

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006275.D
 Acq On : 23 Oct 2018 03:38
 Operator : VA/AP
 Sample : J5625-14
 Misc : 4.62G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-07

Quant Time: Oct 23 05:37:11 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

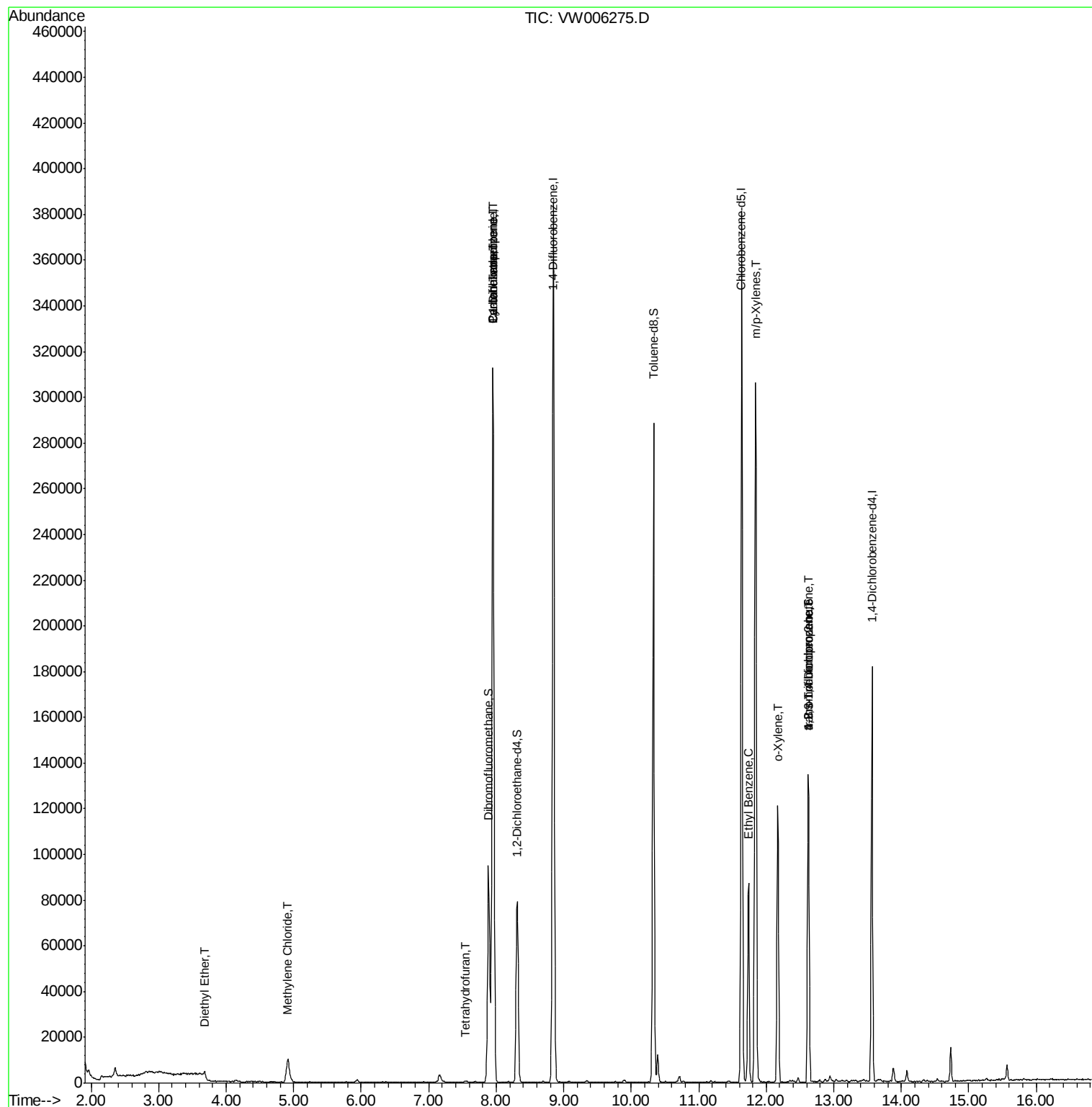
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	50624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63573	30.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.86%	
35) Dibromofluoromethane	7.88	113	66312	32.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.88%	
50) Toluene-d8	10.33	98	192706	24.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.56%	
62) 4-Bromofluorobenzene	12.62	95	40267	13.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.58%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	2129	1.876	ug/l	56
16) Acetone	4.16	43	1313	Below Cal	#	87
20) Methylene Chloride	4.91	84	8717	2.394	ug/l	94
29) Tetrahydrofuran	7.55	42	349	1.006	ug/l #	45
31) Cyclohexane	7.95	56	4740	1.240	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	16426	5.152	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22839	6.534	ug/l #	18
67) Ethyl Benzene	11.74	91	61147	7.565	ug/l	100
68) m/p-Xylenes	11.84	106	100551	31.472	ug/l	98
69) o-Xylene	12.17	106	32506	10.676	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	20632	53.358	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20632	127.548	ug/l #	10

