

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006086.D
 Acq On : 16 Oct 2018 18:27
 Operator : VA/AP
 Sample : J5526-08
 Misc : 6.75G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-8

Quant Time: Oct 17 01:21:49 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

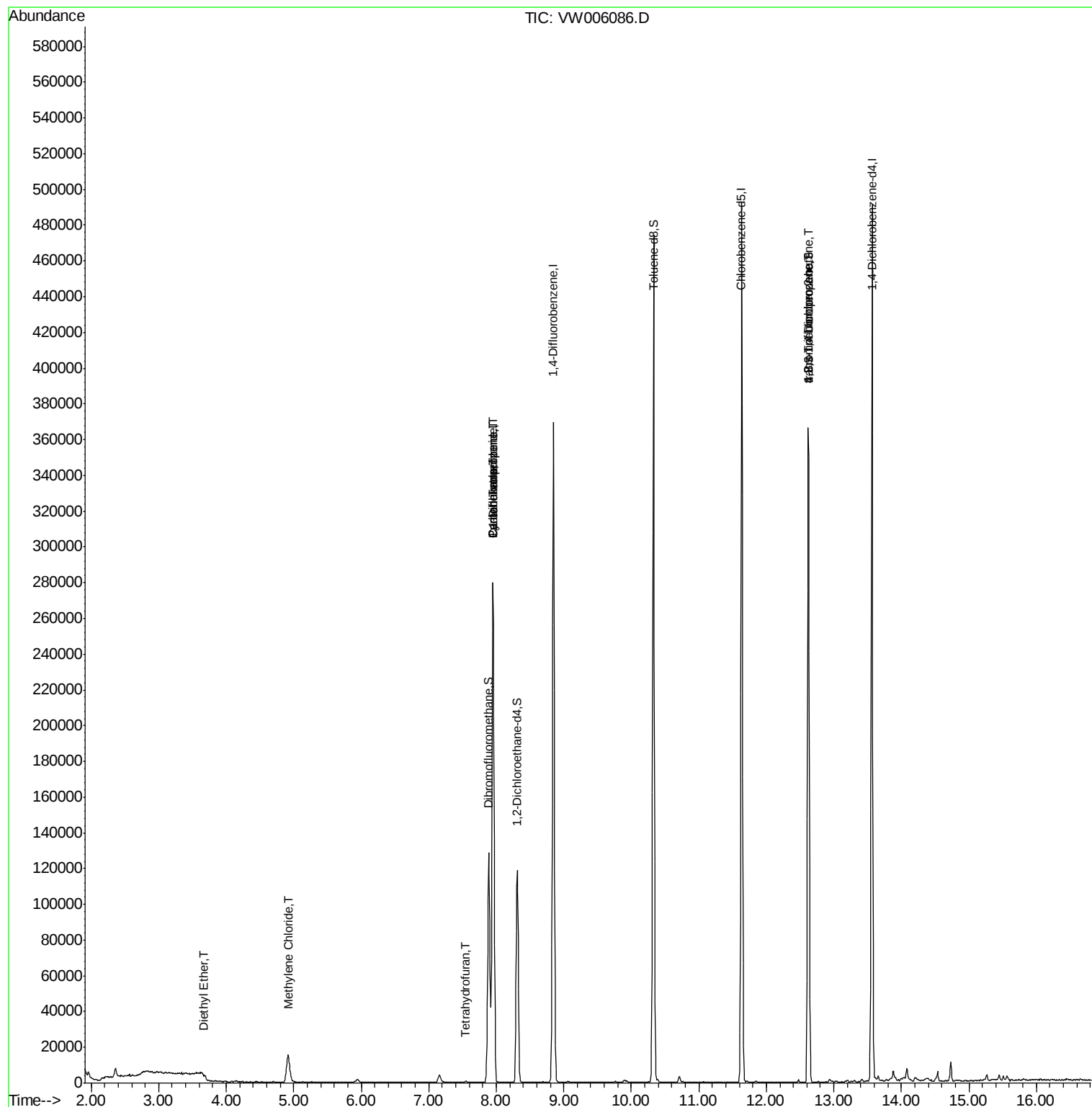
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	133775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	94655	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.89	113	89575	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	10.33	98	322175	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.62	95	111406	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
Target Compounds						
8) Diethyl Ether	3.68	74	1367	1.354	ug/l #	34
16) Acetone	4.15	43	988	Below Cal		99
20) Methylene Chloride	4.92	84	12938	5.116	ug/l	99
29) Tetrahydrofuran	7.54	42	349	1.131	ug/l #	46
31) Cyclohexane	7.95	56	4319	1.270	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	14862	4.939	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19951	6.048	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57133	55.915	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57133	133.660	ug/l #	10

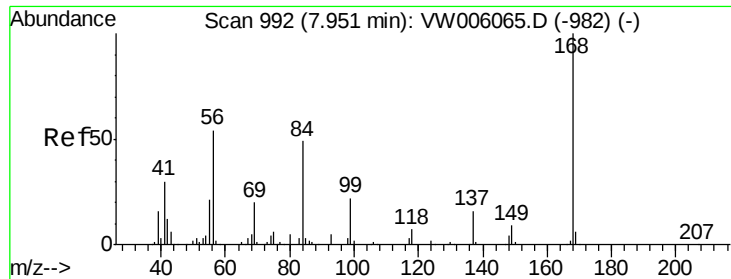
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUP-4B-G-101518-8

Quant Time: Oct 17 01:21:49 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

