

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006288.D
 Acq On : 23 Oct 2018 09:14
 Operator : VA/AP
 Sample : J5624-04
 Misc : 5.59G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 23 14:35:05 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	251380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177557	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	77474	37.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.34%	
35) Dibromofluoromethane	7.88	113	78198	34.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.76%	
50) Toluene-d8	10.33	98	266929	31.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.58%	
62) 4-Bromofluorobenzene	12.62	95	103080	32.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.36%	

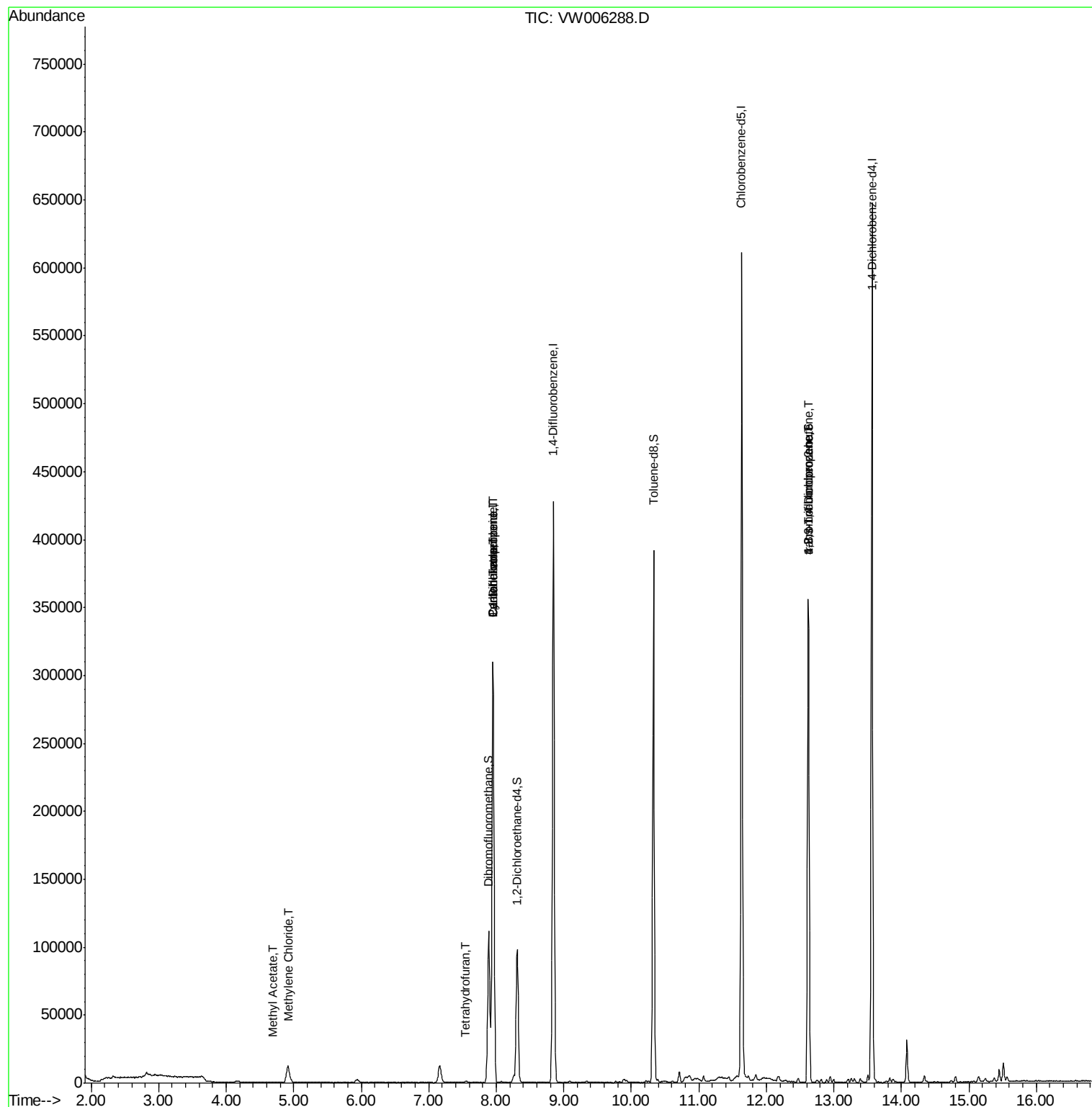
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2295	Below Cal		95
18) Methyl Acetate	4.69	43	1118	1.066	ug/l #	63
20) Methylene Chloride	4.92	84	10350	3.169	ug/l	93
29) Tetrahydrofuran	7.55	42	686	1.982	ug/l #	83
31) Cyclohexane	7.95	56	5003	1.312	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	16406	4.691	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22584	5.891	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	51917	38.282	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51917	91.508	ug/l #	10

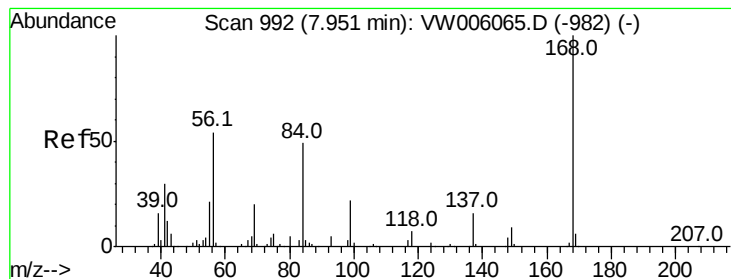
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
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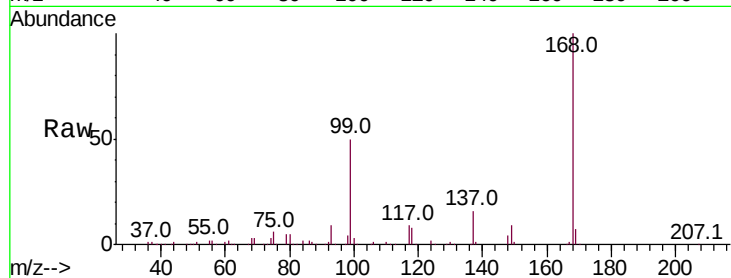