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

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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: VW006275.D

Acq: 23 Oct 2018 03:38

Instrument :

MSVOA_W

ClientSampleId :

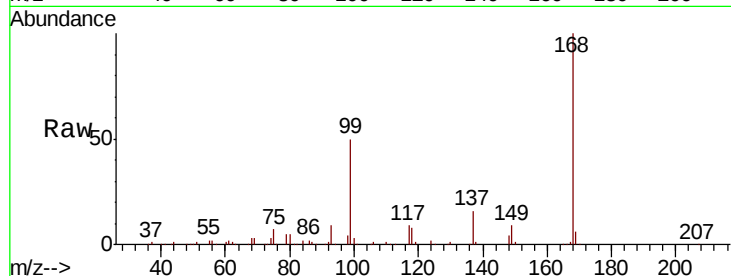
DW-07

Tot Ion:168 Resp: 251953

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

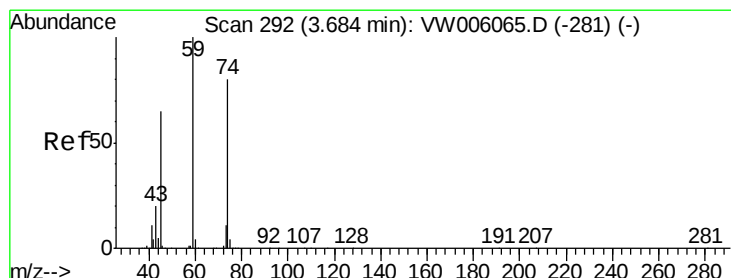
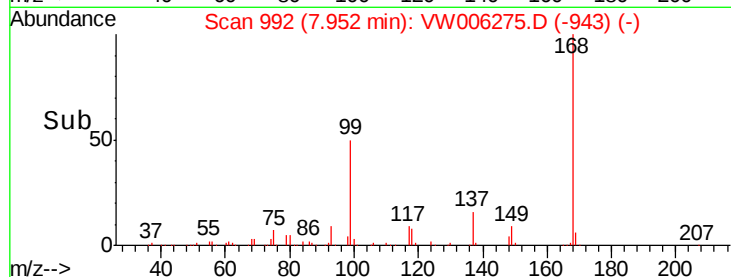
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.876 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006275.D

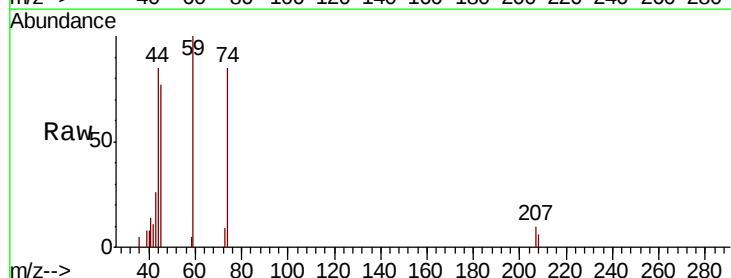
Acq: 23 Oct 2018 03:38

Tgt Ion: 74 Resp: 2129

Ion Ratio Lower Upper

74 100

45 45.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

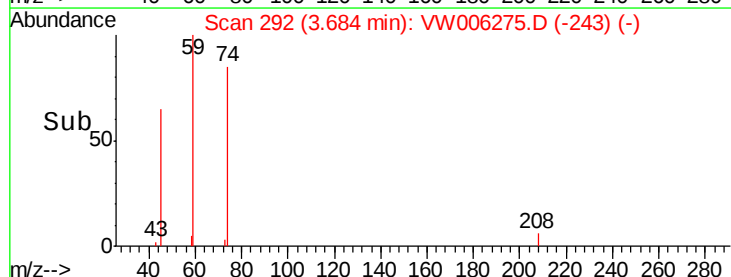
600

400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW006275.D

Acq: 23 Oct 2018 03:38

Instrument :