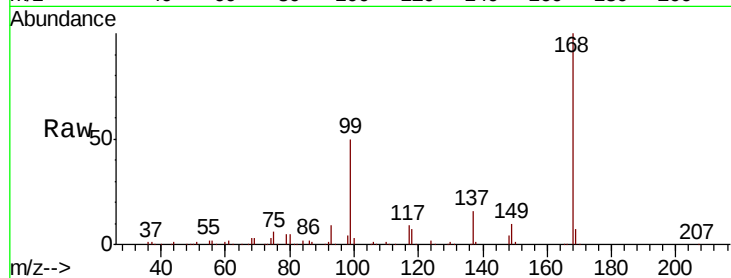
SUP-4B-G-101518-8

Tgt Ion:168 Resp: 224231

Ion Ratio Lower Upper

168 100

99 50.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

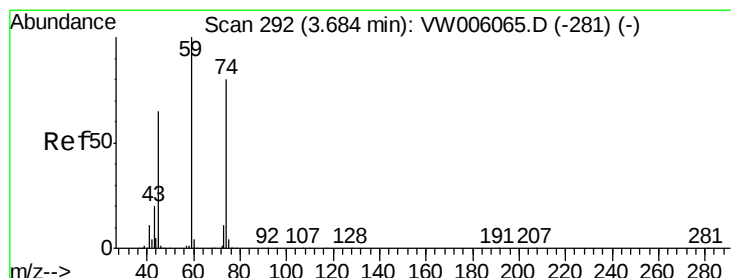
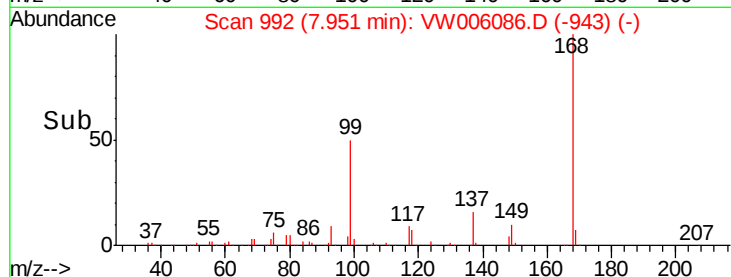
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.354 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006086.D

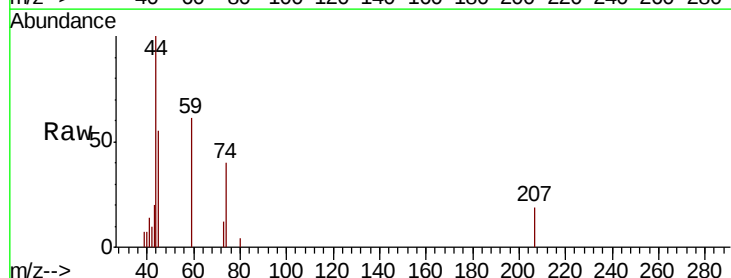
Acq: 16 Oct 2018 18:27

Tgt Ion: 74 Resp: 1367

Ion Ratio Lower Upper

74 100

45 146.1 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

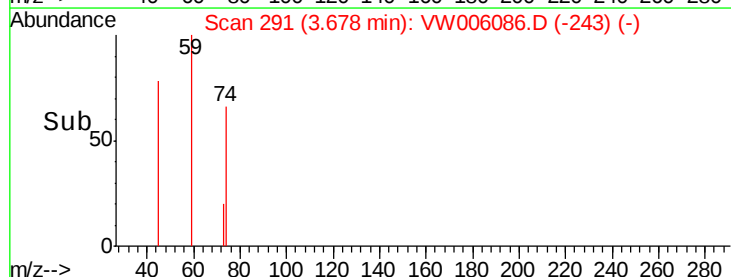
600

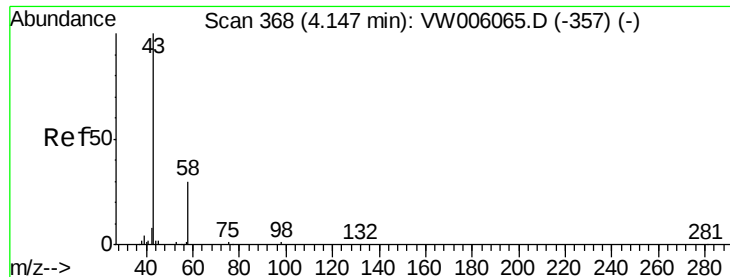
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

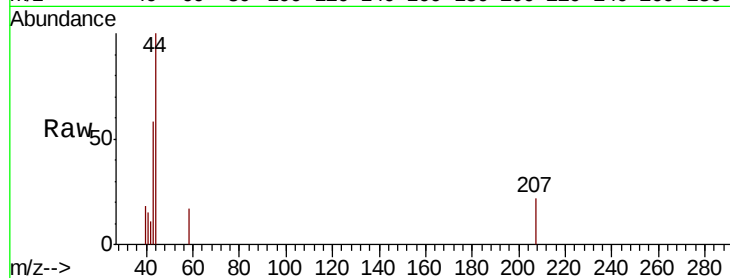
SUP-4B-G-101518-8

Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 29.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

300

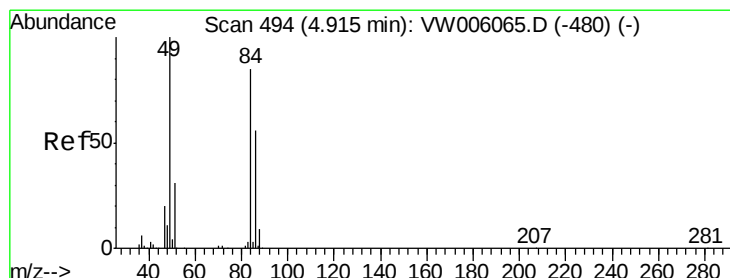
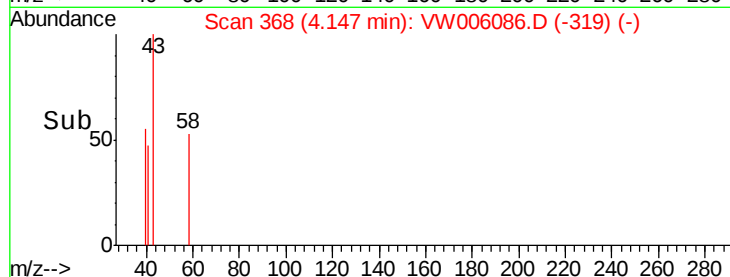
200

100

0

4.05 4.10 4.15 4.20 4.25

Time-->



#20

Methylene Chloride

Concen: 5.116 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Tgt Ion: 84 Resp: 12938

