

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006437.D
 Acq On : 27 Oct 2018 07:25
 Operator : SY/AP
 Sample : J5621-03RE
 Misc : 5.5G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

Quant Time: Oct 29 04:04:43 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

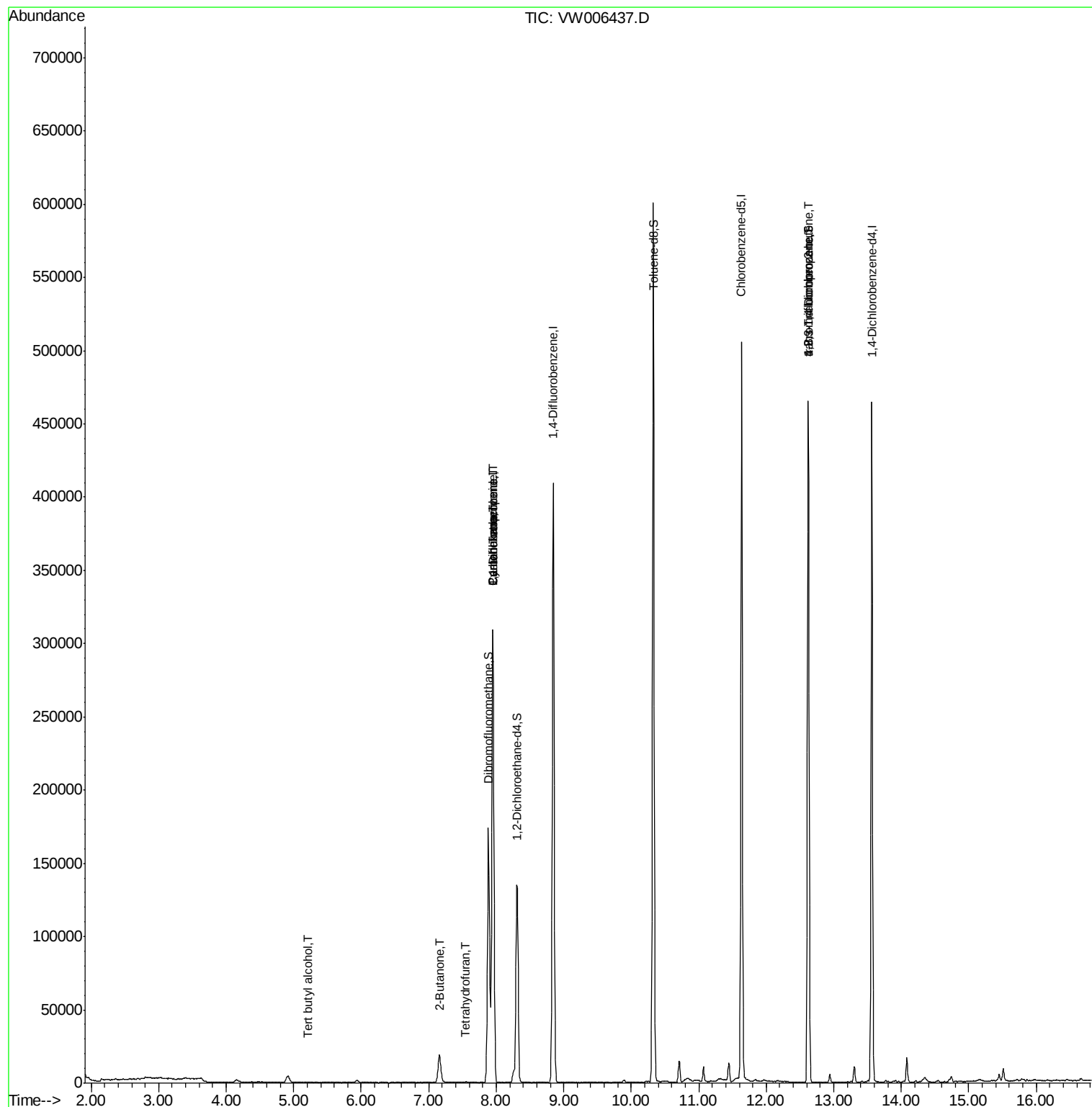
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	133382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109822	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
35) Dibromofluoromethane	7.88	113	120736	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
50) Toluene-d8	10.32	98	417995	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.62	95	131540	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	145	1.000	ug/l #	71
16) Acetone	4.15	43	4172	Below Cal		91
25) 2-Butanone	7.17	43	1054	1.810	ug/l #	46
29) Tetrahydrofuran	7.54	42	402	1.123	ug/l #	35
31) Cyclohexane	7.95	56	4193	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16564	4.843	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22860	6.097	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	66876	65.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66876	156.914	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102918\
Data File : VW006437.D
Acq On : 27 Oct 2018 07:25
Operator : SY/AP
Sample : J5621-03RE
Misc : 5.5G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SA-SED-01

Quant Time: Oct 29 04:04:43 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: VW006437.D

Acq: 27 Oct 2018 07:25

Instrument :

MSVOA_W

ClientSampleId :