MSVOA_W

ClientSampleId :

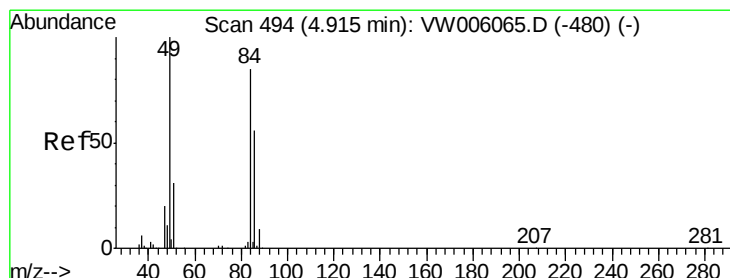
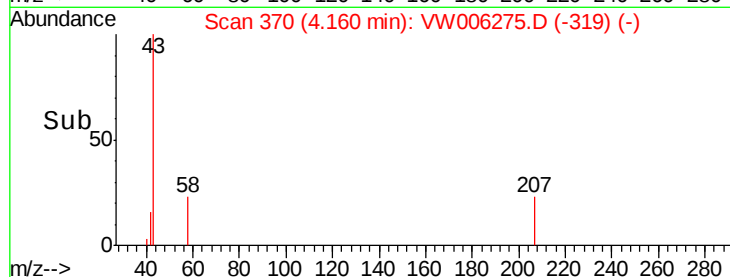
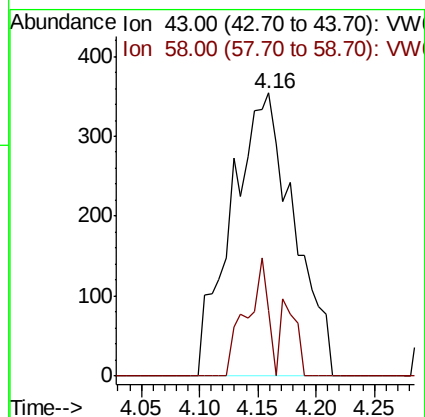
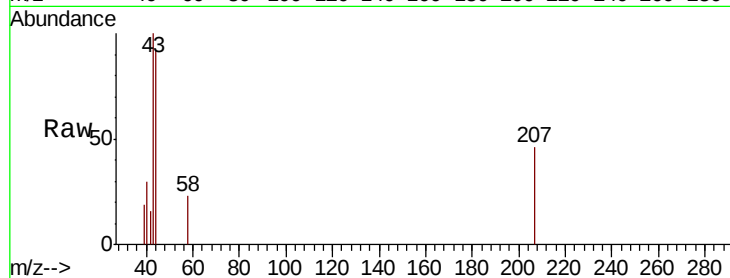
DW-07

Tot Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

58 23.2 24.0 36.0#



#20

Methylene Chloride

Concen: 2.394 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006275.D

Acq: 23 Oct 2018 03:38

Tgt Ion: 84 Resp: 8717

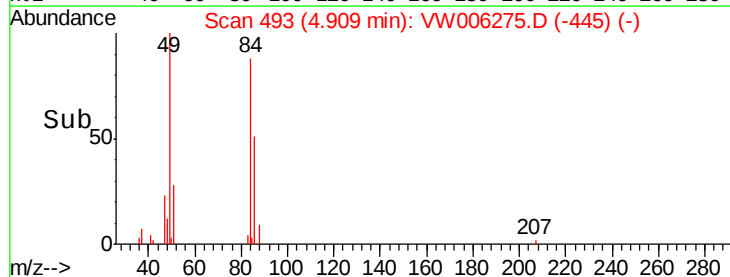
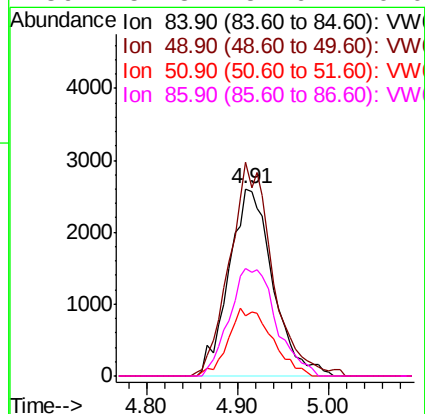
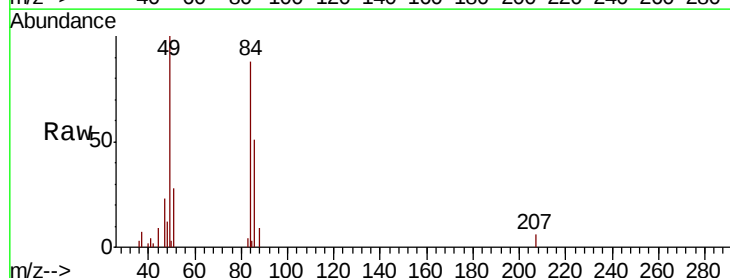
Ion Ratio Lower Upper

