

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006084.D
 Acq On : 16 Oct 2018 17:36
 Operator : VA/AP
 Sample : J5526-06
 Misc : 6.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-6

Quant Time: Oct 16 18:16:33 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	7.96	168	13819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	14982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4136	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	5279	46.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.16%	
35) Dibromofluoromethane	7.90	113	5001	43.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.62%	
50) Toluene-d8	10.33	98	18118	41.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.48%	
62) 4-Bromofluorobenzene	12.63	95	4929	29.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.74%	

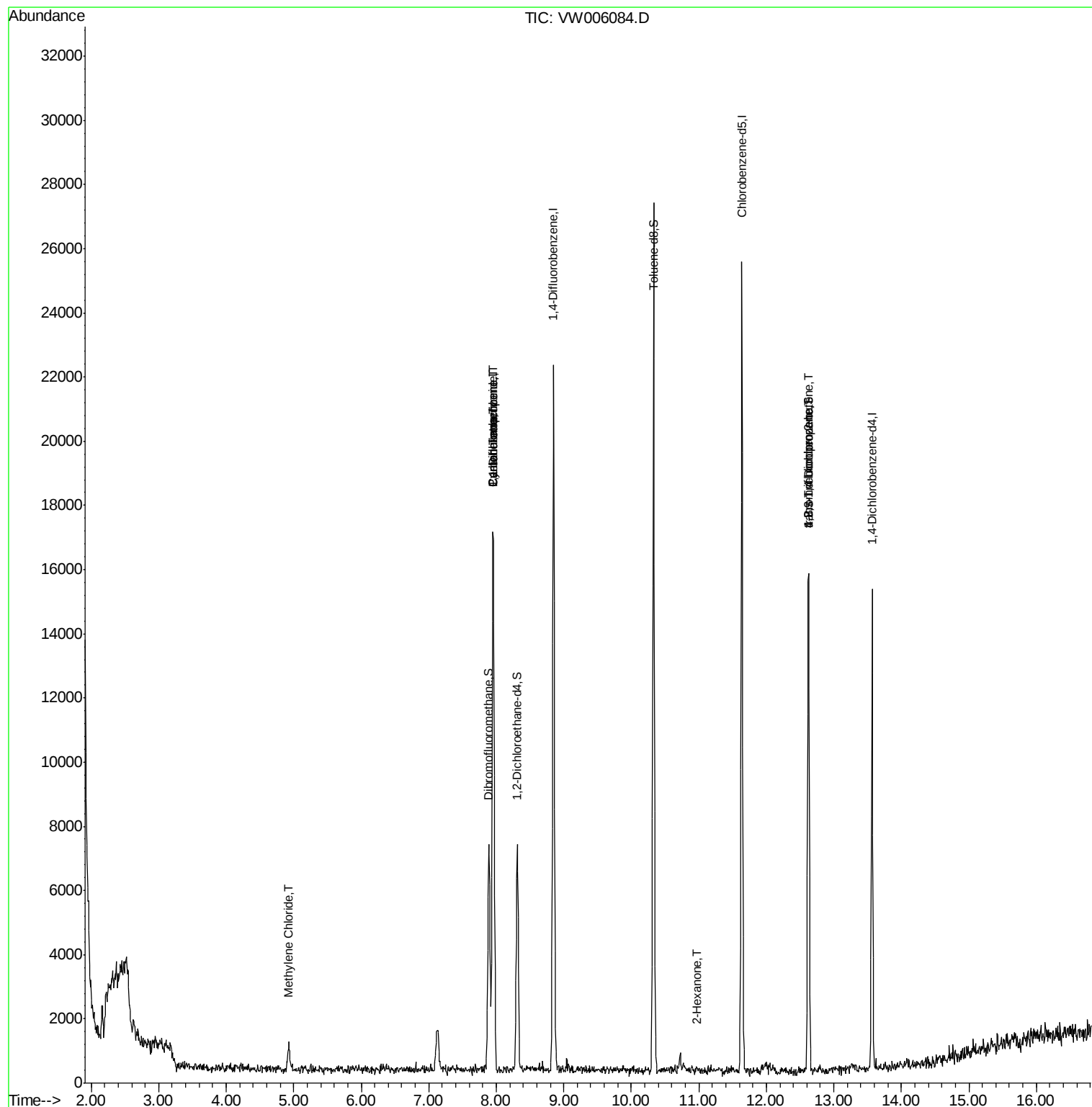
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	127	Below Cal	#	45
20) Methylene Chloride	4.93	84	700	4.29	ug/l #	70
31) Cyclohexane	7.95	56	292	1.39	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	1028	5.71	ug/l #	40
38) Carbon Tetrachloride	7.95	117	1241	6.28	ug/l #	13
59) 2-Hexanone	10.98	43	70	1.43	ug/l #	25
76) 1,2,3-Trichloropropane	12.63	75	2534	80.21	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	2534	191.74	ug/l #	10

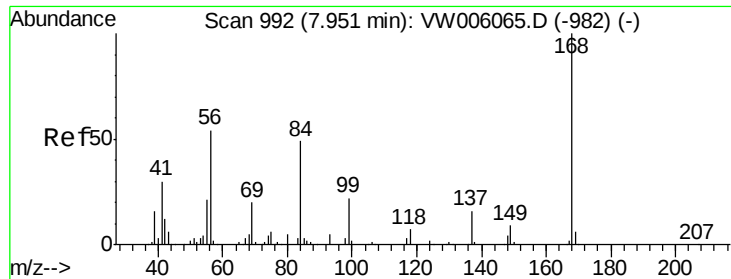
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