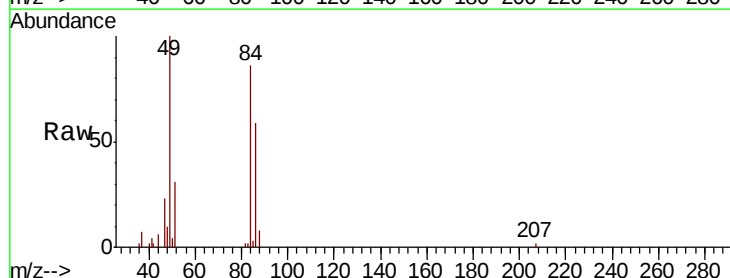
Ion Ratio Lower Upper

84 100

49 116.9 93.6 140.4

51 36.7 29.0 43.4

86 68.8 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

6000

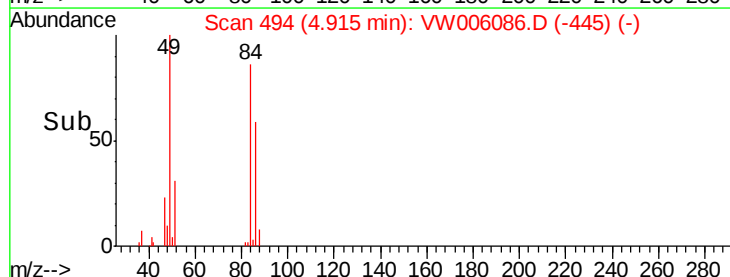
4000

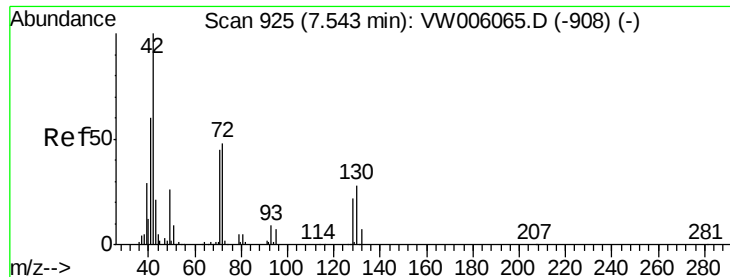
2000

0

4.80 4.90 5.00

Time-->





#29

Tetrahydrofuran

Concen: 1.131 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-8

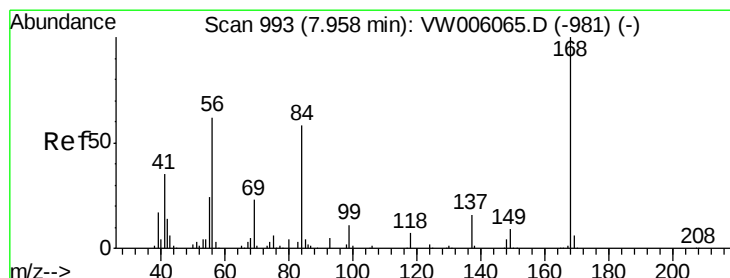
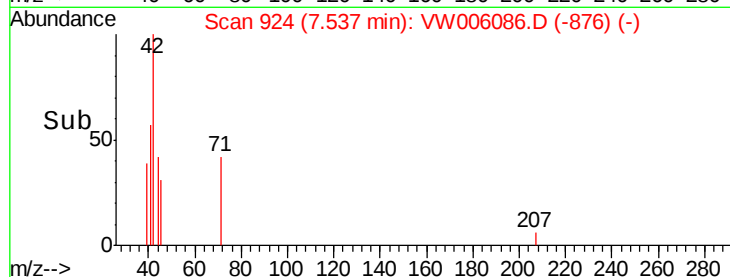
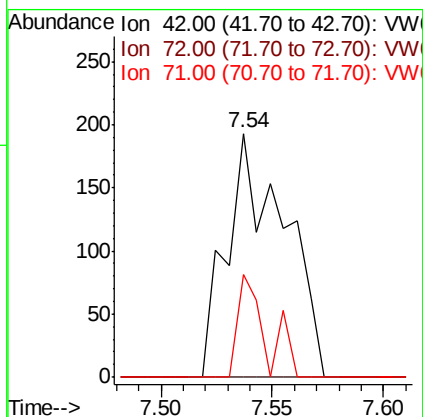
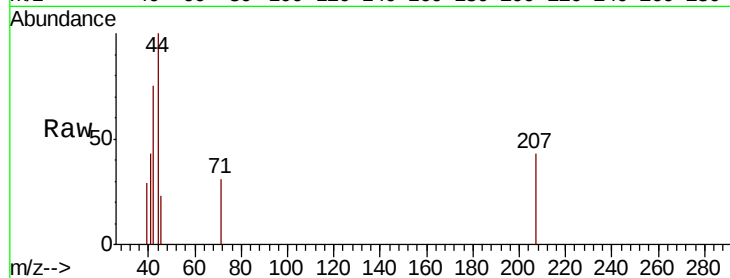
Tgt Ion: 42 Resp: 349

