

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006385.D
 Acq On : 26 Oct 2018 03:26
 Operator : SY/AP
 Sample : J5610-06RE
 Misc : 5.29G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

Quant Time: Oct 26 07:24:18 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

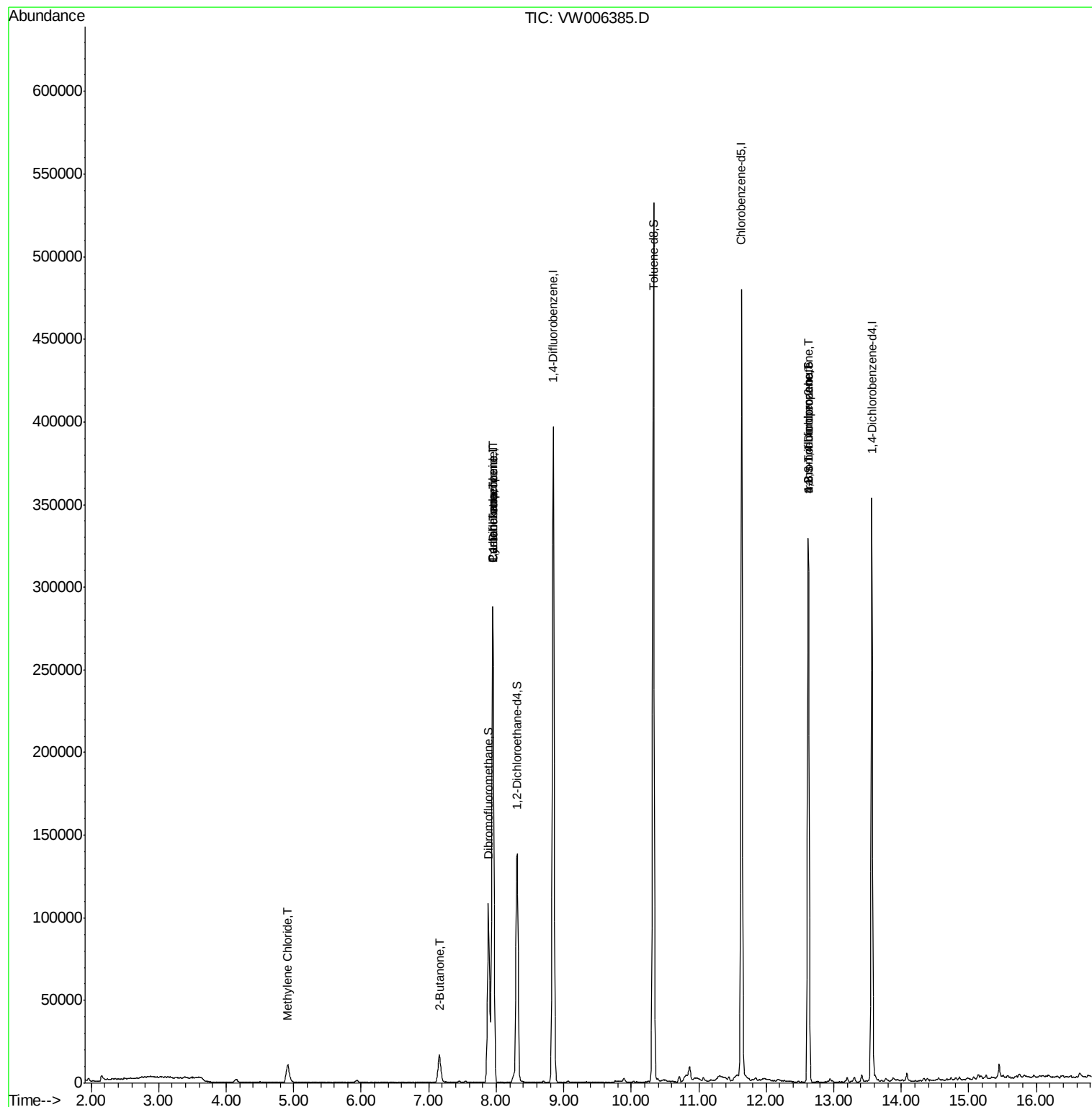
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	100371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113106	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
35) Dibromofluoromethane	7.88	113	75170	35.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.88%	
50) Toluene-d8	10.33	98	371539	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	101674	33.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.08%	
Target Compounds						
16) Acetone	4.15	43	3569	Below Cal		89
20) Methylene Chloride	4.91	84	9304	2.856 ug/l		97
25) 2-Butanone	7.16	43	1208	2.233 ug/l #		46
31) Cyclohexane	7.95	56	4190	1.143 ug/l #		2
36) 1,1-Dichloropropene	7.95	75	15579	4.708 ug/l #		48
38) Carbon Tetrachloride	7.95	117	21621	5.961 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	51235	66.831 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	51235	159.752 ug/l #		10

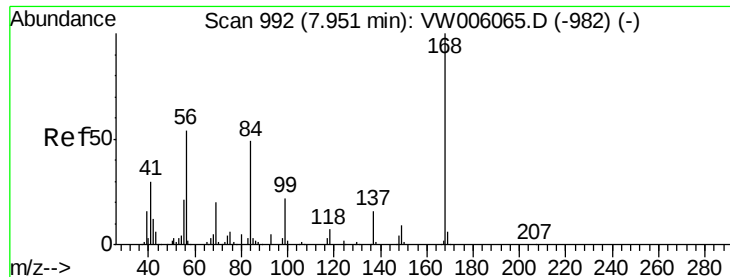
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3(6-8)

Quant Time: Oct 26 07:24:18 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: VW006385.D