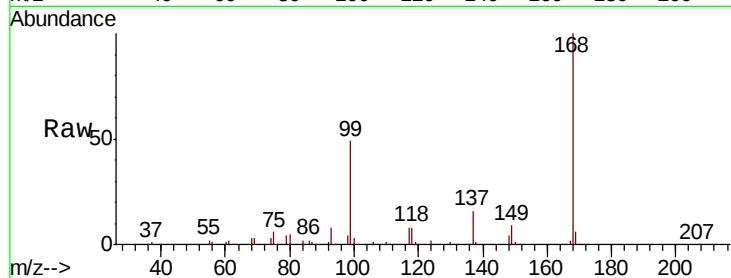
SA-SED-01

Tot Ion:168 Resp: 260015

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

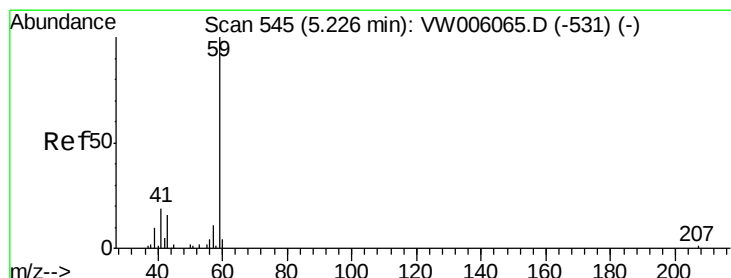
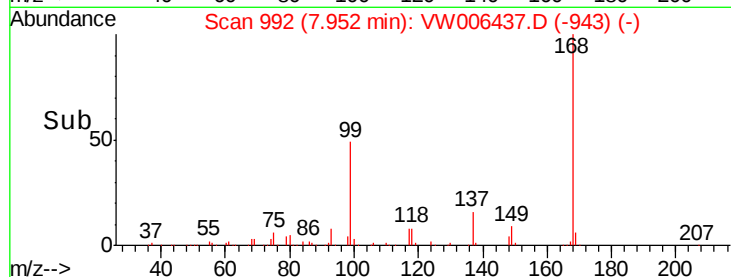
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.000 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.02 min

Lab File: VW006437.D

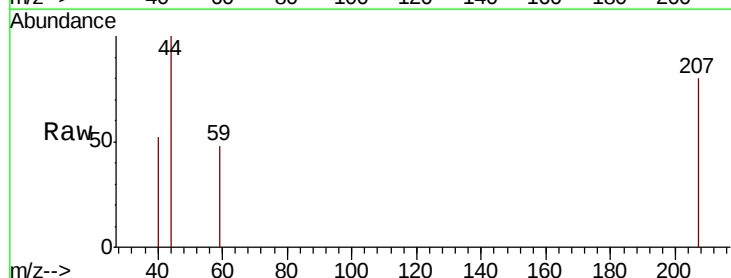
Acq: 27 Oct 2018 07:25

Tgt Ion: 59 Resp: 145

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

120

100

80

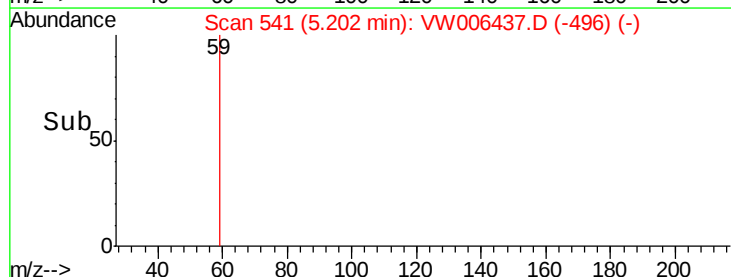
60

40

20

0

Time--> 5.18 5.20 5.22





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006437.D

Acq: 27 Oct 2018 07:25

Instrument :

MSVOA_W

ClientSampled :

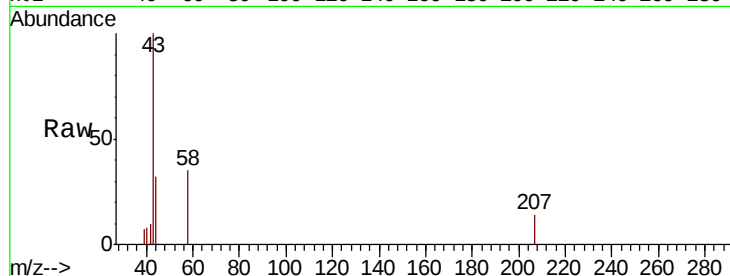
SA-SED-01

Tot Ion: 43 Resp: 4172

Ion Ratio Lower Upper

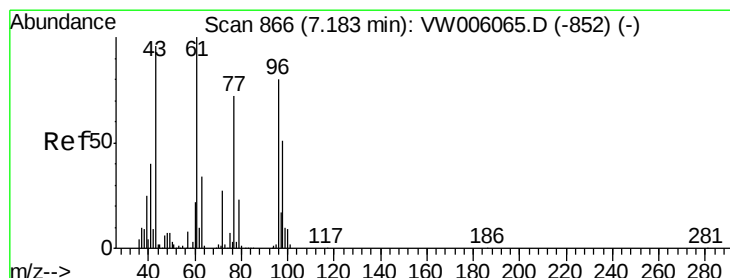
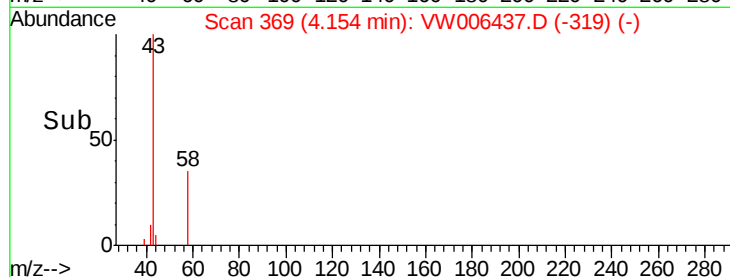
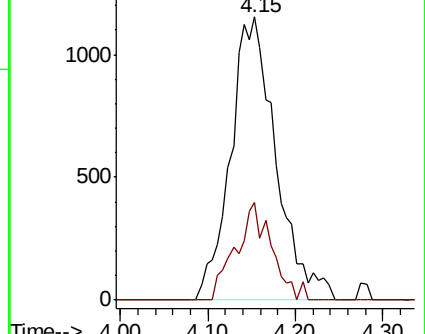
43 100

58 34.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.810 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.02 min

