

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006511.D
 Acq On : 30 Oct 2018 19:18
 Operator : SY/AP
 Sample : J5649-04
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02B

Quant Time: Oct 31 03:50:27 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

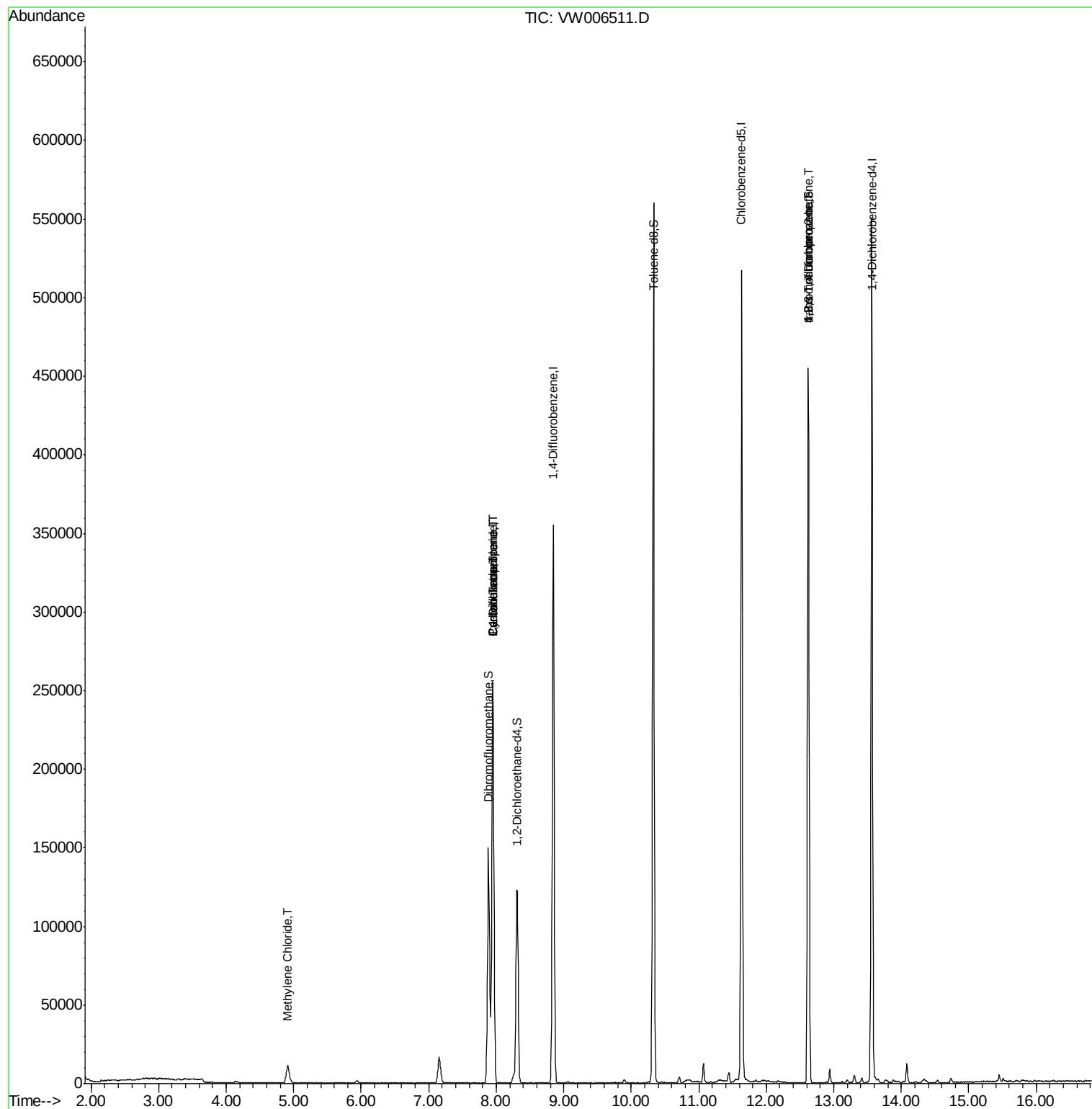
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	319290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100077	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
35) Dibromofluoromethane	7.88	113	102904	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	10.33	98	384455	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.62	95	133682	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
16) Acetone	4.14	43	1811	Below Cal		91
20) Methylene Chloride	4.91	84	9588	3.614 ug/l		91
31) Cyclohexane	7.95	56	3471	1.073 ug/l #		1
36) 1,1-Dichloropropene	7.95	75	13340	4.533 ug/l #		48
38) Carbon Tetrachloride	7.95	117	18284	5.667 ug/l #		16
76) 1,2,3-Trichloropropane	12.62	75	66947	55.199 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	66947	131.949 ug/l #		10

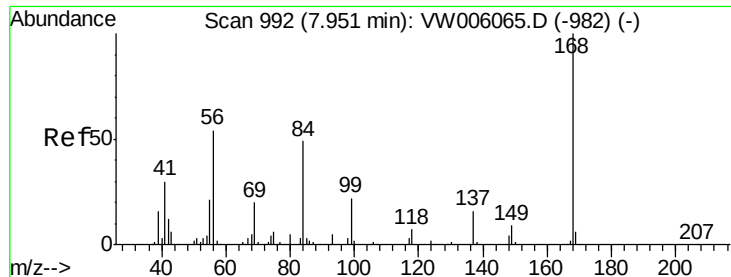
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006511.D
Acq On : 30 Oct 2018 19:18
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MSVOA_W
ClientSampleId :
DL-02B

Quant Time: Oct 31 03:50:27 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: VW006511.D

Acq: 30 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampled :