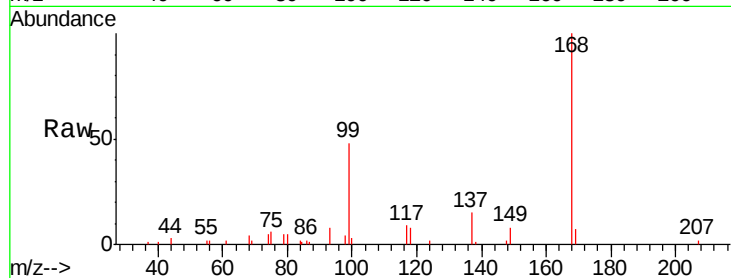
SUP-4B-G-101518-6

Tgt Ion:168 Resp: 13819

Ion Ratio Lower Upper

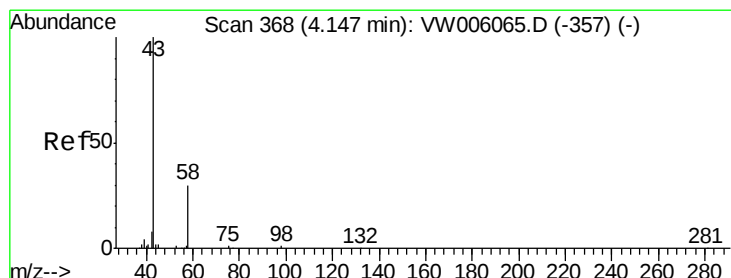
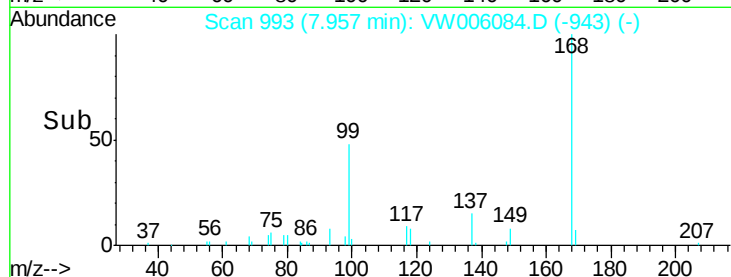
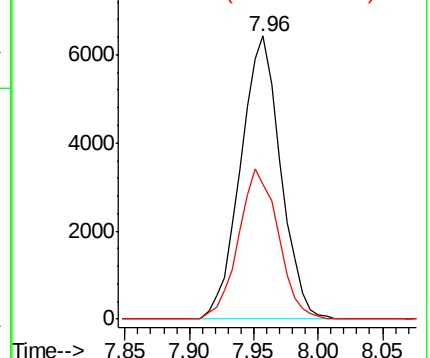
168 100

99 47.7 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: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006084.D

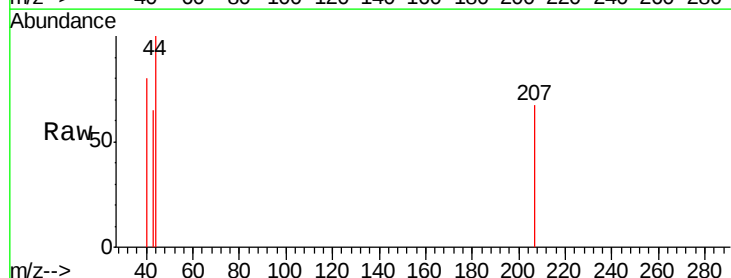
Acq: 16 Oct 2018 17:36

Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

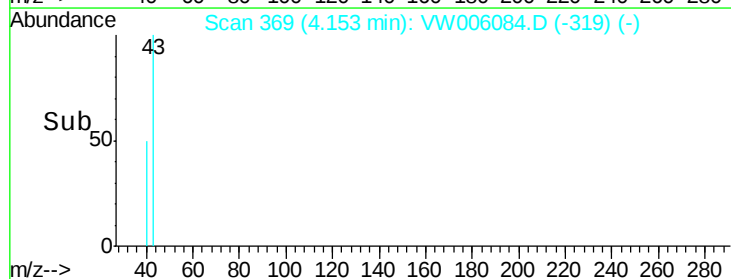
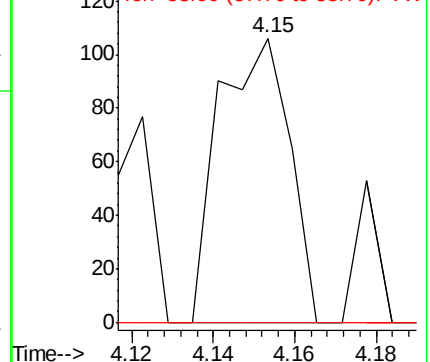
43 100

58 0.0 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: 4.29 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-6