Lab File: VW006437.D

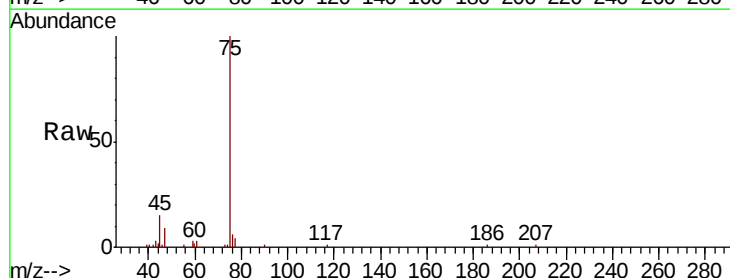
Acq: 27 Oct 2018 07:25

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

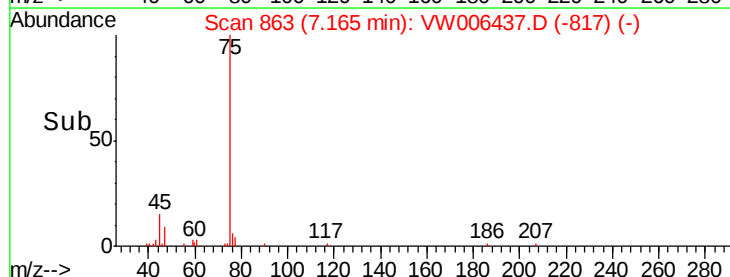
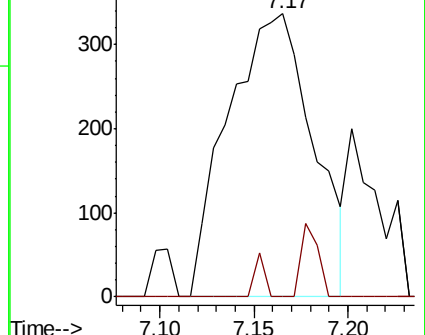
43 100

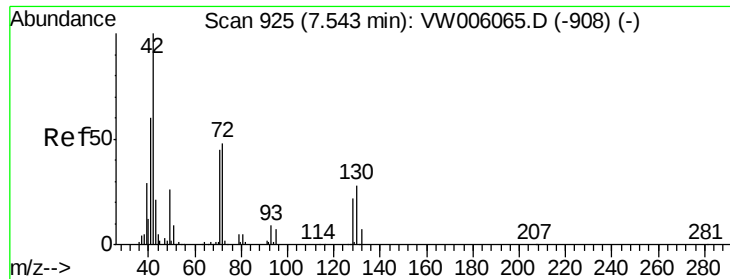
72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

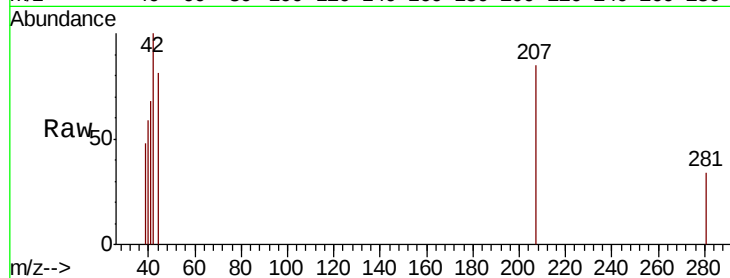




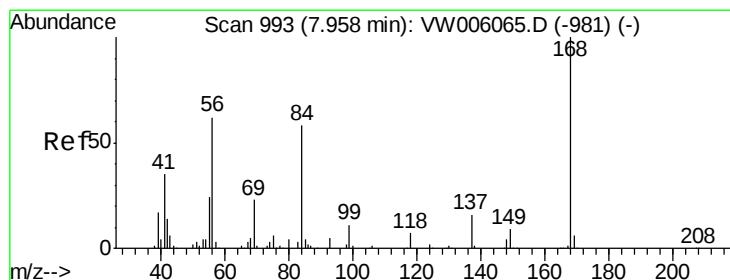
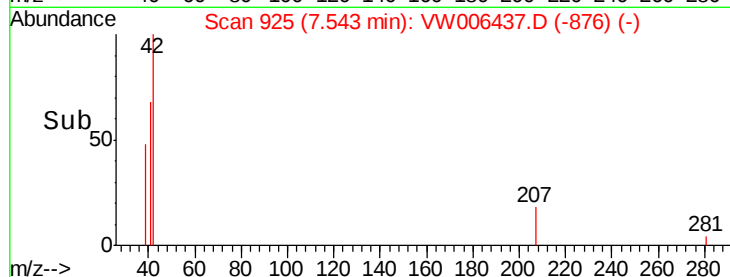
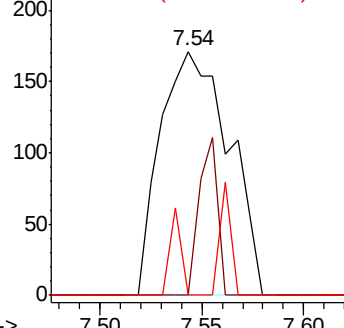
#29
Tetrahydrofuran
Concen: 1.123 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006437.D
Acq: 27 Oct 2018 07:25

Instrument :
MSVOA_W
ClientSampleId :
SA-SED-01

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.0	57.0#
71	5.5	35.3	52.9#

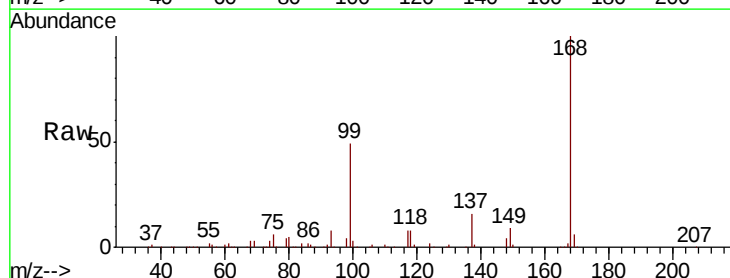


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

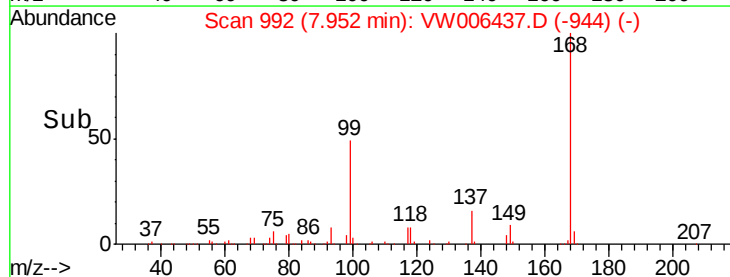
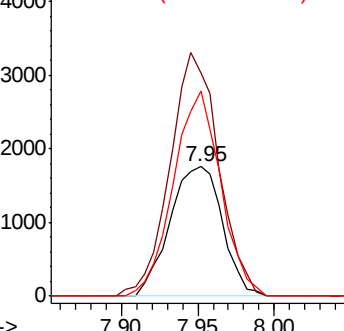


