

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006380.D
 Acq On : 26 Oct 2018 01:17
 Operator : SY/AP
 Sample : J5610-01RE
 Misc : 5.25G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(0-2)

Quant Time: Oct 26 07:23:14 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	254448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	111291	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	123079	58.34	ug/l	0.00
Spiked Amount			Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	67151	29.89	ug/l	0.00
Spiked Amount			Recovery	=	59.78%	
50) Toluene-d8	10.32	98	412004	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.62	95	119868	37.34	ug/l	0.00
Spiked Amount			Recovery	=	74.68%	

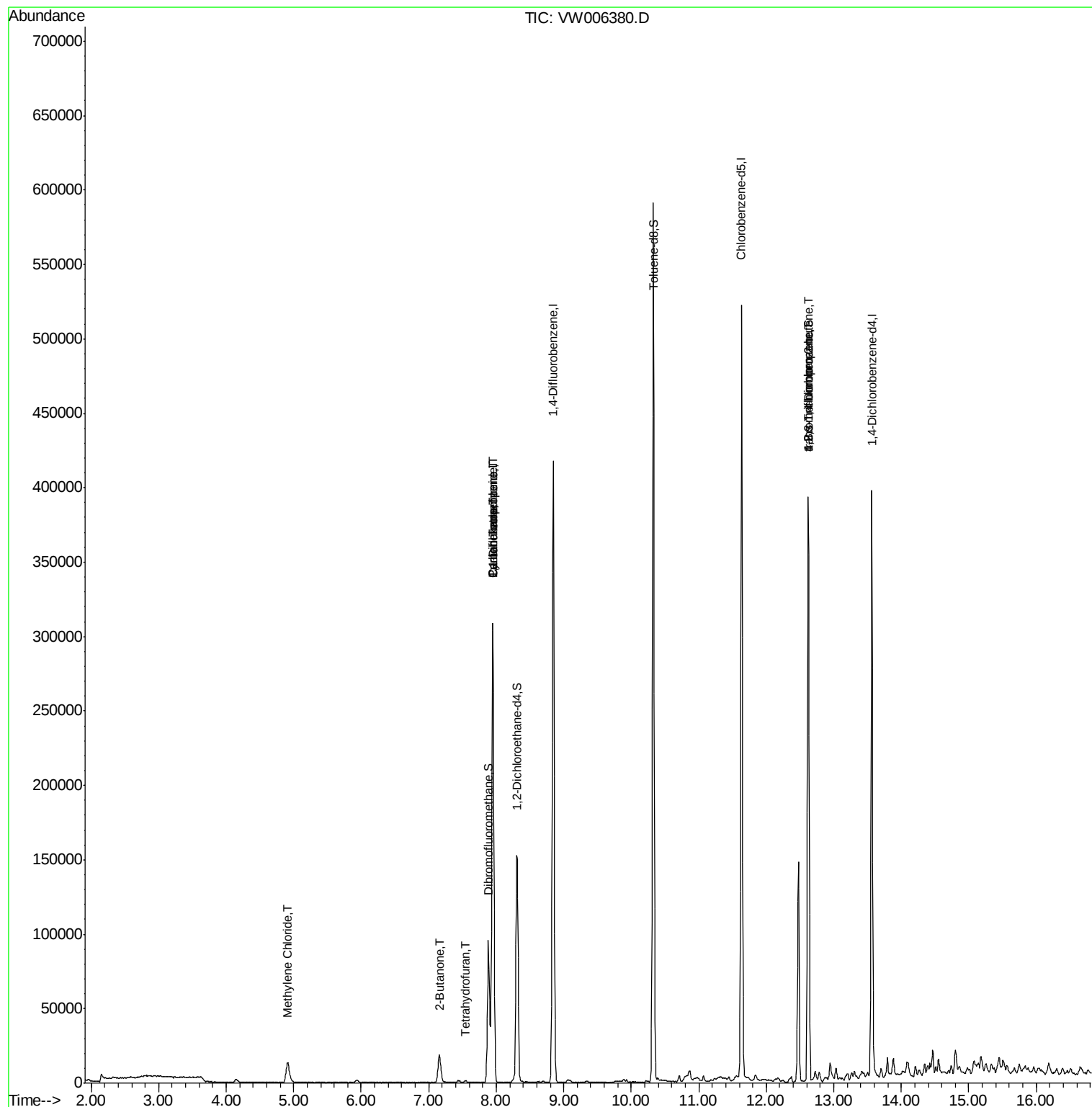
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4177	Below Cal	#	86
20) Methylene Chloride	4.92	84	12279	4.004	ug/l	95
25) 2-Butanone	7.15	43	740	1.299	ug/l #	46
29) Tetrahydrofuran	7.54	42	677	1.933	ug/l #	86
31) Cyclohexane	7.95	56	4541	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16760	4.782	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22314	5.808	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	60282	70.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60282	169.518	ug/l #	10

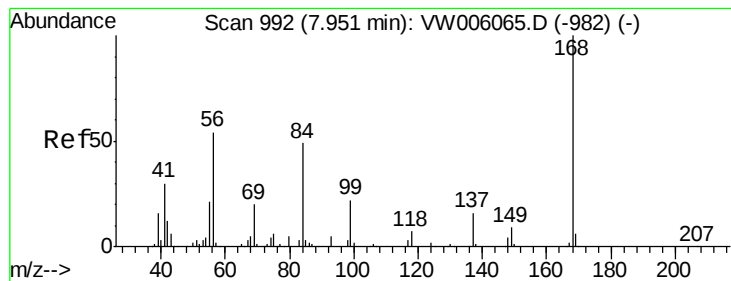
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 07:23:14 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: VW006380.D

Acq: 26 Oct 2018 01:17

Instrument :

MSVOA_W

ClientSampled :

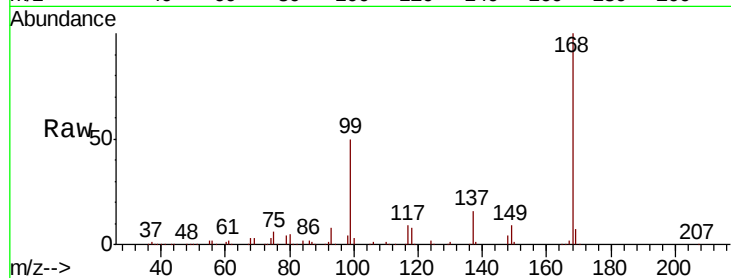
SB-1(0-2)

