

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006271.D
 Acq On : 23 Oct 2018 01:54
 Operator : VA/AP
 Sample : J5625-06
 Misc : 4.34G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03

Quant Time: Oct 23 05:36:19 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

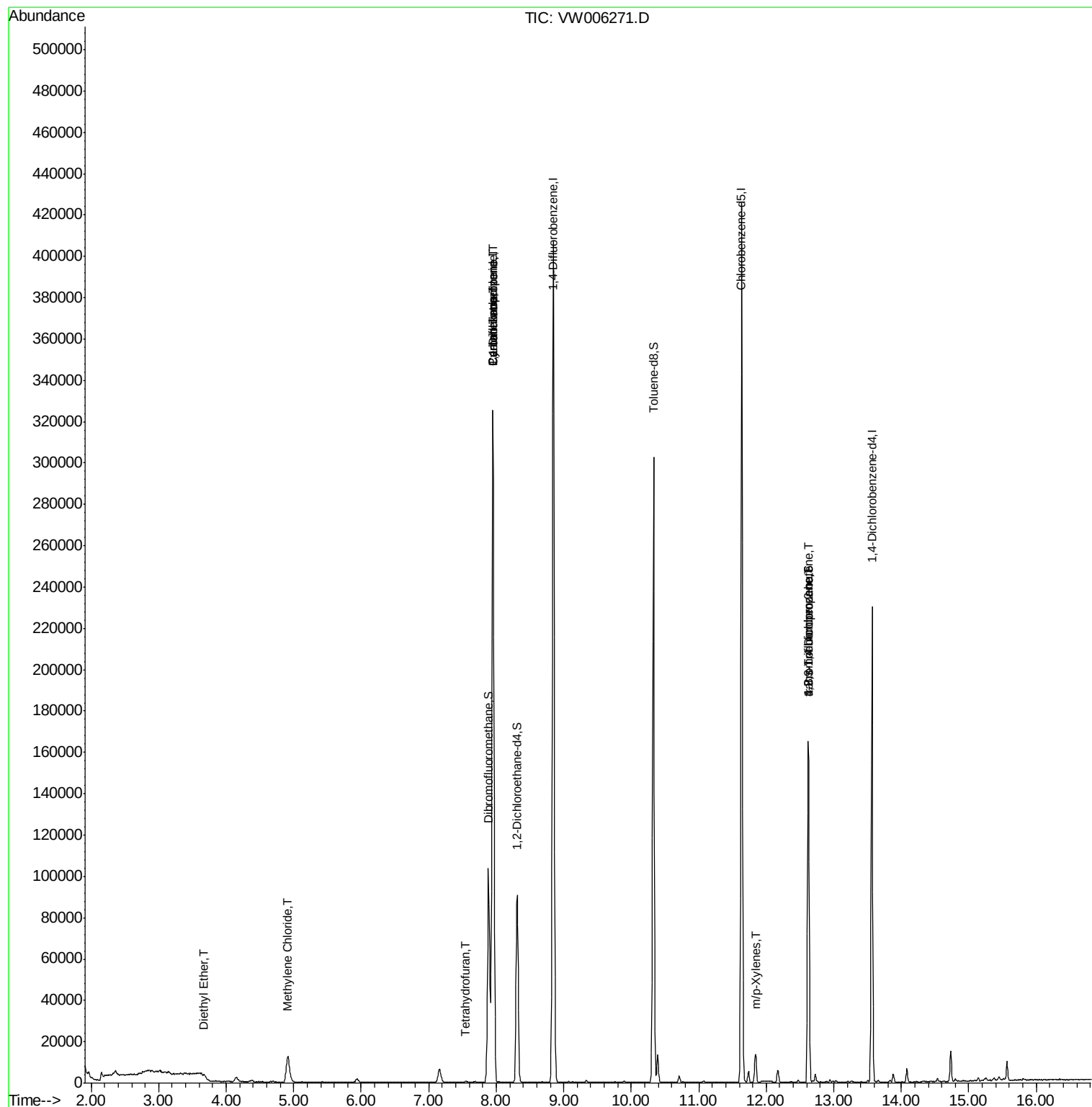
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71394	32.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.24%	
35) Dibromofluoromethane	7.88	113	72742	33.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.92%	
50) Toluene-d8	10.33	98	208796	25.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.50%	
62) 4-Bromofluorobenzene	12.62	95	50469	16.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.50%	
Target Compounds						
8) Diethyl Ether	3.68	74	1534	1.290	ug/l	62
16) Acetone	4.15	43	4592	Below Cal		94
20) Methylene Chloride	4.91	84	11258	3.343	ug/l	91
29) Tetrahydrofuran	7.55	42	369	1.015	ug/l #	58
31) Cyclohexane	7.95	56	4789	1.196	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	17069	5.034	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23260	6.257	ug/l #	17
68) m/p-Xylenes	11.84	106	4520	1.261	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	25774	52.235	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25774	124.862	ug/l #	10

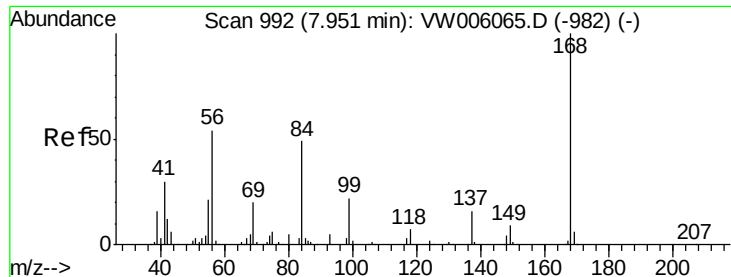
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006271.D
Acq On : 23 Oct 2018 01:54
Operator : VA/AP
Sample : J5625-06
Misc : 4.34G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-03

Quant Time: Oct 23 05:36:19 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: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