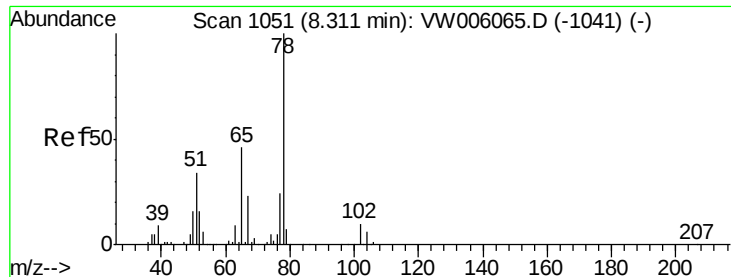
#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006437.D
Acq: 27 Oct 2018 07:25

Tgt Ion	Ratio	Lower	Upper
56	100		
69	172.6	29.4	44.0#
84	159.1	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

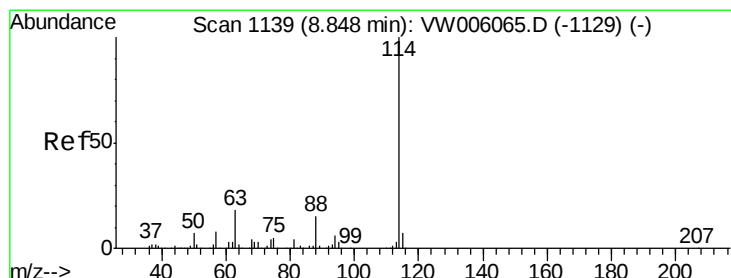
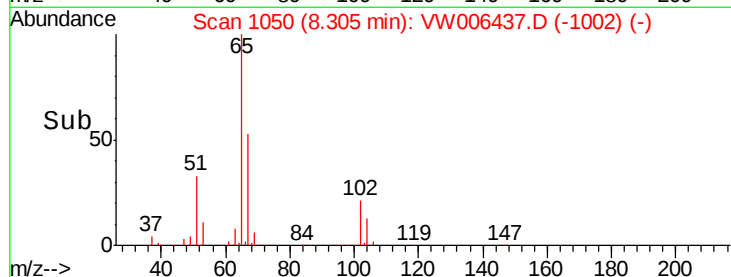
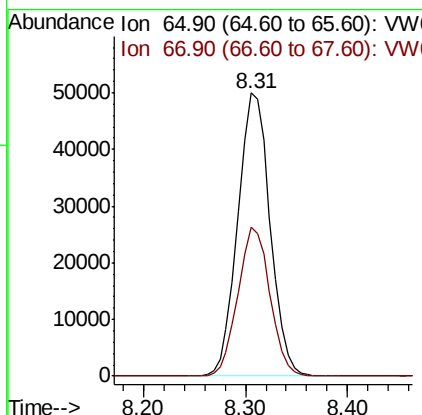
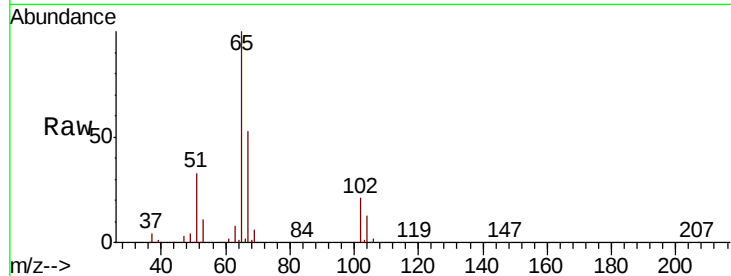




#33
 1,2-Dichloroethane-d4
 Concen: 50.946 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006437.D
 Acq: 27 Oct 2018 07:25

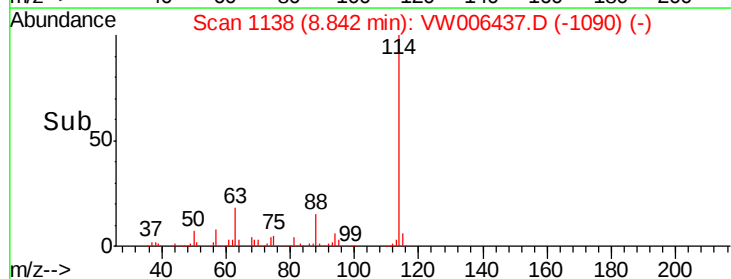
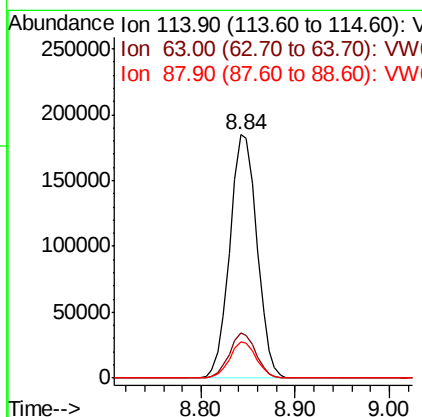
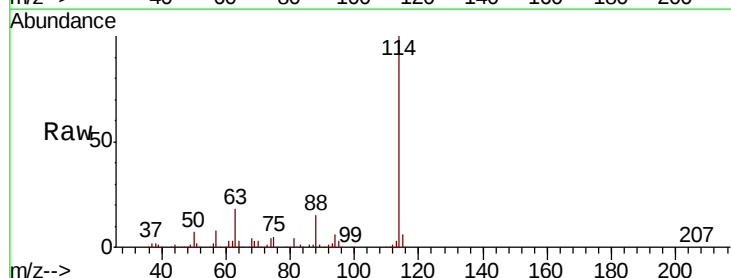
Instrument :
 MSVOA_W
 ClientSampled :
 SA-SED-01