Tot Ion:168 Resp: 254448

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

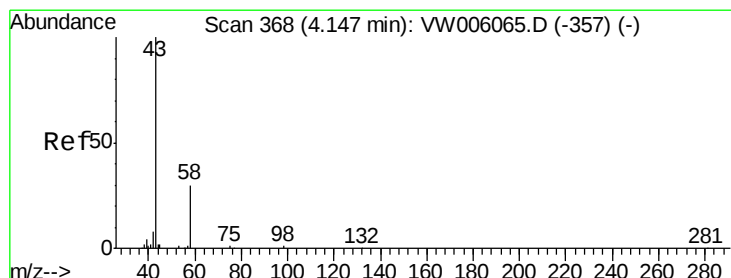
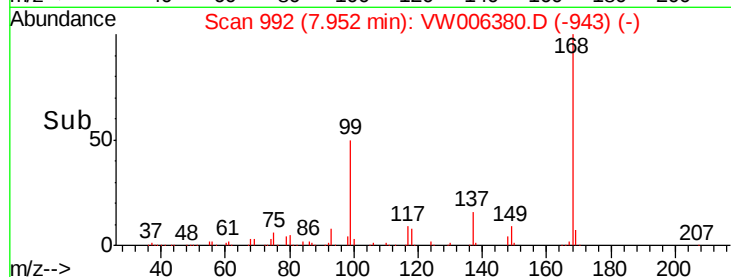
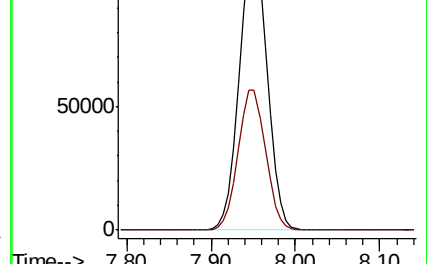
Ion 98.90 (98.60 to 99.60): VW

7.95

100000

50000

0



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006380.D

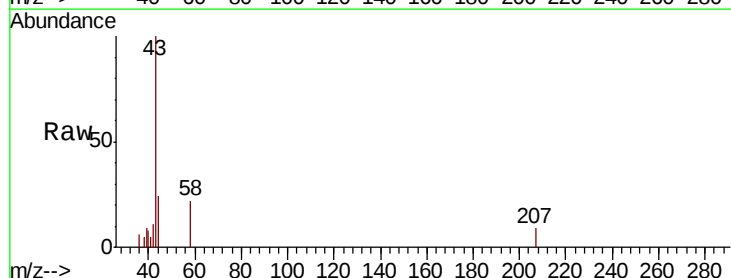
Acq: 26 Oct 2018 01:17

Tgt Ion: 43 Resp: 4177

Ion Ratio Lower Upper

43 100

58 22.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

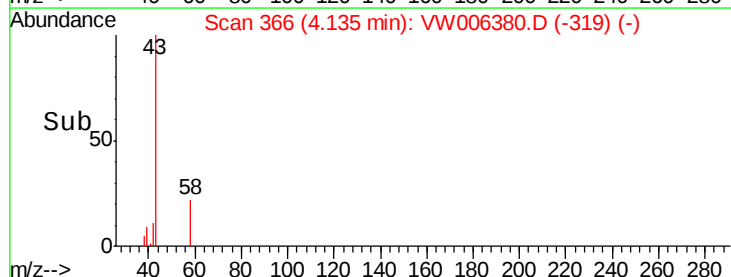
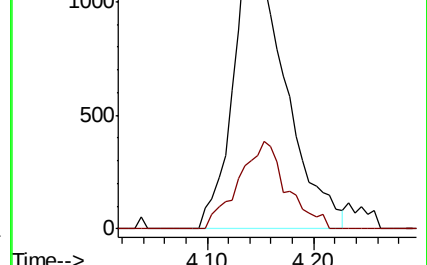
Ion 58.00 (57.70 to 58.70): VW

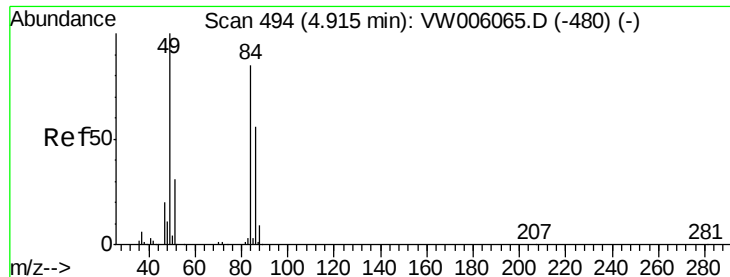
4.14

1000

500

0

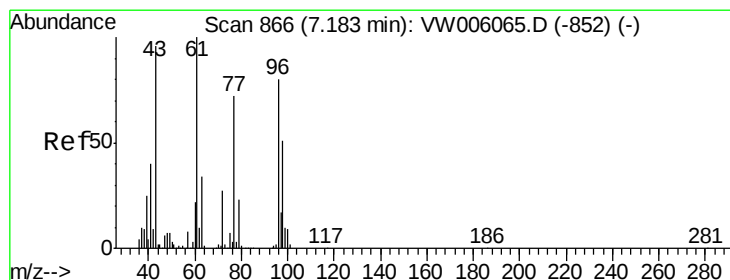
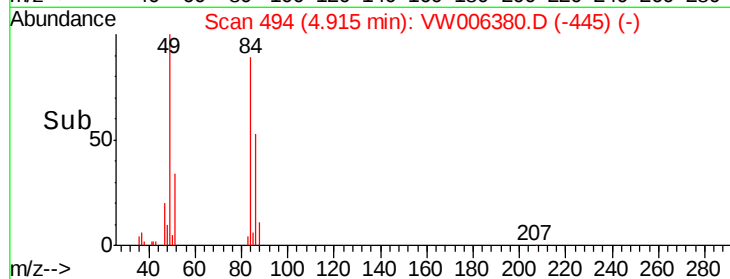
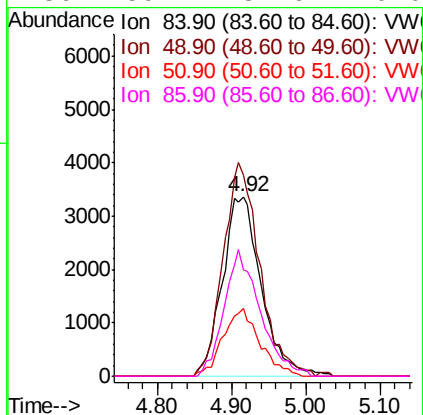
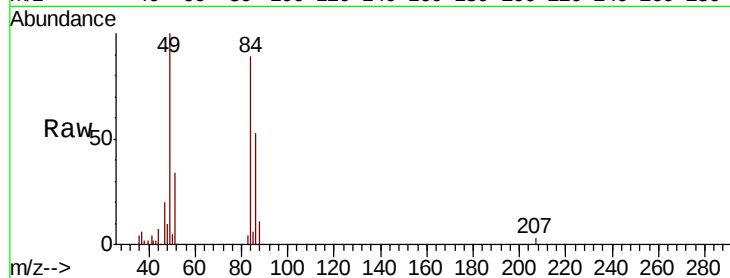