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

71 20.3 35.3 52.9#



#31

Cyclohexane

Concen: 1.270 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

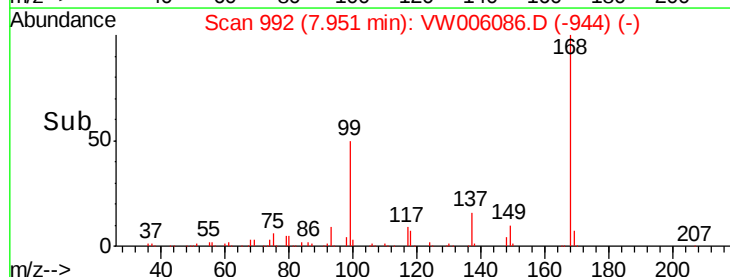
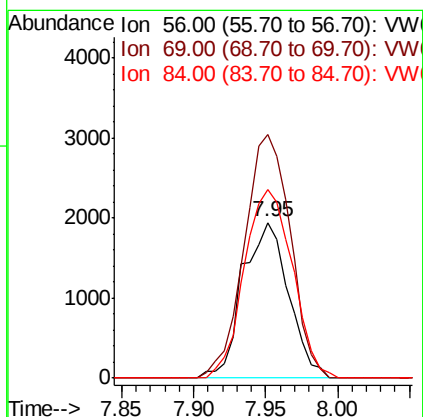
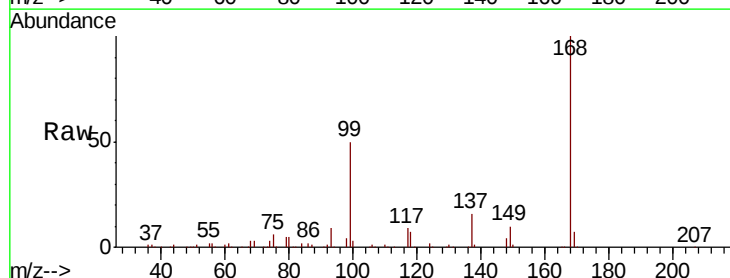
Tgt Ion: 56 Resp: 4319

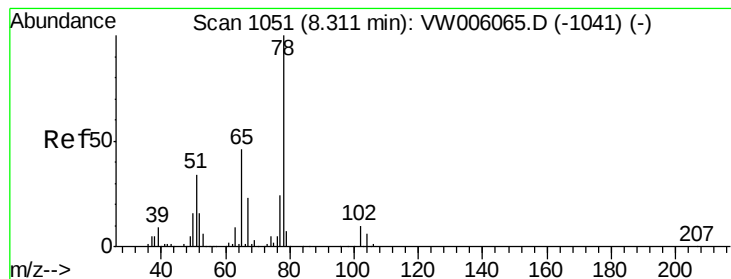
Ion Ratio Lower Upper

56 100

69 156.5 29.4 44.0#

84 121.3 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 50.917 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

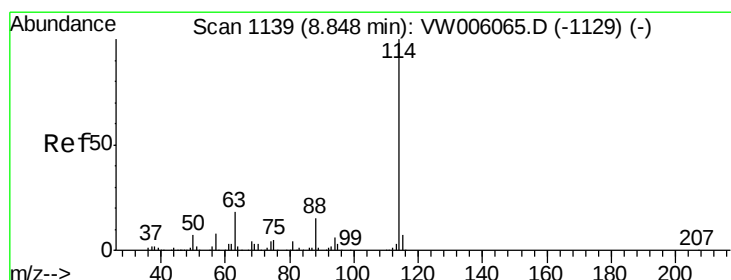
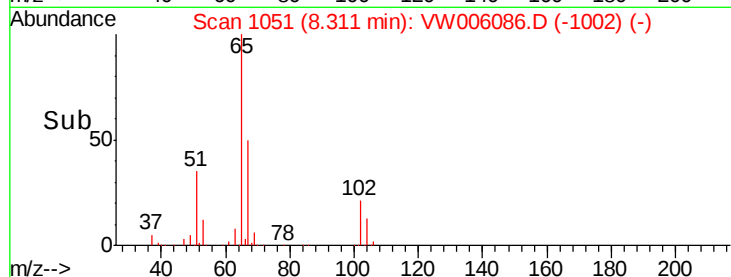
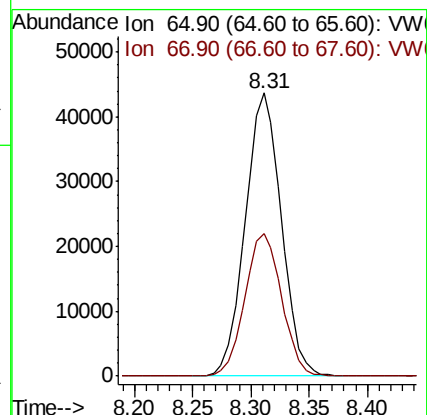
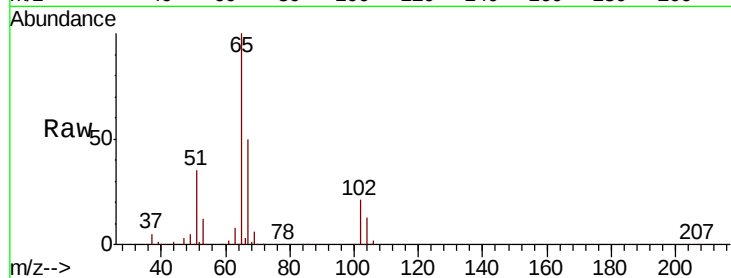
SUP-4B-G-101518-8

Tgt Ion: 65 Resp: 94655

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: VW006086.D

Acq: 16 Oct 2018 18:27

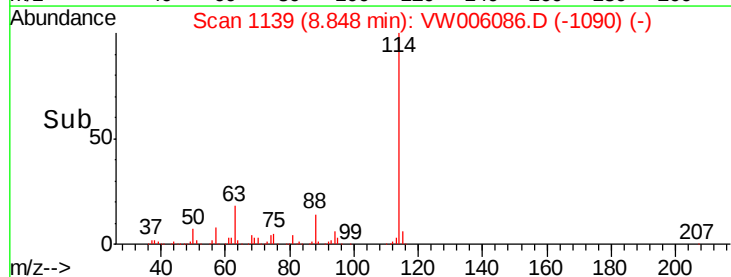
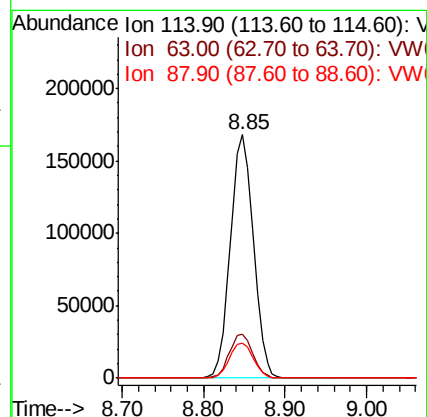
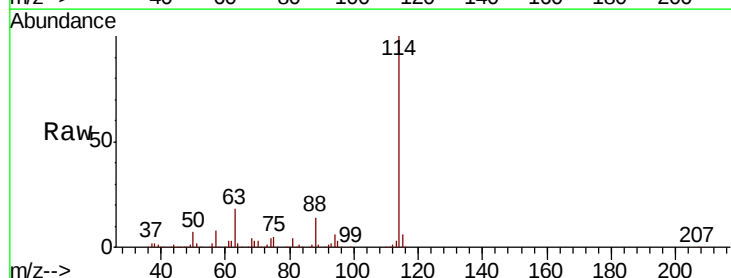
Tgt Ion: 114 Resp: 326453