Acq: 26 Oct 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

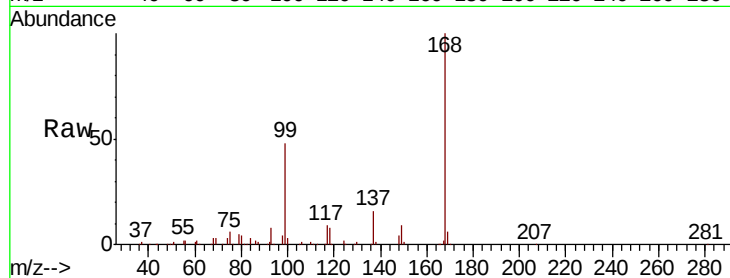
SB-3(6-8)

Tot Ion:168 Resp: 241584

Ion Ratio Lower Upper

168 100

99 48.1 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

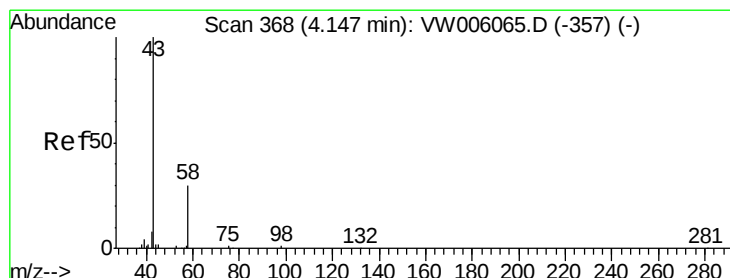
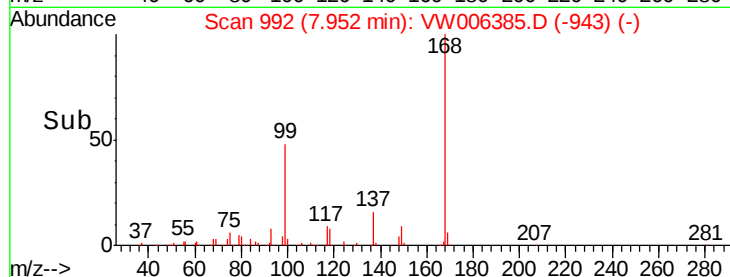
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006385.D

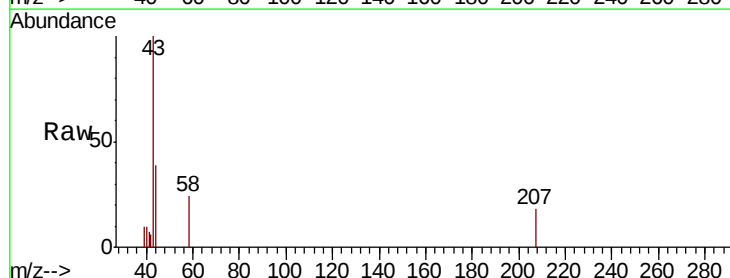
Acq: 26 Oct 2018 03:26

Tgt Ion: 43 Resp: 3569

Ion Ratio Lower Upper

43 100

58 24.2 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

1200

1000

800

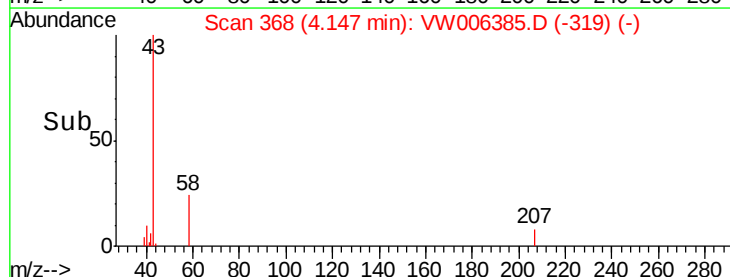
600

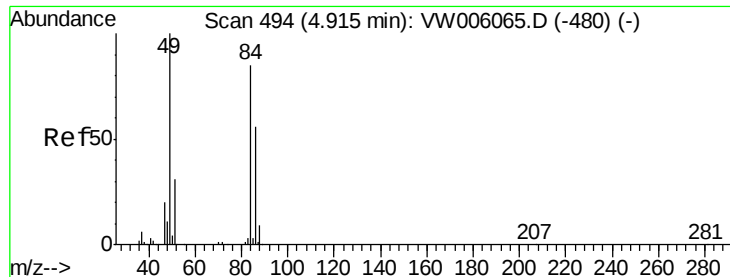
400

200

0

Time--> 4.10 4.20

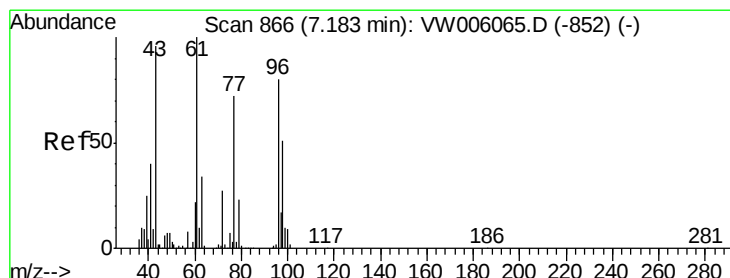
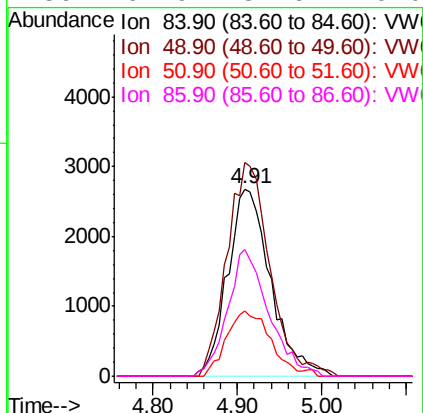
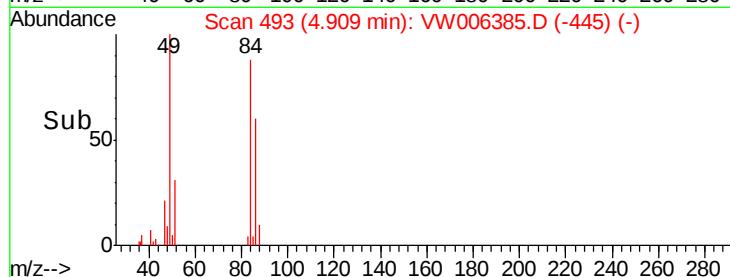
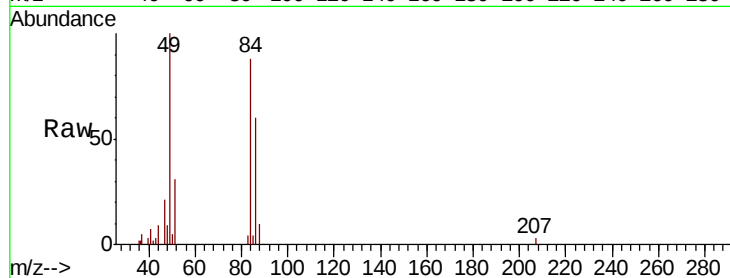