#20
Methylene Chloride
Concen: 4.004 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006380.D
Acq: 26 Oct 2018 01:17

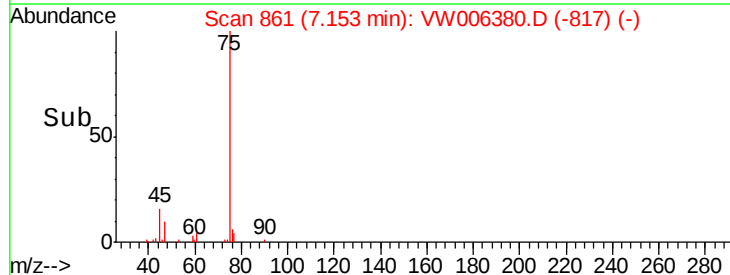
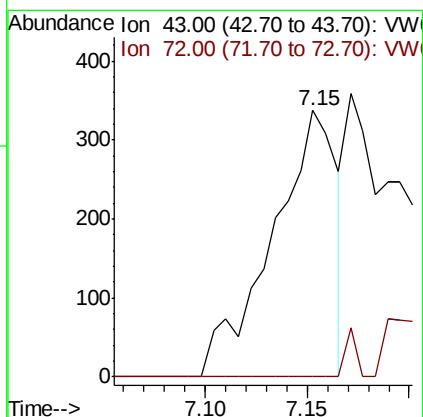
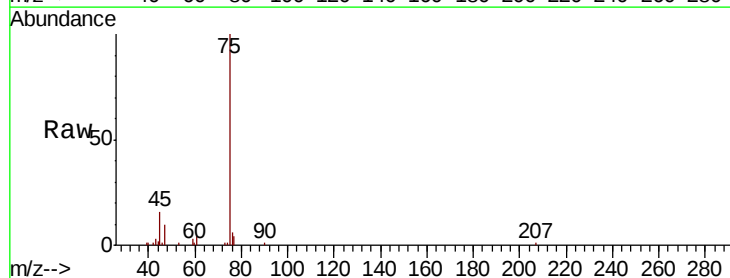
Instrument :
MSVOA_W
ClientSampled :
SB-1(0-2)

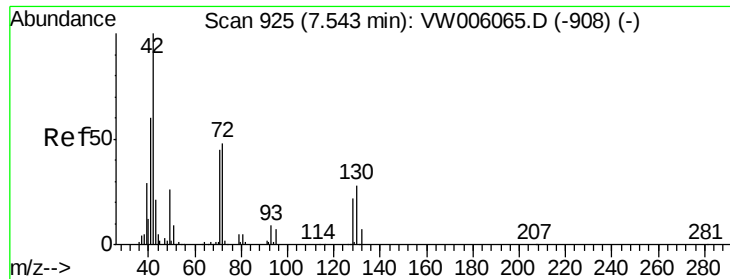
Tot Ion:	84	Resp:	12279
Ion	Ratio	Lower	Upper
84	100		
49	112.3	93.6	140.4
51	37.9	29.0	43.4
86	59.2	52.6	79.0



#25
2-Butanone
Concen: 1.299 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006380.D
Acq: 26 Oct 2018 01:17

Tgt Ion:	43	Resp:	740
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

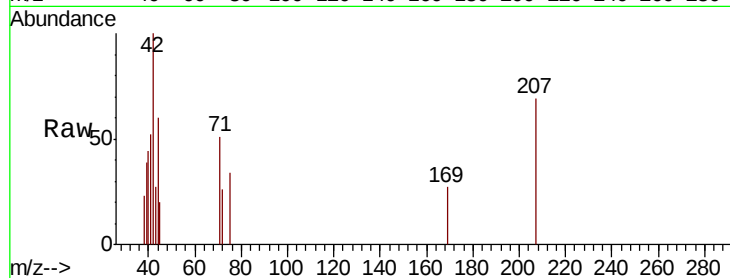




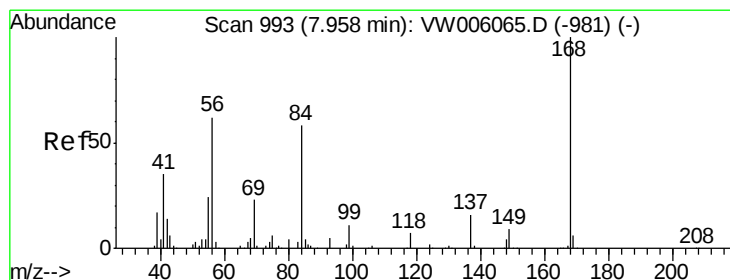
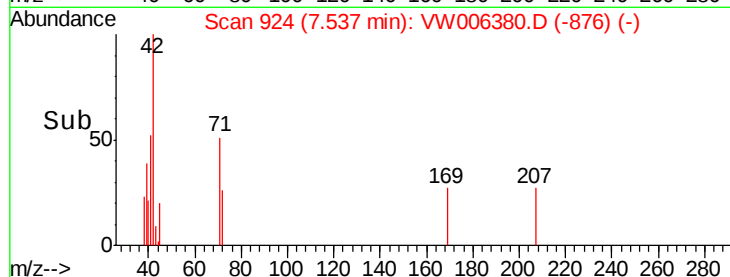
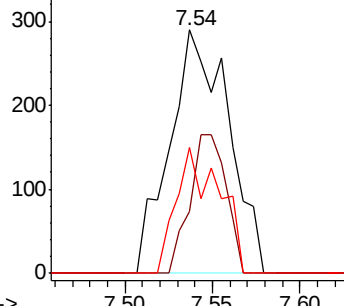
#29
Tetrahydrofuran
Concen: 1.933 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006380.D
Acq: 26 Oct 2018 01:17