Tgt Ion: 84 Resp: 700

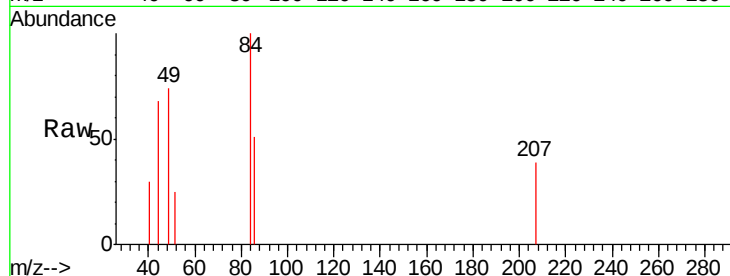
Ion Ratio Lower Upper

84 100

49 74.5 93.6 140.4#

51 25.2 29.0 43.4#

86 50.8 52.6 79.0#

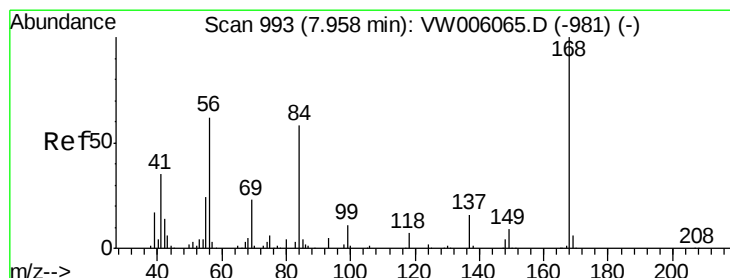
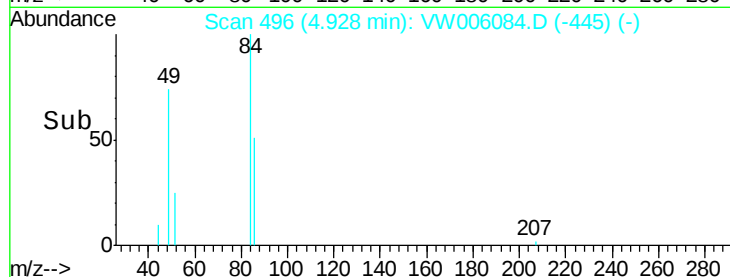
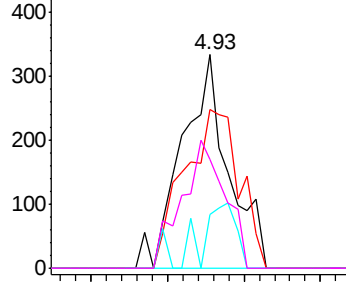


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.39 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

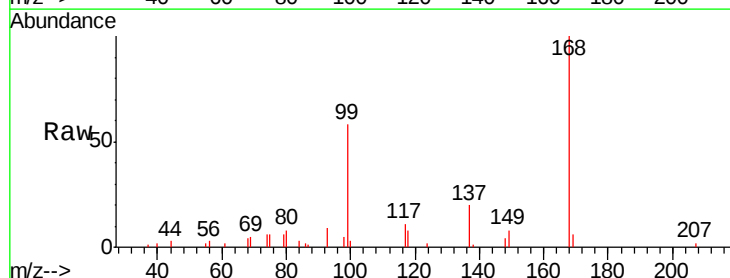
Tgt Ion: 56 Resp: 292

Ion Ratio Lower Upper

56 100

69 208.8 29.4 44.0#

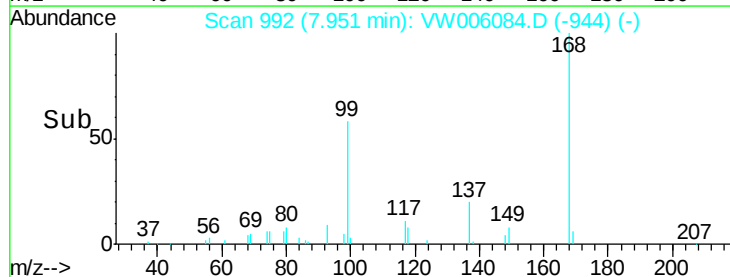
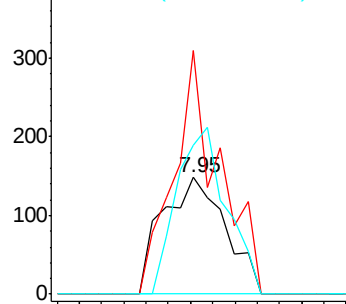
84 128.4 74.0 111.0#

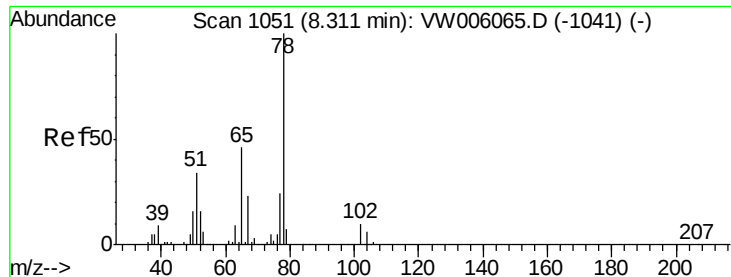


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 46.08 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