#1

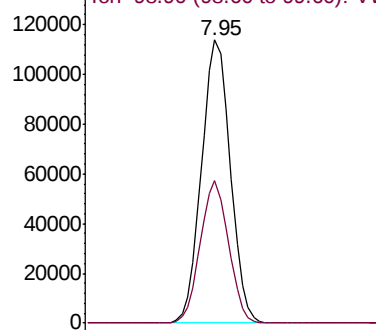
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006288.D
 Acq: 23 Oct 2018 09:14

Instrument :
 MSVOA_W
 ClientSampleId :

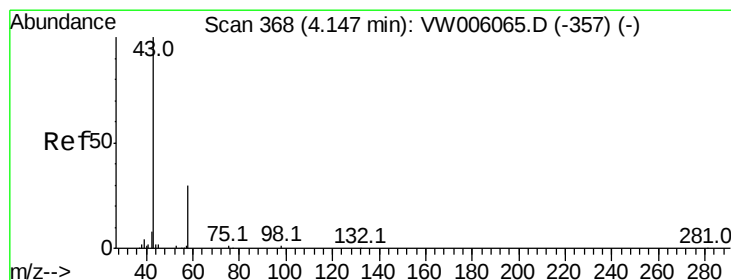
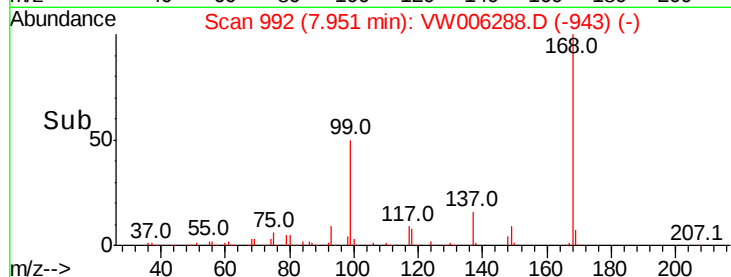
Tot Ion:168 Resp: 251380
 Ion Ratio Lower Upper
 168 100
 99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



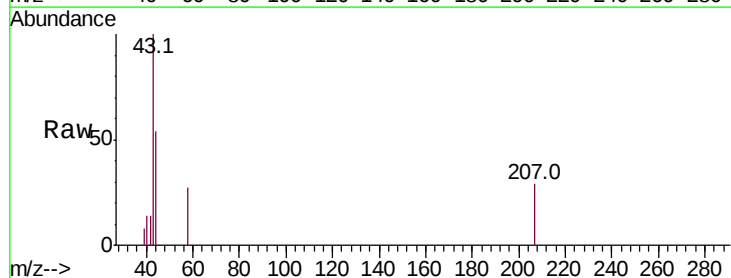
Time-->



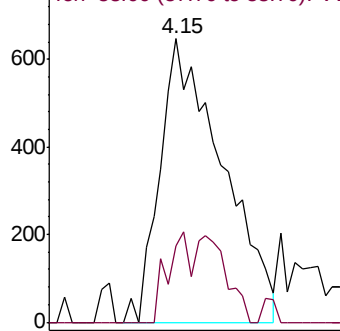
#16

Acetone
 Concen: Below Cal
 RT: 4.15 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VW006288.D
 Acq: 23 Oct 2018 09:14

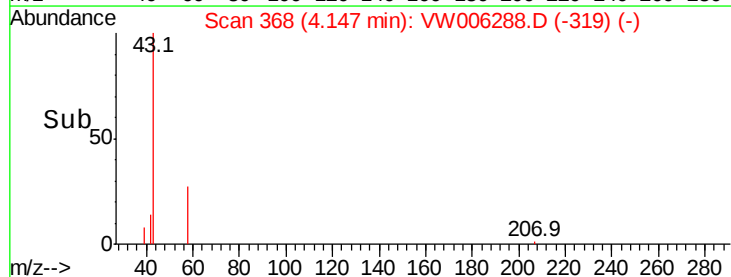
Tgt Ion: 43 Resp: 2295
 Ion Ratio Lower Upper
 43 100
 58 27.0 24.0 36.0

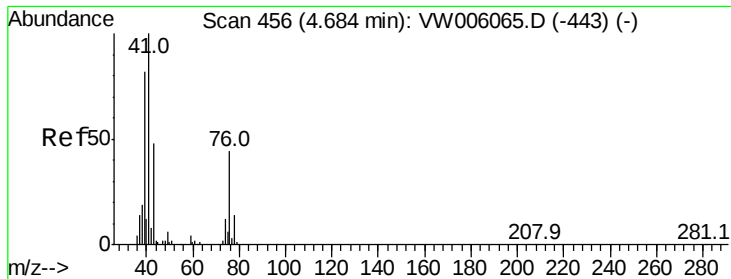


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW



Time-->





#18

Methyl Acetate

Concen: 1.066 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Instrument :

MSVOA_W

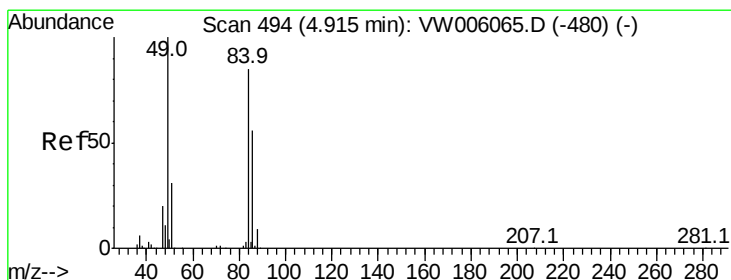
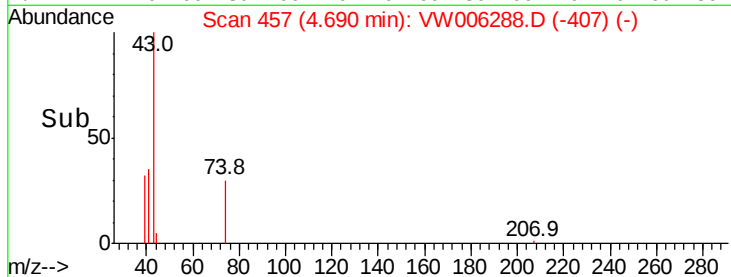
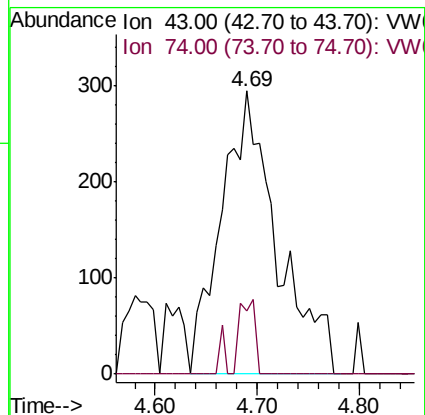
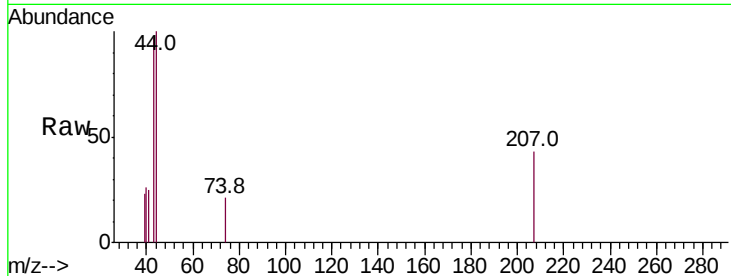
ClientSampled :