Tot Ion: 65 Resp: 109822
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VW006437.D
 Acq: 27 Oct 2018 07:25

Tgt Ion: 114 Resp: 371083
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0

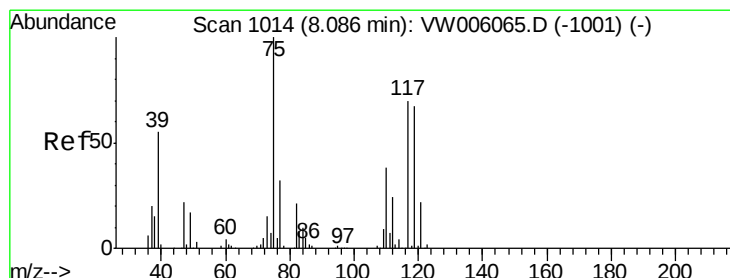
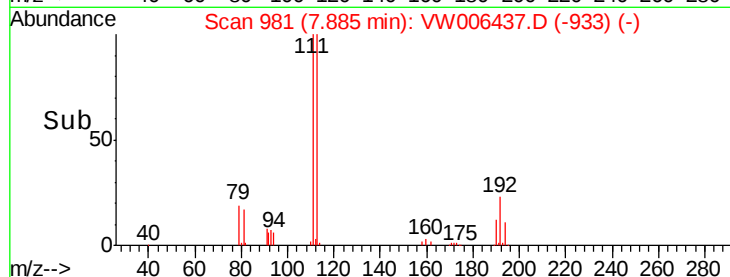
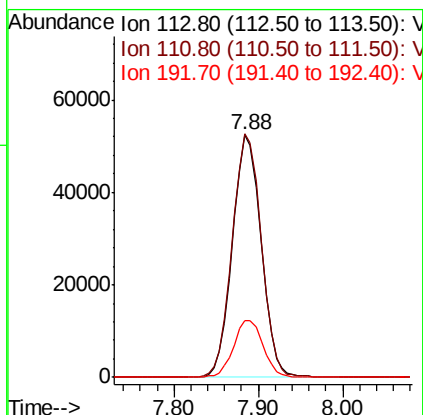
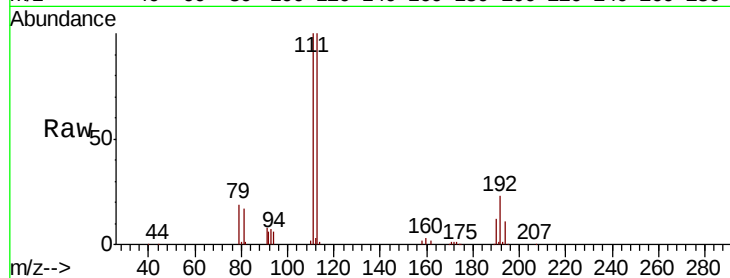




#35
 Dibromofluoromethane
 Concen: 55.062 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006437.D
 Acq: 27 Oct 2018 07:25

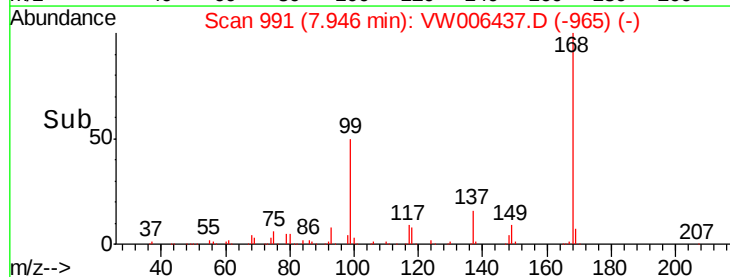
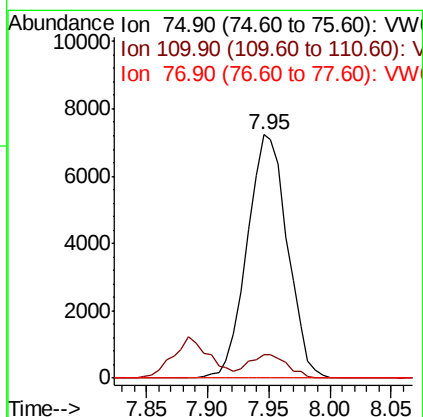
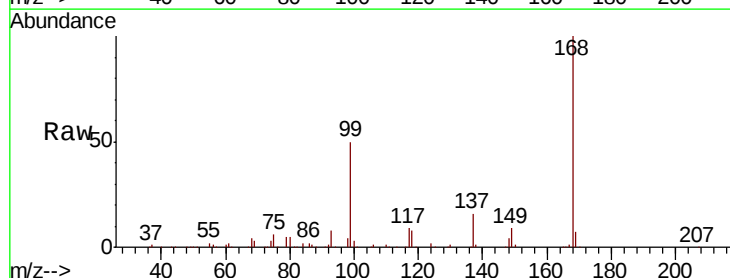
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

