

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006284.D
 Acq On : 23 Oct 2018 07:30
 Operator : VA/AP
 Sample : J5621-07
 Misc : 4.65G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01C

Quant Time: Oct 23 08:34:29 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

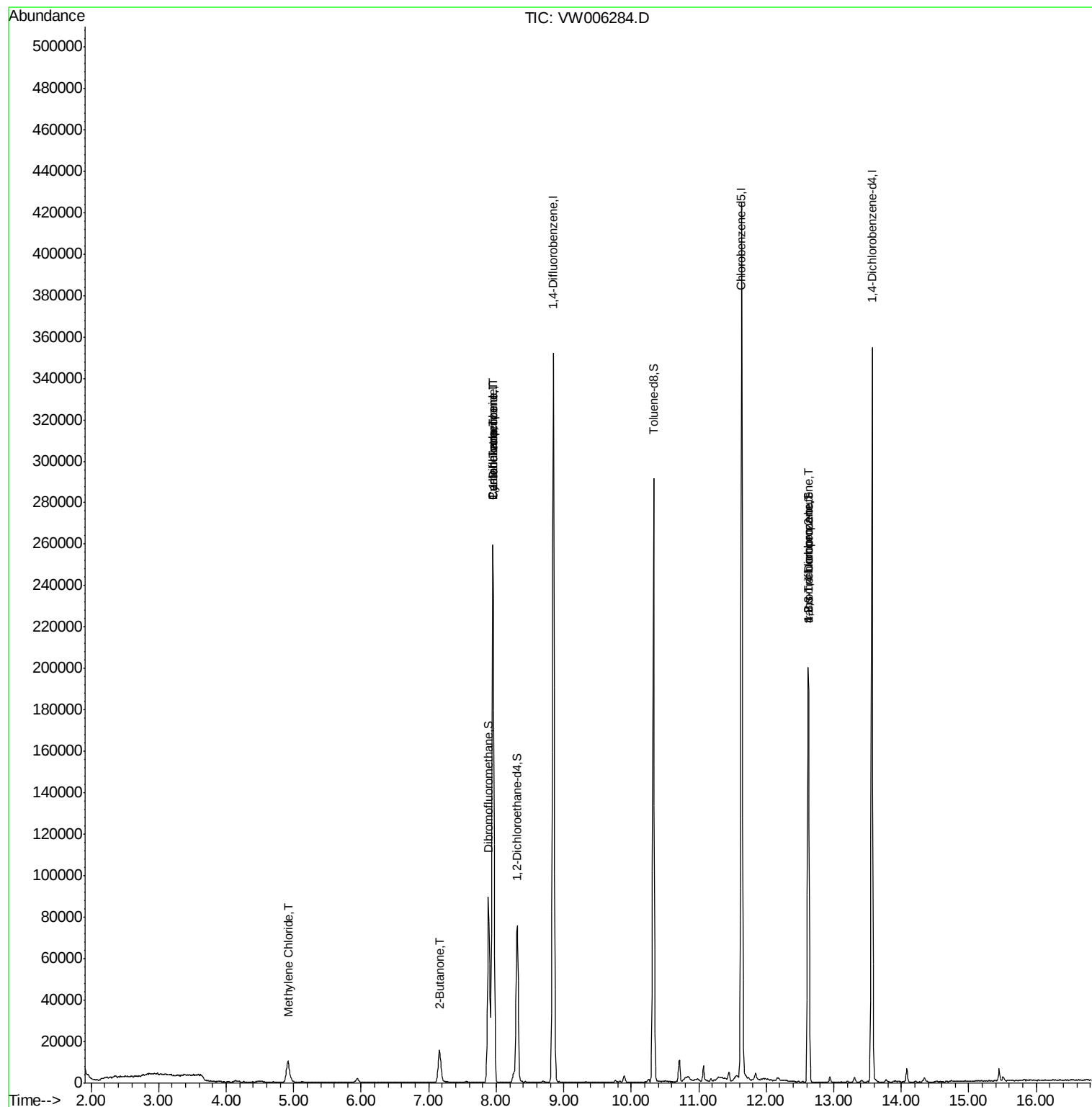
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	307978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	100915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60094	34.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.64%	
35) Dibromofluoromethane	7.88	113	62289	34.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.46%	
50) Toluene-d8	10.33	98	193013	27.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.76%	
62) 4-Bromofluorobenzene	12.62	95	58574	22.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.04%	
Target Compounds						
16) Acetone	4.14	43	883	Below Cal	#	78
20) Methylene Chloride	4.91	84	9078	3.382	ug/l	88
25) 2-Butanone	7.17	43	835	1.765	ug/l #	46
31) Cyclohexane	7.95	56	3767	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13987	4.927	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18685	6.004	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	30207	39.190	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30207	93.679	ug/l #	10

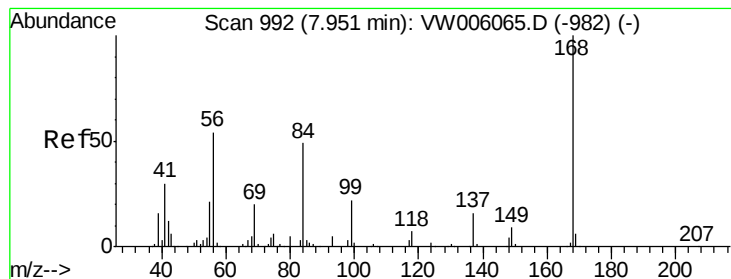
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006284.D
Acq On : 23 Oct 2018 07:30
Operator : VA/AP
Sample : J5621-07
Misc : 4.65G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01C

Quant Time: Oct 23 08:34:29 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: VW006284.D