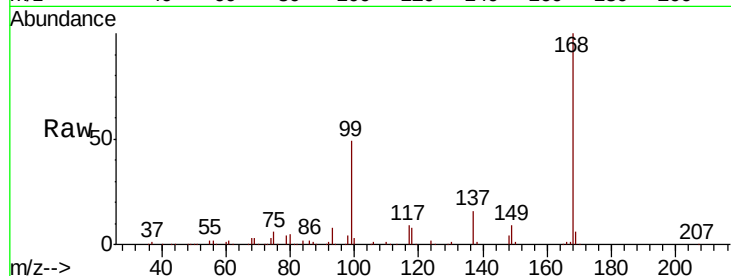
DL-02B

Tot Ion:168 Resp: 213303

Ion Ratio Lower Upper

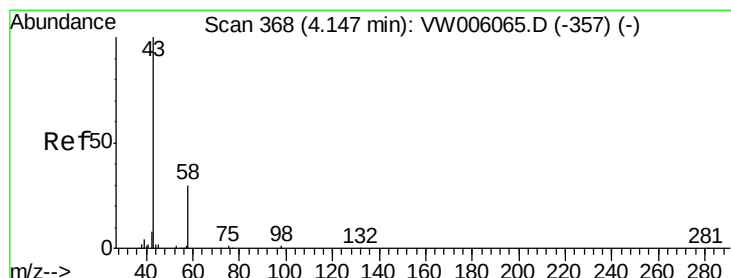
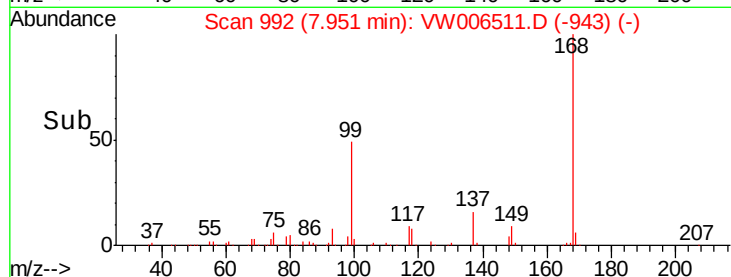
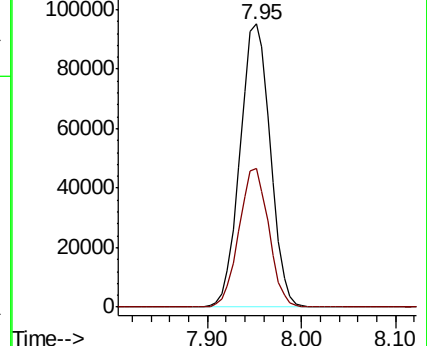
168 100

99 49.1 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# 366

Delta R.T. -0.01 min

Lab File: VW006511.D

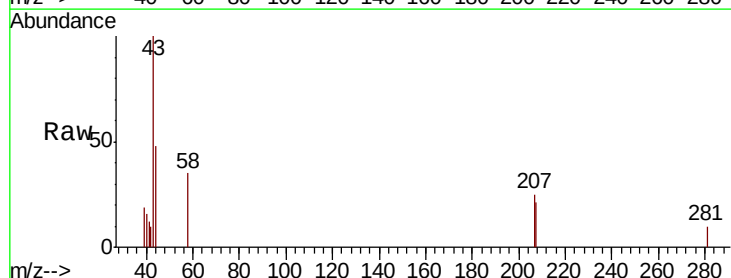
Acq: 30 Oct 2018 19:18

Tgt Ion: 43 Resp: 1811

Ion Ratio Lower Upper

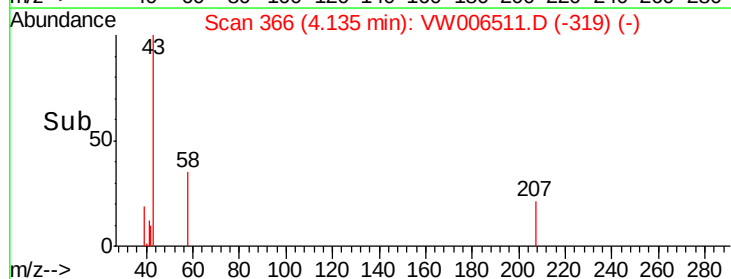
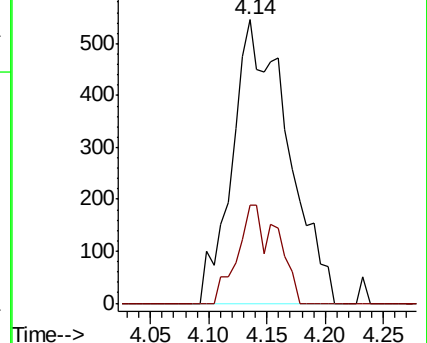
43 100

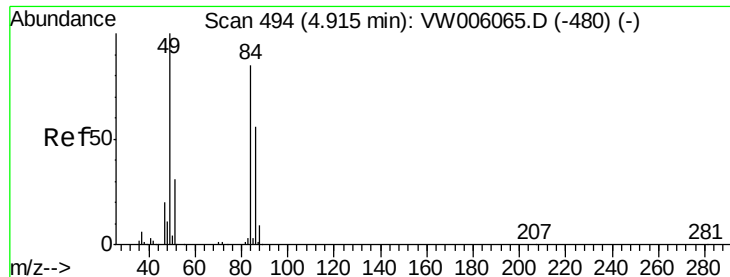
58 34.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.614 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006511.D