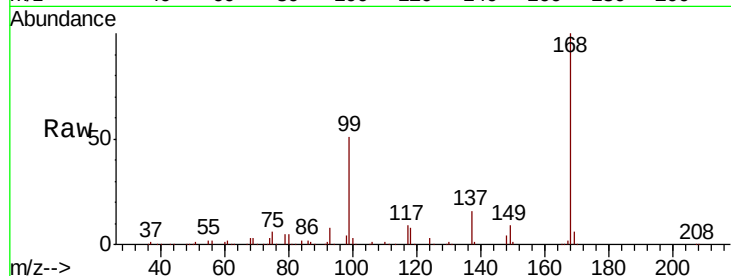
DW-03

Tot Ion:168 Resp: 263988

Ion Ratio Lower Upper

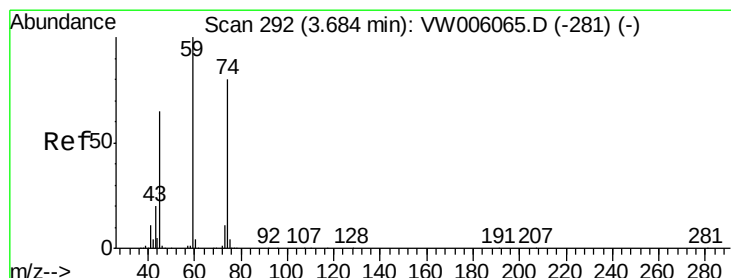
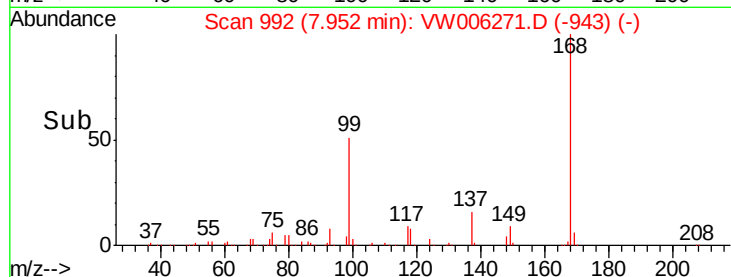
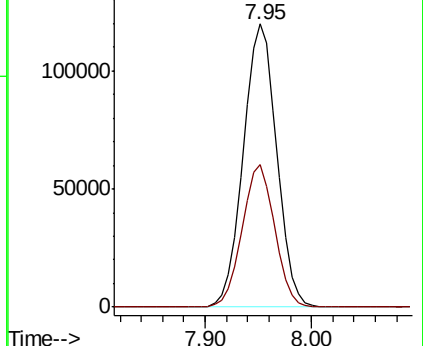
168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.290 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006271.D

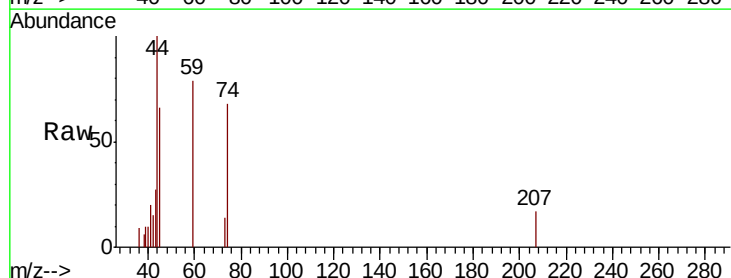
Acq: 23 Oct 2018 01:54

Tgt Ion: 74 Resp: 1534

Ion Ratio Lower Upper

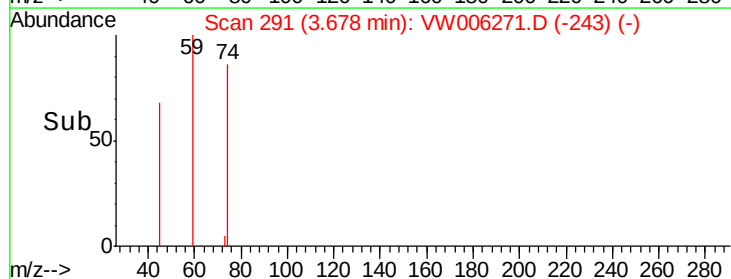
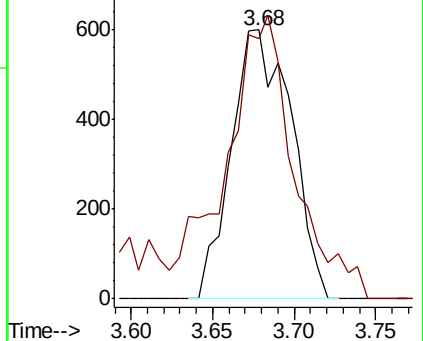
74 100

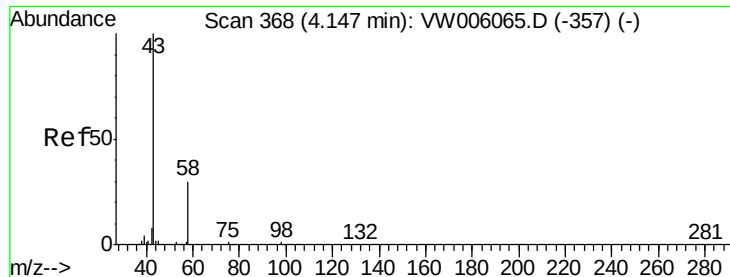
45 120.4 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

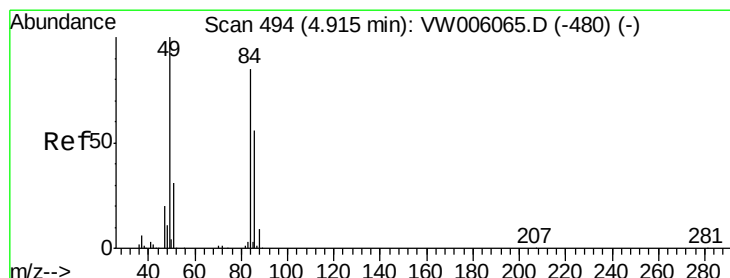
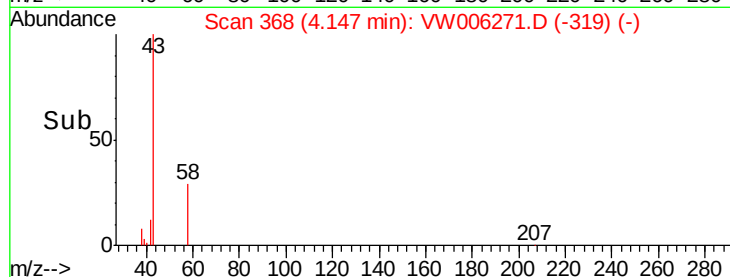
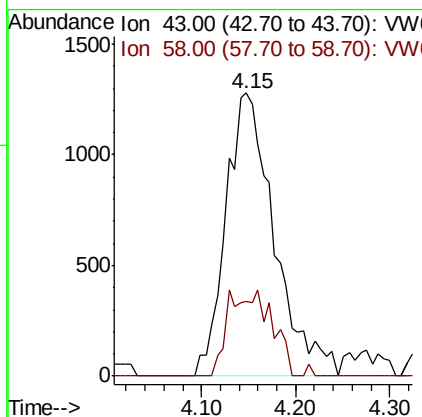
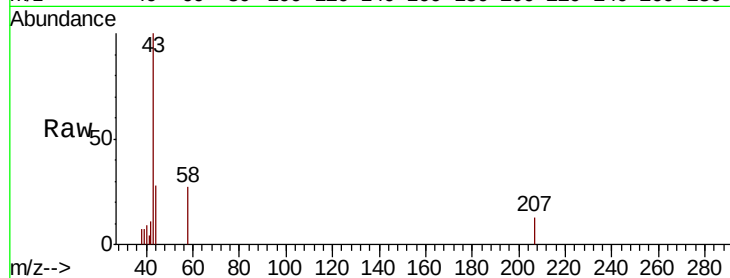