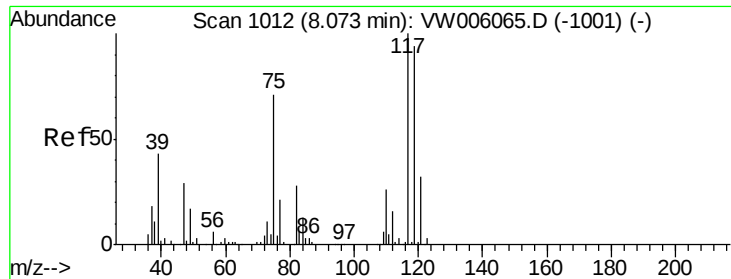
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.0	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.843 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006437.D
 Acq: 27 Oct 2018 07:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.1	57.1#
77	0.0	25.0	37.4#

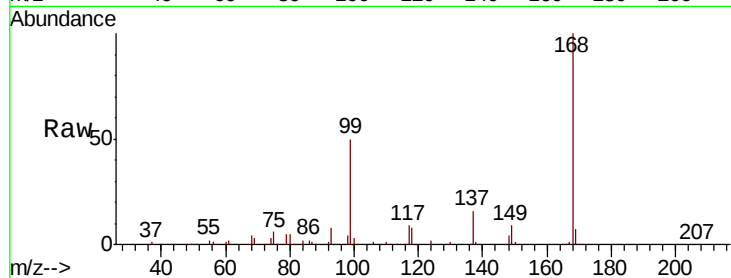




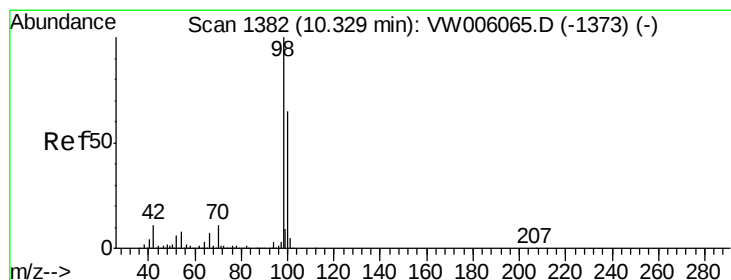
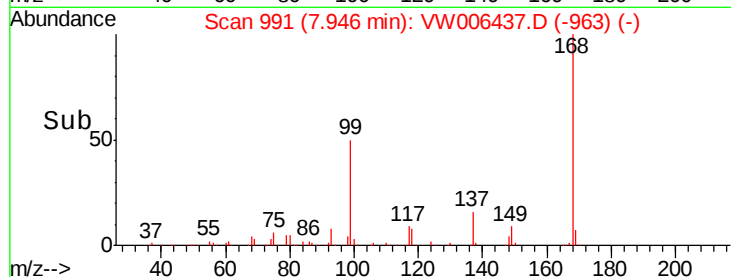
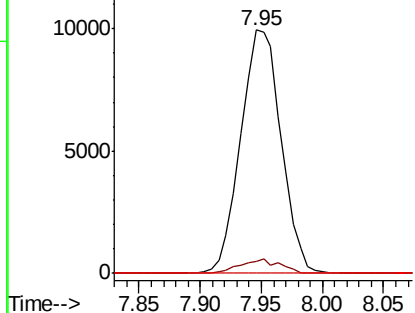
#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006437.D
Acq: 27 Oct 2018 07:25

Instrument :
MSVOA_W
ClientSampleId :
SA-SED-01

Tot Ion:117 Resp: 22860
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 25.3 37.9#

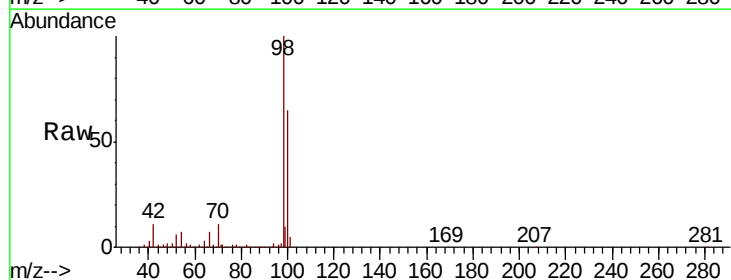


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

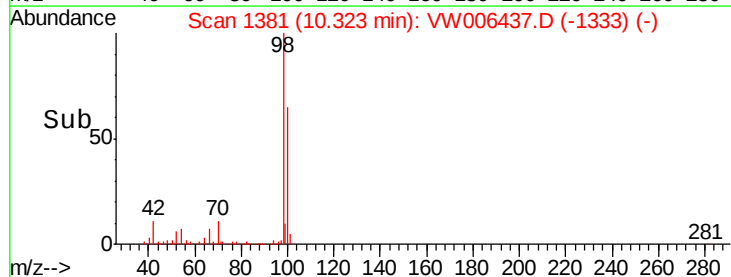
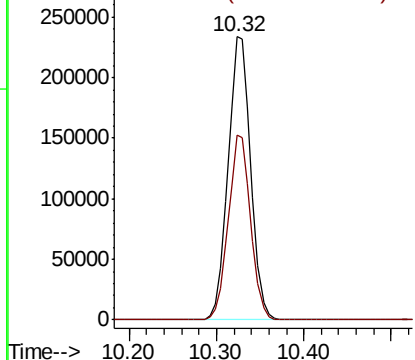


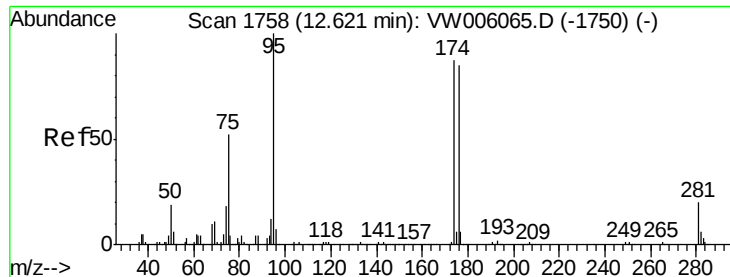
#50
Toluene-d8
Concen: 50.106 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006437.D
Acq: 27 Oct 2018 07:25

Tgt Ion: 98 Resp: 417995
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.982 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006437.D

Acq: 27 Oct 2018 07:25

Instrument :