Tot Ion: 43 Resp: 1118

Ion Ratio Lower Upper

43 100

74 7.1 20.5 30.7#



#20

Methylene Chloride

Concen: 3.169 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Tgt Ion: 84 Resp: 10350

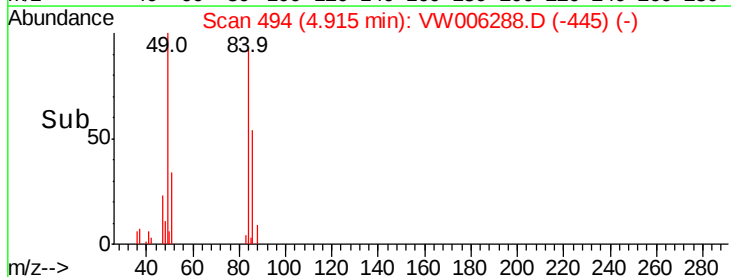
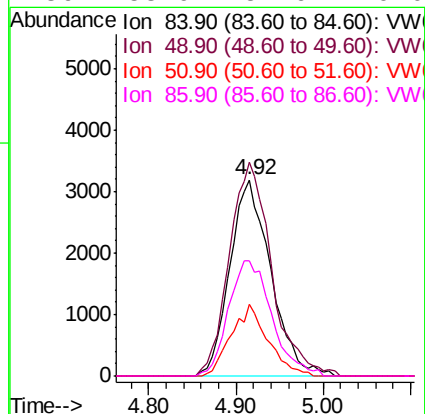
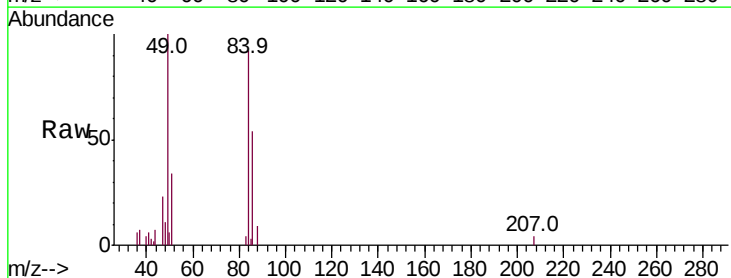
Ion Ratio Lower Upper

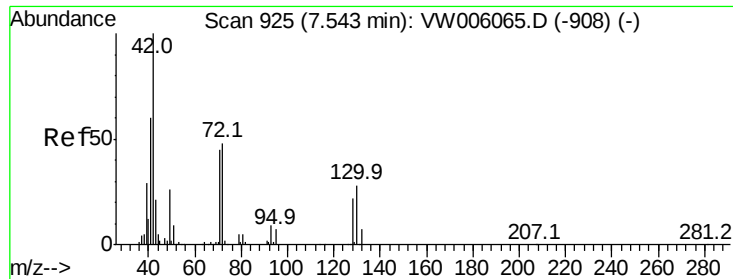
84 100

49 108.7 93.6 140.4

51 36.6 29.0 43.4

86 58.9 52.6 79.0

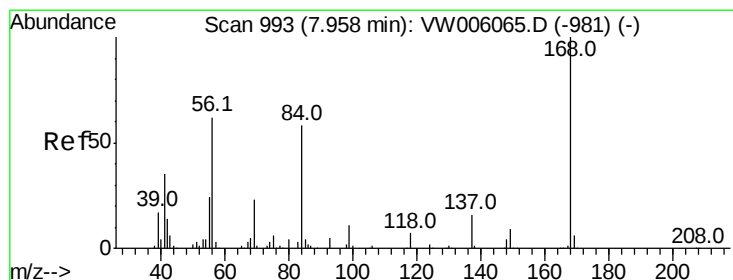
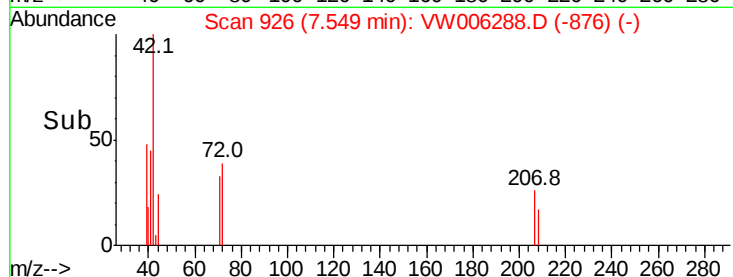
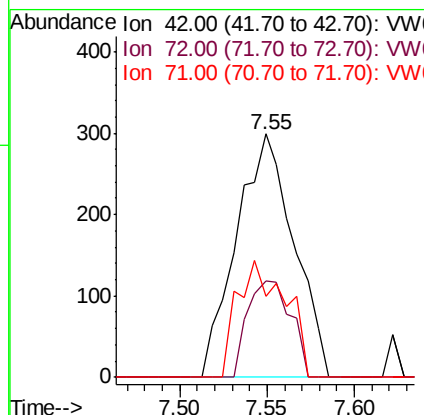
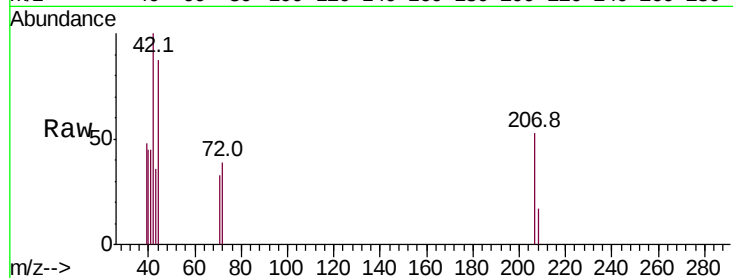