Acq: 23 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

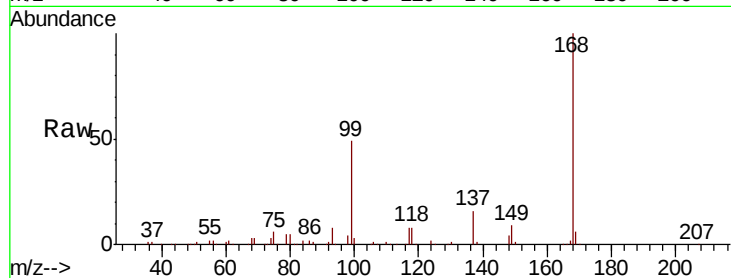
SA-SB-01C

Tot Ion:168 Resp: 211232

Ion Ratio Lower Upper

168 100

99 48.6 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

100000

80000

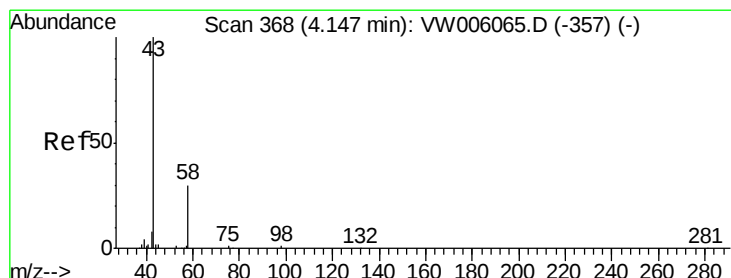
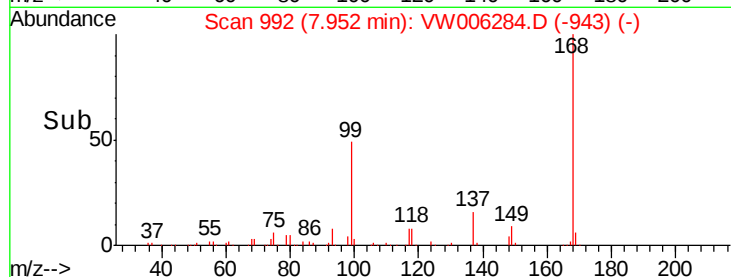
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006284.D

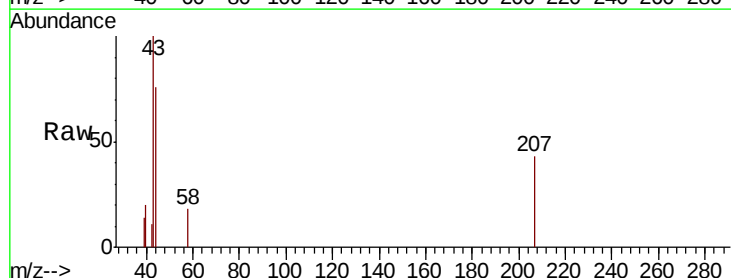
Acq: 23 Oct 2018 07:30

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 18.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

500

400

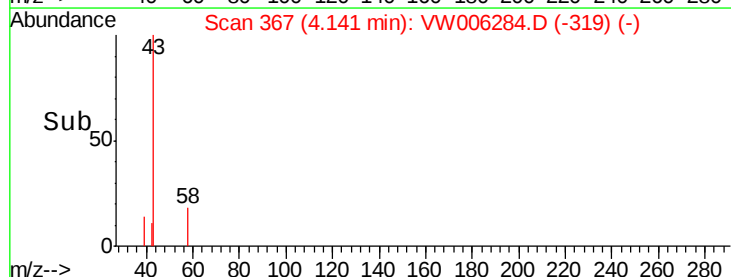
300

200

100

0

Time--> 4.10 4.15

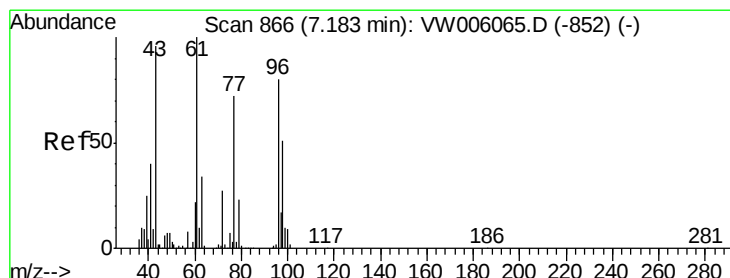
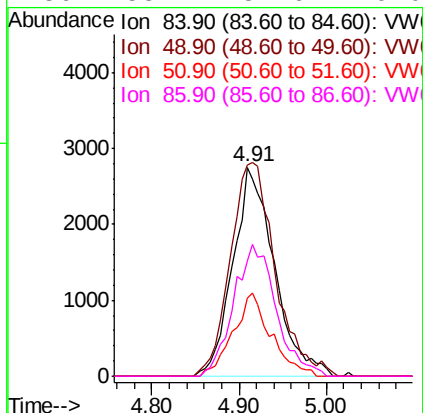
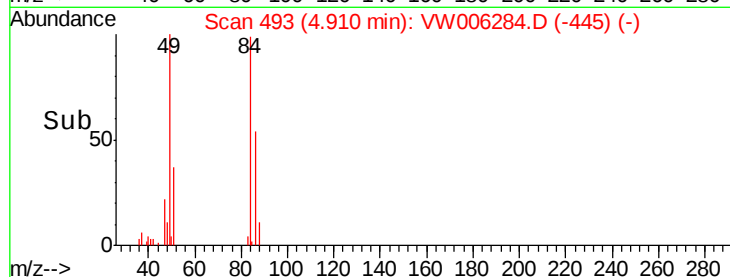
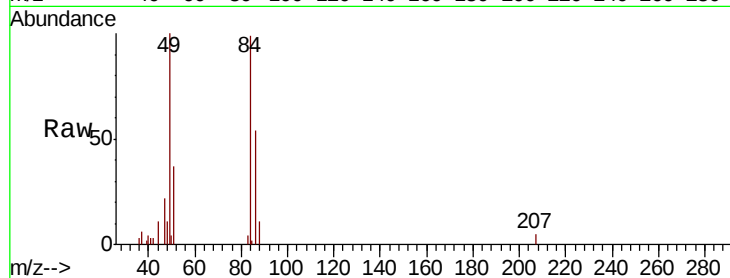