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006271.D
Acq: 23 Oct 2018 01:54

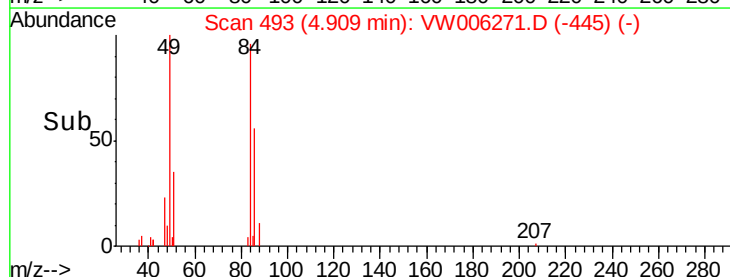
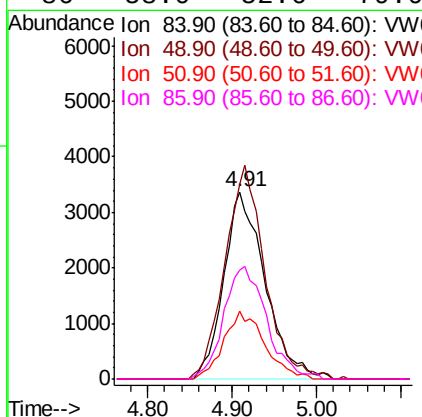
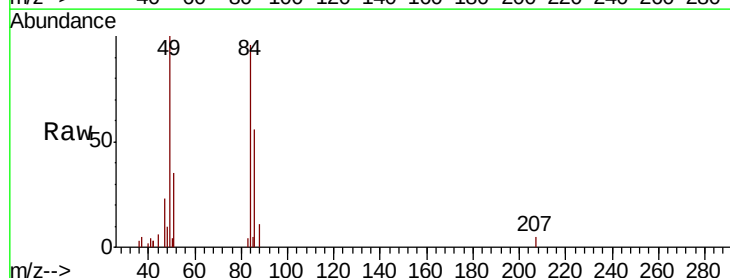
Instrument :
MSVOA_W
ClientSampled :
DW-03

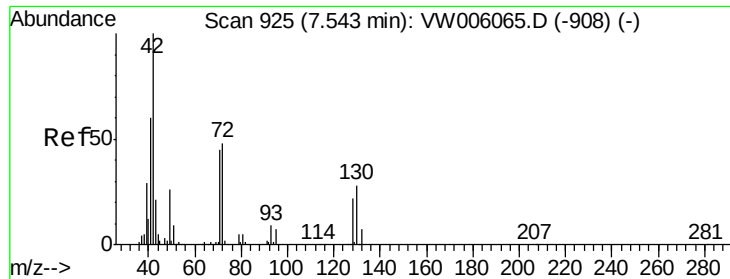
Tot Ion: 43 Resp: 4592
Ion Ratio Lower Upper
43 100
58 26.6 24.0 36.0



#20
Methylene Chloride
Concen: 3.343 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006271.D
Acq: 23 Oct 2018 01:54

Tgt Ion: 84 Resp: 11258
Ion Ratio Lower Upper
84 100
49 104.2 93.6 140.4
51 36.2 29.0 43.4
86 58.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 1.015 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

DW-03

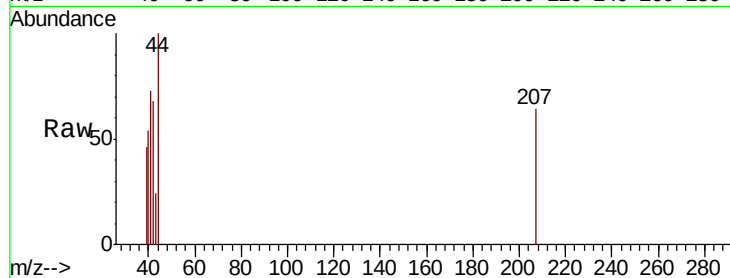
Tot Ion: 42 Resp: 369

Ion Ratio Lower Upper

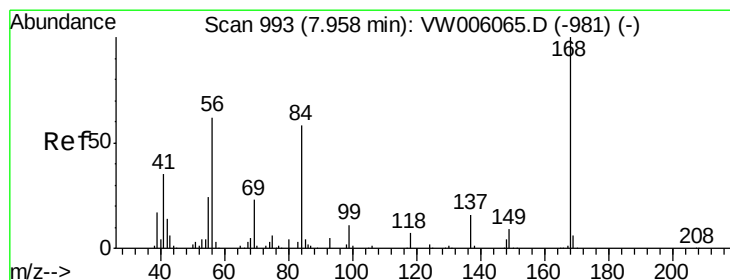
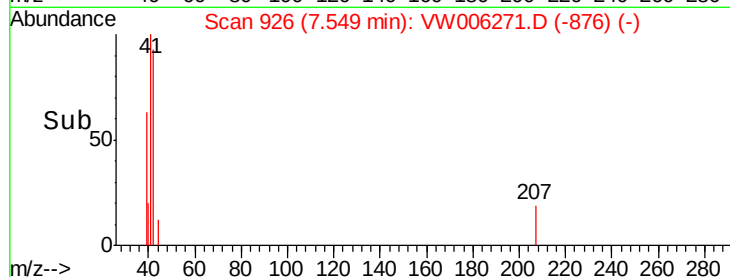
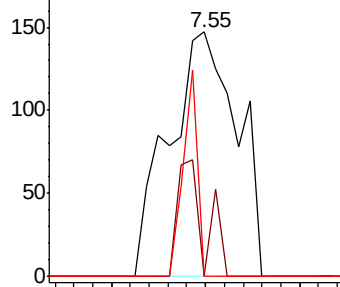
42 100

72 18.7 38.0 57.0#

71 17.6 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: 1.196 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