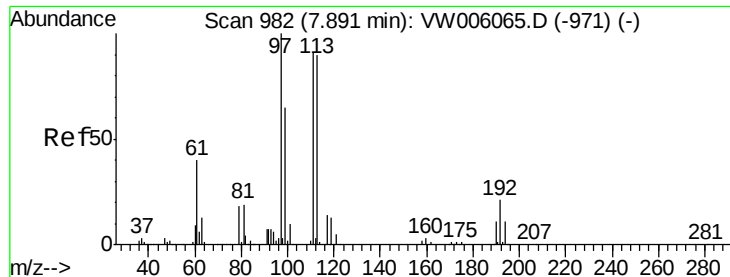
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.3 0.0 29.0

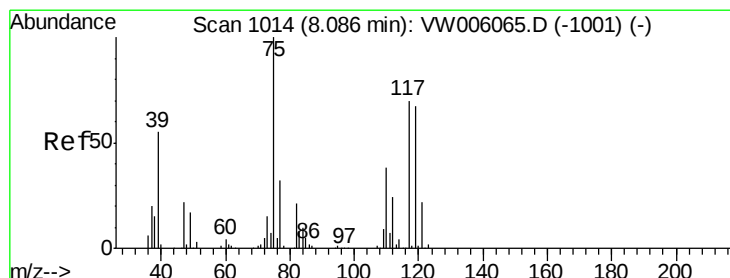
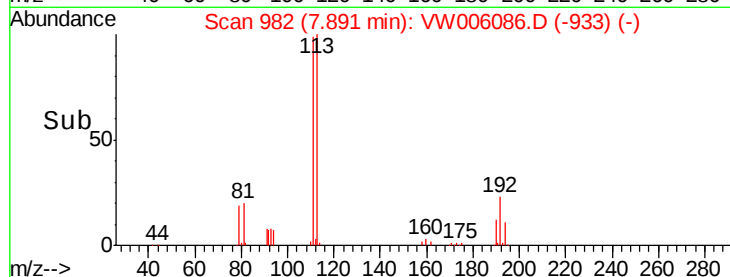
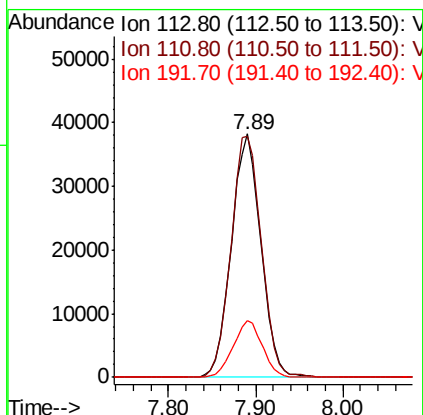
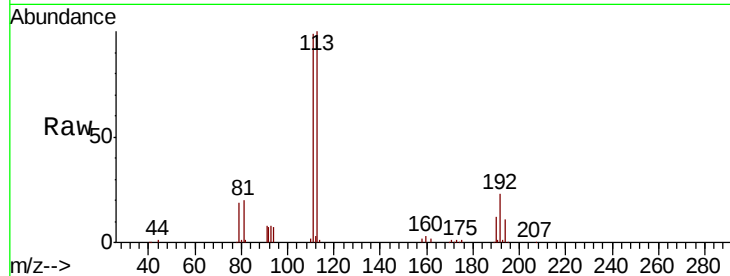




#35
 Dibromofluoromethane
 Concen: 46.436 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006086.D
 Acq: 16 Oct 2018 18:27

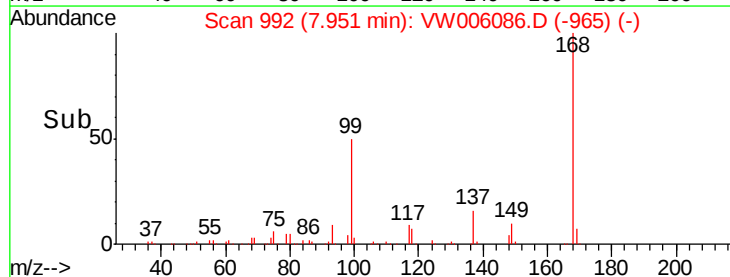
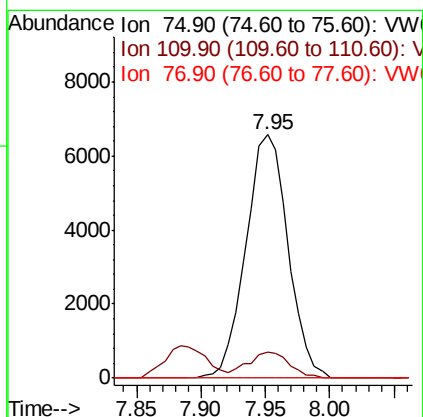
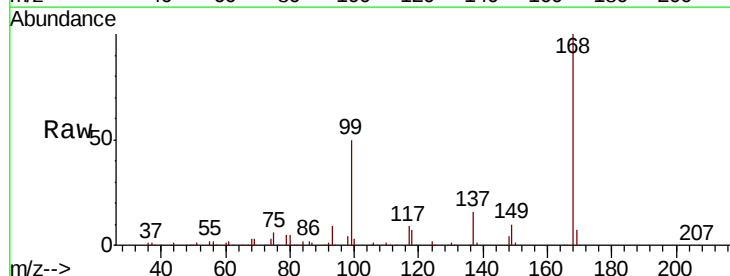
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-8