Instrument :
MSVOA_W
ClientSampled :
SB-1(0-2)

Tot Ion: 42 Resp: 677
Ion Ratio Lower Upper
42 100
72 35.2 38.0 57.0#
71 38.0 35.3 52.9

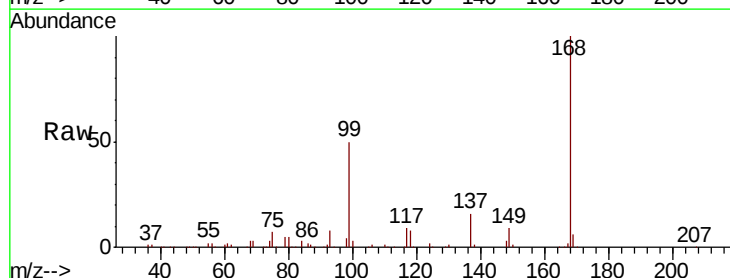


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

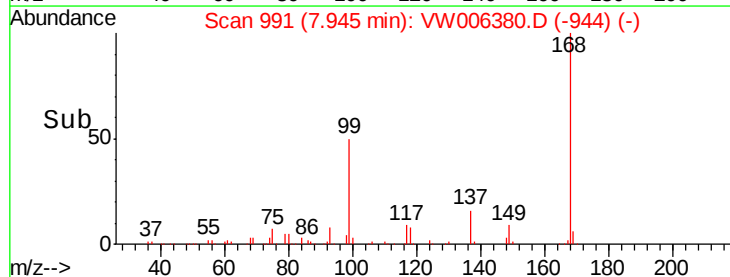
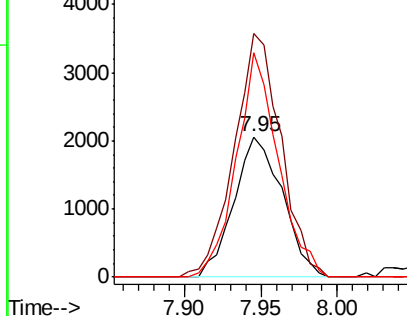


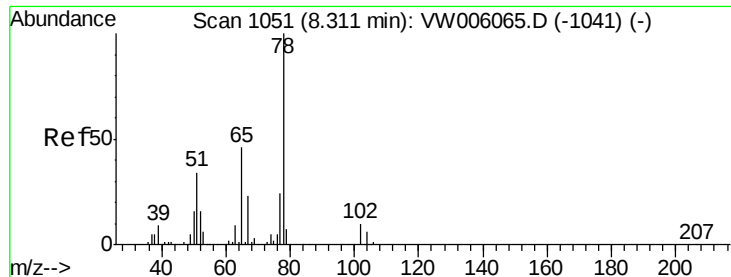
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006380.D
Acq: 26 Oct 2018 01:17

Tgt Ion: 56 Resp: 4541
Ion Ratio Lower Upper
56 100
69 173.4 29.4 44.0#
84 159.6 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

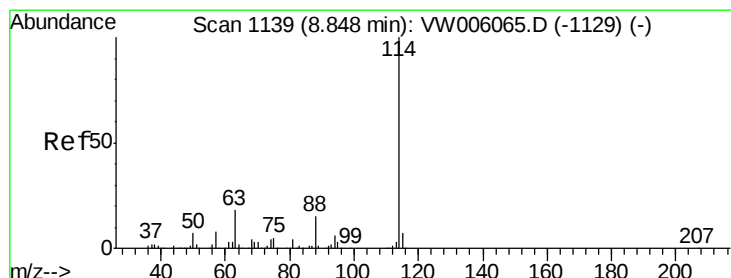
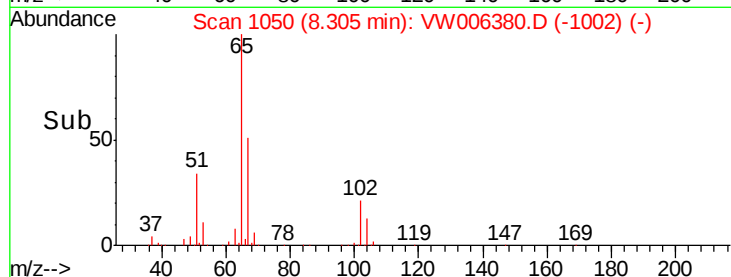
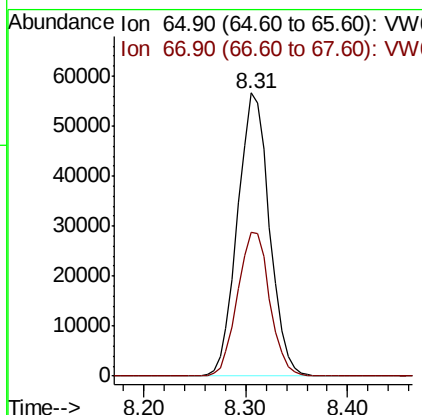
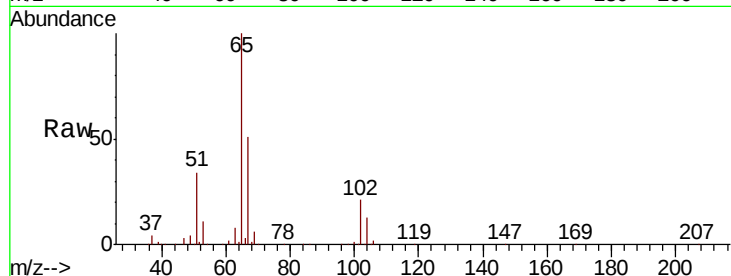




#33
 1,2-Dichloroethane-d4
 Concen: 58.345 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006380.D
 Acq: 26 Oct 2018 01:17