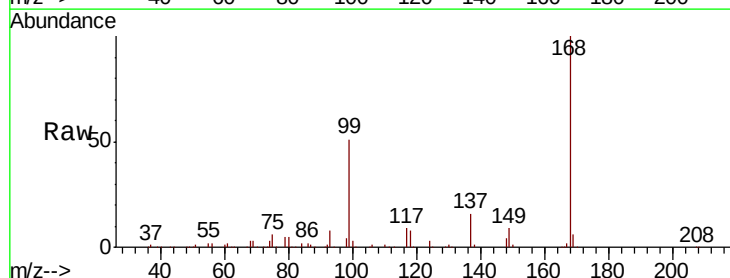
Tgt Ion: 56 Resp: 4789

Ion Ratio Lower Upper

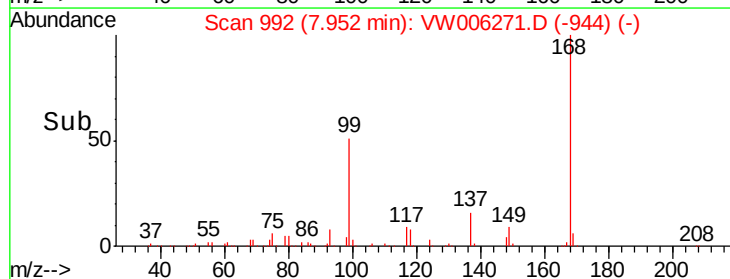
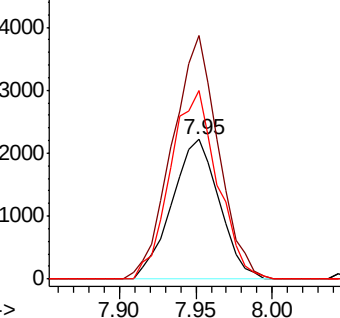
56 100

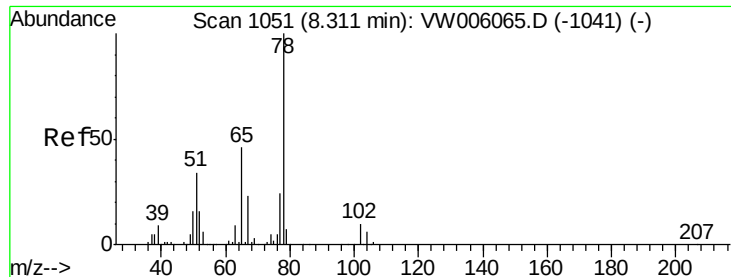
69 174.3 29.4 44.0#

84 134.6 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

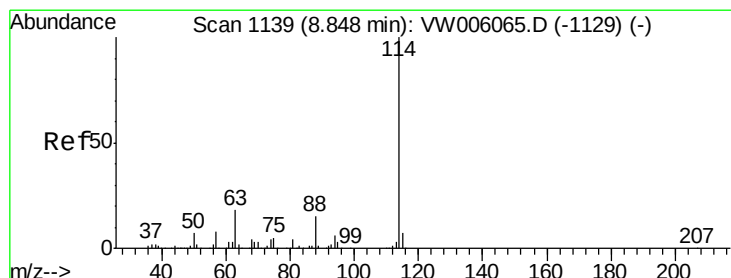
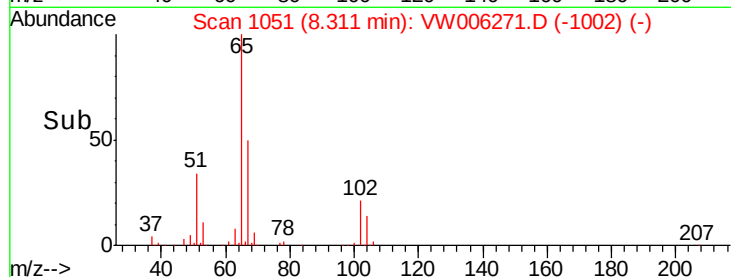
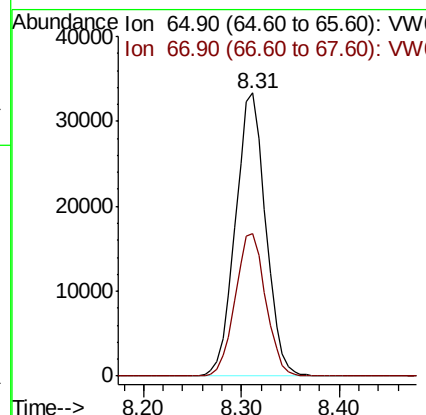
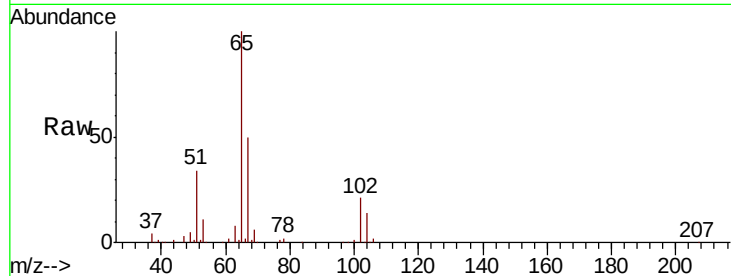




#33
 1,2-Dichloroethane-d4
 Concen: 32.621 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006271.D
 Acq: 23 Oct 2018 01:54

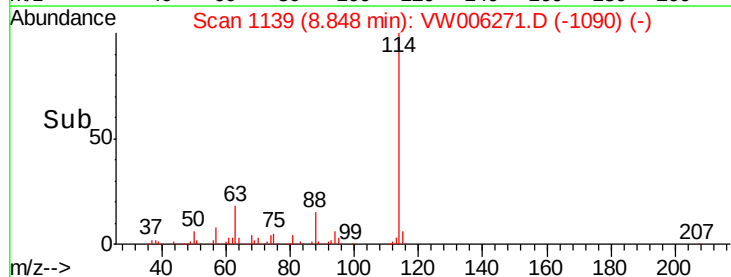
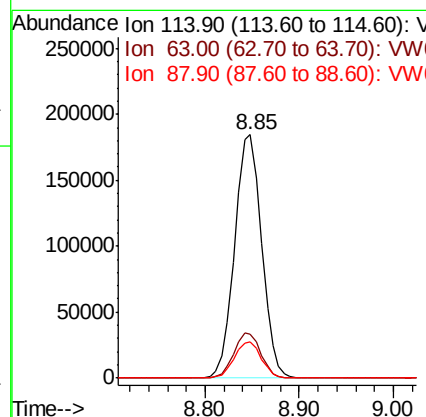
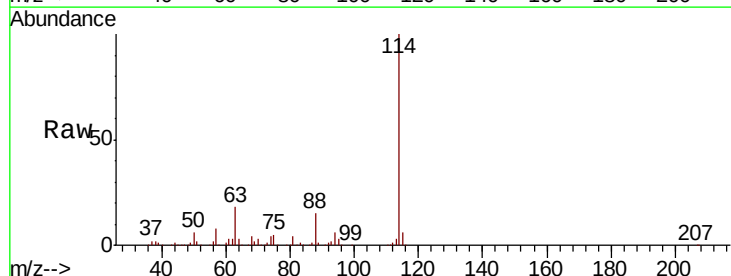
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03