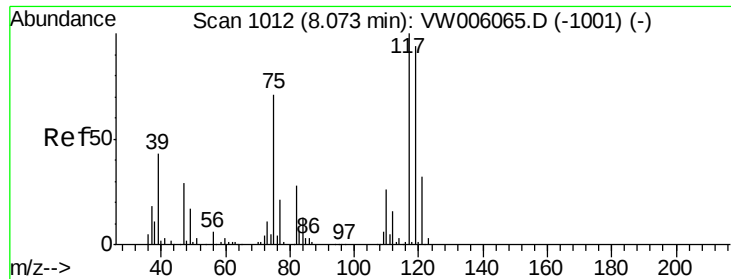
Tgt Ion: 113 Resp: 89575
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 22.9 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.939 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006086.D
 Acq: 16 Oct 2018 18:27

Tgt Ion: 75 Resp: 14862
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.1 57.1#
 77 0.0 25.0 37.4#

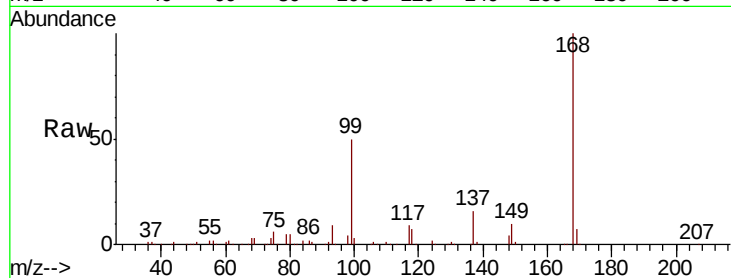




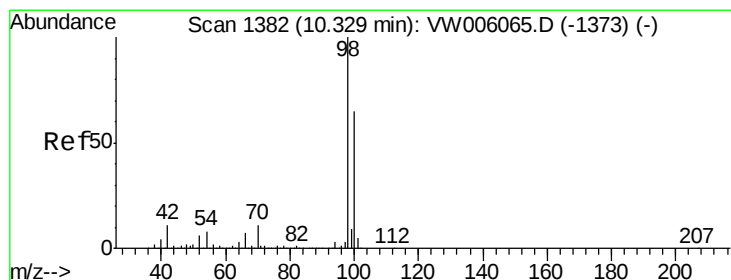
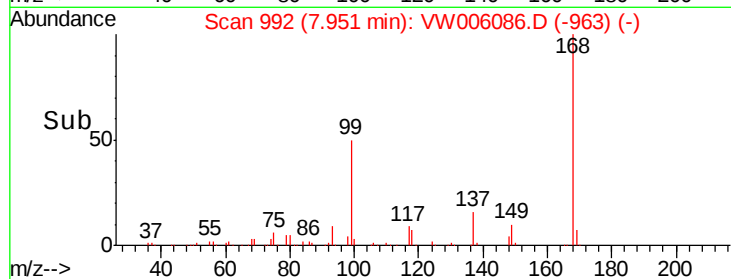
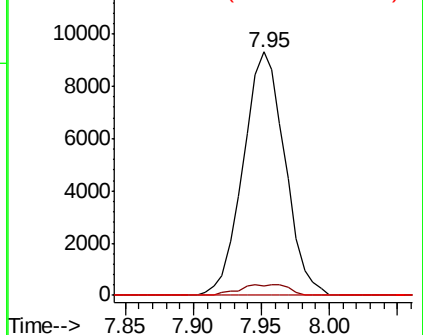
#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006086.D
Acq: 16 Oct 2018 18:27

Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-8

Tgt Ion:117 Resp: 19951
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 25.3 37.9#

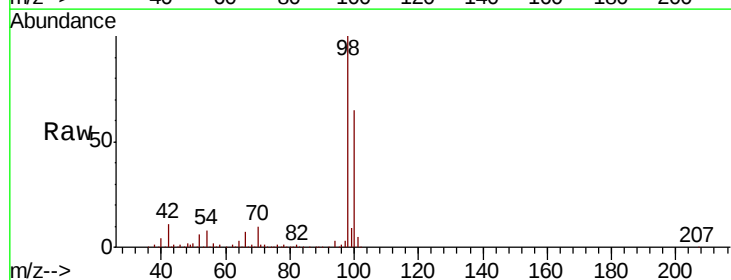


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

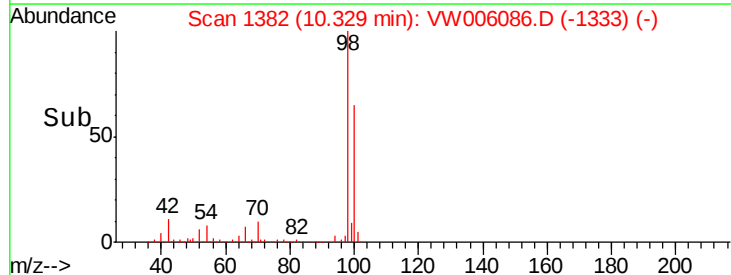
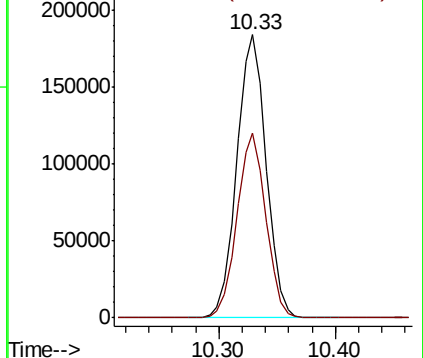


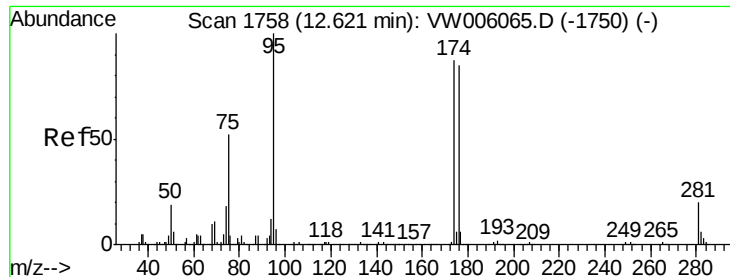
#50
Toluene-d8
Concen: 43.900 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006086.D
Acq: 16 Oct 2018 18:27