#29
Tetrahydrofuran
Concen: 1.982 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006288.D
Acq: 23 Oct 2018 09:14

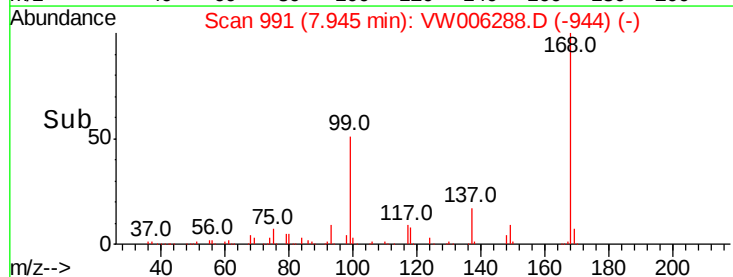
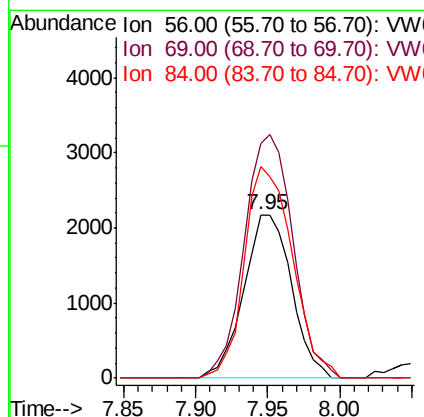
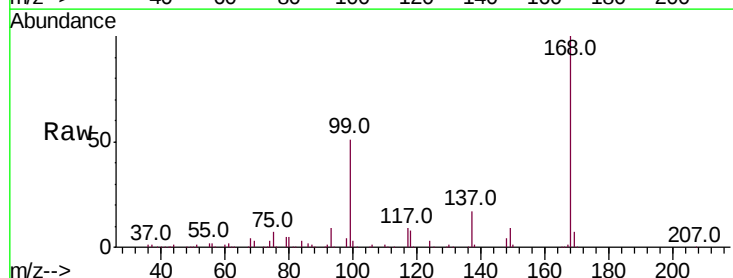
Instrument :
MSVOA_W
ClientSampleId :

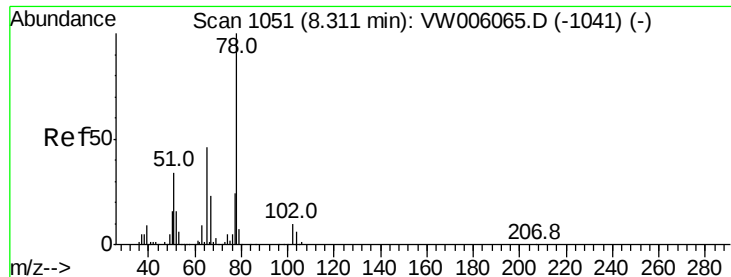
Tot Ion: 42 Resp: 686
Ion Ratio Lower Upper
42 100
72 29.7 38.0 57.0#
71 40.1 35.3 52.9



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006288.D
Acq: 23 Oct 2018 09:14

Tgt Ion: 56 Resp: 5003
Ion Ratio Lower Upper
56 100
69 143.3 29.4 44.0#
84 129.3 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 37.174 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Instrument :

MSVOA_W

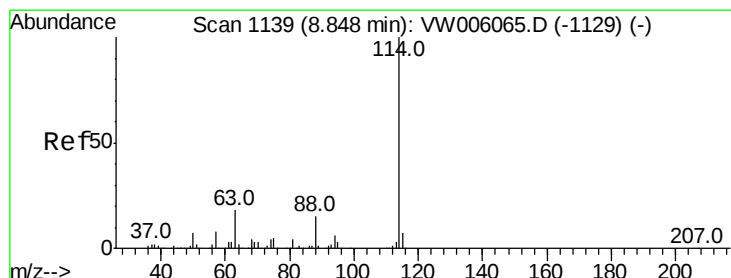
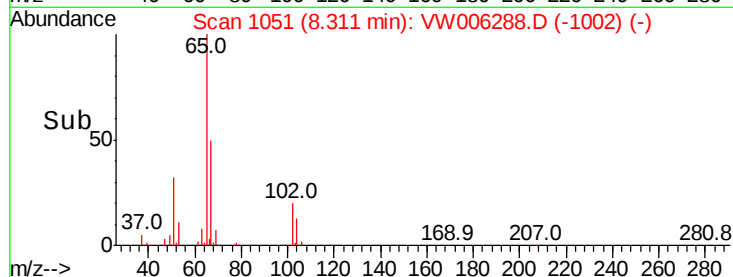
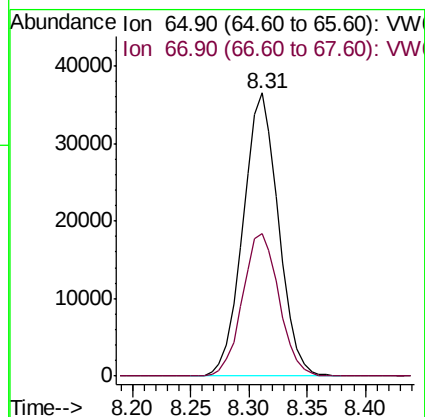
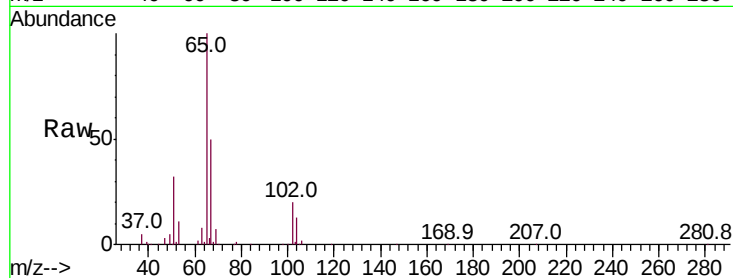
ClientSampleId :