Acq: 30 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

DL-02B

Tot Ion: 84 Resp: 9588

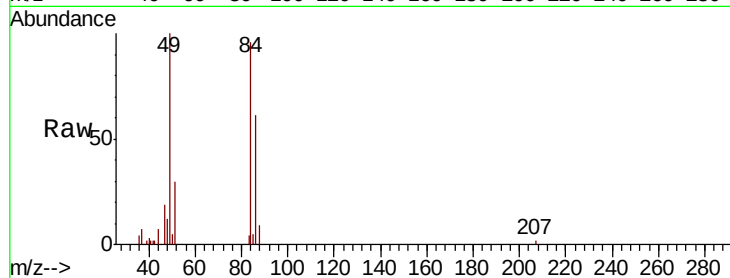
Ion Ratio Lower Upper

84 100

49 103.8 93.6 140.4

51 31.1 29.0 43.4

86 63.0 52.6 79.0

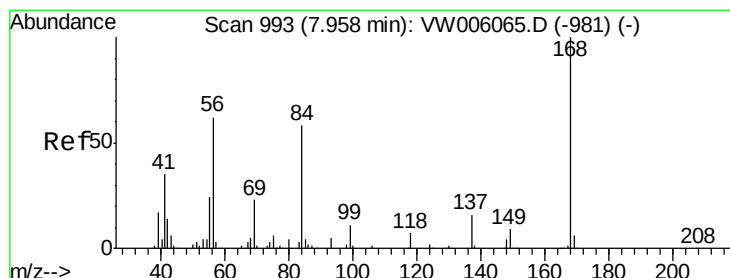
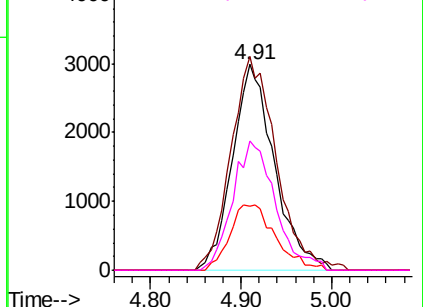
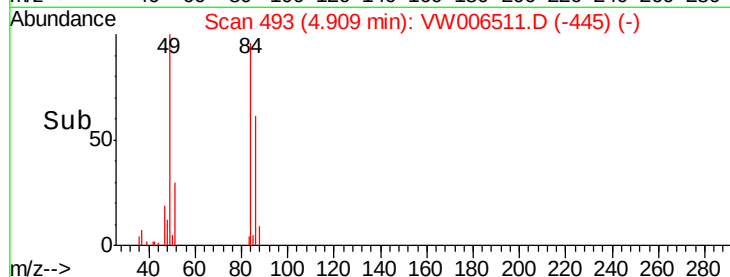


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006511.D

Acq: 30 Oct 2018 19:18

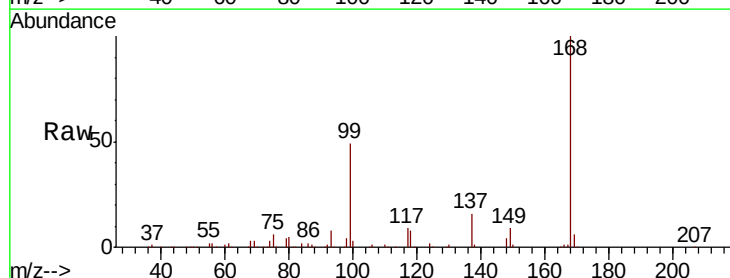
Tgt Ion: 56 Resp: 3471

Ion Ratio Lower Upper

56 100

69 184.0 29.4 44.0#

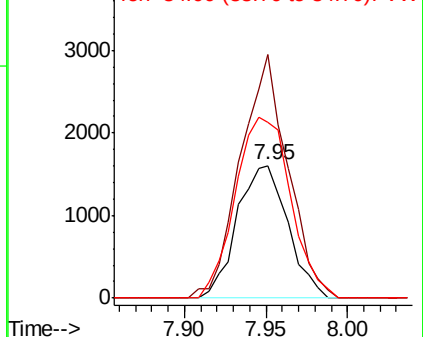
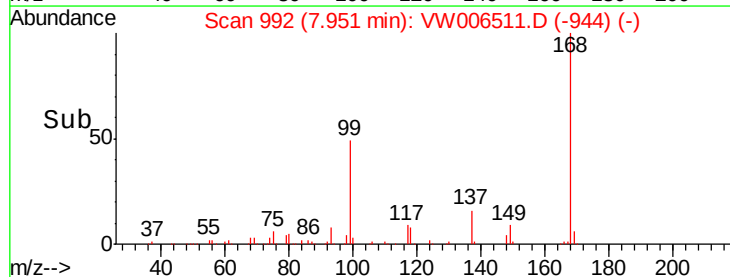
84 132.4 74.0 111.0#