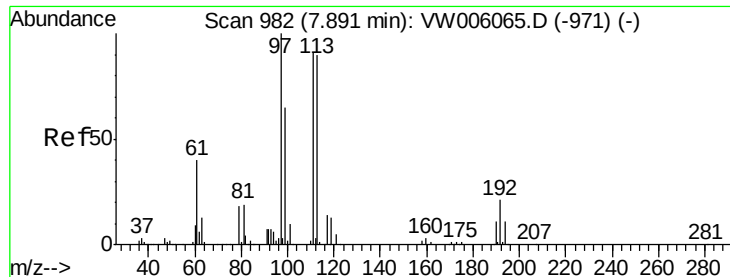
Tot Ion: 65 Resp: 71394
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006271.D
 Acq: 23 Oct 2018 01:54

Tgt Ion: 114 Resp: 367897
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.9 0.0 29.0

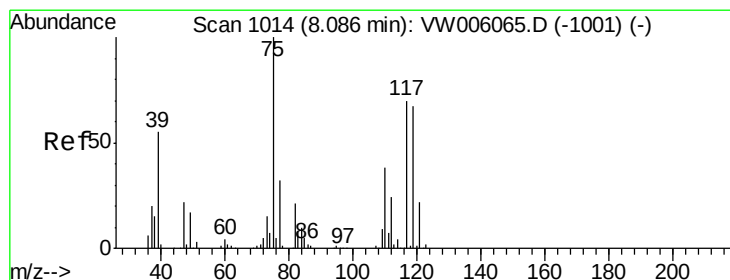
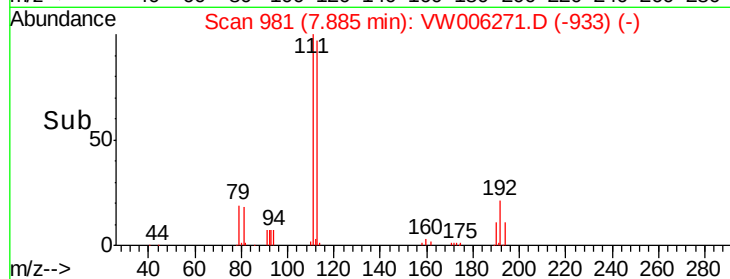
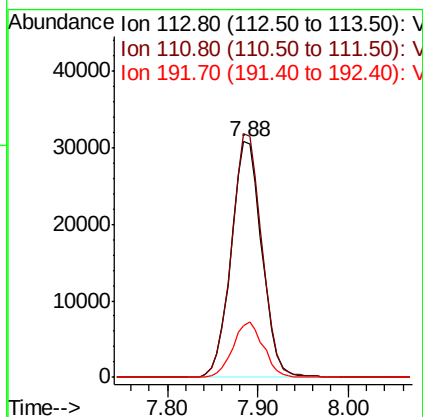
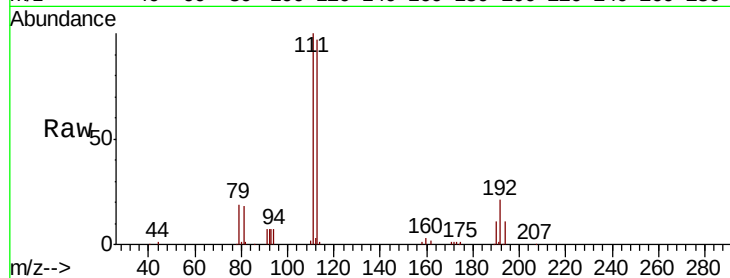




#35
 Dibromofluoromethane
 Concen: 33.462 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006271.D
 Acq: 23 Oct 2018 01:54

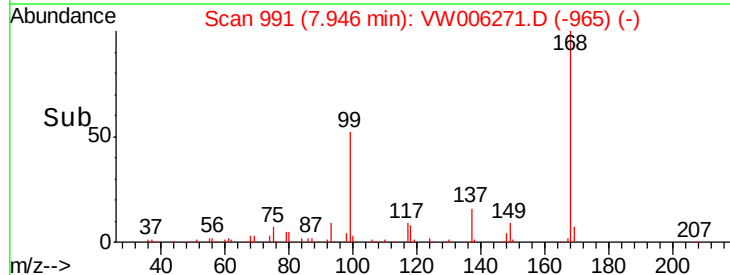
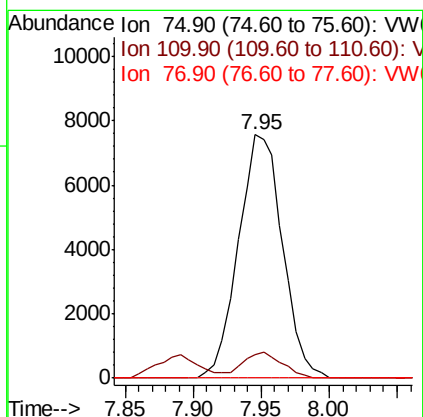
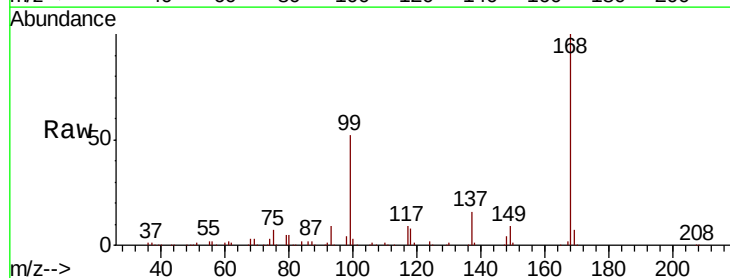
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03