Tot Ion: 65 Resp: 77474

Ion Ratio Lower Upper

65 100

67 51.9 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: VW006288.D

Acq: 23 Oct 2018 09:14

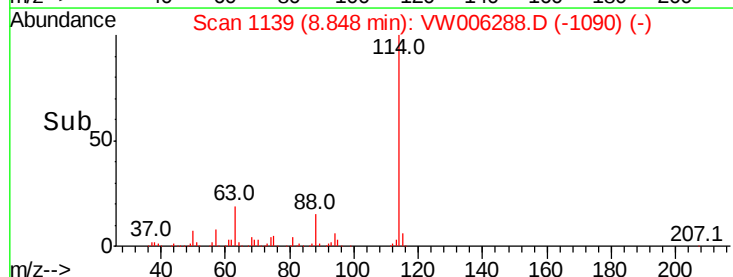
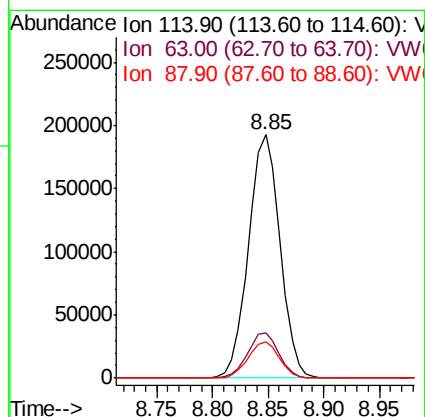
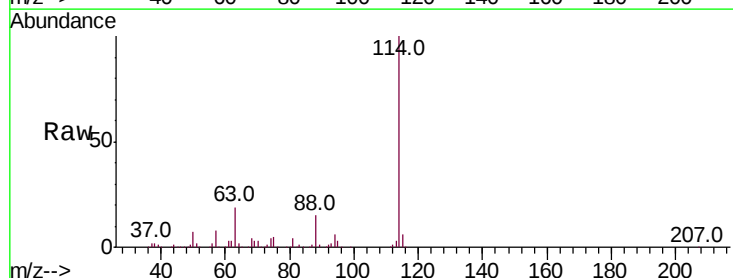
Tgt Ion: 114 Resp: 379415

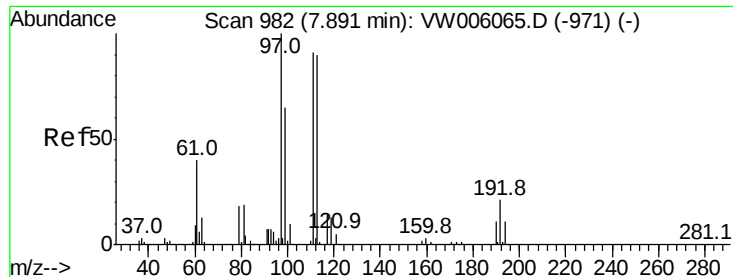
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 34.880 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Instrument :
MSVOA_W
ClientSampleId :

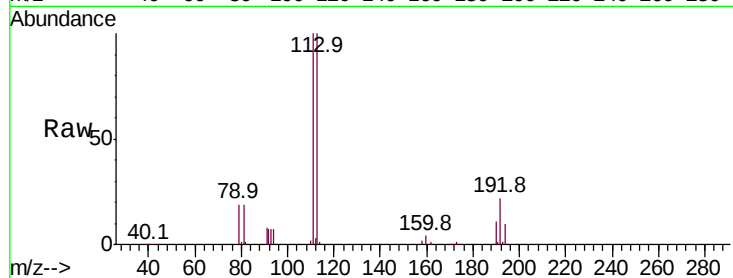
Tot Ion:113 Resp: 78198

Ion Ratio Lower Upper

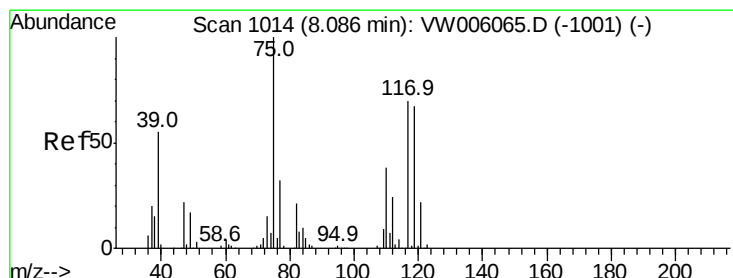
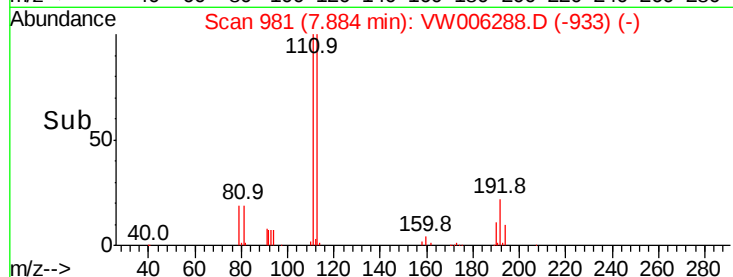
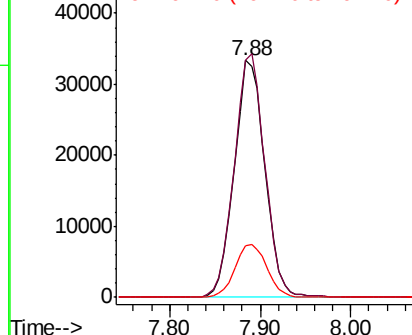
113 100

111 102.4 81.4 122.0

192 23.1 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: 4.691 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