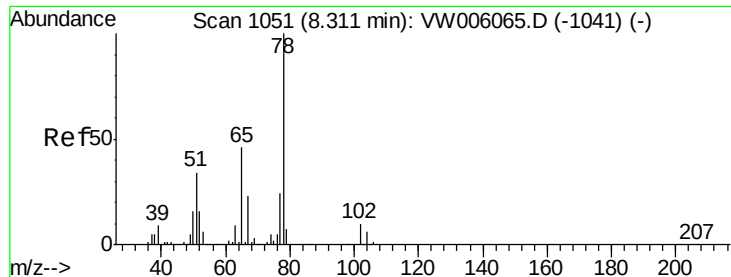


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

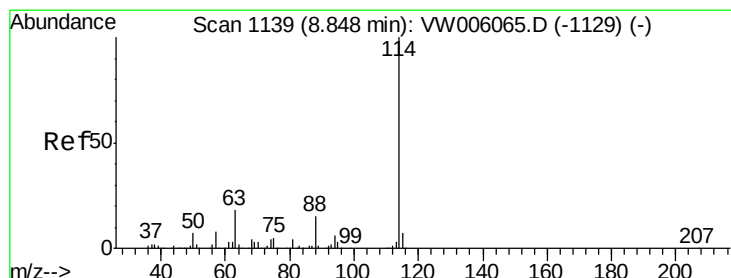
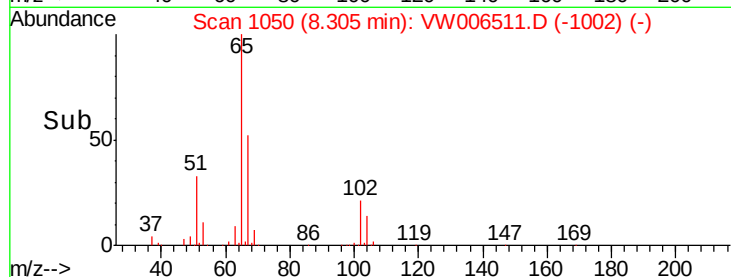
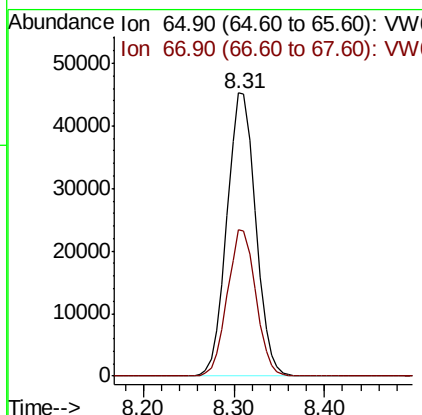
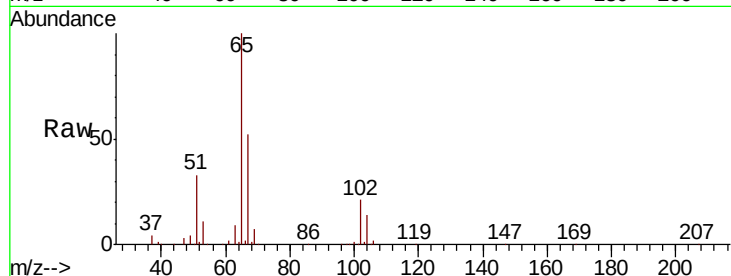




#33
 1,2-Dichloroethane-d4
 Concen: 56.592 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006511.D
 Acq: 30 Oct 2018 19:18

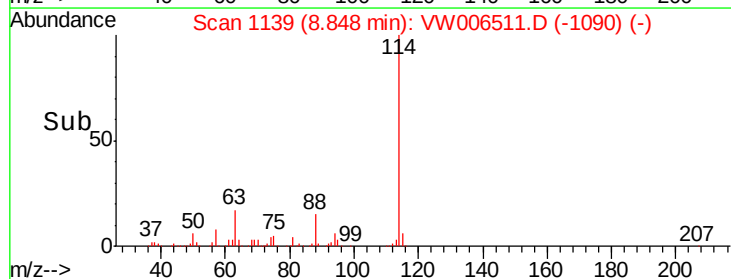
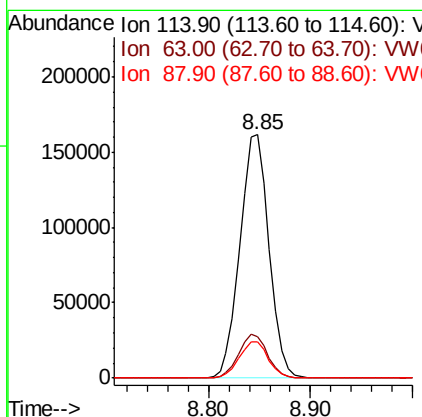
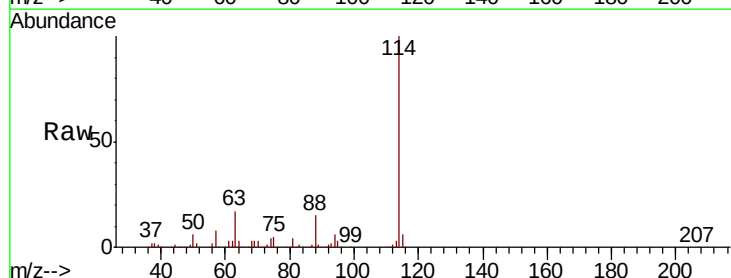
Instrument :
 MSVOA_W
 ClientSampleID :
 DL-02B

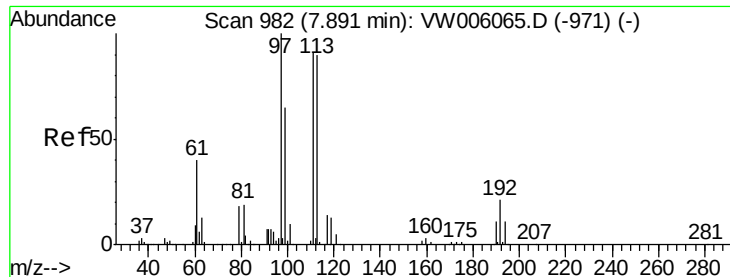
Tot Ion: 65 Resp: 100077
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006511.D
 Acq: 30 Oct 2018 19:18

Tgt Ion: 114 Resp: 319290
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.8
 88 14.7 0.0 29.0