Tgt Ion: 98 Resp: 322175
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



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

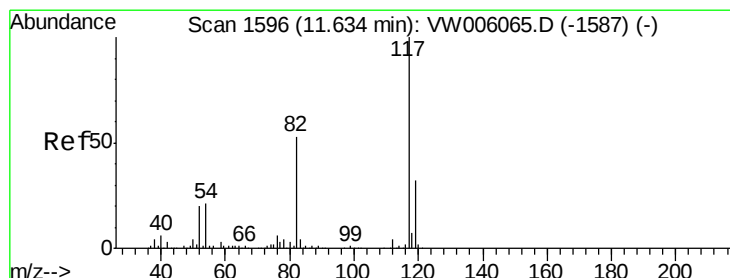
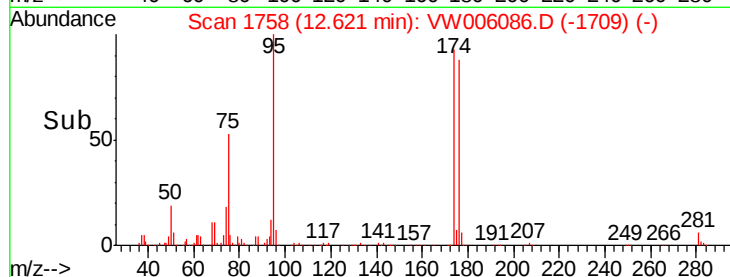
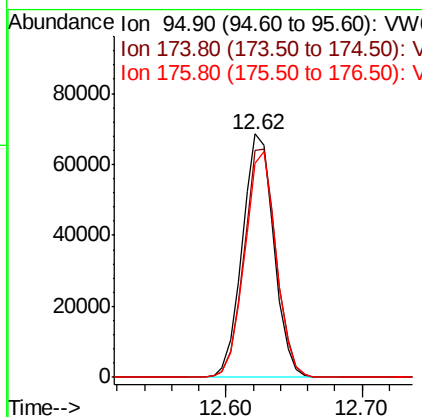
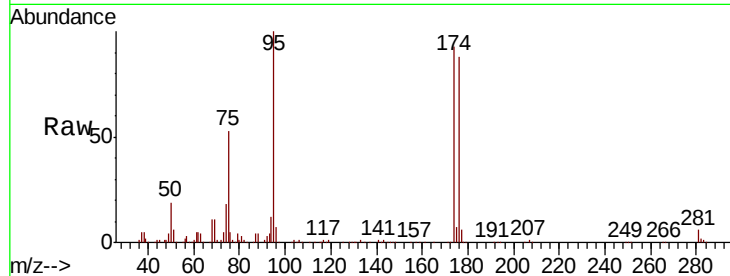




#62
4-Bromofluorobenzene
Concen: 40.417 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006086.D
Acq: 16 Oct 2018 18:27

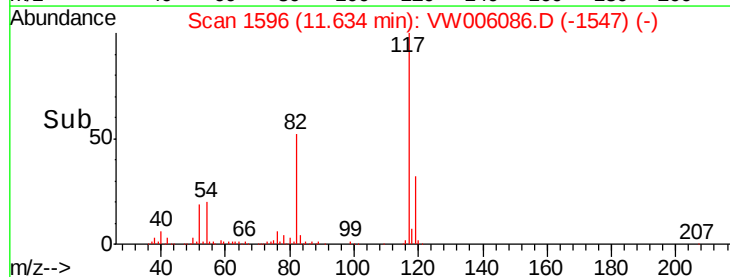
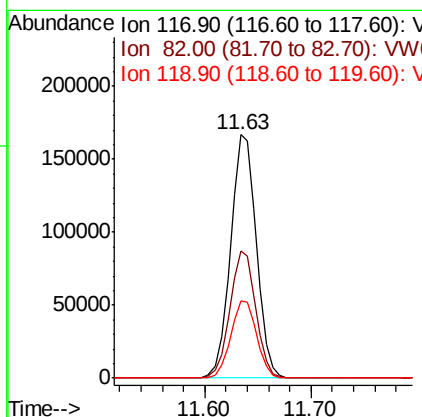
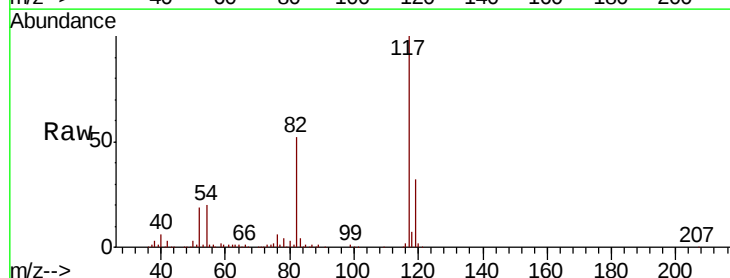
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-8

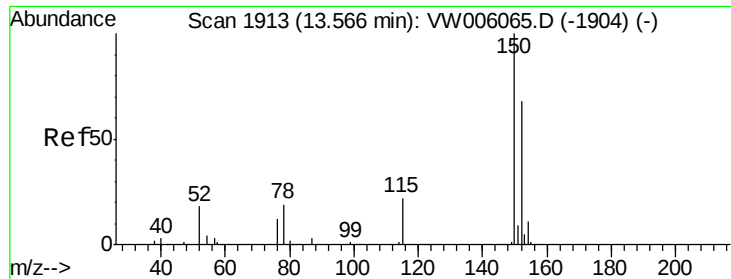
Tgt Ion: 95 Resp: 111406
Ion Ratio Lower Upper
95 100
174 95.2 0.0 186.0
176 92.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006086.D
Acq: 16 Oct 2018 18:27

Tgt Ion: 117 Resp: 283261
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 31.7 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: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-8