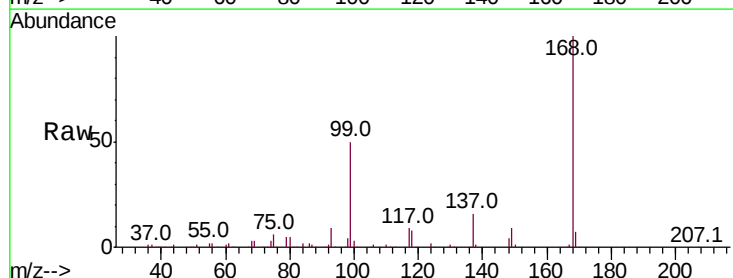
Tgt Ion: 75 Resp: 16406

Ion Ratio Lower Upper

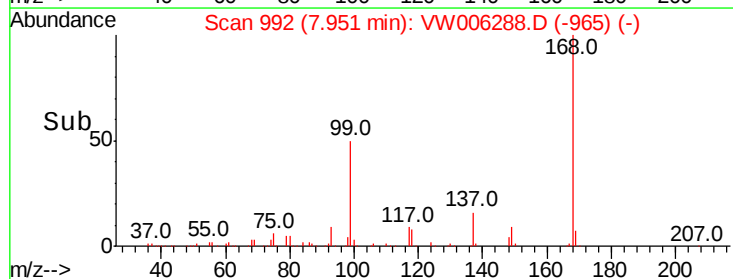
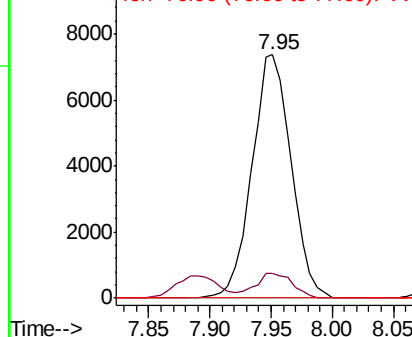
75 100

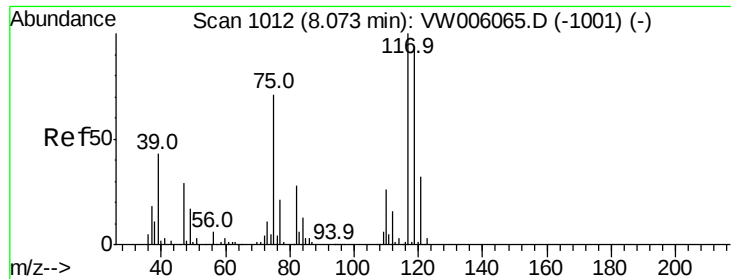
110 9.8 19.1 57.1#

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: 5.891 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Instrument :

MSVOA_W

ClientSampled :

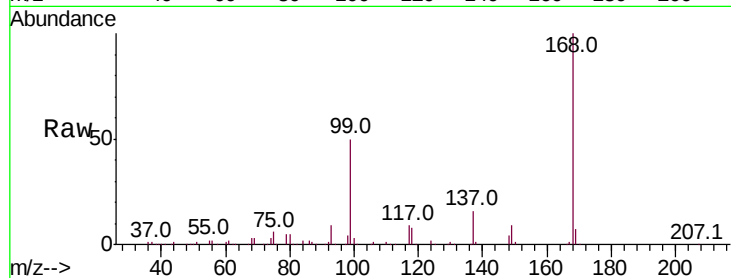
Tot Ion:117 Resp: 22584

Ion Ratio Lower Upper

117 100

119 4.5 75.2 112.8#

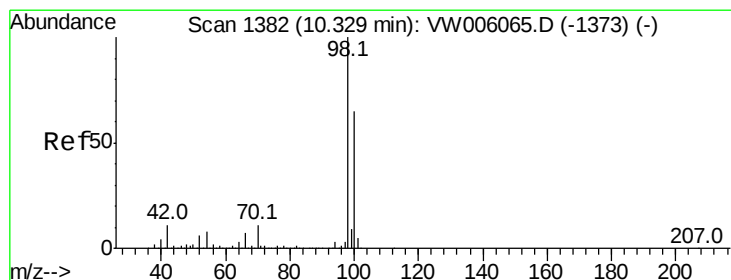
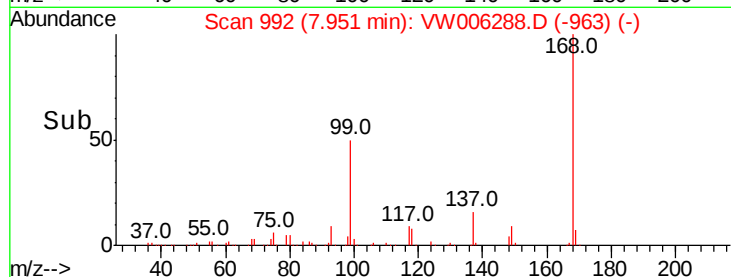
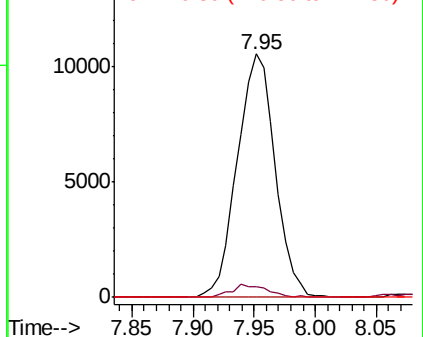
121 0.0 25.3 37.9#



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: 31.295 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006288.D

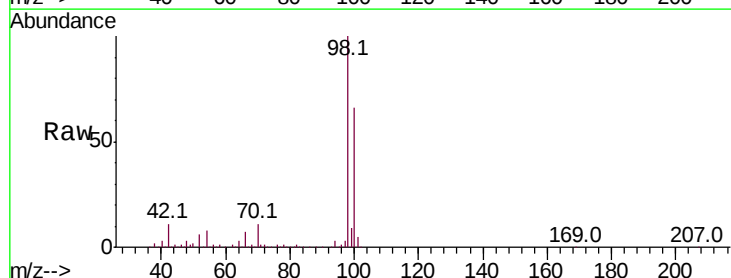
Acq: 23 Oct 2018 09:14

Tgt Ion: 98 Resp: 266929

Ion Ratio Lower Upper

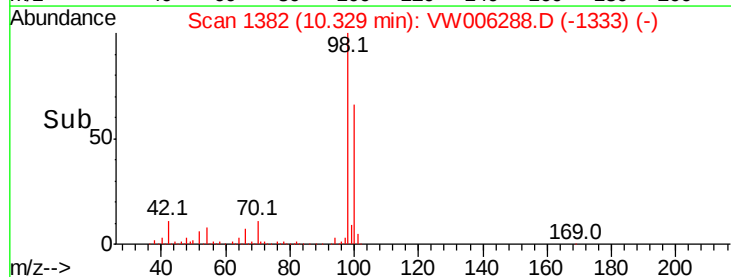
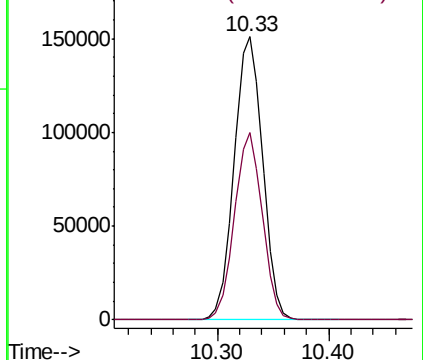
98 100