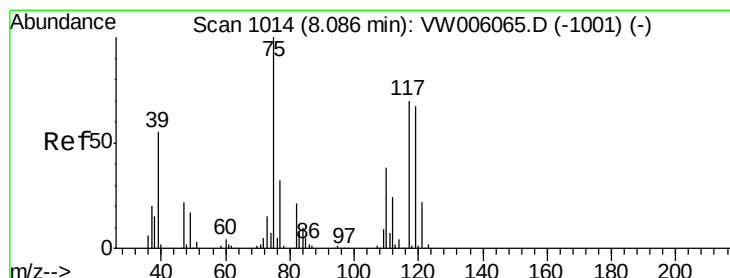
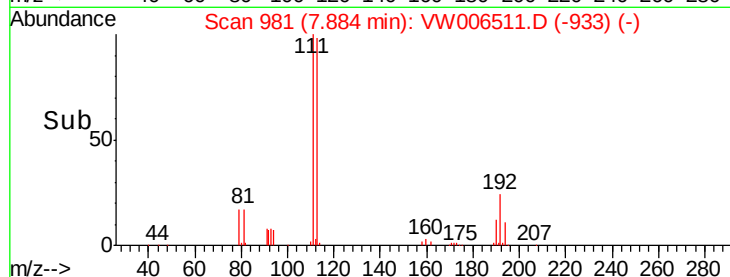
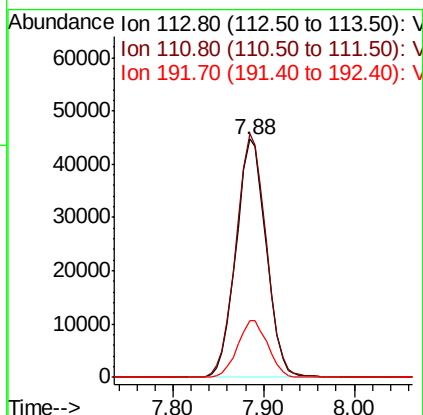
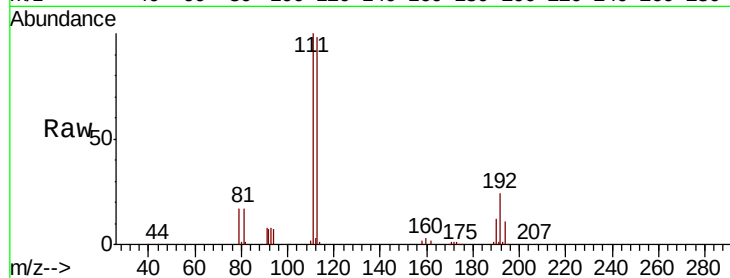




#35
 Dibromofluoromethane
 Concen: 54.543 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006511.D
 Acq: 30 Oct 2018 19:18

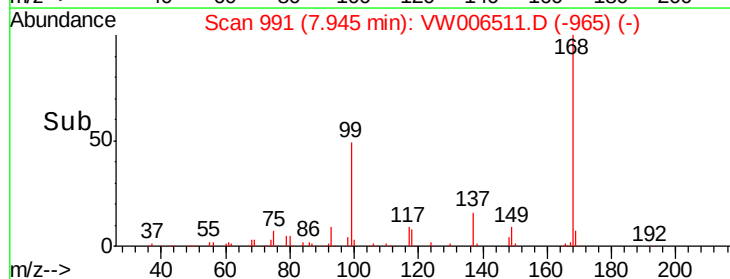
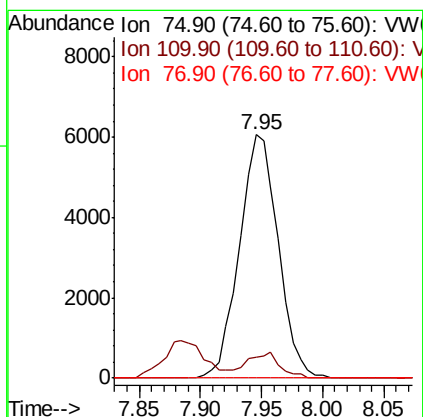
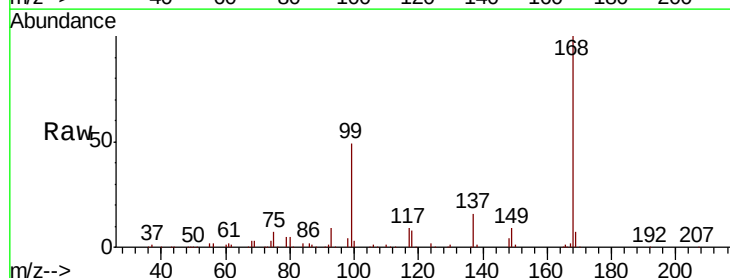
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02B

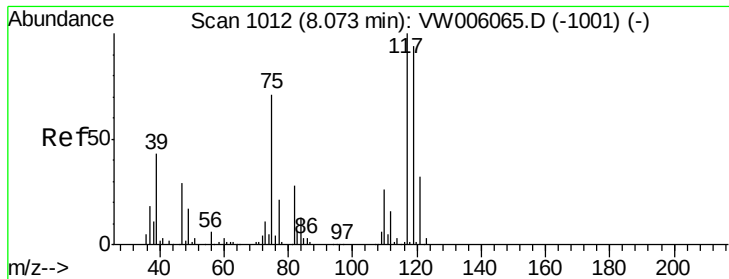
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.0	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.533 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006511.D
 Acq: 30 Oct 2018 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.1	57.1#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.667 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006511.D