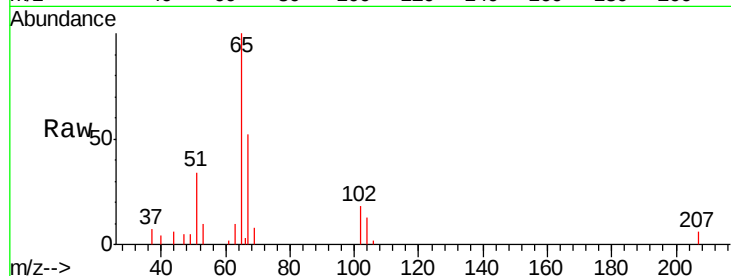
SUP-4B-G-101518-6

Tgt Ion: 65 Resp: 5279

Ion Ratio Lower Upper

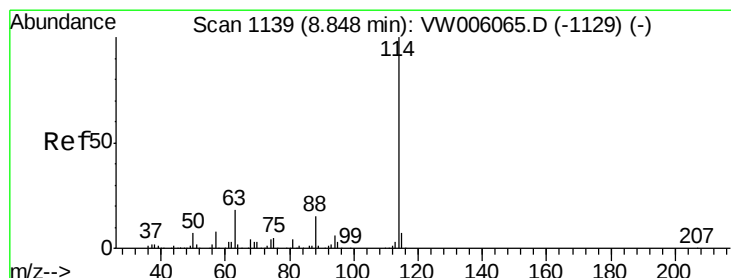
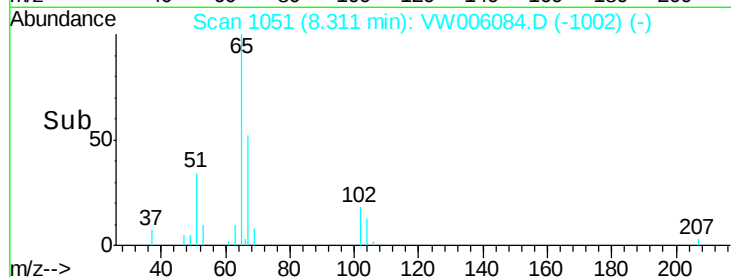
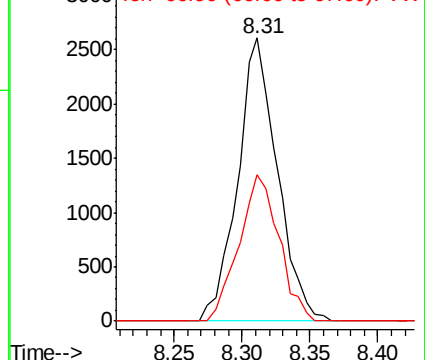
65 100

67 52.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

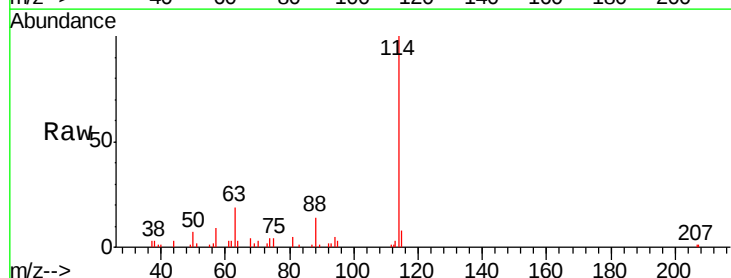
Tgt Ion: 114 Resp: 19543

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

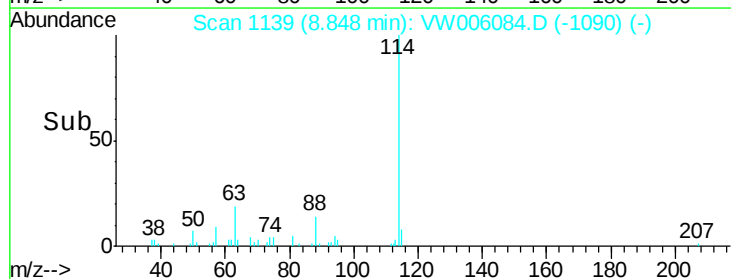
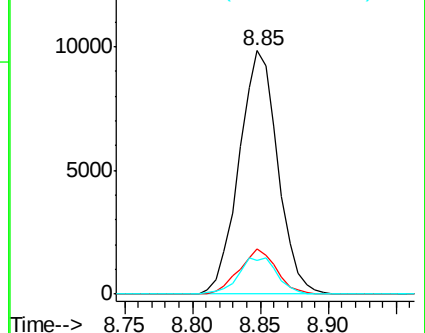
88 14.0 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 43.31 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-6

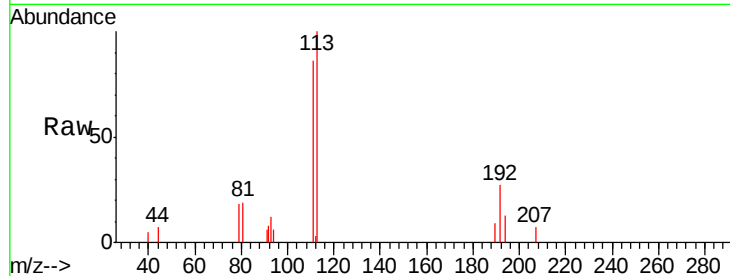
Tgt Ion:113 Resp: 5001

Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.0

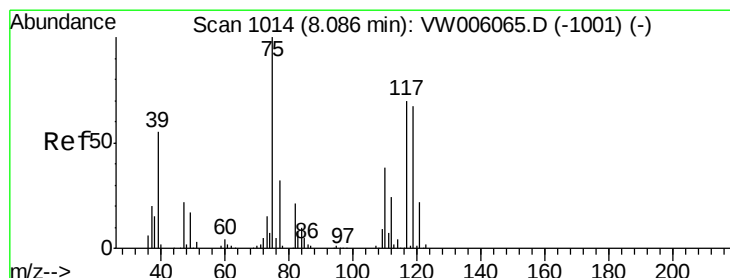
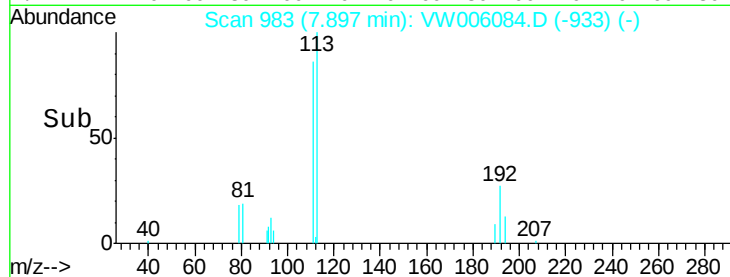
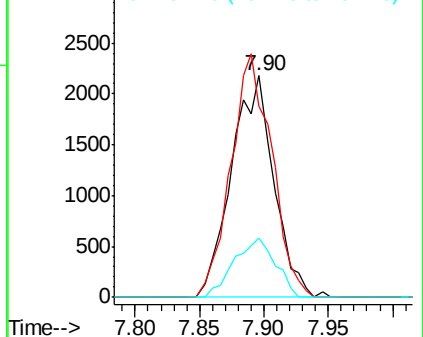
192 25.8 18.7 28.1