#20
Methvlene Chloride
Concen: 3.382 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006284.D
Acq: 23 Oct 2018 07:30

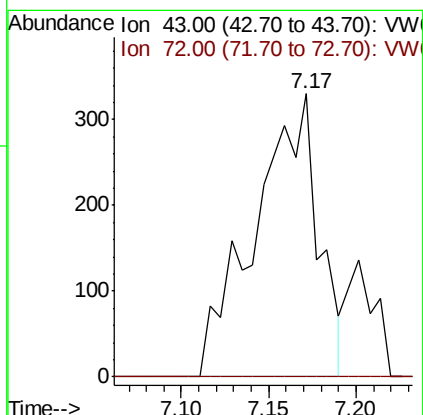
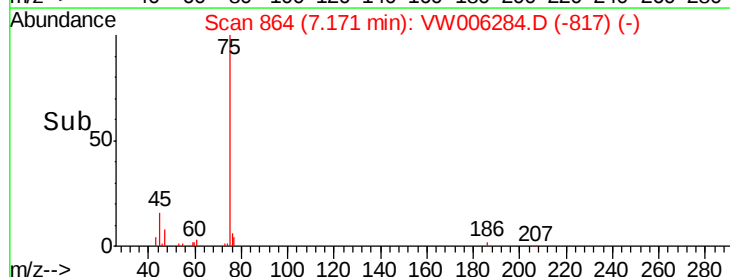
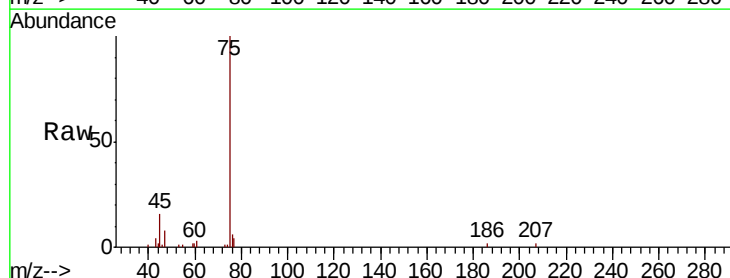
Instrument :
MSVOA_W
ClientSampled :
SA-SB-01C

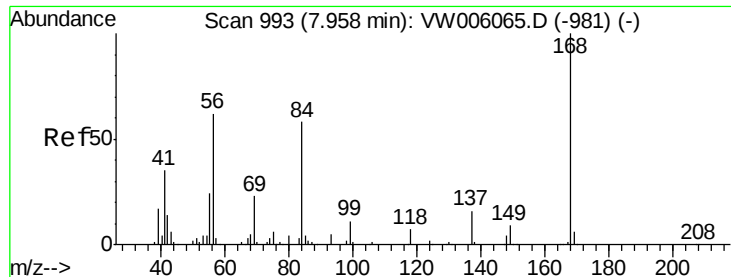
Tot Ion: 84 Resp: 9078
Ion Ratio Lower Upper
84 100
49 101.2 93.6 140.4
51 37.4 29.0 43.4
86 55.1 52.6 79.0



#25
2-Butanone
Concen: 1.765 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006284.D
Acq: 23 Oct 2018 07:30

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#

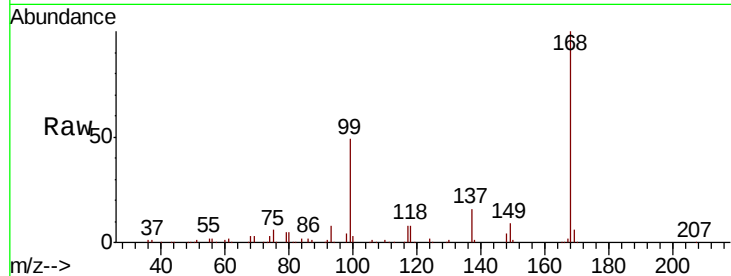




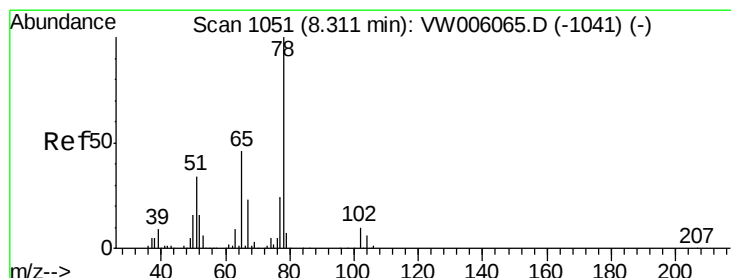
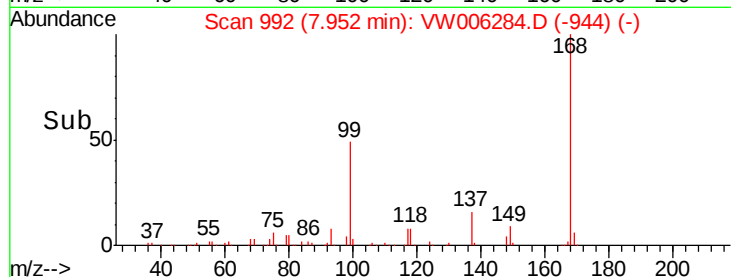
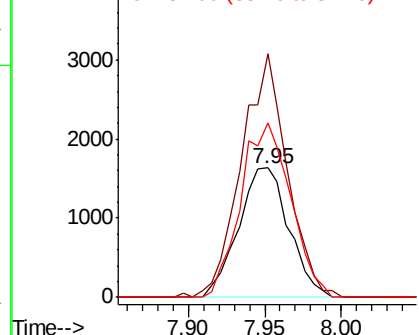
#31
Cvclohexane
Concen: 1.176 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006284.D
Acq: 23 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampled :
SA-SB-01C