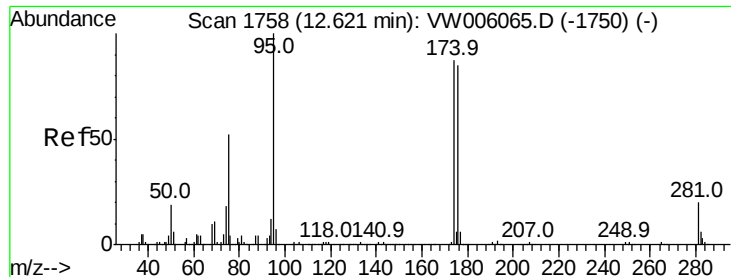
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 32.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

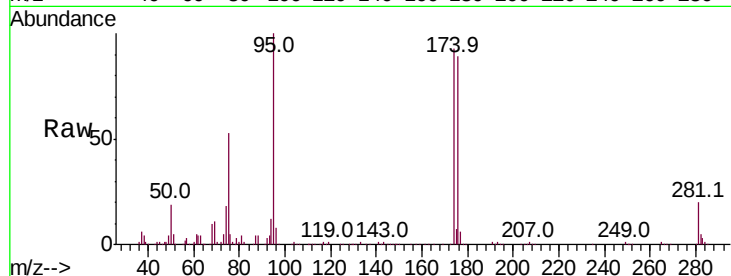
Tot Ion: 95 Resp: 103080

Ion Ratio Lower Upper

95 100

174 95.7 0.0 186.0

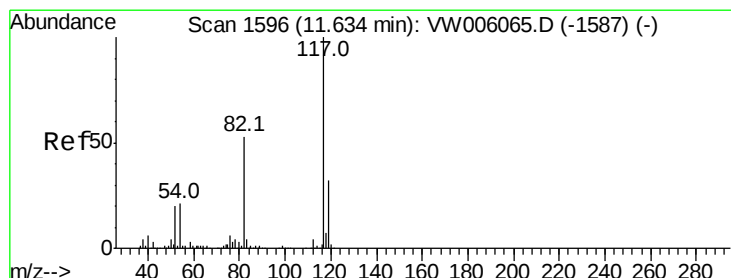
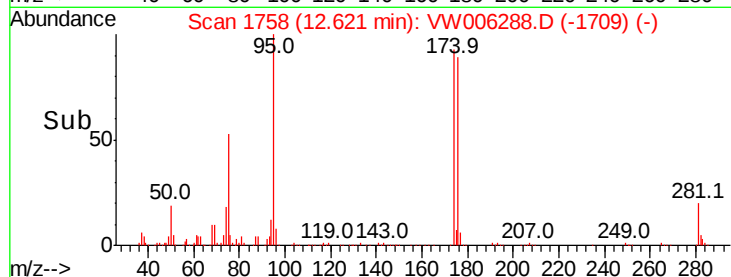
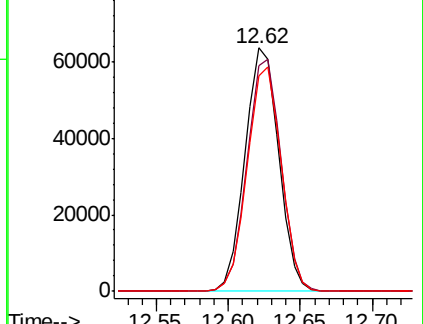
176 92.5 0.0 181.6



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: VW006288.D

Acq: 23 Oct 2018 09:14

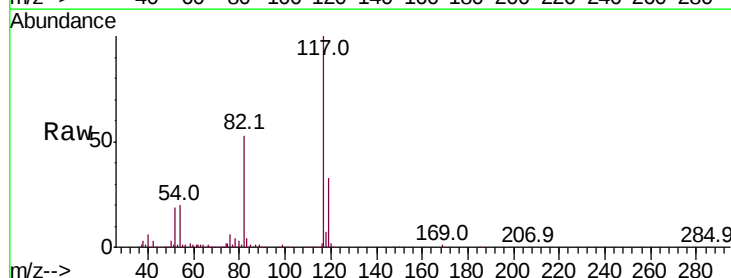
Tgt Ion: 117 Resp: 348711

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

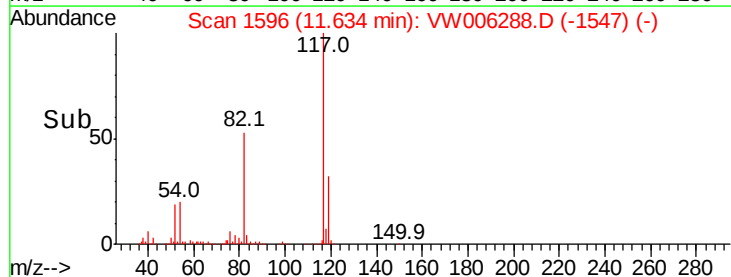
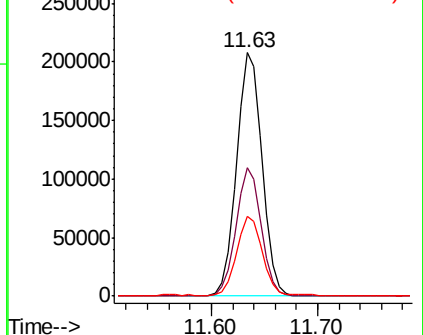
119 32.2 25.8 38.6