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: 5.71 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

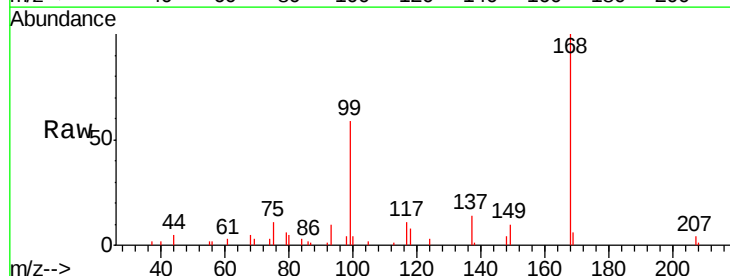
Tgt Ion: 75 Resp: 1028

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.1#

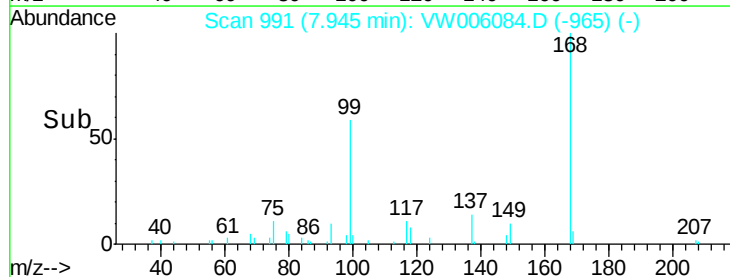
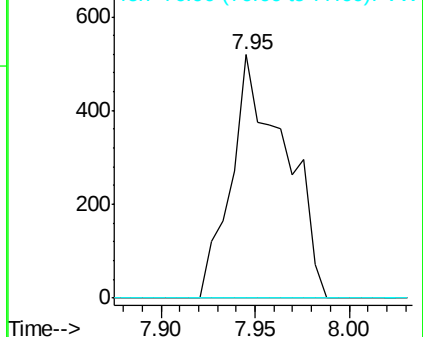
77 0.0 25.0 37.4#

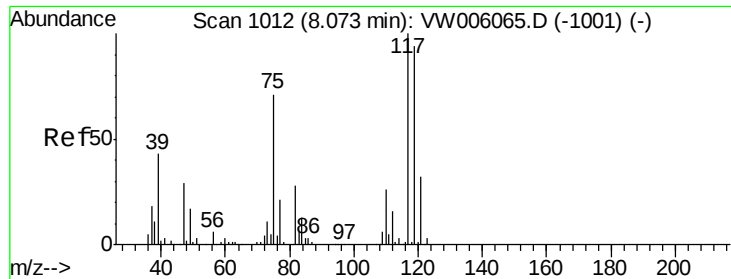


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.28 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-6

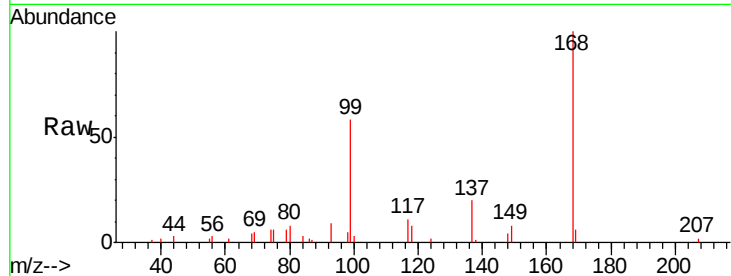
Tgt Ion:117 Resp: 1241

Ion Ratio Lower Upper

117 100

119 0.0 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

7.95

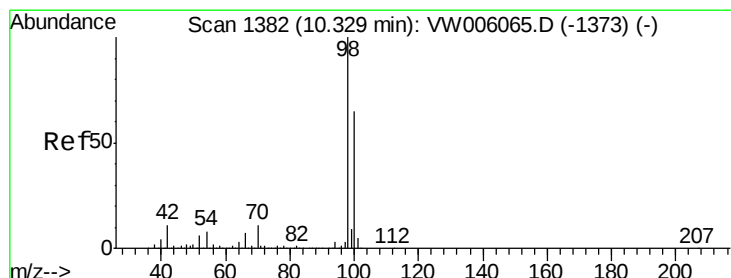
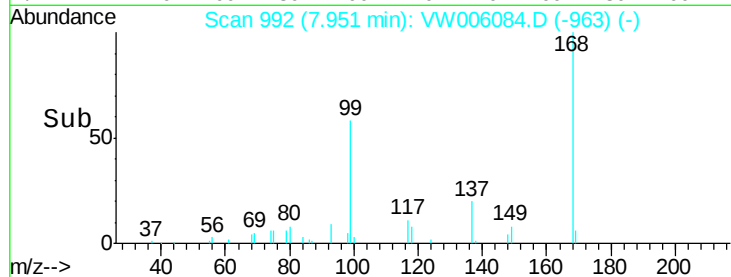
600