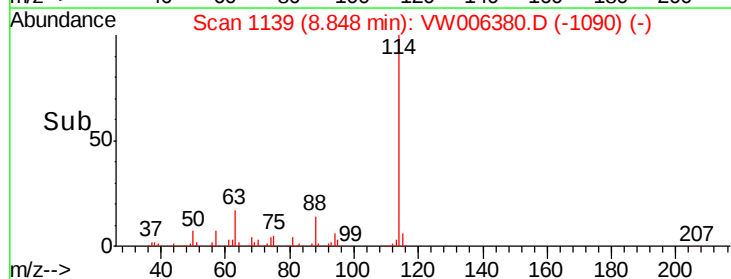
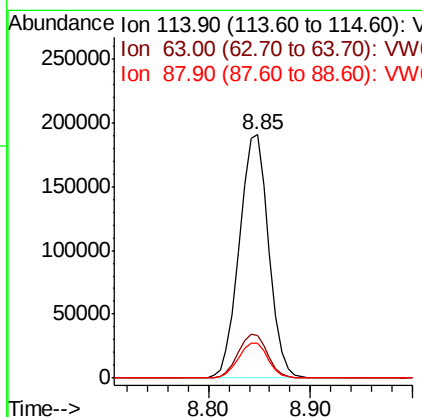
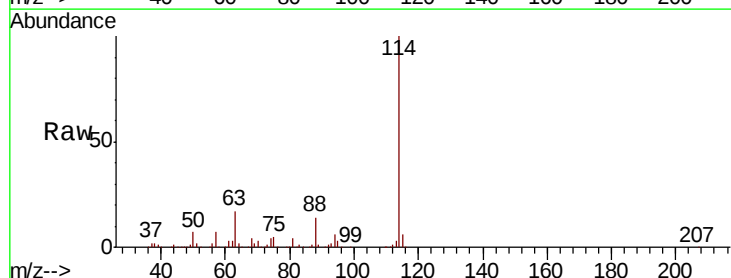
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(0-2)

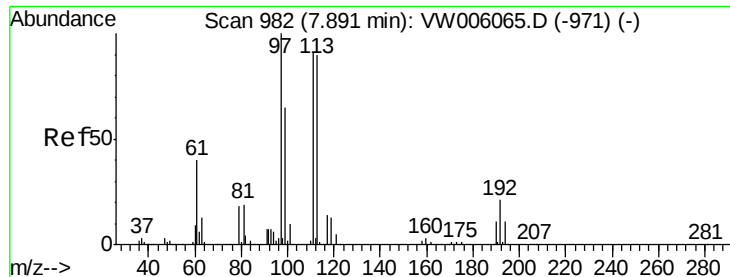
Tot Ion	65	Resp	123079
Ion Ratio	Lower	Upper	
65	100		
67	51.1	0.0	101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006380.D
 Acq: 26 Oct 2018 01:17

Tgt Ion	114	Resp	380211
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	36.8
88	14.1	0.0	29.0

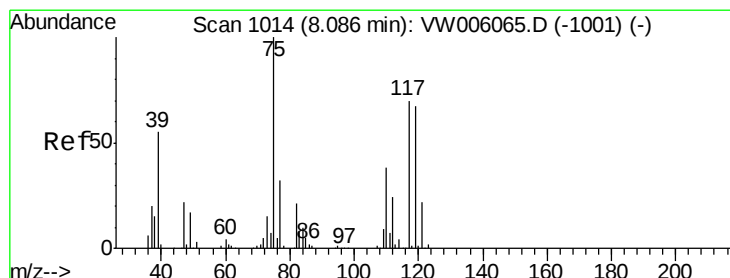
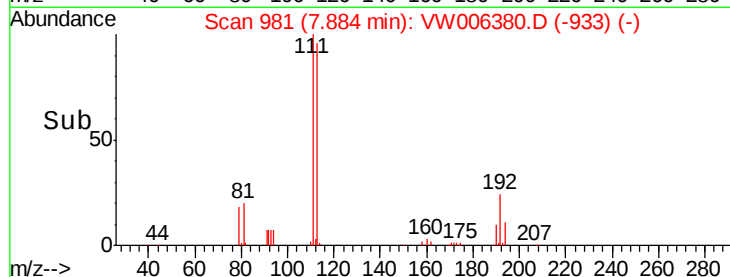
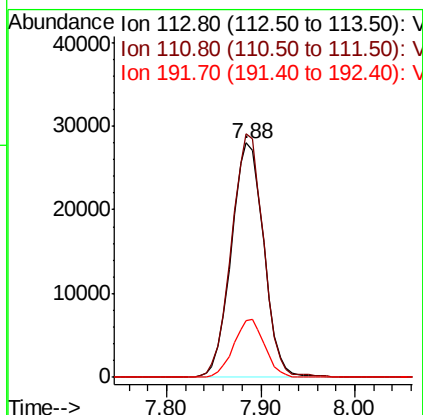
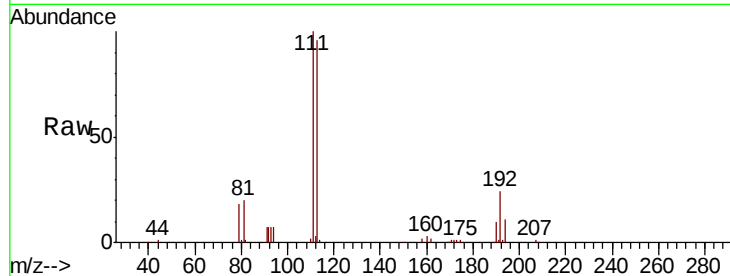




#35
 Dibromofluoromethane
 Concen: 29.889 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006380.D
 Acq: 26 Oct 2018 01:17

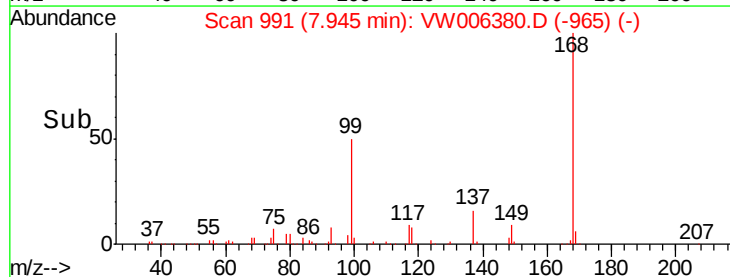
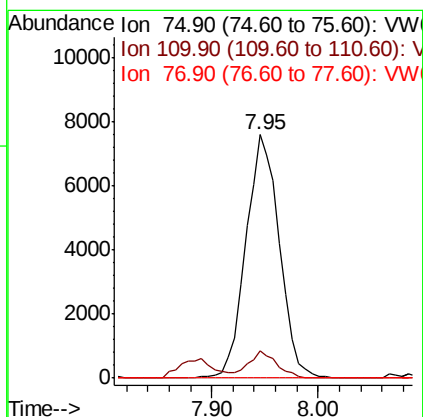
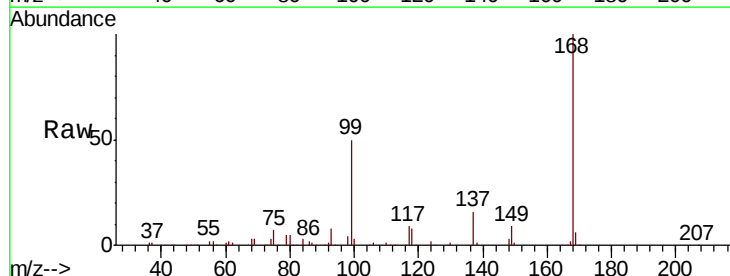
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(0-2)