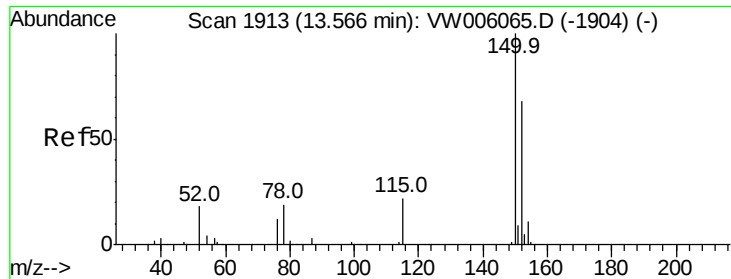


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



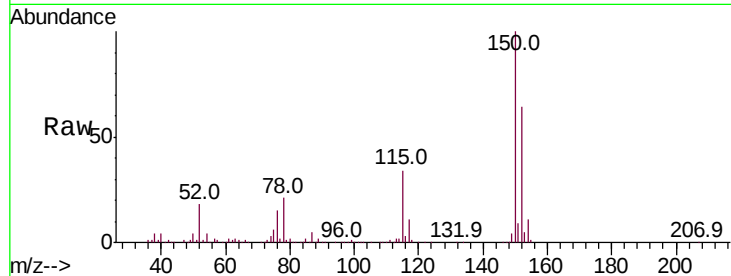


#72

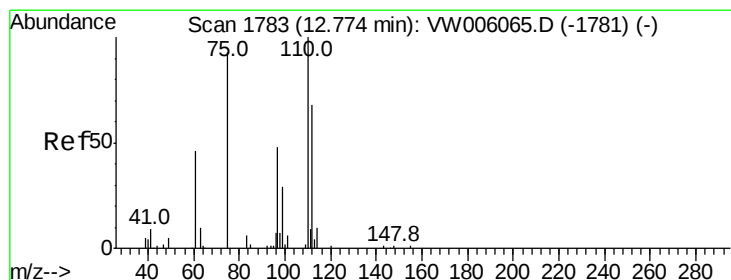
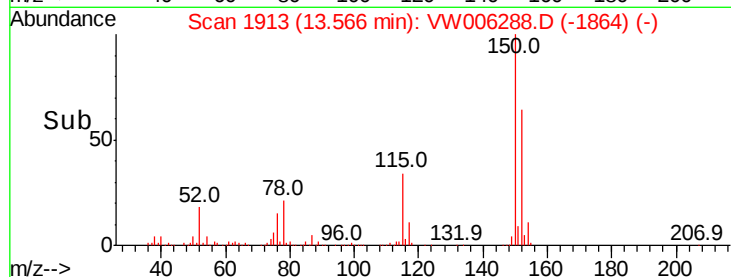
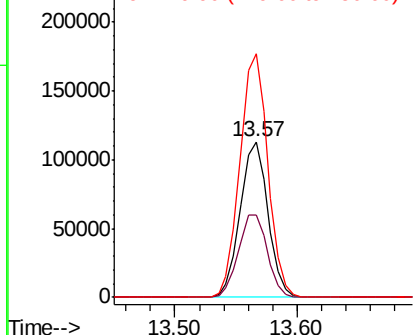
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006288.D
Acq: 23 Oct 2018 09:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 177557
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 157.5 0.0 349.2



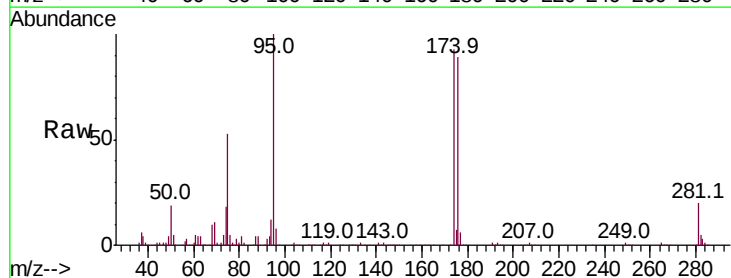
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



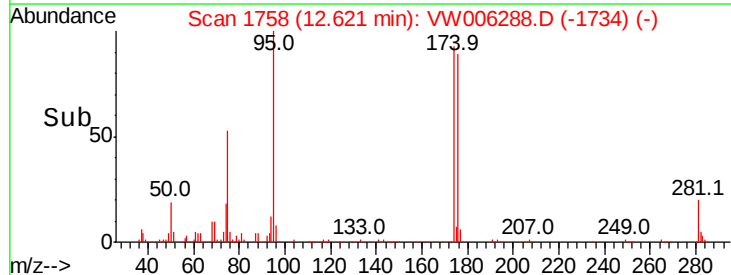
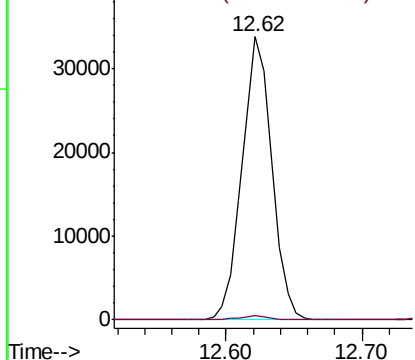
#76

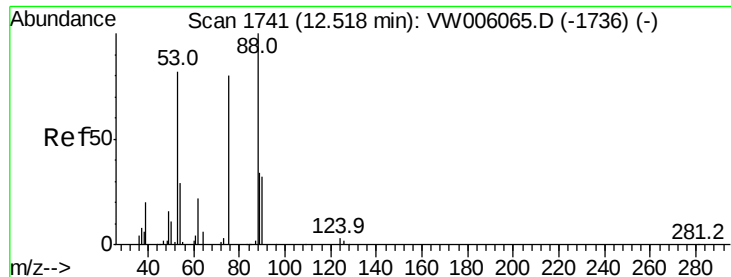
1,2,3-Trichloropropane
Concen: 38.282 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006288.D
Acq: 23 Oct 2018 09:14

Tgt Ion: 75 Resp: 51917
Ion Ratio Lower Upper
75 100
77 1.3 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: 91.508 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006288.D

Acq: 23 Oct 2018 09:14

Instrument :

MSVOA_W

ClientSampleId :

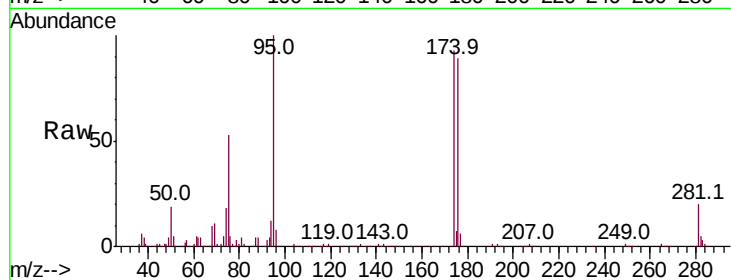
Tot Ion: 75 Resp: 51917

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