Tot Ion: 56 Resp: 3767
Ion Ratio Lower Upper
56 100
69 187.8 29.4 44.0#
84 134.3 74.0 111.0#

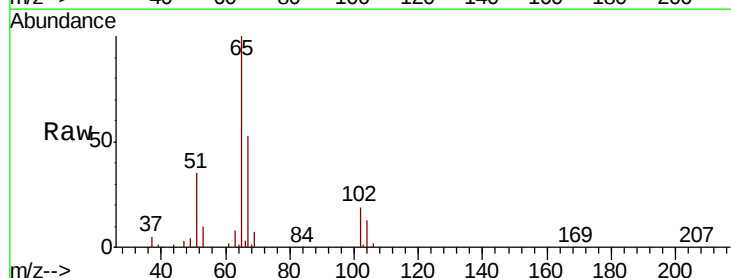


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

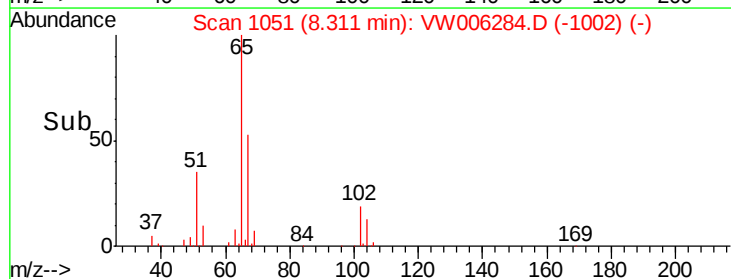
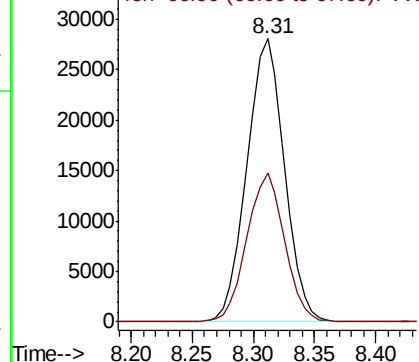


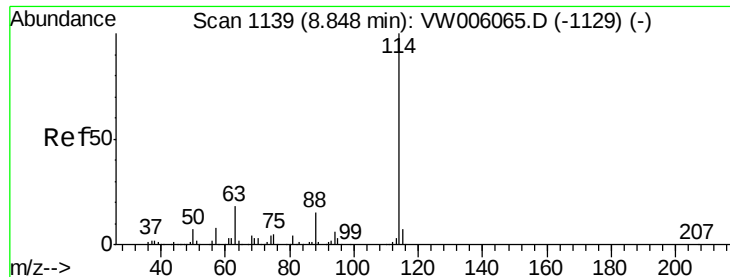
#33
1,2-Dichloroethane-d4
Concen: 34.315 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006284.D
Acq: 23 Oct 2018 07:30

Tgt Ion: 65 Resp: 60094
Ion Ratio Lower Upper
65 100
67 52.8 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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006284.D

Acq: 23 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

SA-SB-01C

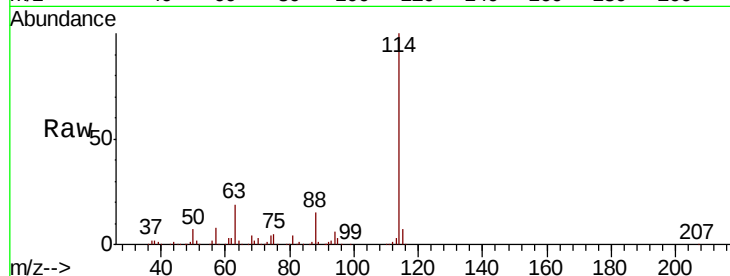
Tot Ion:114 Resp: 307978

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.5 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

8.85

200000

150000

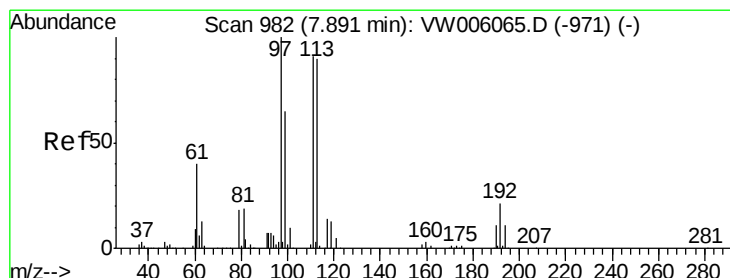
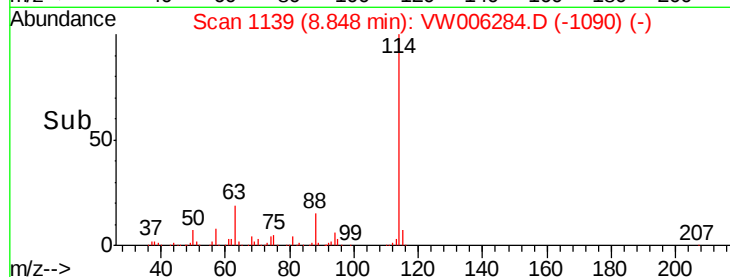
100000