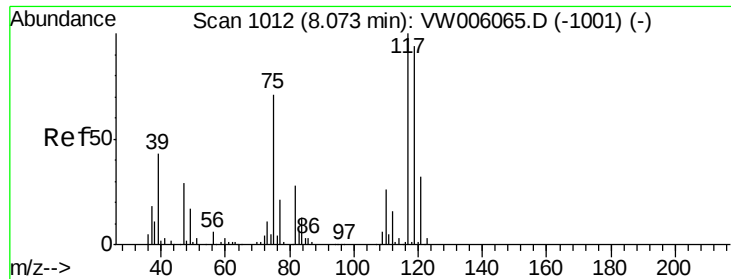
Tot Ion:113 Resp: 67151
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 23.5 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.782 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006380.D
 Acq: 26 Oct 2018 01:17

Tgt Ion: 75 Resp: 16760
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.1#
 77 0.0 25.0 37.4#

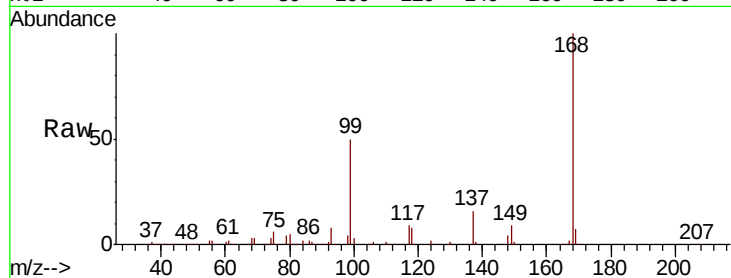




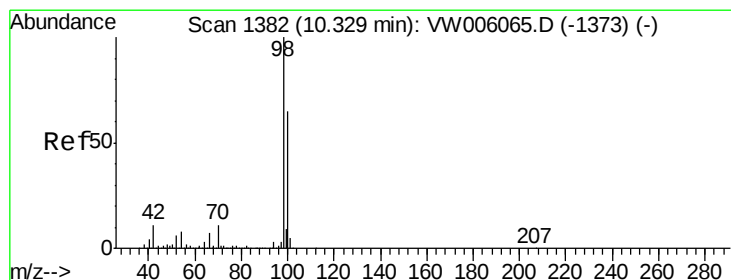
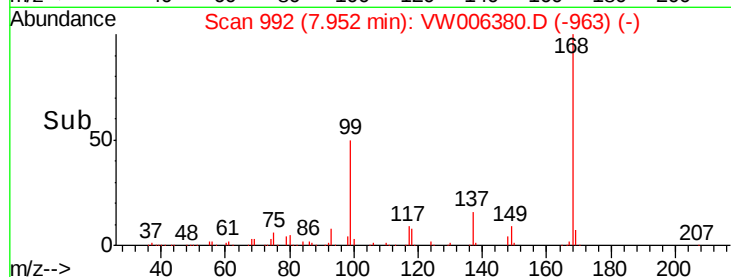
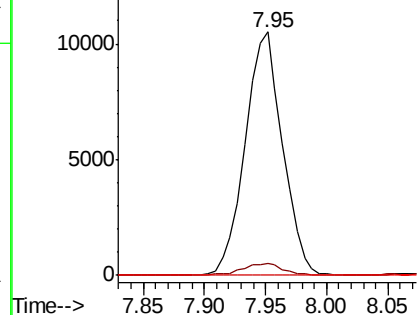
#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006380.D
Acq: 26 Oct 2018 01:17

Instrument :
MSVOA_W
ClientSampleId :
SB-1(0-2)

Tot Ion:117 Resp: 22314
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 25.3 37.9#

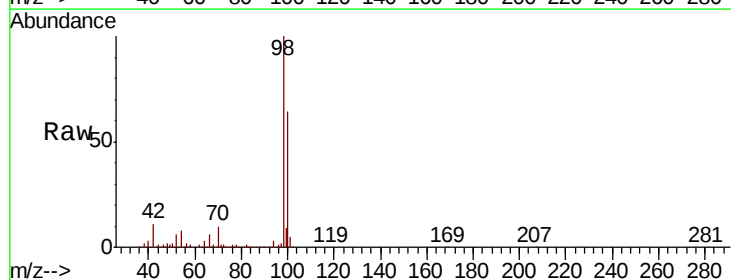


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

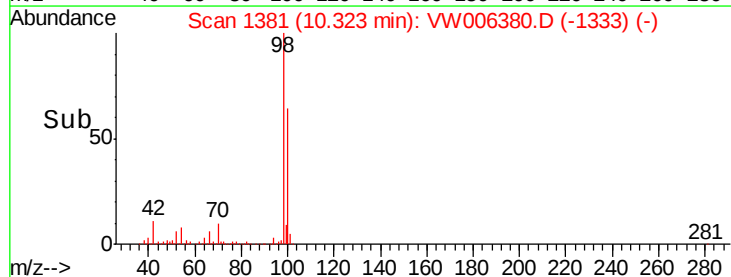
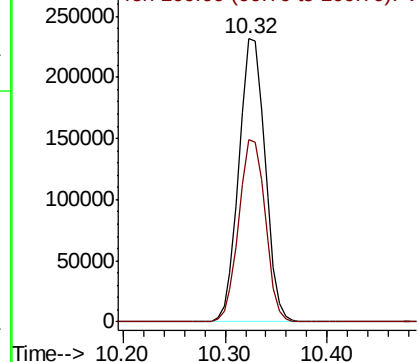