400

200

0

Time-->



#50

Toluene-d8

Concen: 41.24 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006084.D

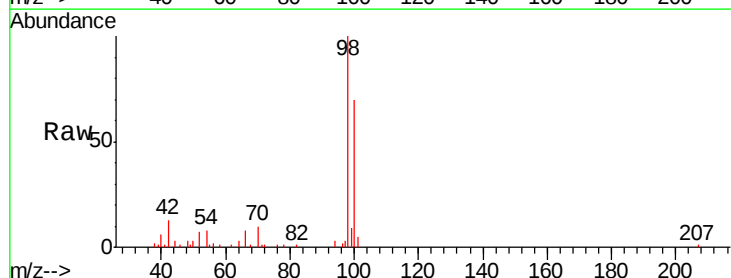
Acq: 16 Oct 2018 17:36

Tgt Ion: 98 Resp: 18118

Ion Ratio Lower Upper

98 100

100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

12000

10000

8000

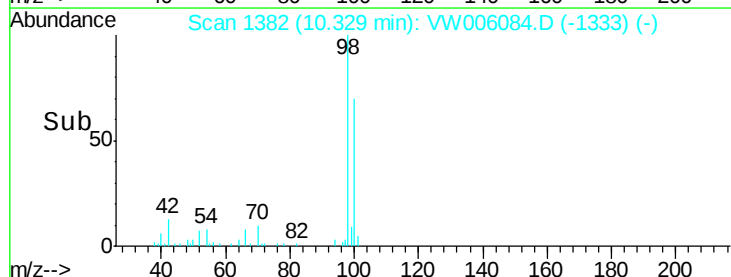
6000

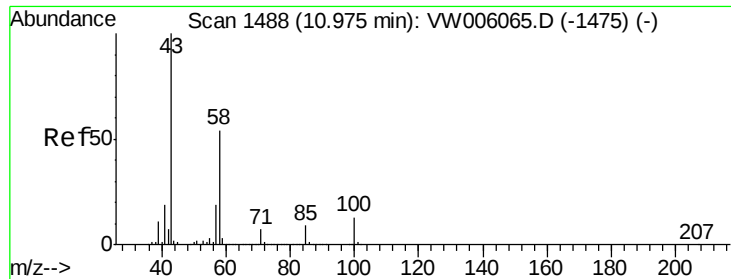
4000

2000

0

Time-->





#59

2-Hexanone

Concen: 1.43 ug/l

RT: 10.98 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

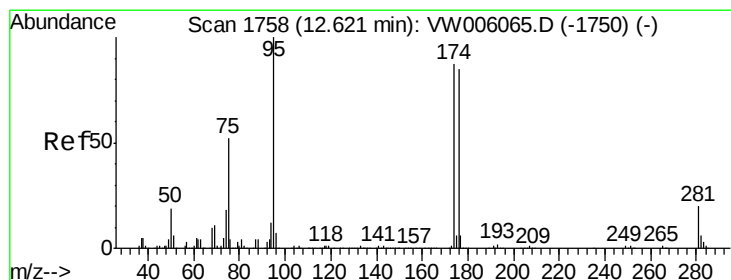
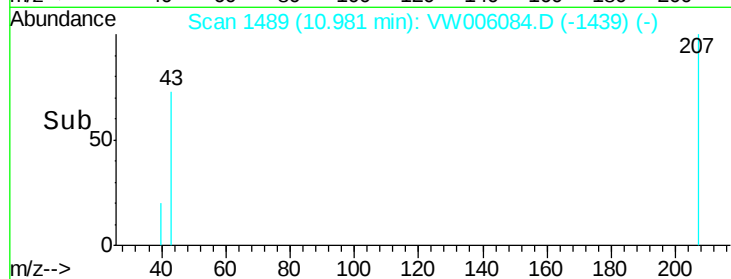
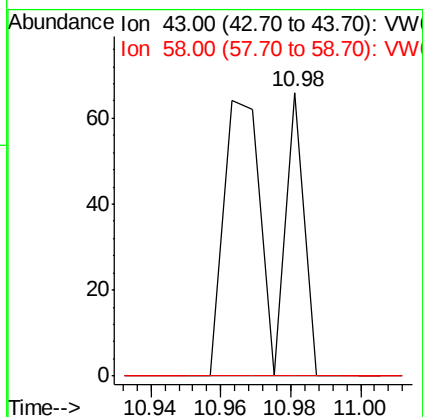
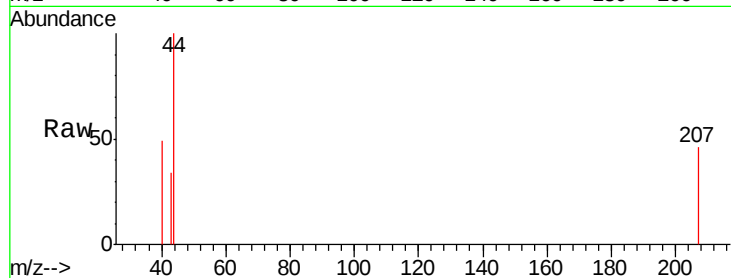
SUP-4B-G-101518-6

Tgt Ion: 43 Resp: 70

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 29.87 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