50000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#35

Dibromofluoromethane

Concen: 34.228 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006284.D

Acq: 23 Oct 2018 07:30

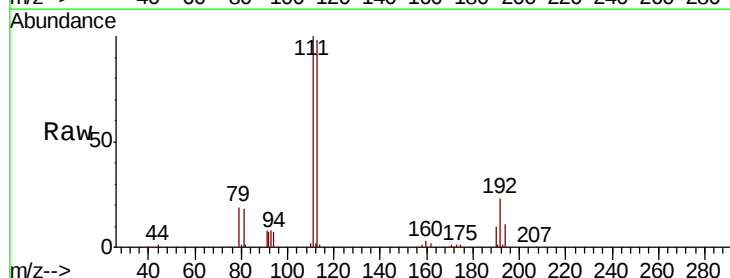
Tgt Ion:113 Resp: 62289

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 23.9 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

7.88

30000

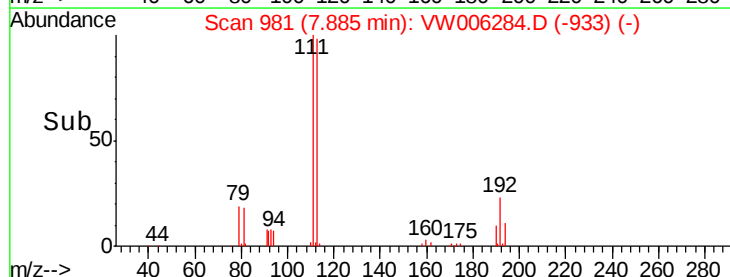
20000

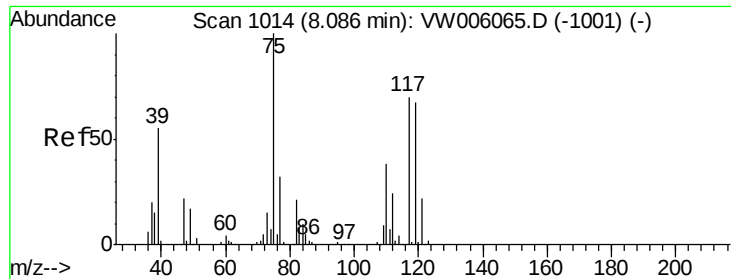
10000

0

7.80 7.90 8.00

Time-->

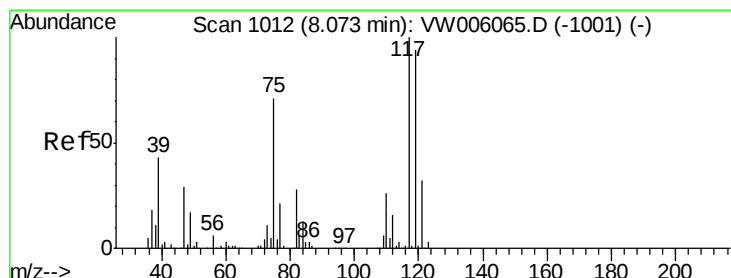
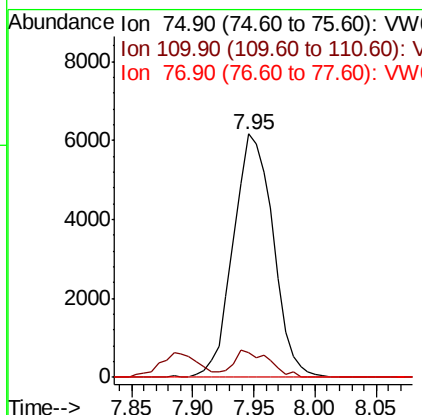
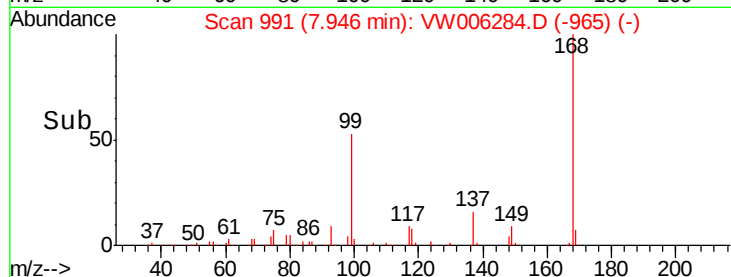
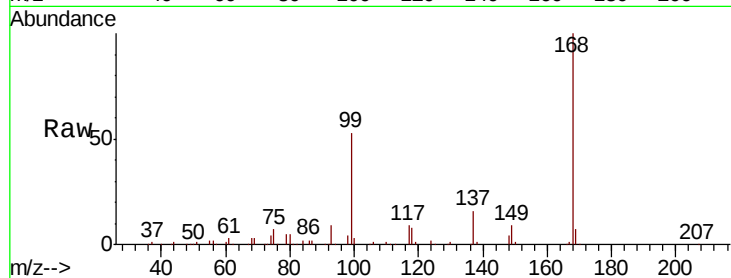




#36
 1,1-Dichloropropene
 Concen: 4.927 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006284.D
 Acq: 23 Oct 2018 07:30