#20
Methvlene Chloride
Concen: 2.856 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006385.D
Acq: 26 Oct 2018 03:26

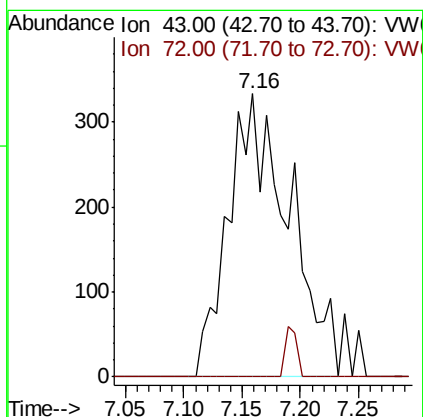
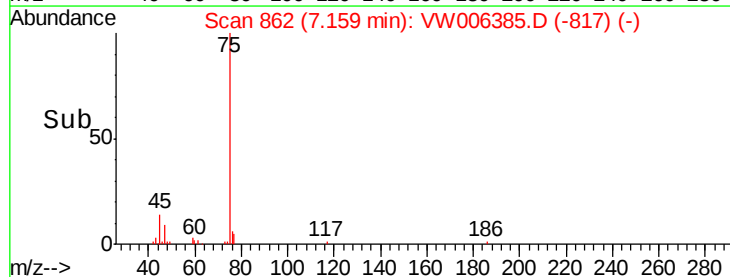
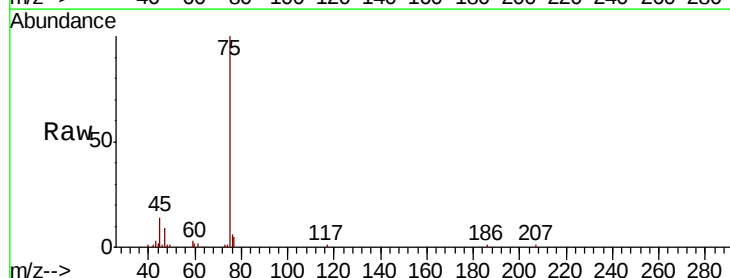
Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

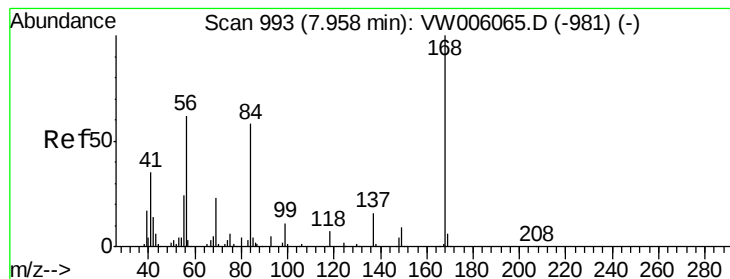
Tot Ion:	84	Resp:	9304
Ion	Ratio	Lower	Upper
84	100		
49	113.9	93.6	140.4
51	34.9	29.0	43.4
86	67.9	52.6	79.0



#25
2-Butanone
Concen: 2.233 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006385.D
Acq: 26 Oct 2018 03:26

Tgt Ion:	43	Resp:	1208
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

SB-3(6-8)