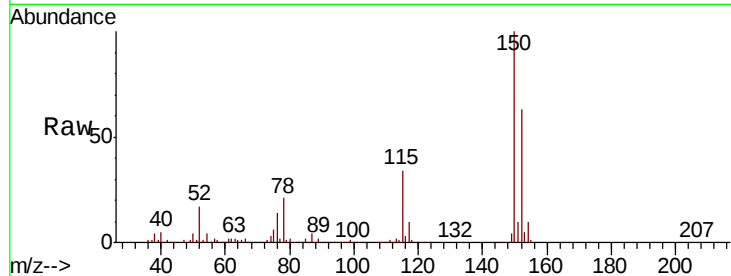
Tgt Ion:152 Resp: 133775

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

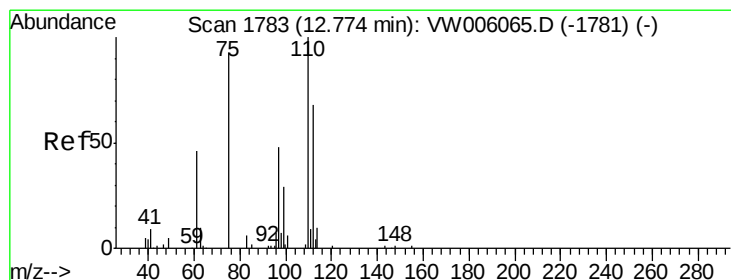
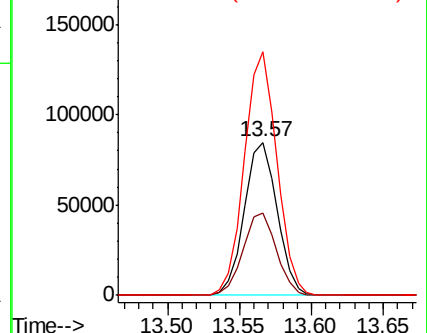
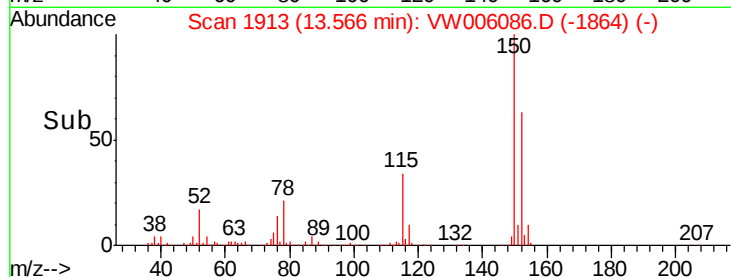
150 157.6 0.0 349.2



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: 55.915 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006086.D

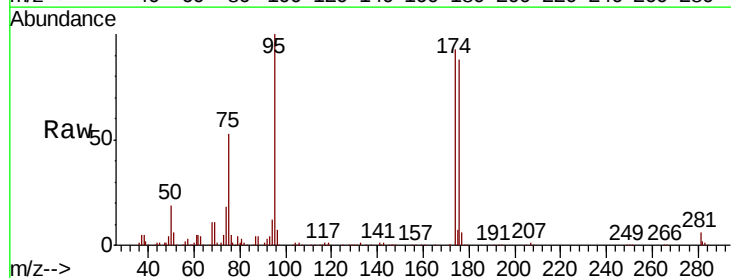
Acq: 16 Oct 2018 18:27

Tgt Ion: 75 Resp: 57133

Ion Ratio Lower Upper

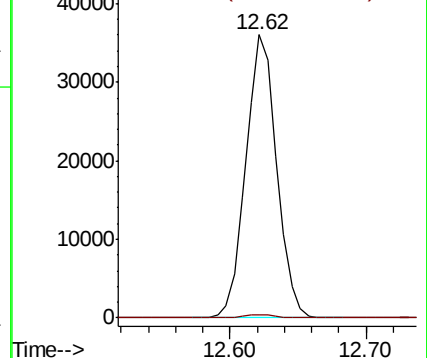
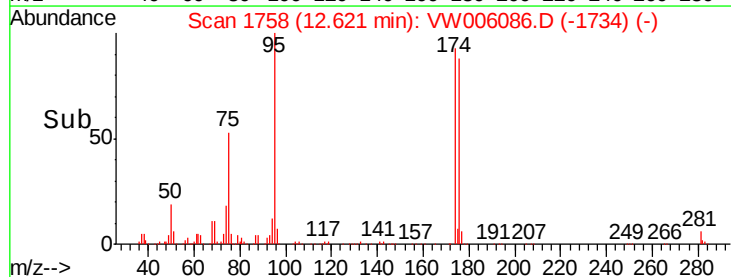
75 100

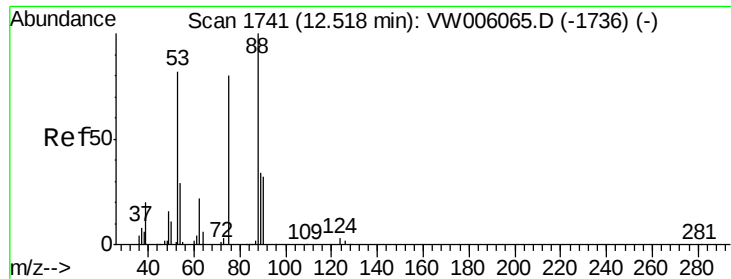
77 1.1 0.0 0.0#



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: 133.660 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006086.D

Acq: 16 Oct 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-8

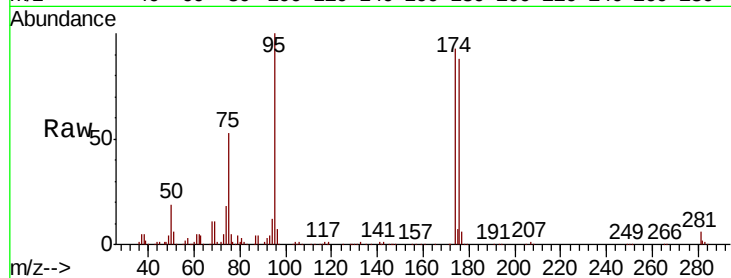
Tgt Ion: 75 Resp: 57133

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