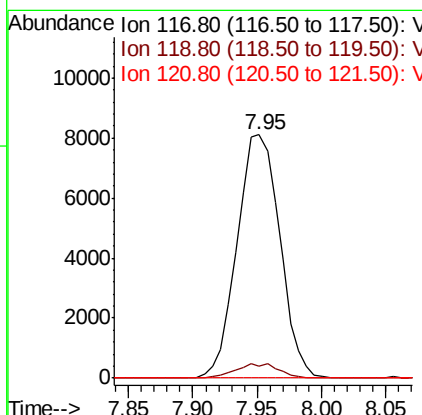
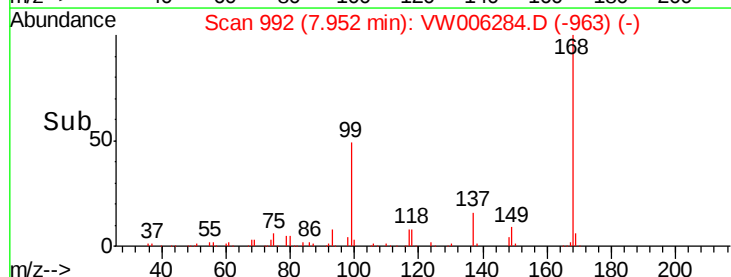
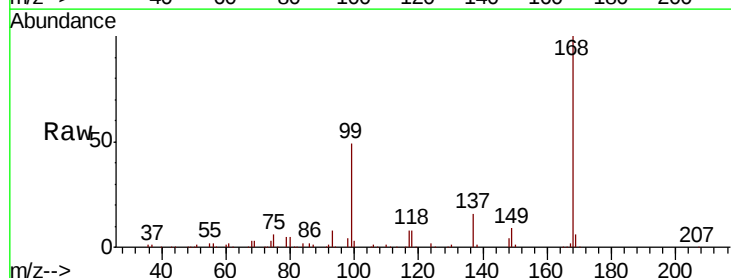
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SB-01C

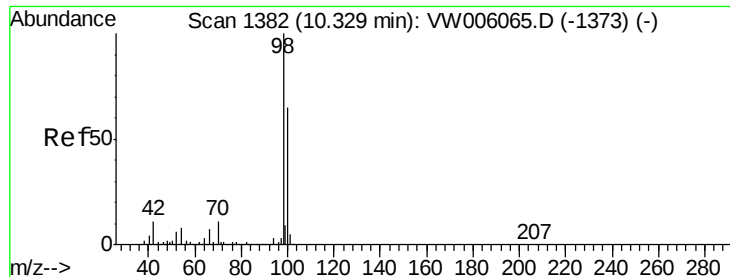
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.004 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006284.D
 Acq: 23 Oct 2018 07:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 27.878 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006284.D

Acq: 23 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampleId :

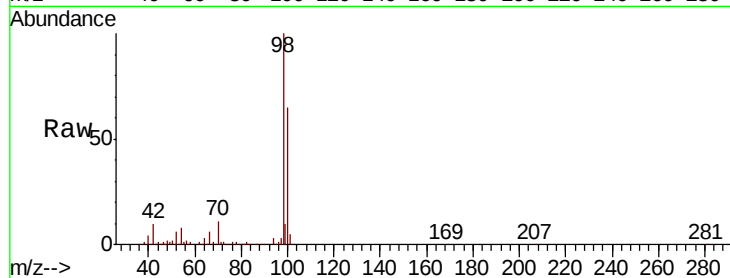
SA-SB-01C

Tot Ion: 98 Resp: 193013

Ion Ratio Lower Upper

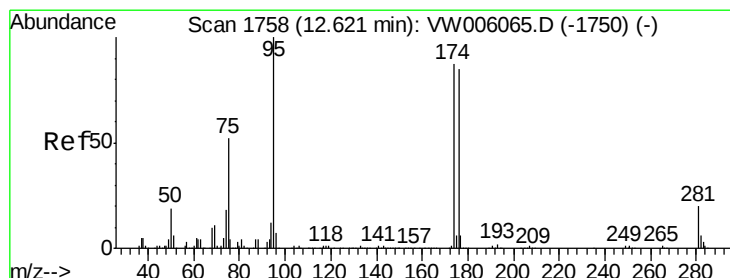
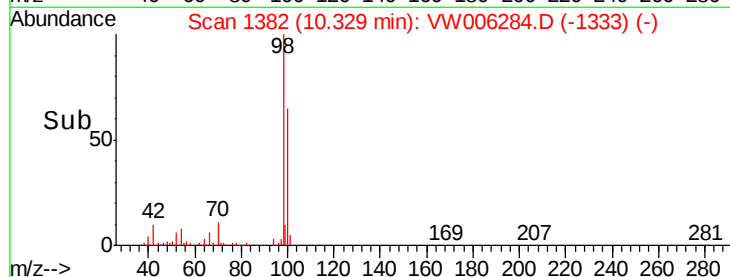
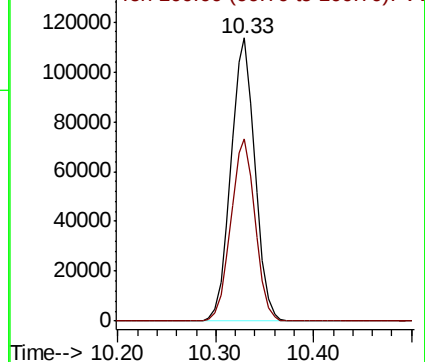
98 100

100 64.8 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: 22.525 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006284.D