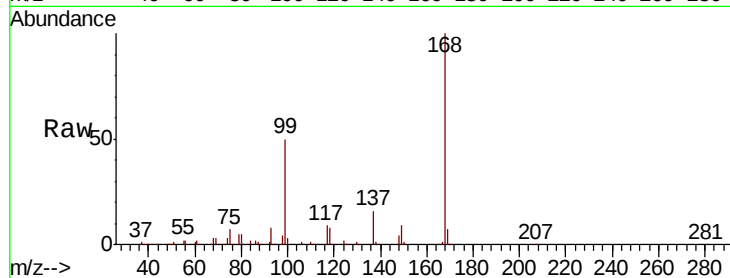
Tot Ion: 56 Resp: 4190

Ion Ratio Lower Upper

56 100

69 178.1 29.4 44.0#

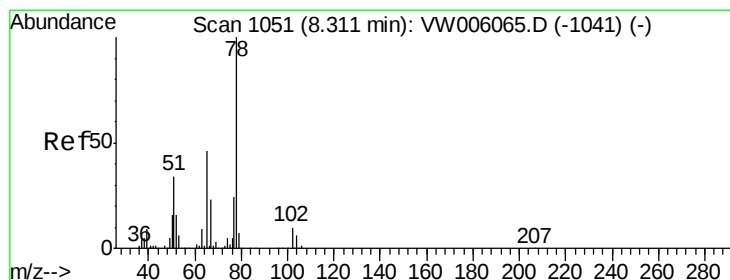
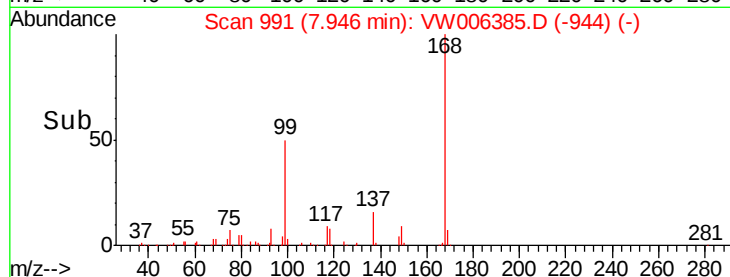
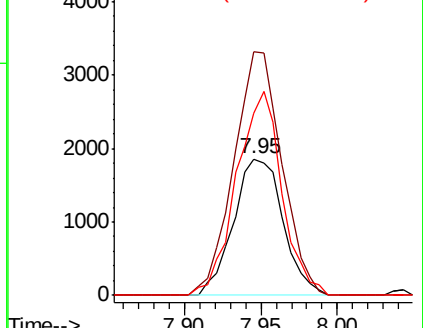
84 133.2 74.0 111.0#



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: 56.472 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006385.D

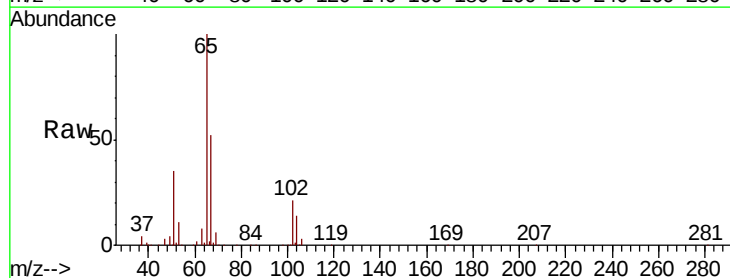
Acq: 26 Oct 2018 03:26

Tgt Ion: 65 Resp: 113106

Ion Ratio Lower Upper

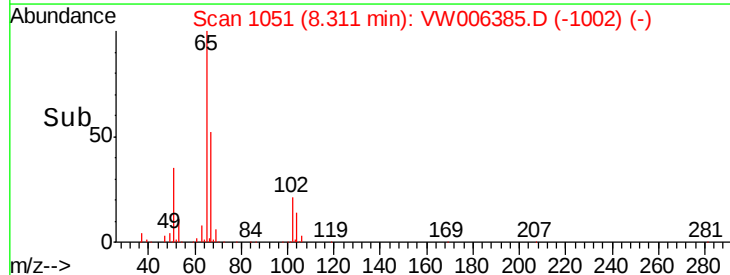
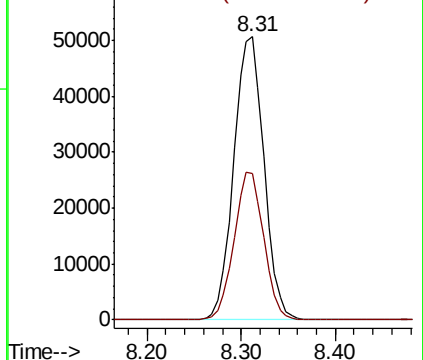
65 100

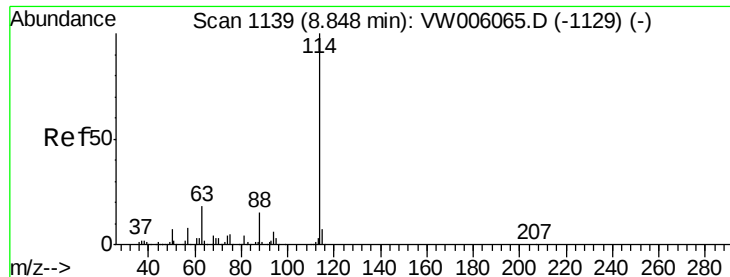
67 51.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

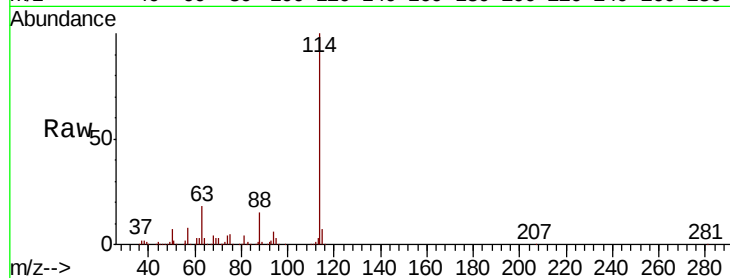




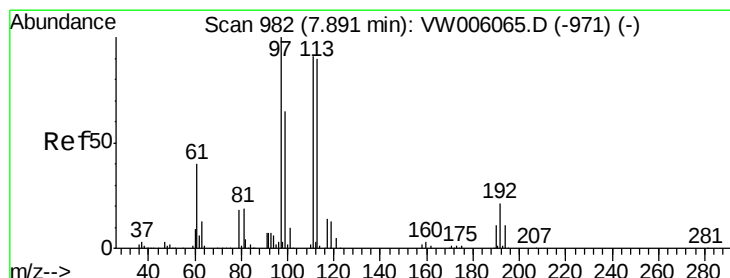
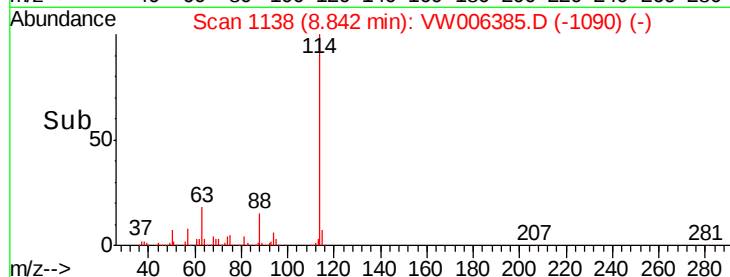
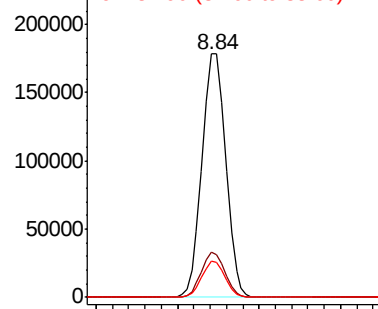
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006385.D
 Acq: 26 Oct 2018 03:26

