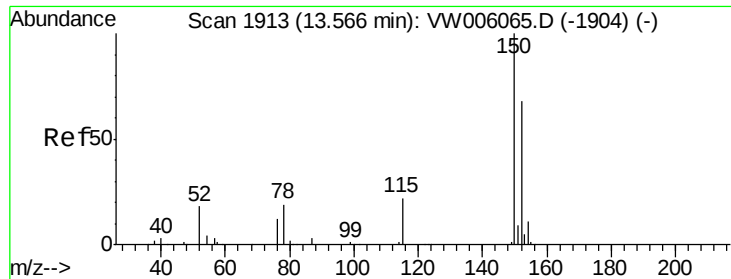
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-4

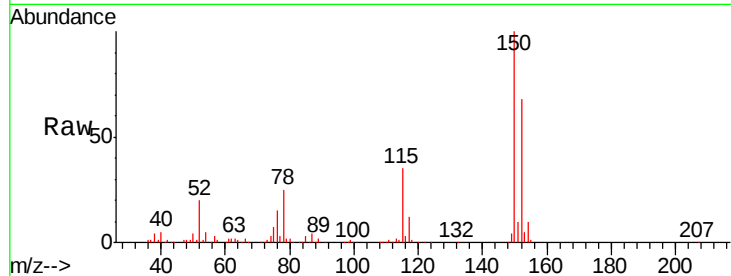
Tgt Ion:152 Resp: 61833

Ion Ratio Lower Upper

152 100

115 53.4 27.8 83.3

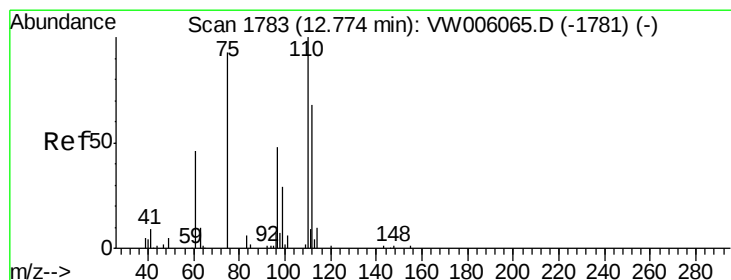
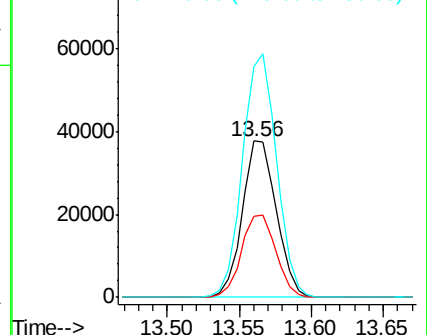
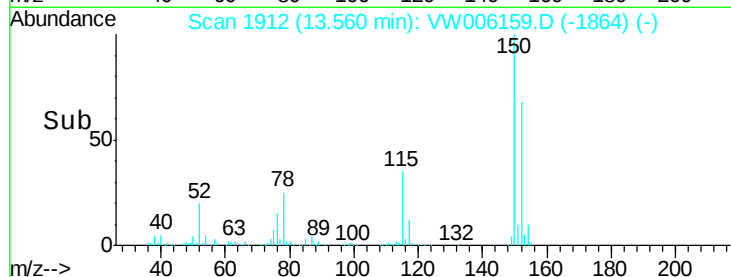
150 155.8 0.0 349.2



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: 66.48 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006159.D

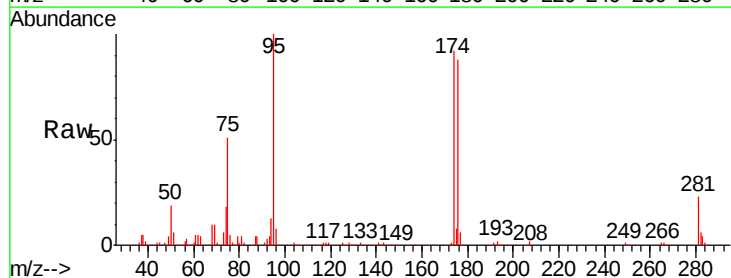
Acq: 18 Oct 2018 07:31

Tgt Ion: 75 Resp: 31395

Ion Ratio Lower Upper

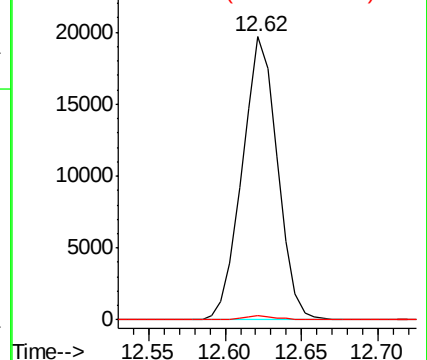
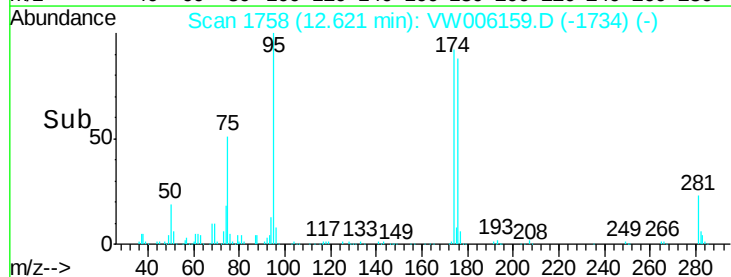
75 100

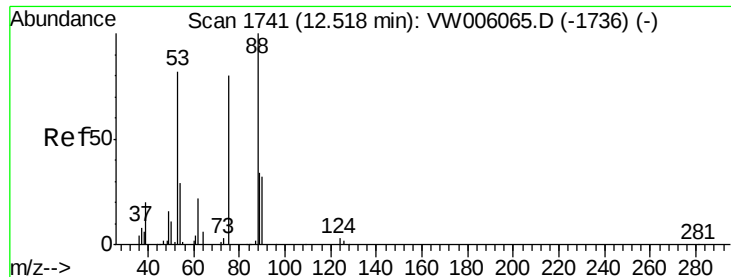
77 1.2 0.0 0.0#



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: 158.90 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006159.D

Acq: 18 Oct 2018 07:31

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-4

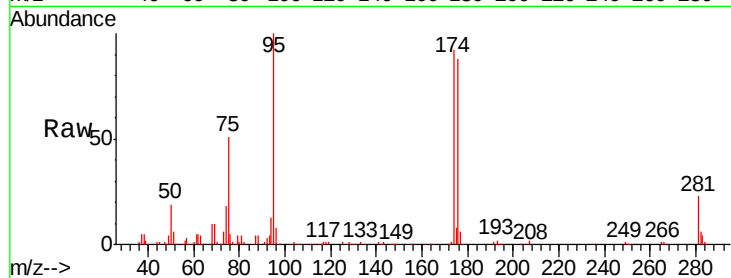
Tgt Ion: 75 Resp: 31395

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