Acq: 23 Oct 2018 07:30

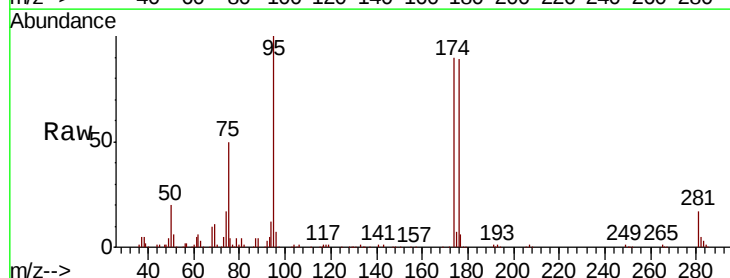
Tgt Ion: 95 Resp: 58574

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

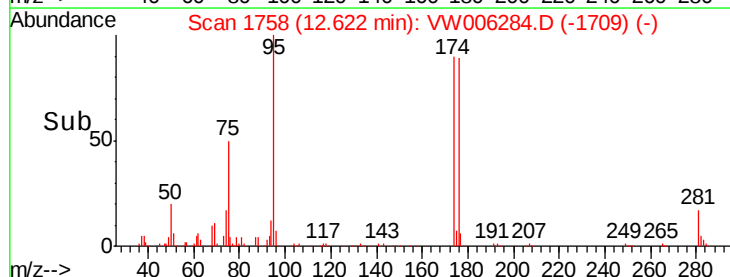
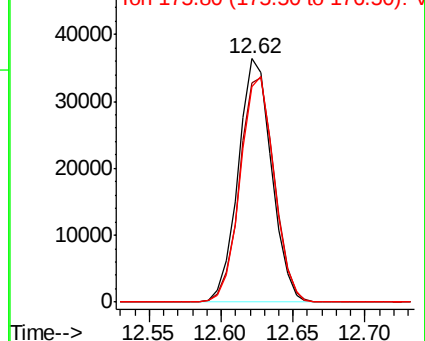
176 93.5 0.0 181.6

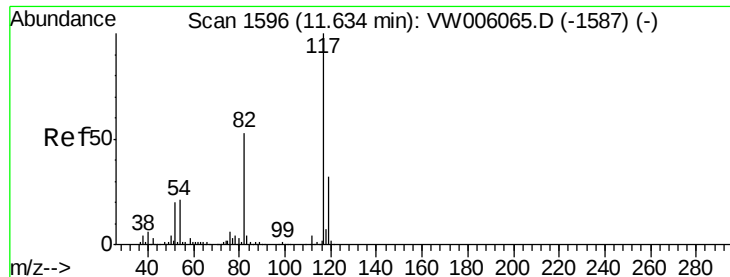


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

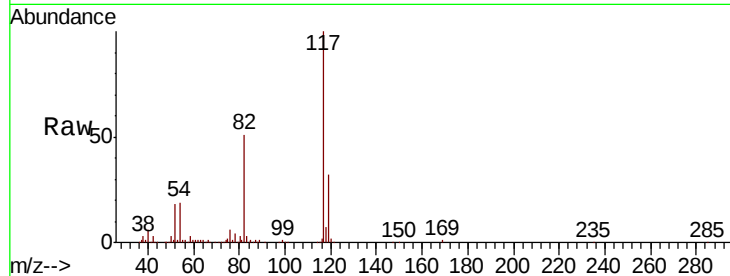




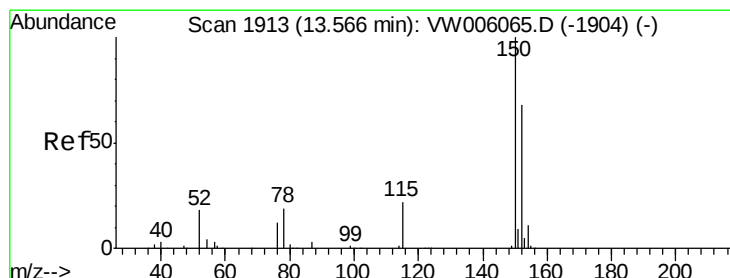
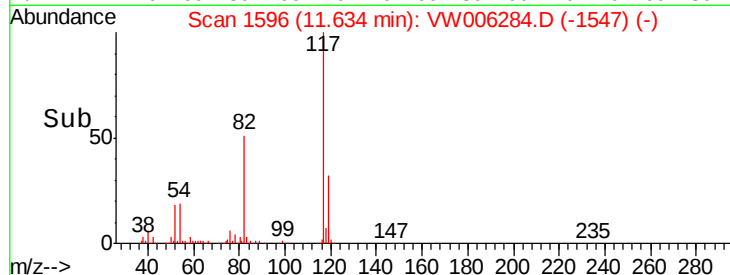
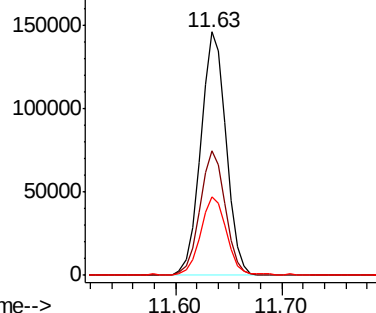
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006284.D
Acq: 23 Oct 2018 07:30

Instrument :
MSVOA_W
ClientSampleId :
SA-SB-01C

Tot Ion:117 Resp: 243872
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 31.9 25.8 38.6