Acq: 30 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

DL-02B

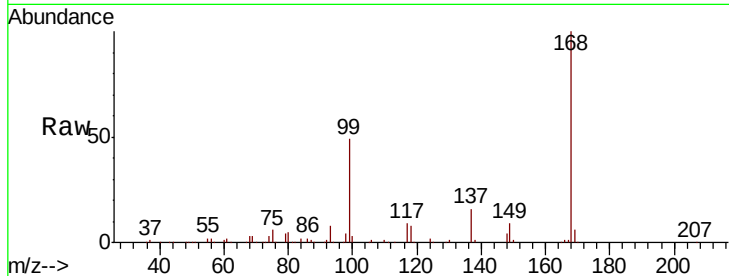
Tot Ion:117 Resp: 18284

Ion Ratio Lower Upper

117 100

119 4.6 75.2 112.8#

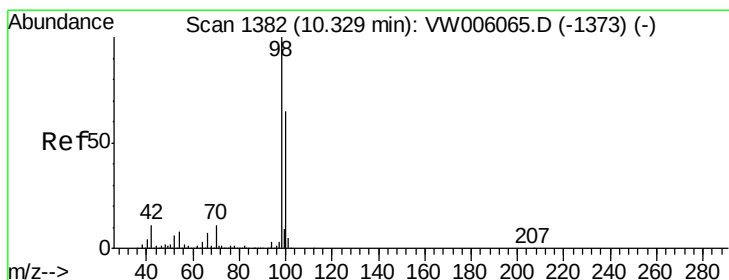
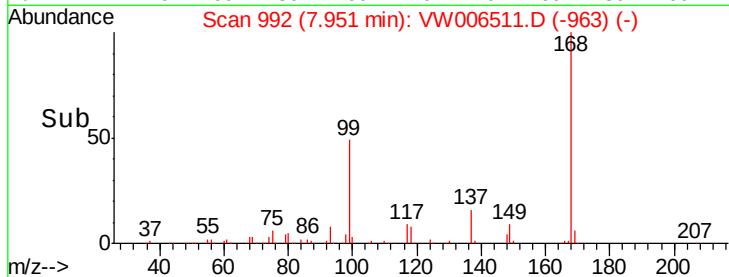
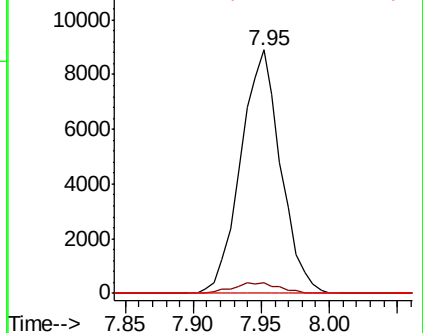
121 0.0 25.3 37.9#



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: 53.561 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006511.D

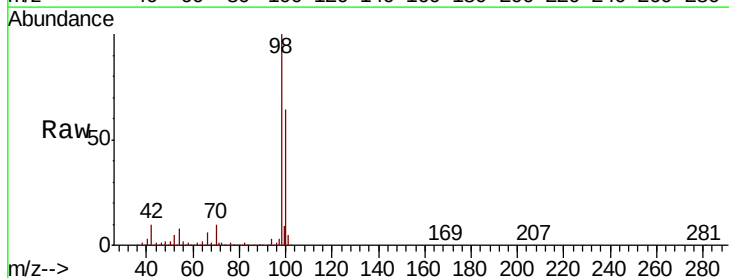
Acq: 30 Oct 2018 19:18

Tgt Ion: 98 Resp: 384455

Ion Ratio Lower Upper

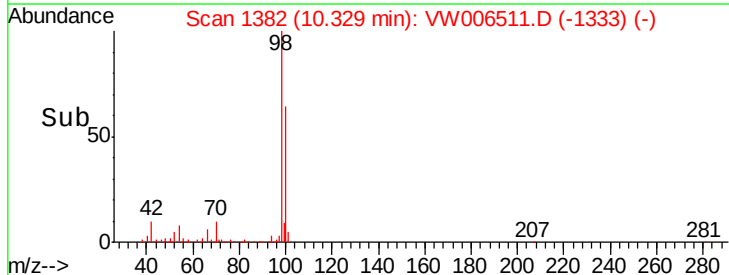
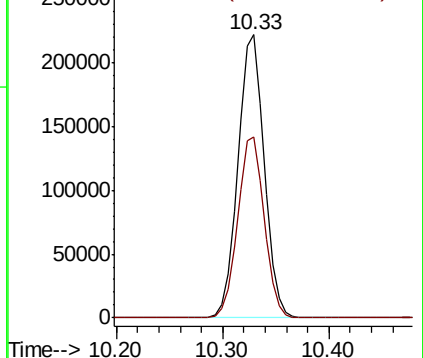
98 100

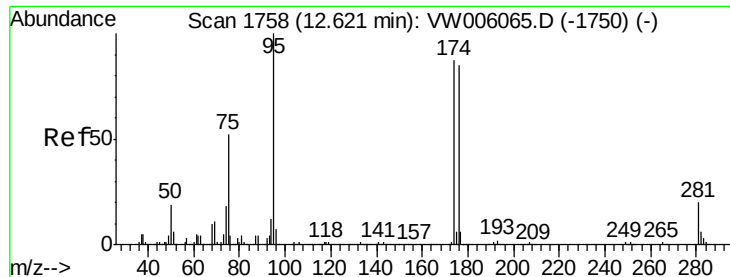
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.587 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006511.D

Acq: 30 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampled :