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

Tot Ion:114 Resp: 358984
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.9 0.0 29.0

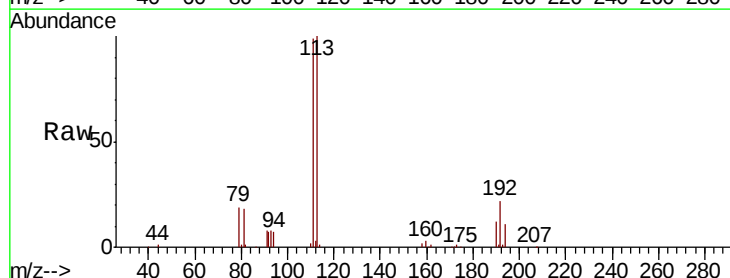


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

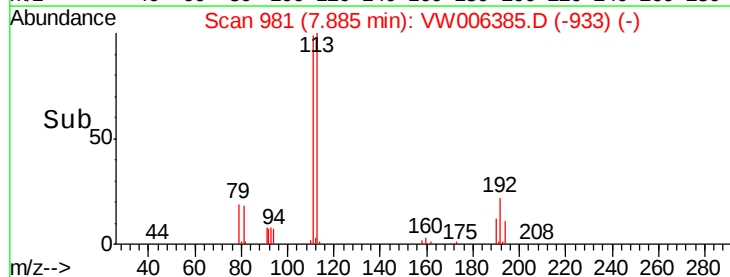
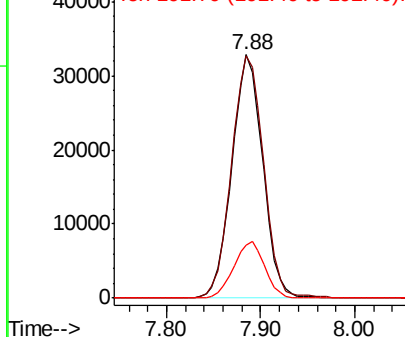


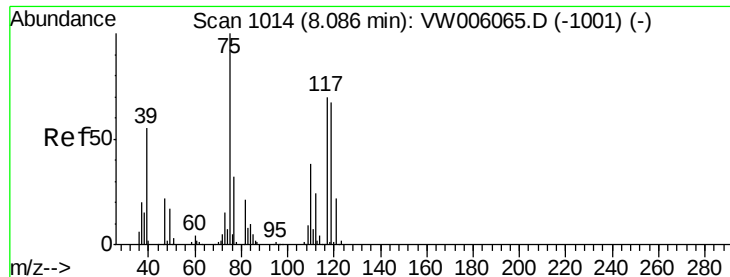
#35
 Dibromofluoromethane
 Concen: 35.437 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006385.D
 Acq: 26 Oct 2018 03:26

Tgt Ion:113 Resp: 75170
 Ion Ratio Lower Upper
 113 100
 111 102.6 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: 4.708 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

SB-3(6-8)

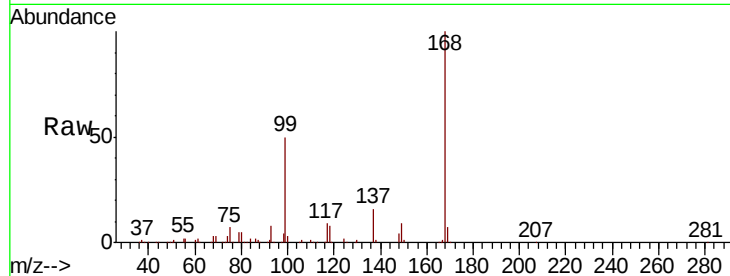
Tot Ion: 75 Resp: 15579

Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.1#

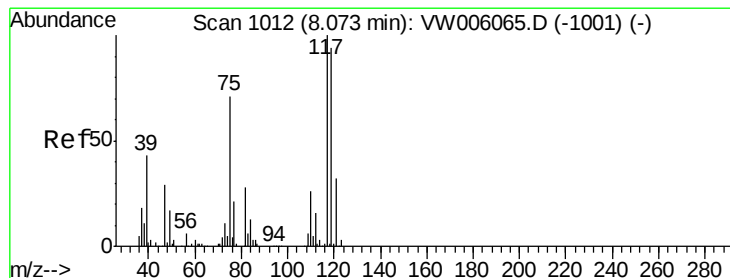
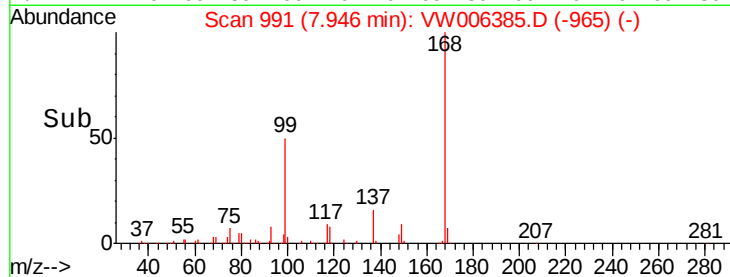
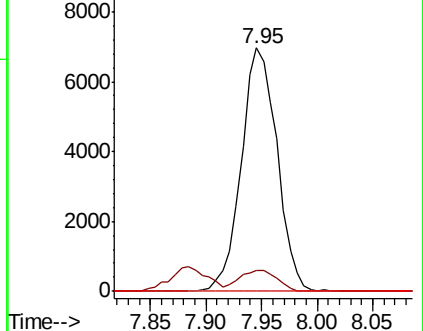
77 0.0 25.0 37.4#