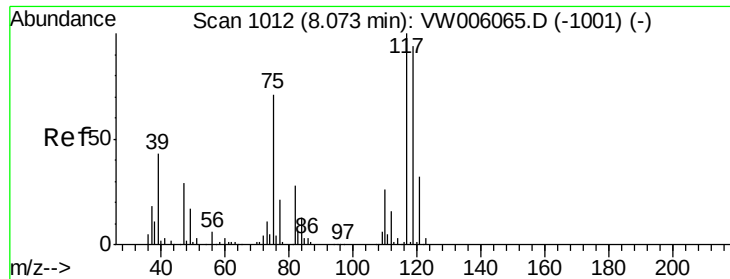
Tot Ion:113 Resp: 72742
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.034 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006271.D
 Acq: 23 Oct 2018 01:54

Tgt Ion: 75 Resp: 17069
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.257 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

DW-03

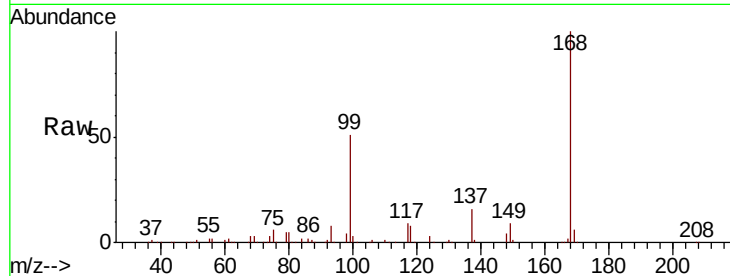
Tot Ion:117 Resp: 23260

Ion Ratio Lower Upper

117 100

119 5.5 75.2 112.8#

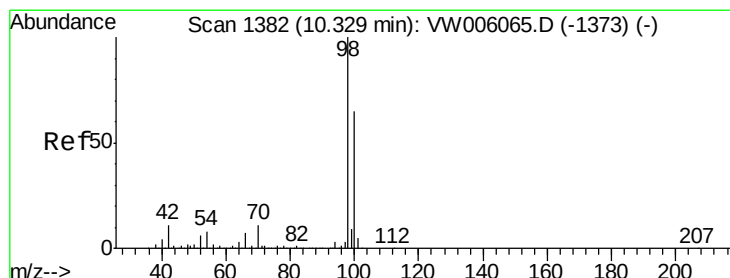
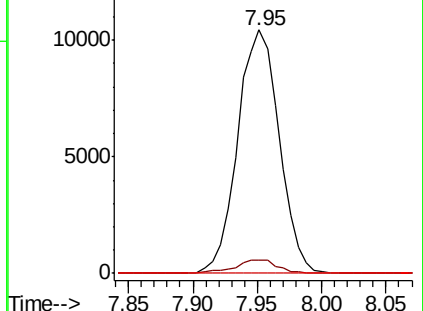
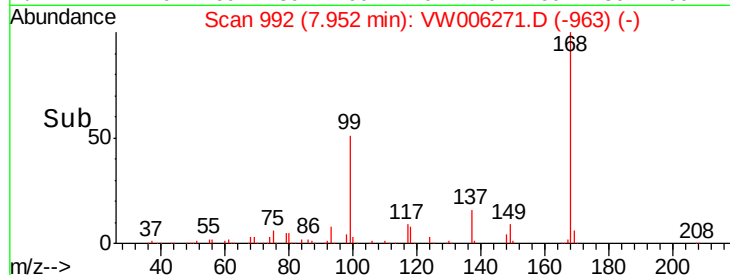
121 0.0 25.3 37.9#



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: 25.246 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006271.D

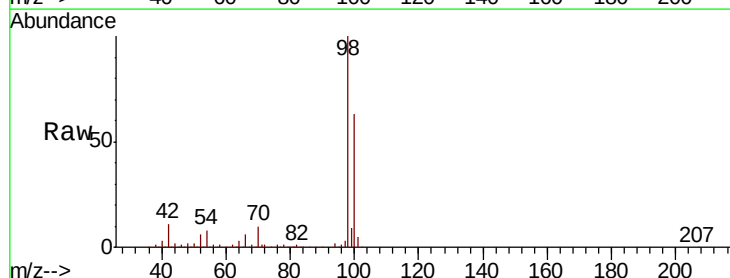
Acq: 23 Oct 2018 01:54

Tgt Ion: 98 Resp: 208796

Ion Ratio Lower Upper

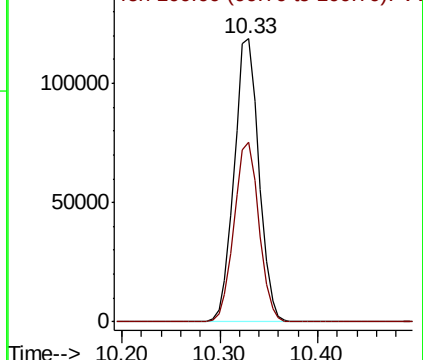
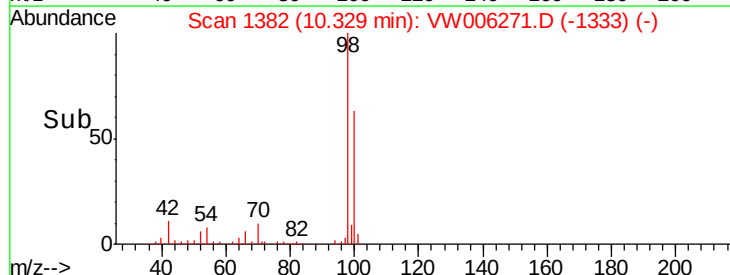
98 100

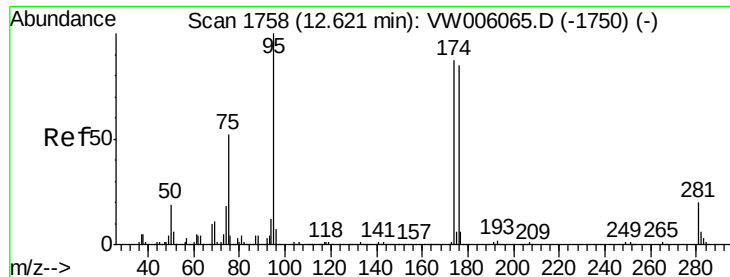
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 16.247 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