DL-02B

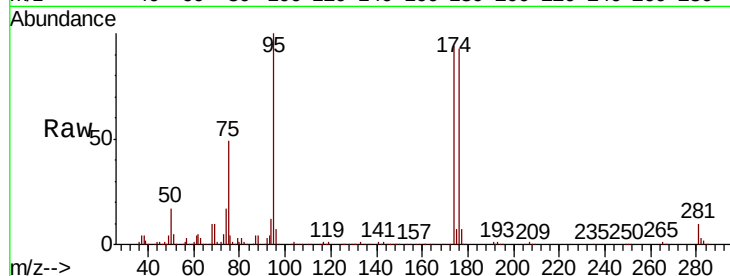
Tot Ion: 95 Resp: 133682

Ion Ratio Lower Upper

95 100

174 98.9 0.0 186.0

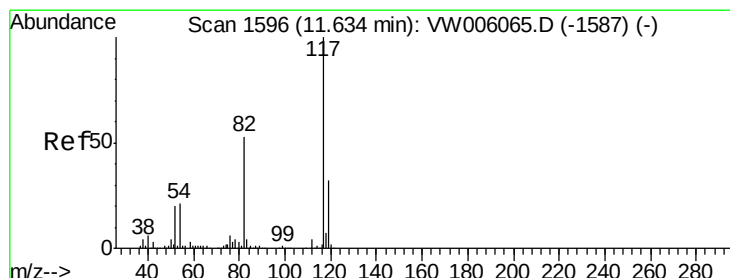
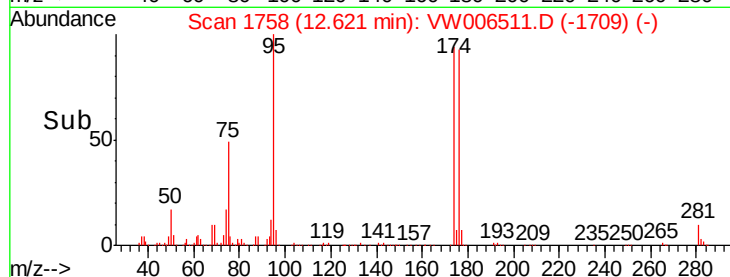
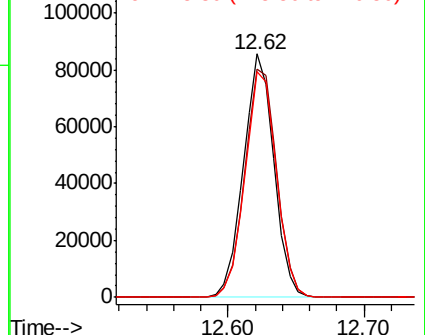
176 96.0 0.0 181.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006511.D

Acq: 30 Oct 2018 19:18

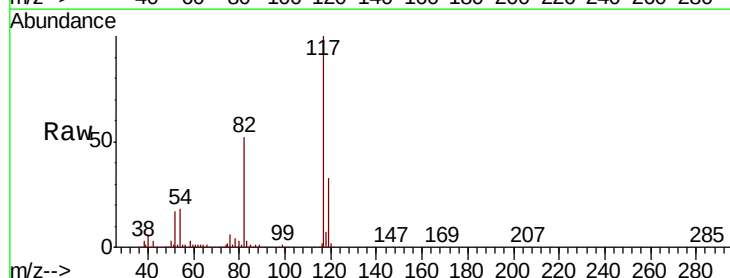
Tgt Ion: 117 Resp: 295859

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

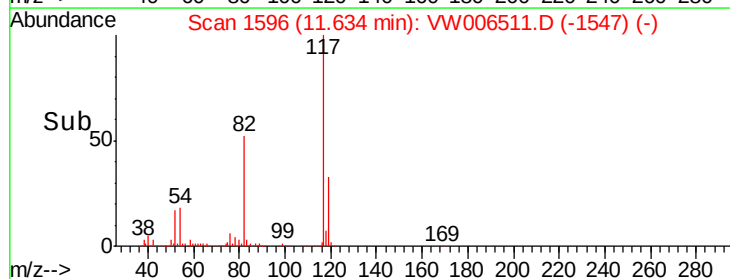
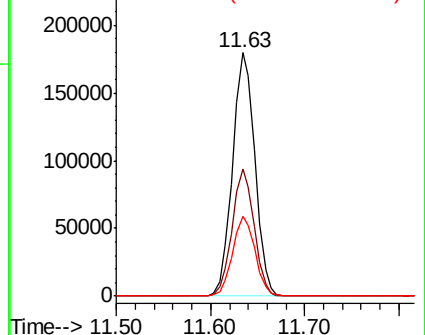
119 32.8 25.8 38.6