MSVOA_W

ClientSampled :

SA-SED-01

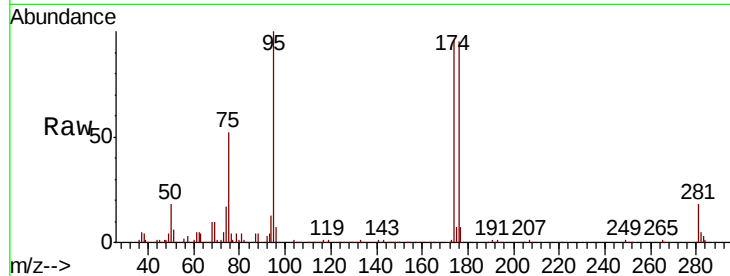
Tot Ion: 95 Resp: 131540

Ion Ratio Lower Upper

95 100

174 97.3 0.0 186.0

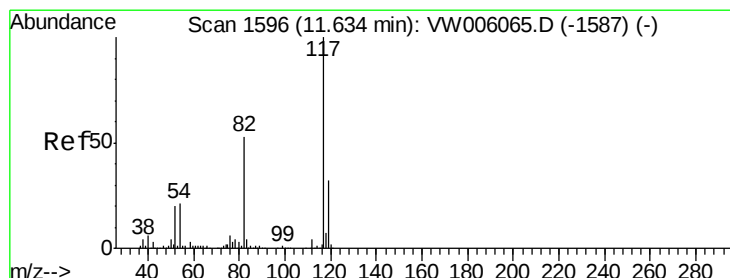
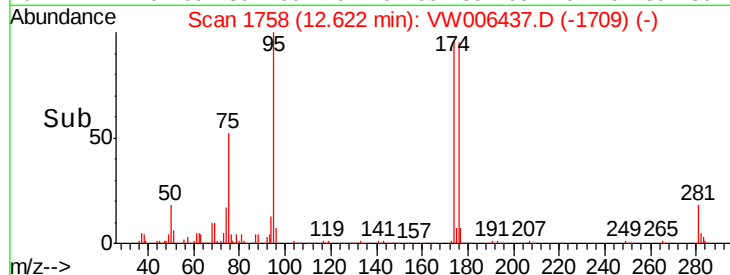
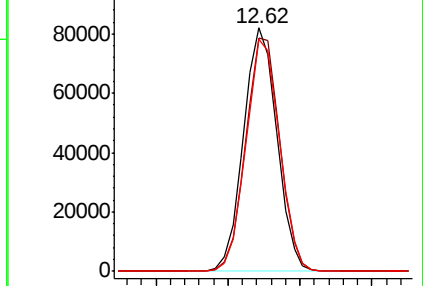
176 95.4 0.0 181.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006437.D

Acq: 27 Oct 2018 07:25

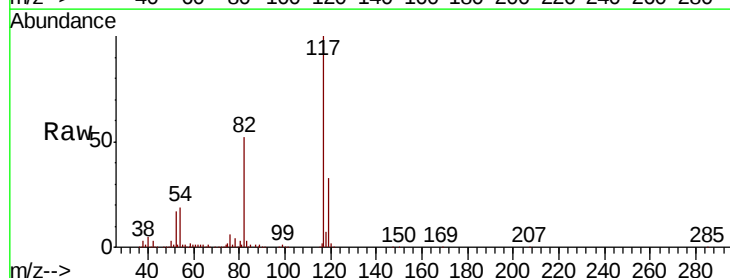
Tgt Ion: 117 Resp: 291423

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

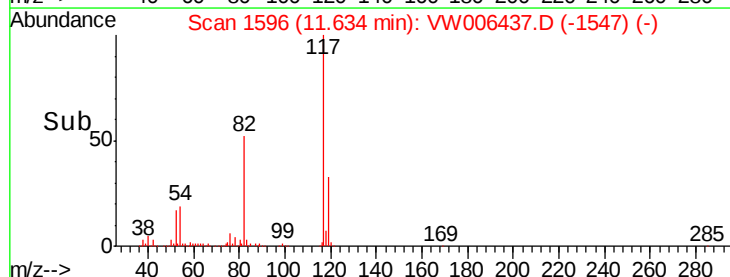
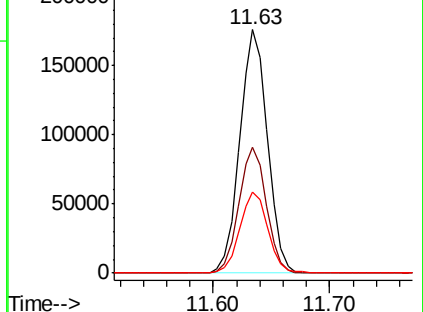
119 32.8 25.8 38.6

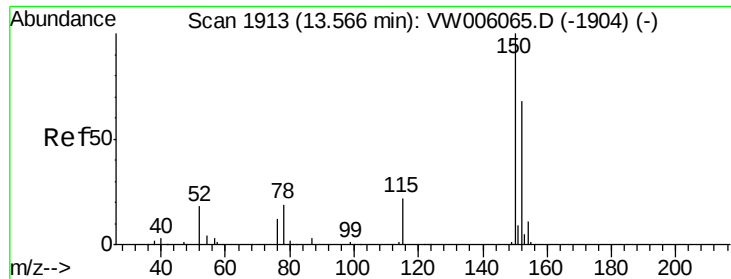


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006437.D

Acq: 27 Oct 2018 07:25

Instrument :

MSVOA_W

ClientSampleId :