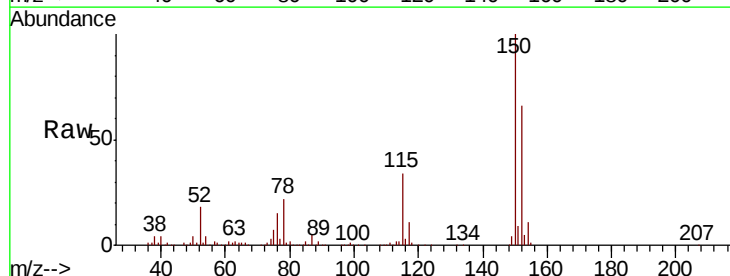


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

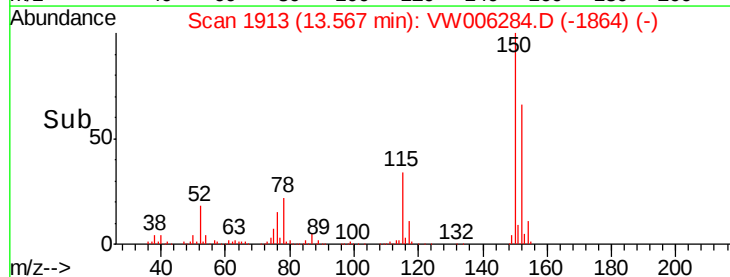
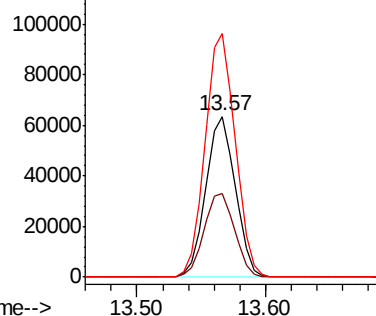


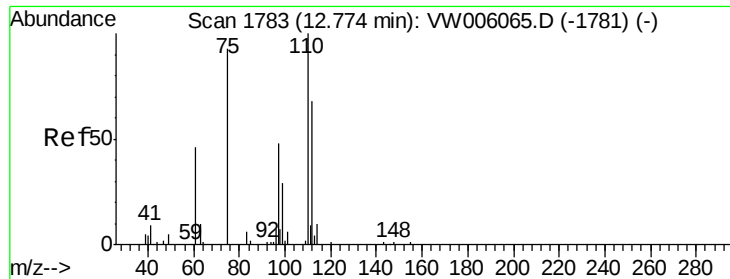
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006284.D
Acq: 23 Oct 2018 07:30

Tgt Ion:152 Resp: 100915
Ion Ratio Lower Upper
152 100
115 53.6 27.8 83.3
150 154.5 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: 39.190 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006284.D

Acq: 23 Oct 2018 07:30

Instrument :

MSVOA_W

ClientSampled :

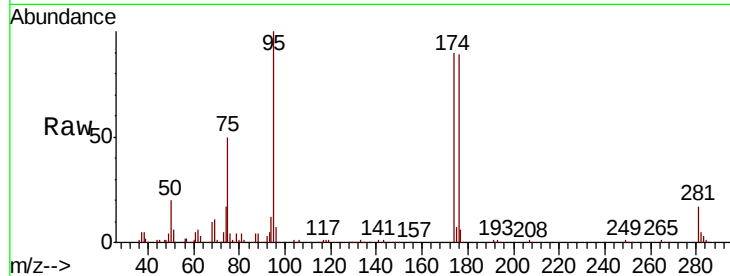
SA-SB-01C

Tot Ion: 75 Resp: 30207

Ion Ratio Lower Upper

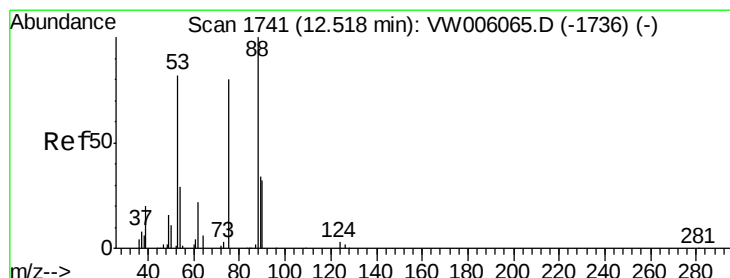
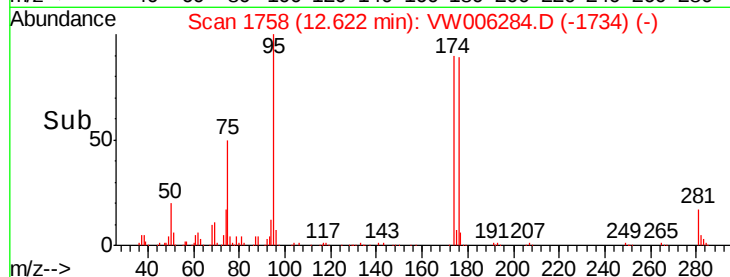
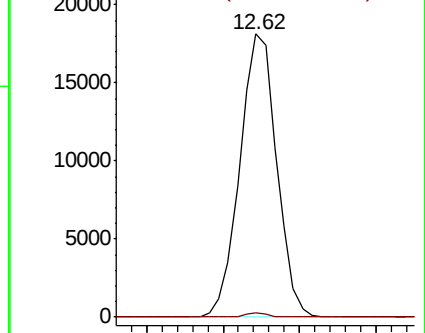
75 100

77 1.0 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: 93.679 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006284.D

Acq: 23 Oct 2018 07:30

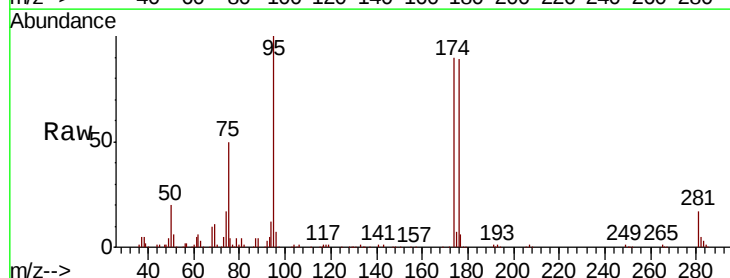
Tgt Ion: 75 Resp: 30207

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