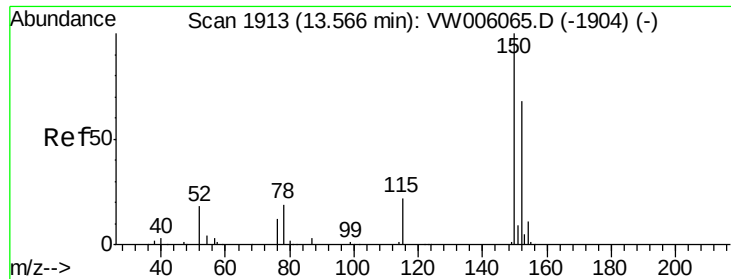


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



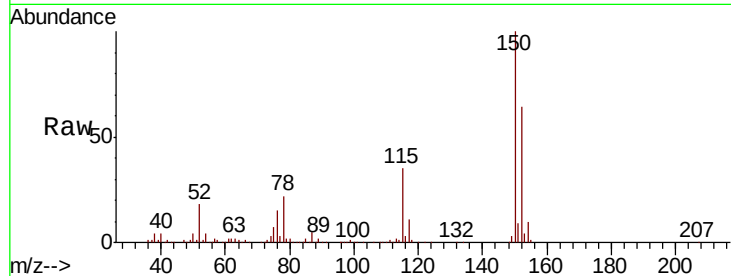


#72

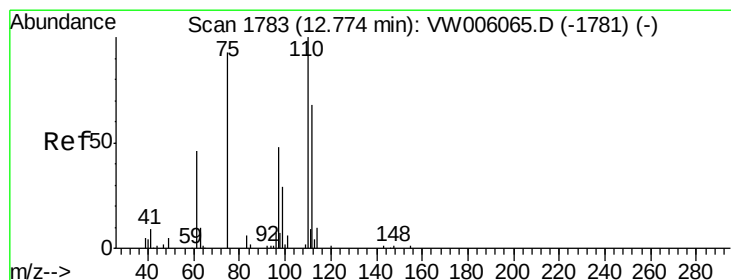
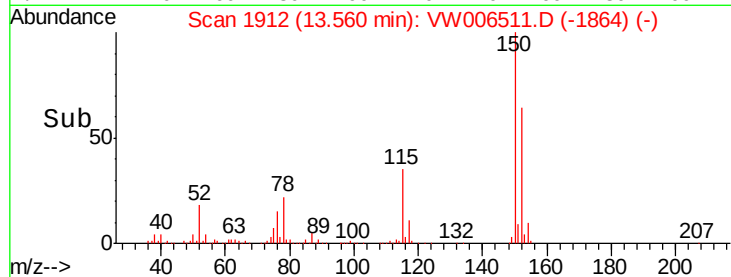
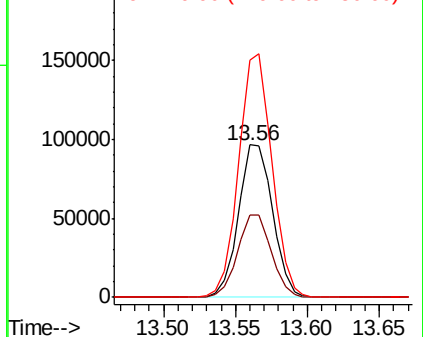
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006511.D
Acq: 30 Oct 2018 19:18

Instrument :
MSVOA_W
ClientSampled :
DL-02B

Tot Ion:152 Resp: 158787
Ion Ratio Lower Upper
152 100
115 53.6 27.8 83.3
150 155.5 0.0 349.2



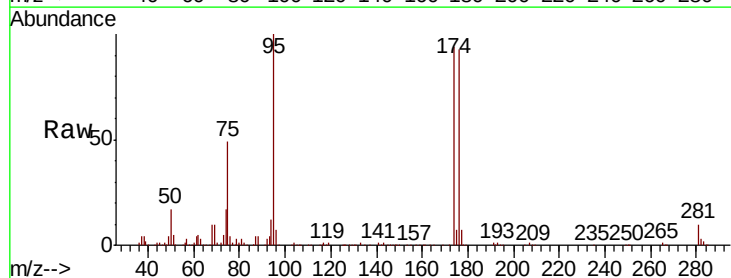
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



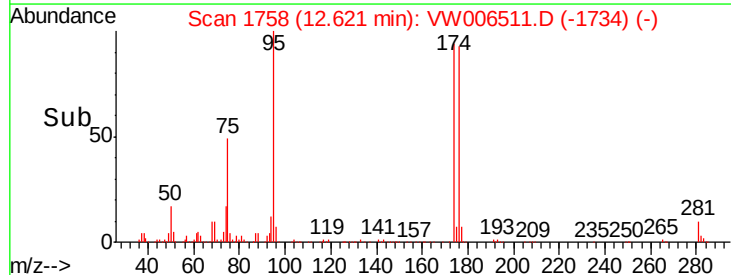
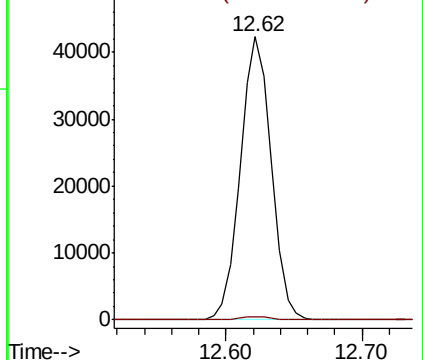
#76

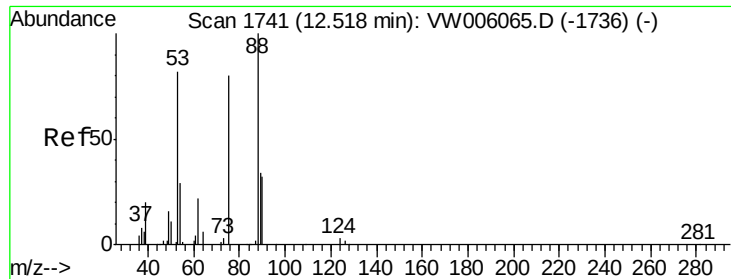
1,2,3-Trichloropropane
Concen: 55.199 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006511.D
Acq: 30 Oct 2018 19:18

Tgt Ion: 75 Resp: 66947
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: 131.949 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006511.D

Acq: 30 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

DL-02B

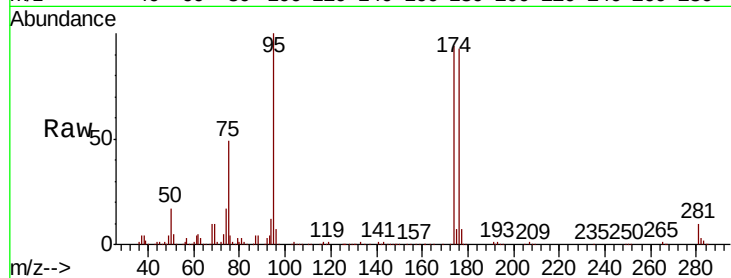
Tot Ion: 75 Resp: 66947

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