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: 5.961 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

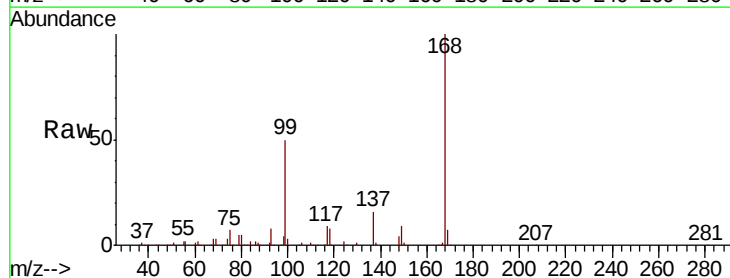
Tgt Ion: 117 Resp: 21621

Ion Ratio Lower Upper

117 100

119 5.1 75.2 112.8#

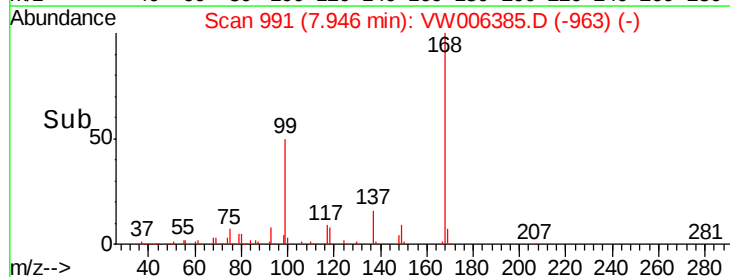
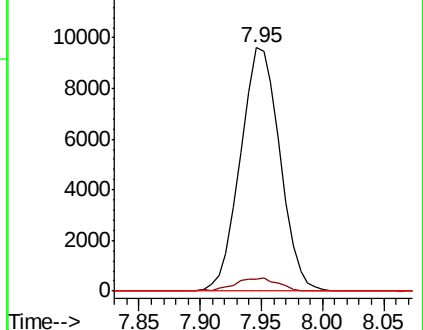
121 0.0 25.3 37.9#

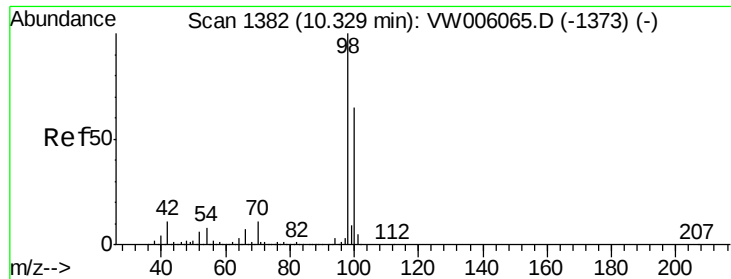


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.038 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

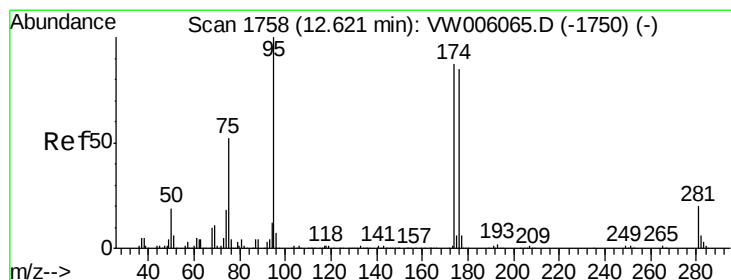
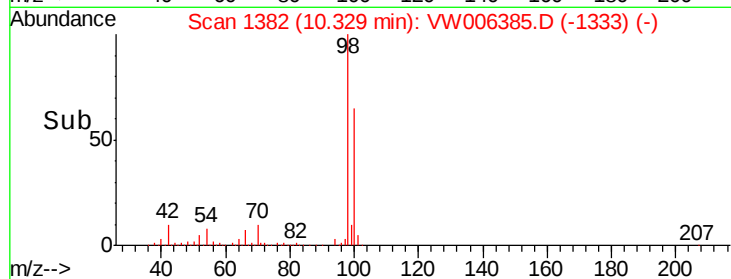
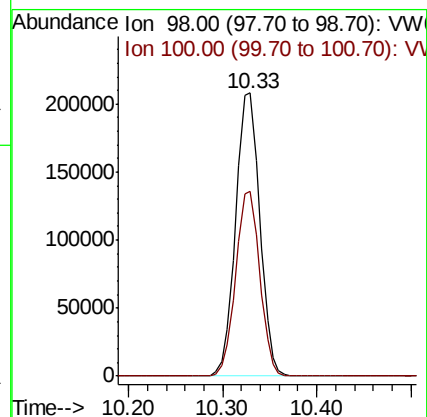
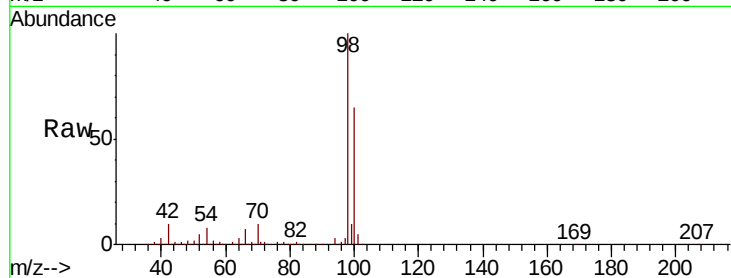
SB-3(6-8)

Tot Ion: 98 Resp: 371539

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.544 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