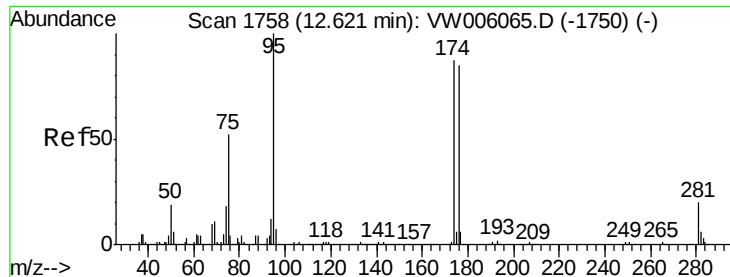
#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006380.D
Acq: 26 Oct 2018 01:17

Tgt Ion: 98 Resp: 412004
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: 37.339 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006380.D

Acq: 26 Oct 2018 01:17

Instrument :

MSVOA_W

ClientSampleId :

SB-1(0-2)

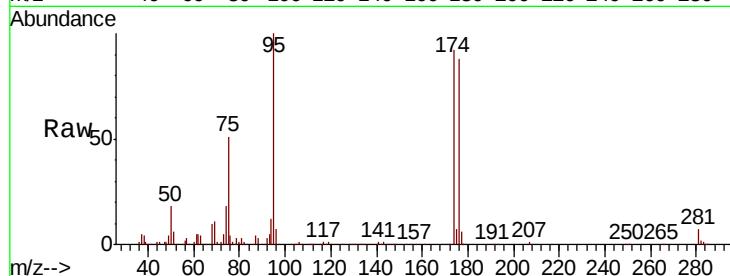
Tot Ion: 95 Resp: 119868

Ion Ratio Lower Upper

95 100

174 94.7 0.0 186.0

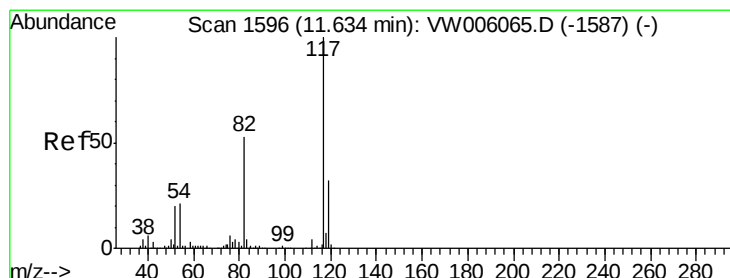
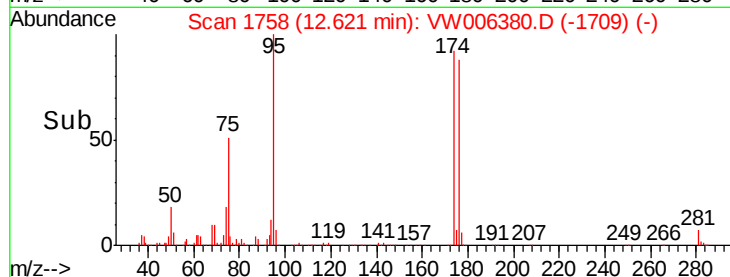
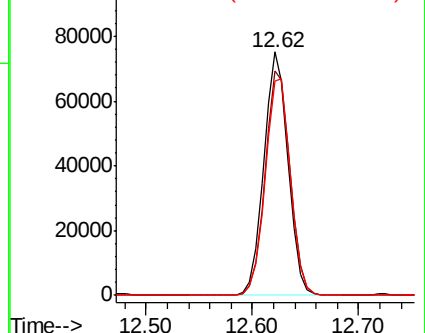
176 92.8 0.0 181.6



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: VW006380.D

Acq: 26 Oct 2018 01:17

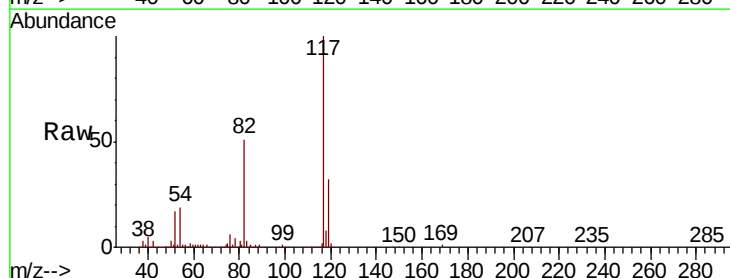
Tgt Ion: 117 Resp: 299770

Ion Ratio Lower Upper

117 100

82 50.9 42.1 63.1

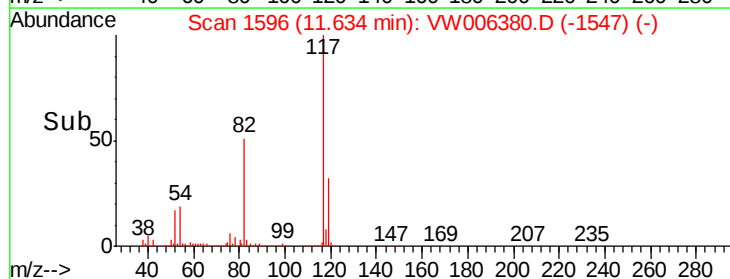
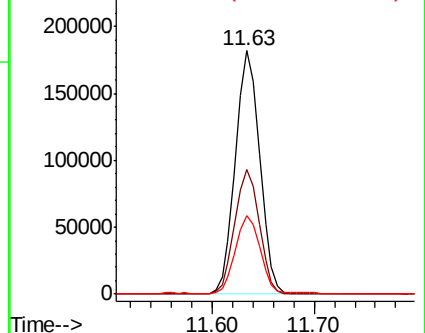
119 31.6 25.8 38.6

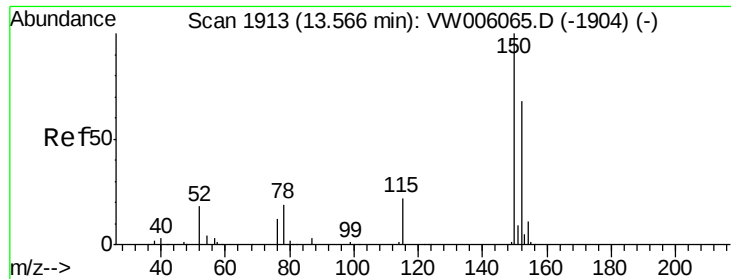


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006380.D

Acq: 26 Oct 2018 01:17

Instrument :