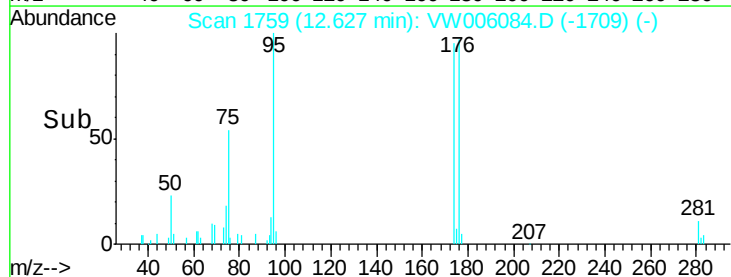
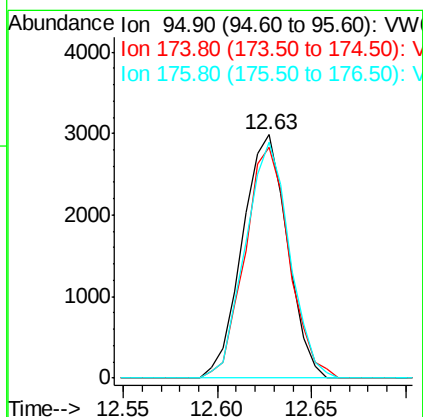
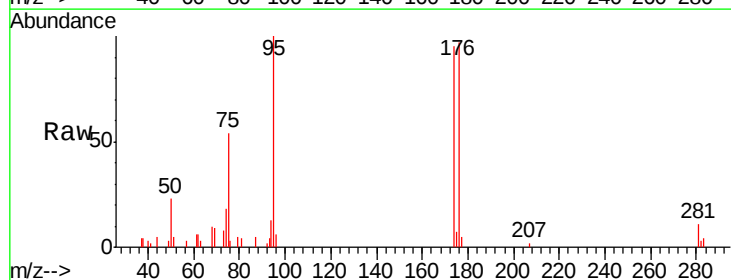
Tgt Ion: 95 Resp: 4929

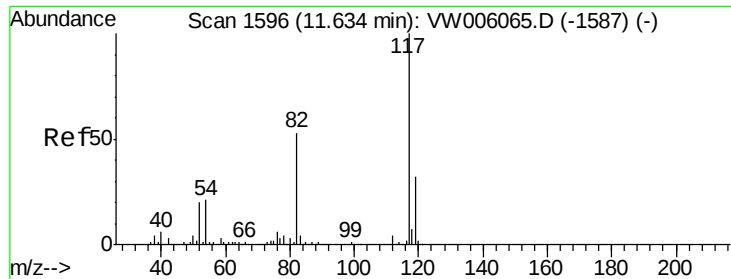
Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.0

176 95.4 0.0 181.6

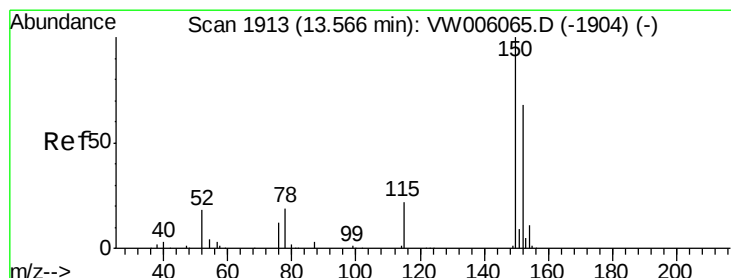
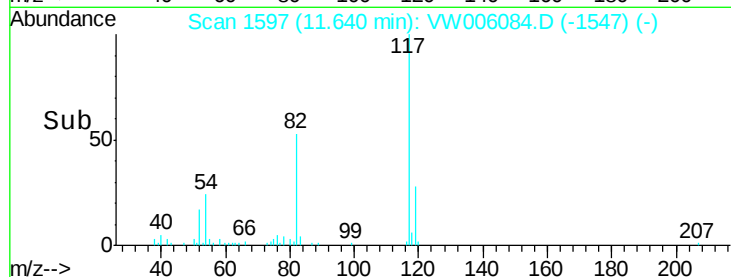
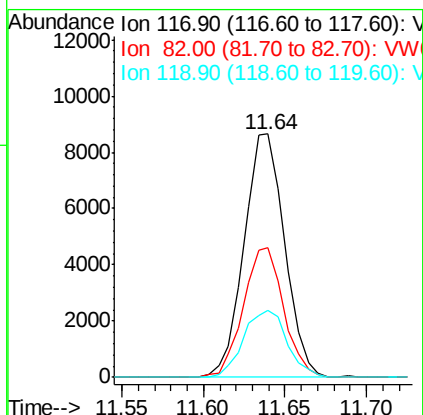
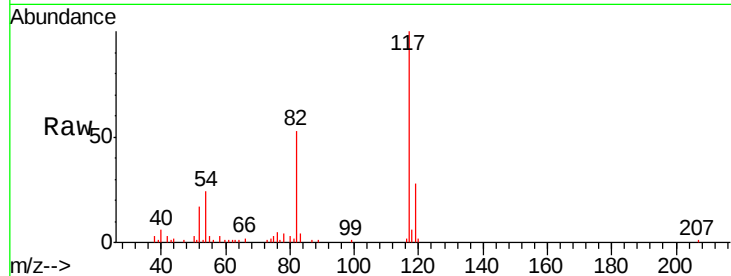




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006084.D
Acq: 16 Oct 2018 17:36