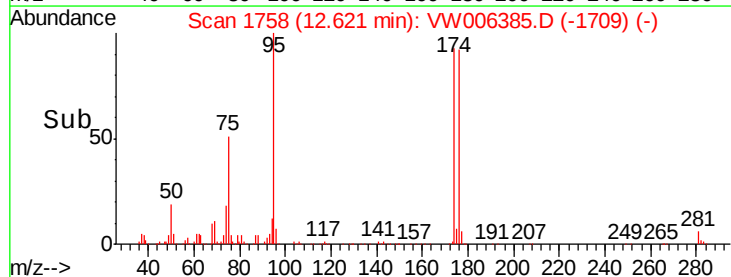
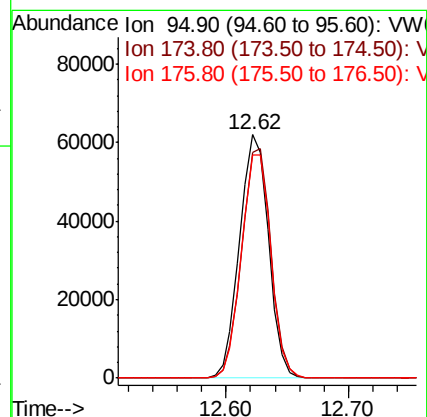
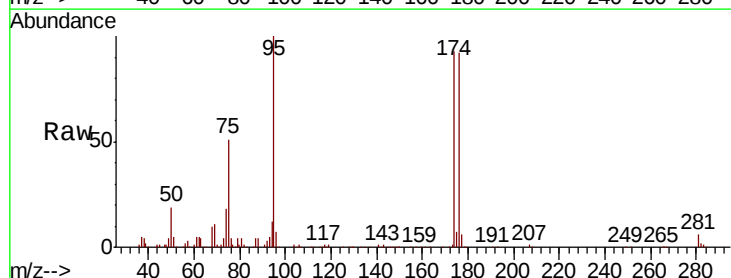
Tgt Ion: 95 Resp: 101674

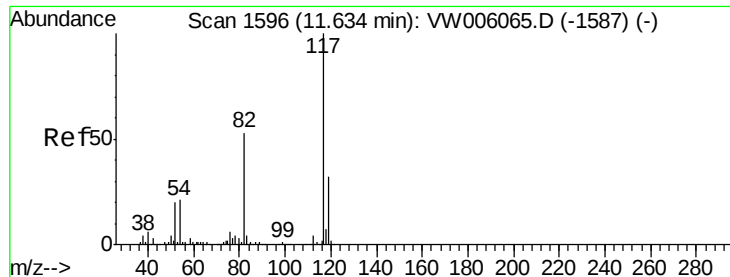
Ion Ratio Lower Upper

95 100

174 95.3 0.0 186.0

176 93.7 0.0 181.6

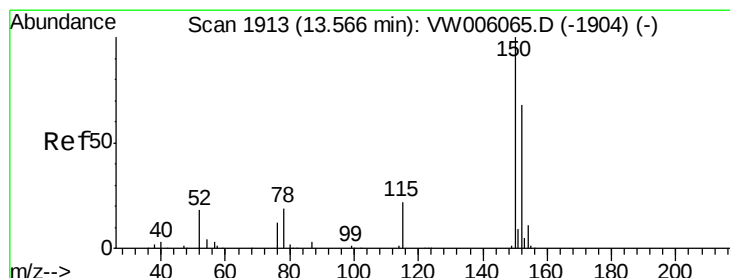
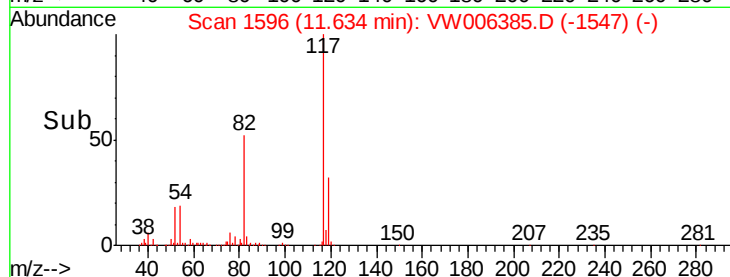
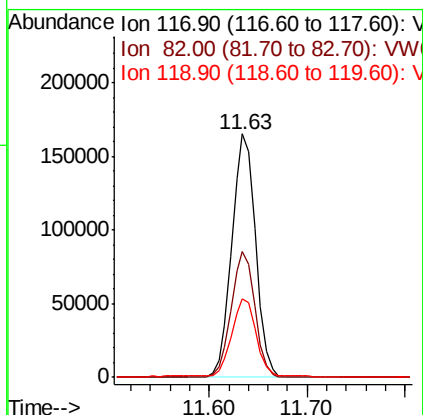
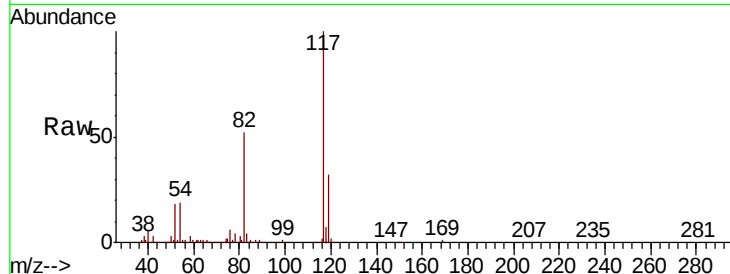




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006385.D
Acq: 26 Oct 2018 03:26