MSVOA_W

ClientSampleId :

SB-1(0-2)

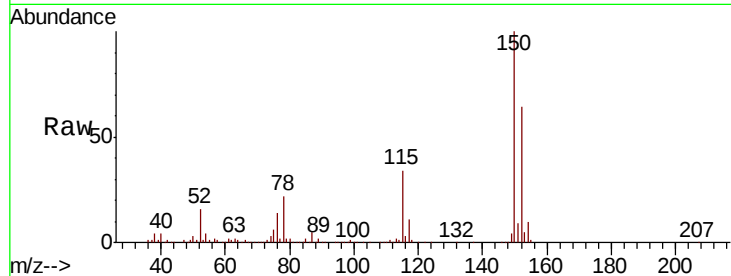
Tot Ion:152 Resp: 111291

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.3

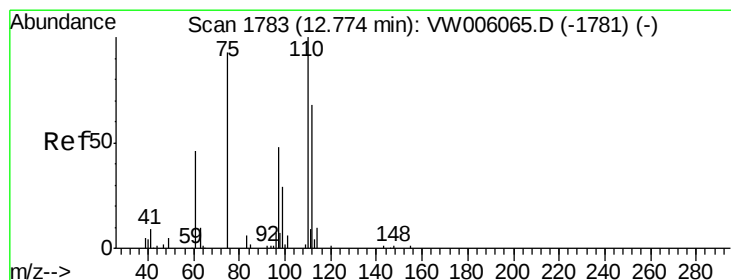
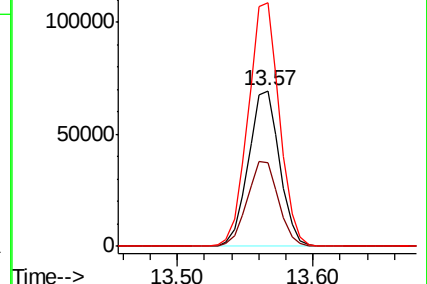
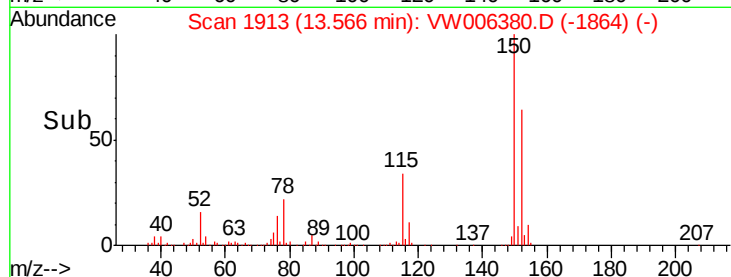
150 157.1 0.0 349.2



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: 70.916 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006380.D

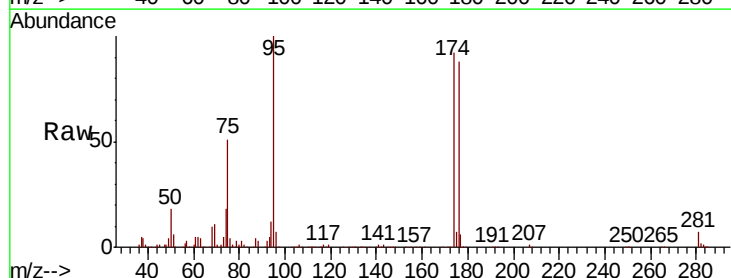
Acq: 26 Oct 2018 01:17

Tgt Ion: 75 Resp: 60282

Ion Ratio Lower Upper

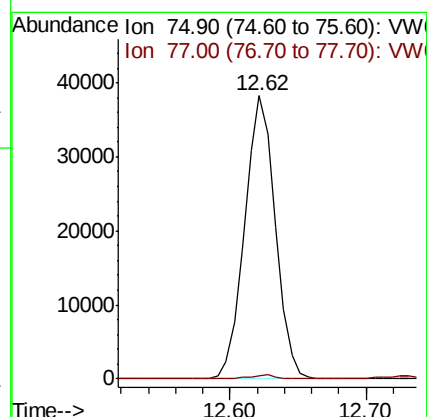
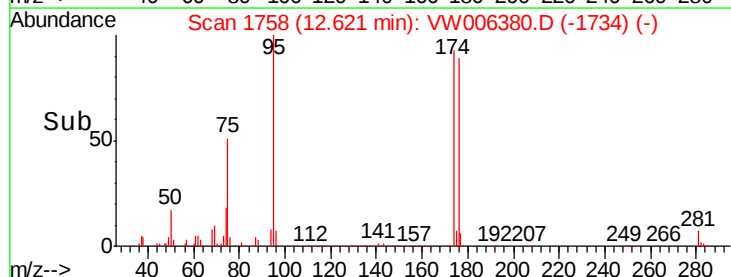
75 100

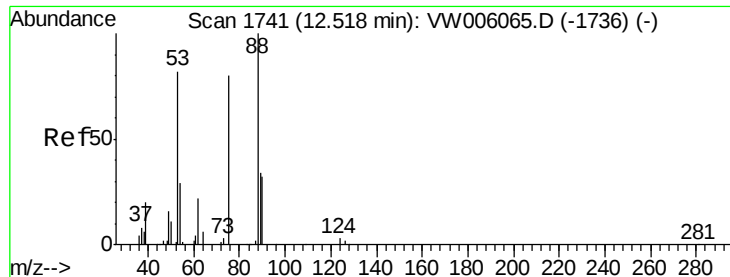
77 1.2 0.0 0.0#



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: 169.518 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006380.D

Acq: 26 Oct 2018 01:17

Instrument :

MSVOA_W

ClientSampleId :

SB-1(0-2)

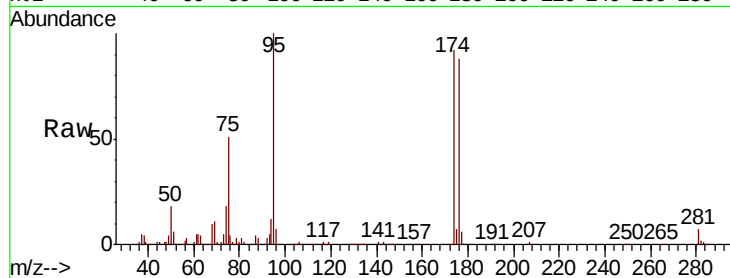
Tot Ion: 75 Resp: 60282

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