DW-03

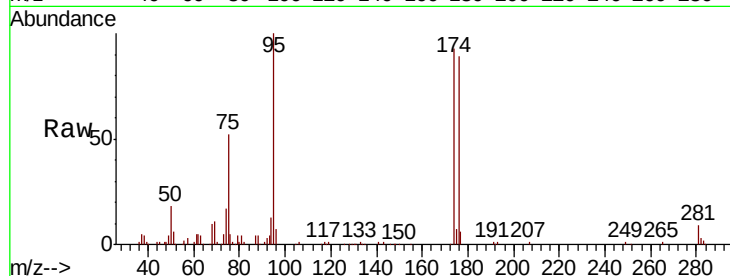
Tot Ion: 95 Resp: 50469

Ion Ratio Lower Upper

95 100

174 94.9 0.0 186.0

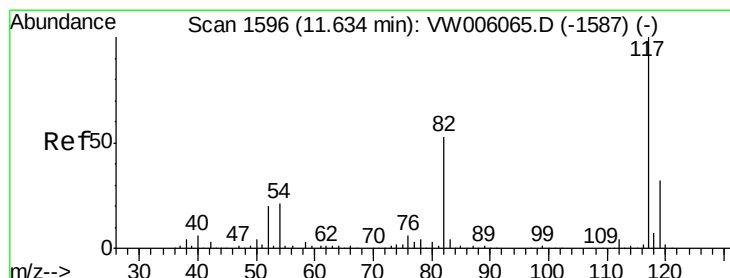
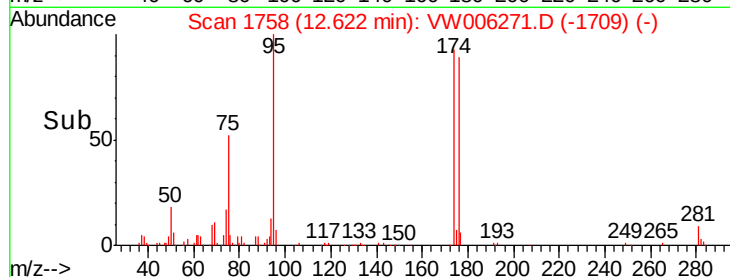
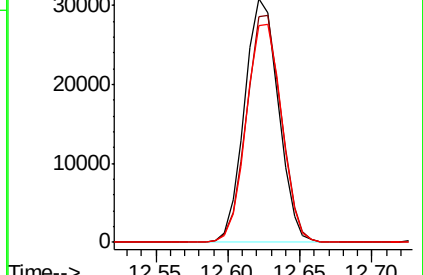
176 92.7 0.0 181.6



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: VW006271.D

Acq: 23 Oct 2018 01:54

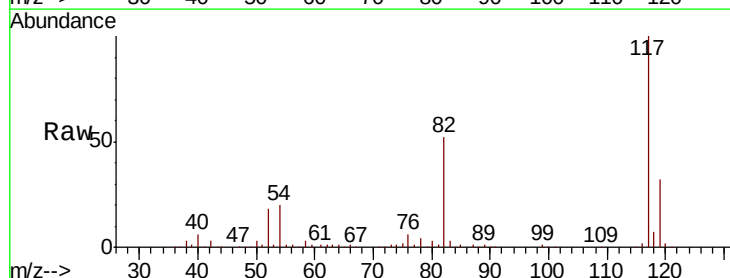
Tgt Ion: 117 Resp: 244383

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

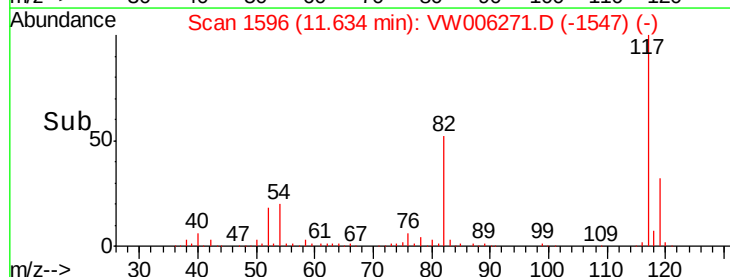
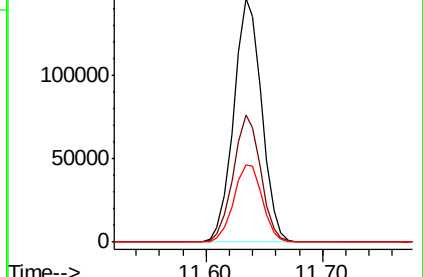
119 31.8 25.8 38.6

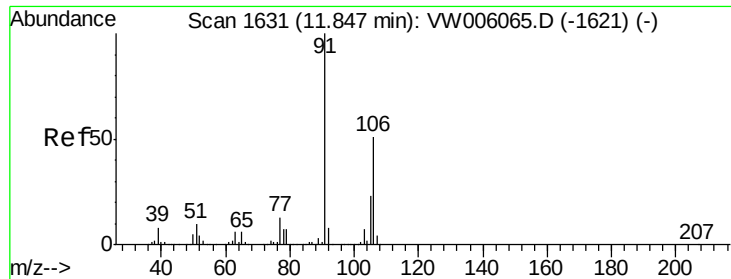


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

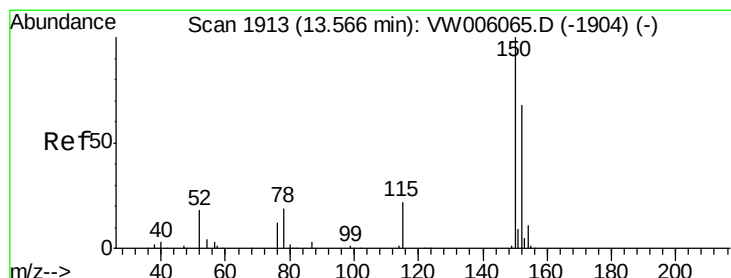
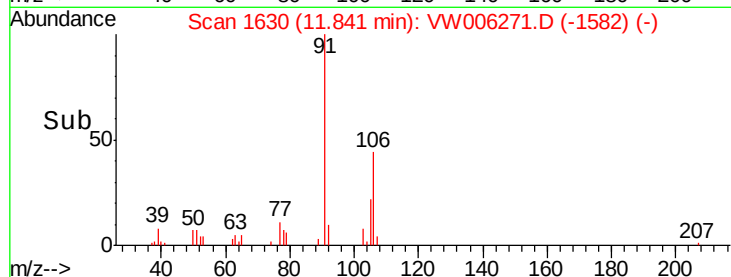
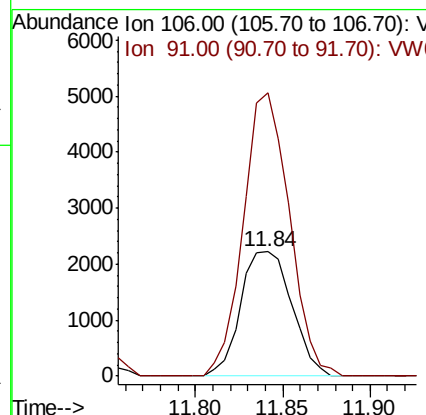
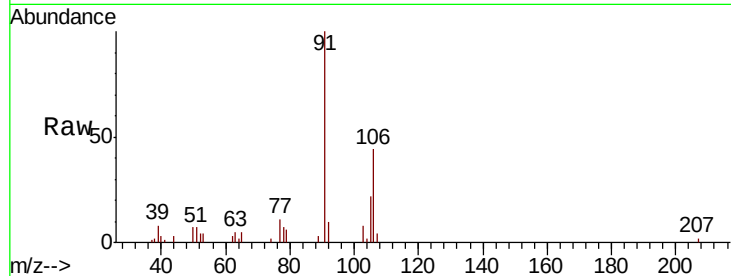