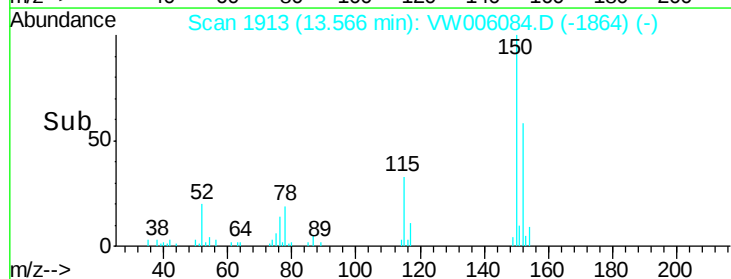
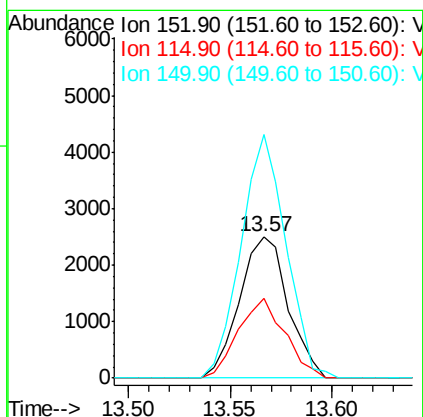
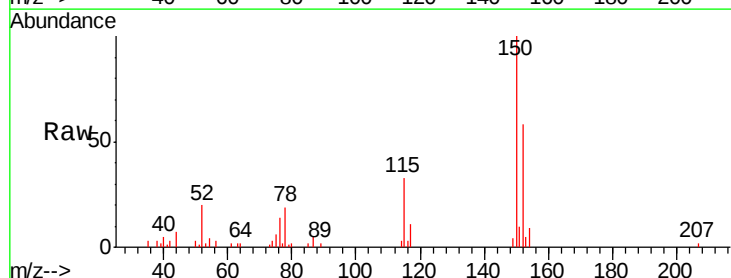
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-6

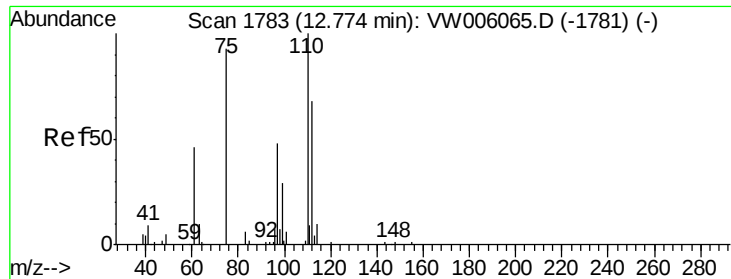
Tgt Ion:117 Resp: 14982
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 27.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006084.D
Acq: 16 Oct 2018 17:36

Tgt Ion:152 Resp: 4136
Ion Ratio Lower Upper
152 100
115 54.0 27.8 83.3
150 159.3 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 80.21 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

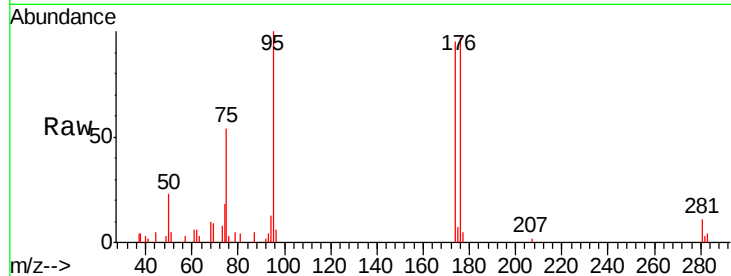
SUP-4B-G-101518-6

Tgt Ion: 75 Resp: 2534

Ion Ratio Lower Upper

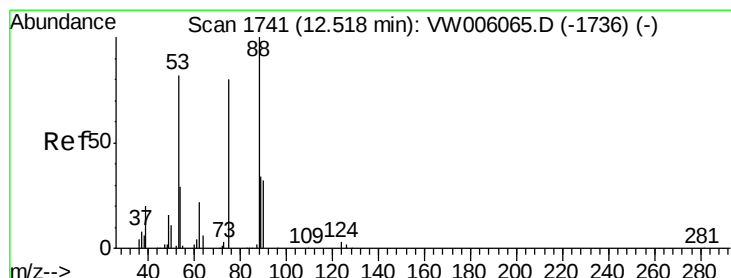
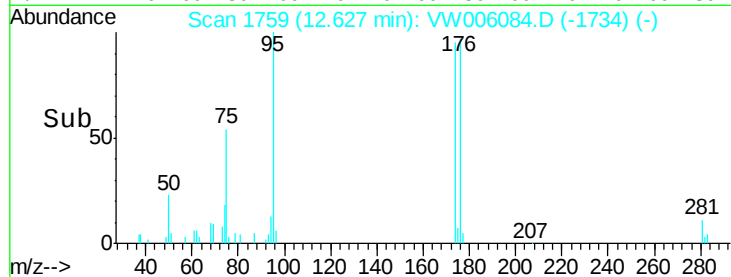
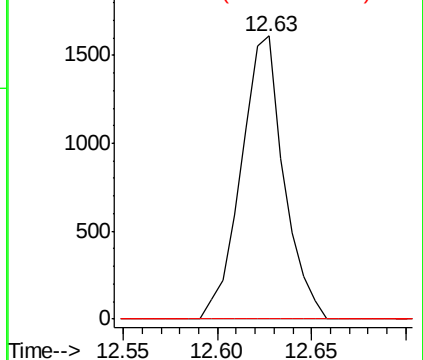
75 100

77 0.0 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: 191.74 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW006084.D

Acq: 16 Oct 2018 17:36

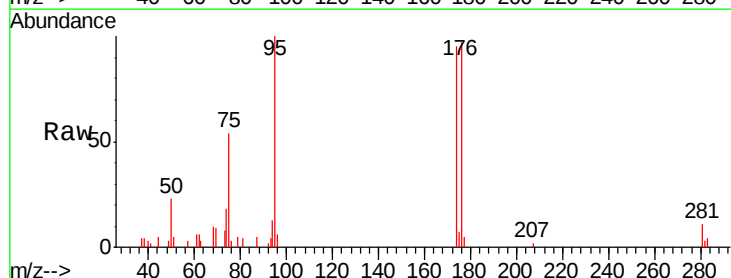
Tgt Ion: 75 Resp: 2534

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