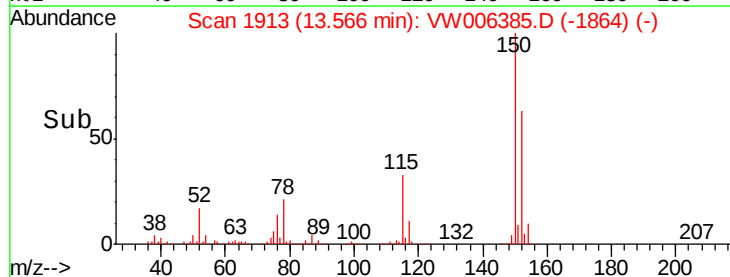
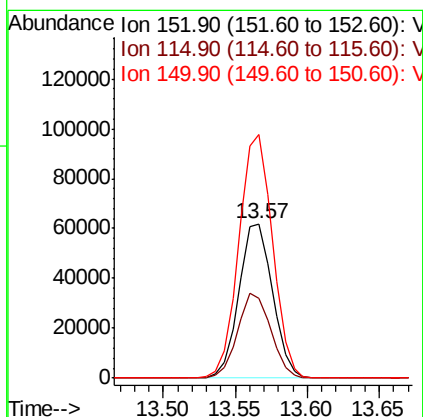
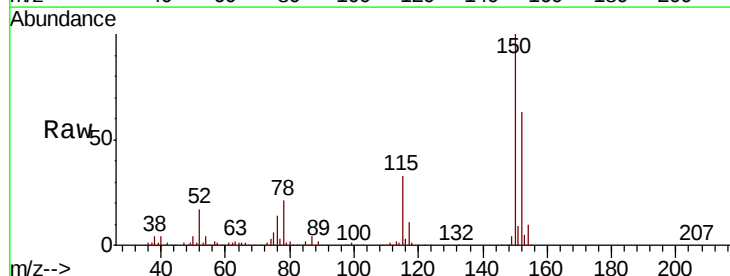
Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

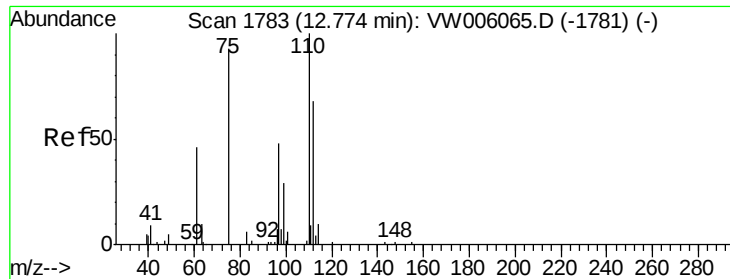
Tot Ion:117 Resp: 277776
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006385.D
Acq: 26 Oct 2018 03:26

Tgt Ion:152 Resp: 100371
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 157.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 66.831 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

Instrument :

MSVOA_W

ClientSampleId :

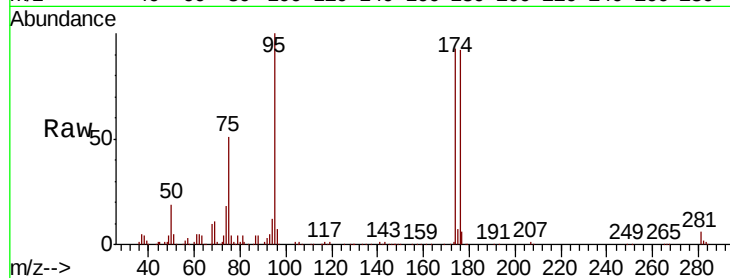
SB-3(6-8)

Tot Ion: 75 Resp: 51235

Ion Ratio Lower Upper

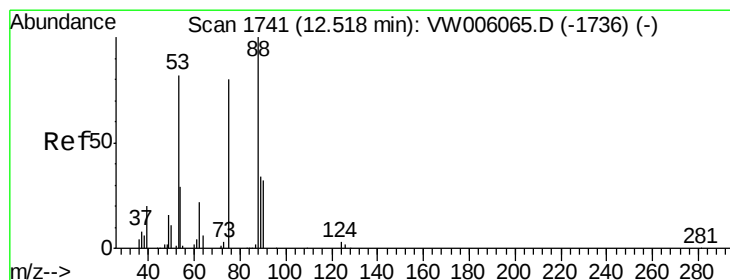
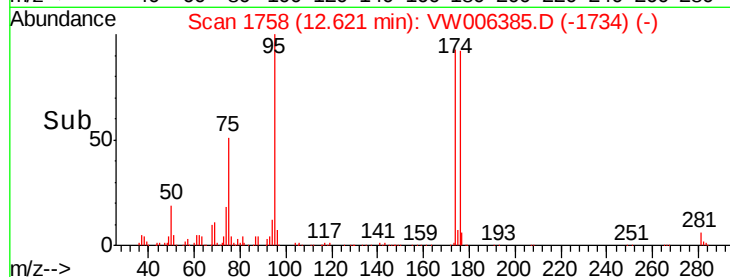
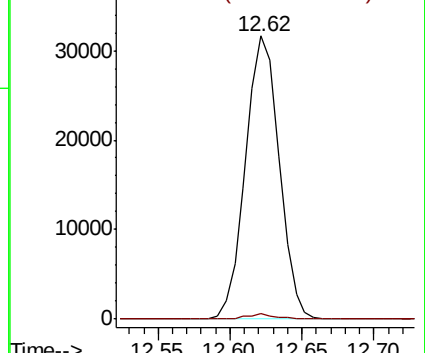
75 100

77 1.4 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: 159.752 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006385.D

Acq: 26 Oct 2018 03:26

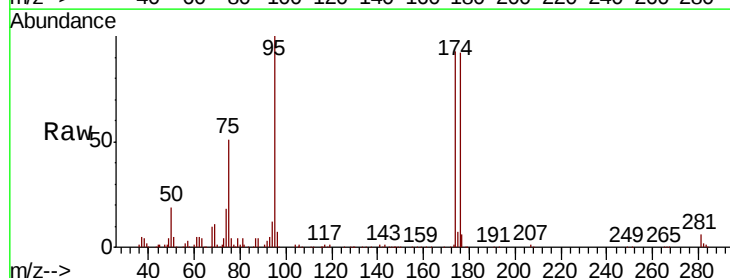
Tgt Ion: 75 Resp: 51235

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