#68
m/p-Xylenes
Concen: 1.261 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006271.D
Acq: 23 Oct 2018 01:54

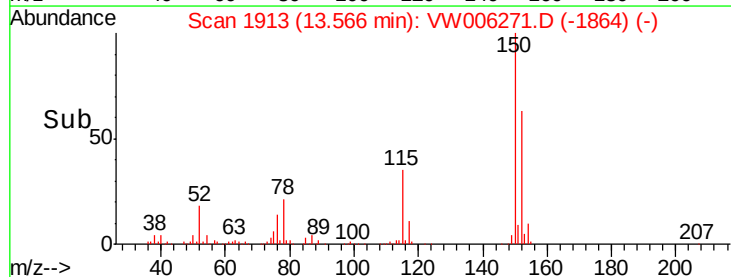
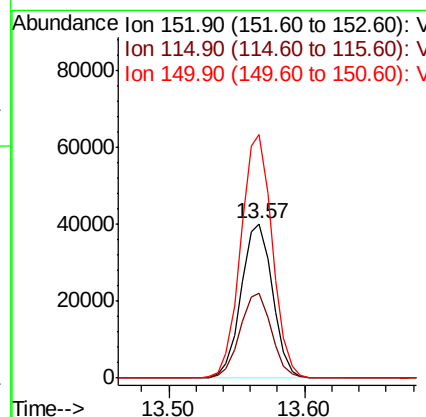
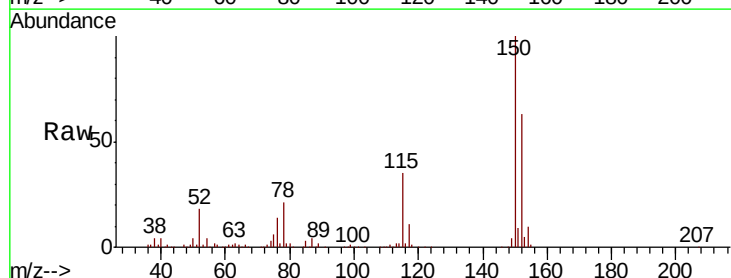
Instrument :
MSVOA_W
ClientSampled :
DW-03

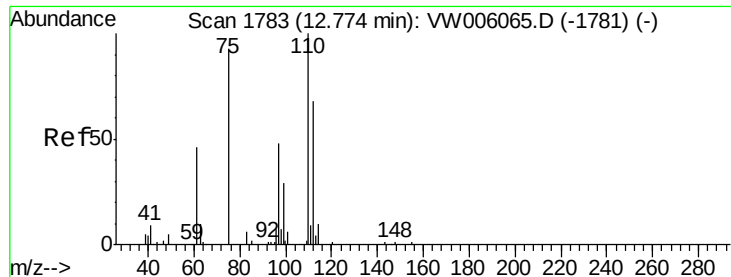
Tot Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 205.2 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006271.D
Acq: 23 Oct 2018 01:54

Tgt Ion:152 Resp: 64601
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 157.8 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 52.235 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampled :

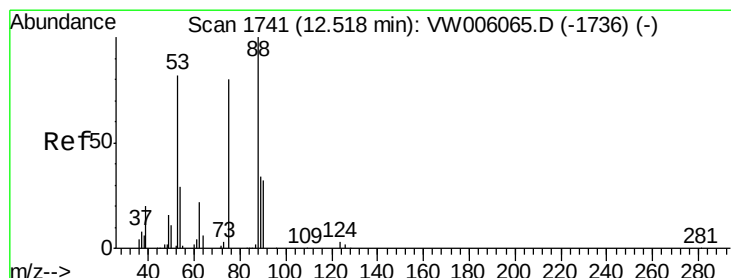
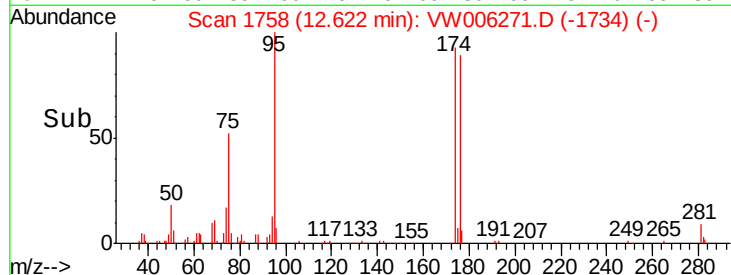
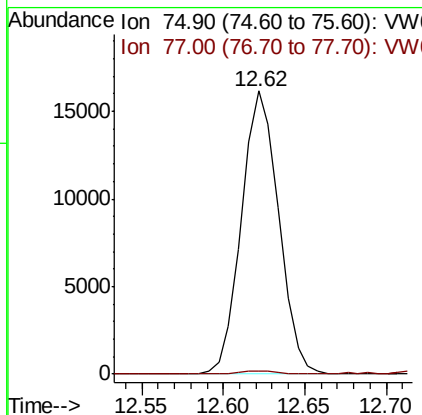
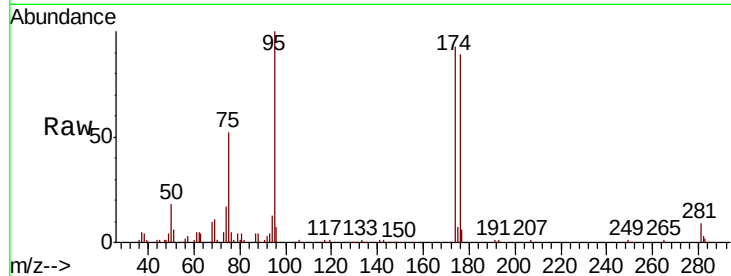
DW-03

Tot Ion: 75 Resp: 25774

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.862 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006271.D

Acq: 23 Oct 2018 01:54

Tgt Ion: 75 Resp: 25774

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