SA-SED-01

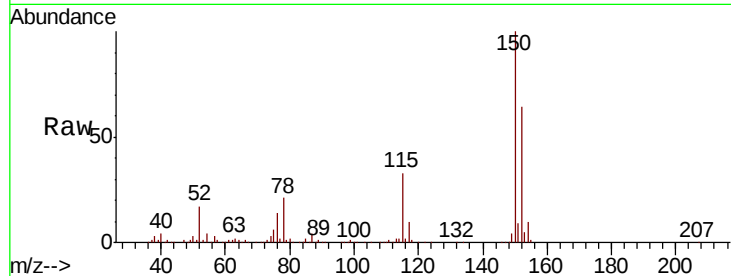
Tot Ion:152 Resp: 133382

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.3

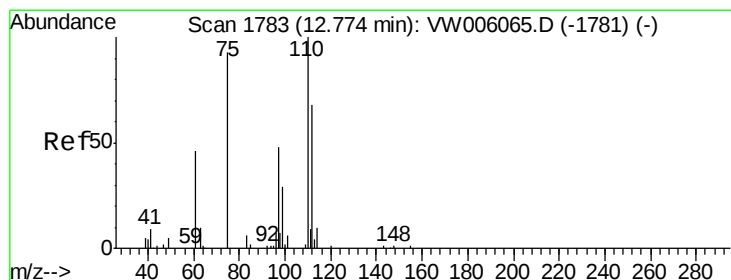
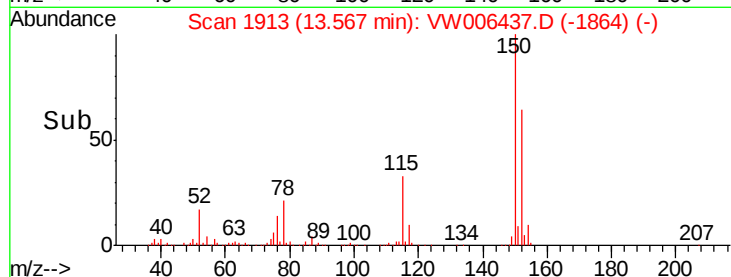
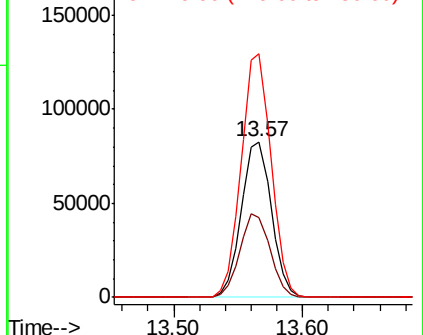
150 155.6 0.0 349.2



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: 65.643 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006437.D

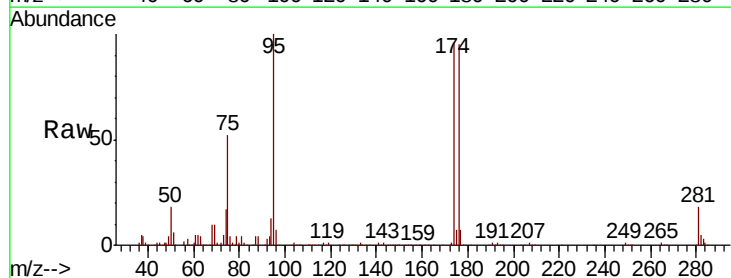
Acq: 27 Oct 2018 07:25

Tgt Ion: 75 Resp: 66876

Ion Ratio Lower Upper

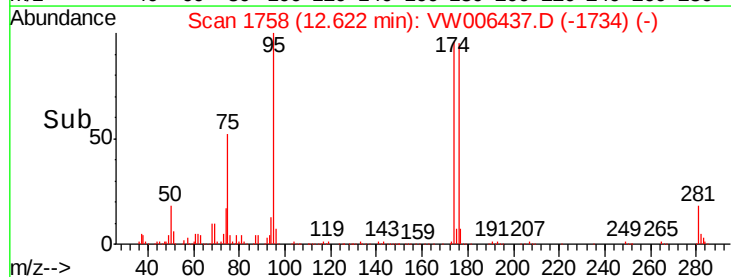
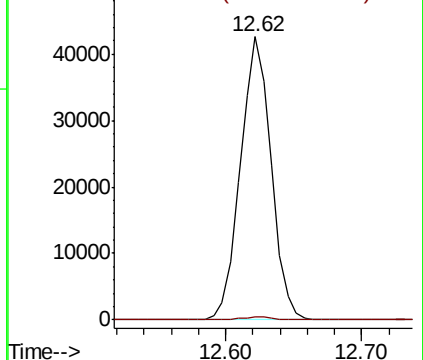
75 100

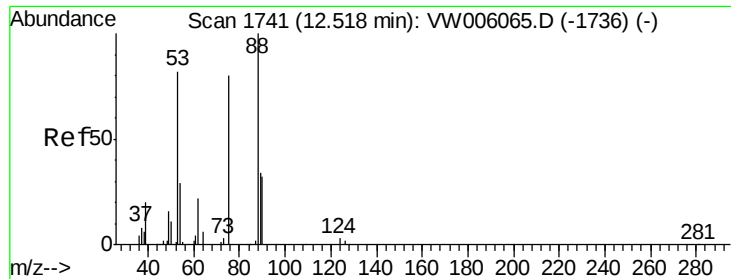
77 1.1 0.0 0.0#



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: 156.914 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006437.D

Acq: 27 Oct 2018 07:25

Instrument :

MSVOA_W

ClientSampleId :

SA-SED-01

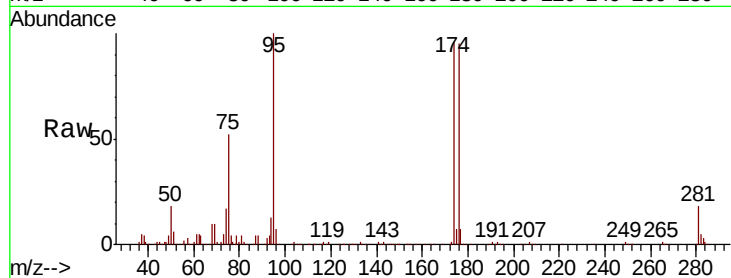
Tot Ion: 75 Resp: 66876

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 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