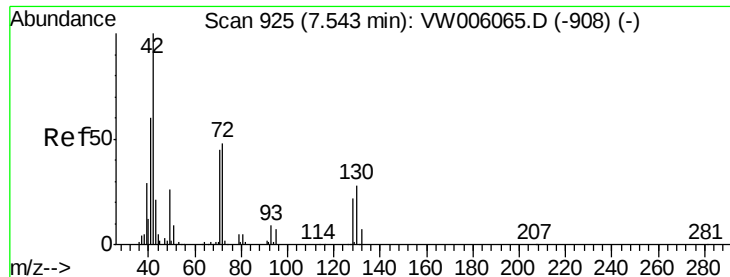
84 100

49 114.3 93.6 140.4

51 31.9 29.0 43.4

86 57.8 52.6 79.0





#29

Tetrahydrofuran

Concen: 1.006 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006275.D

Acq: 23 Oct 2018 03:38

Instrument :

MSVOA_W

ClientSampleId :

DW-07

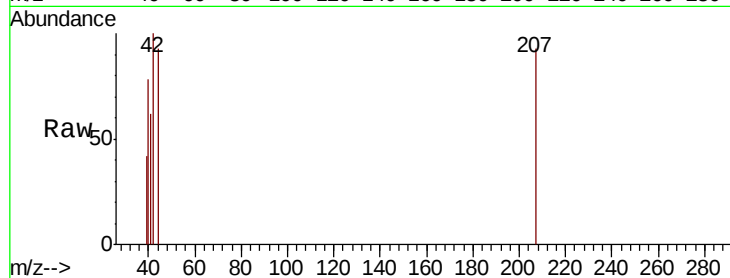
Tot Ion: 42 Resp: 349

Ion Ratio Lower Upper

42 100

72 12.3 38.0 57.0#

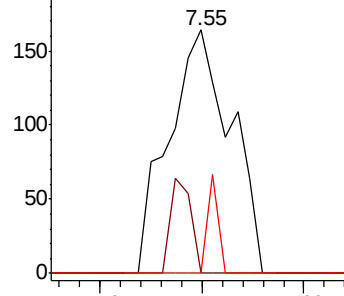
71 7.2 35.3 52.9#



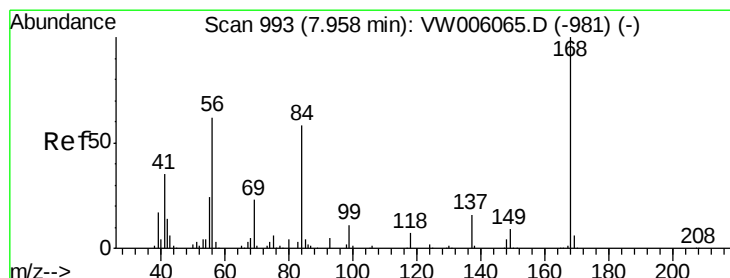
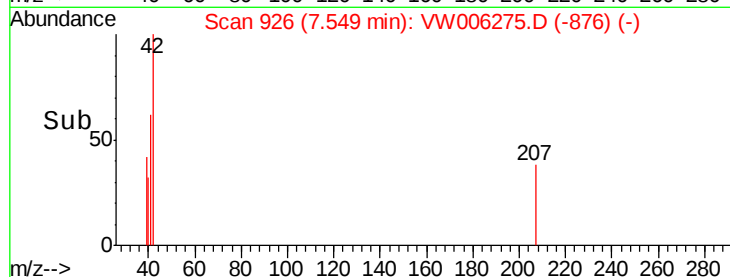
Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006275.D

Acq: 23 Oct 2018 03:38

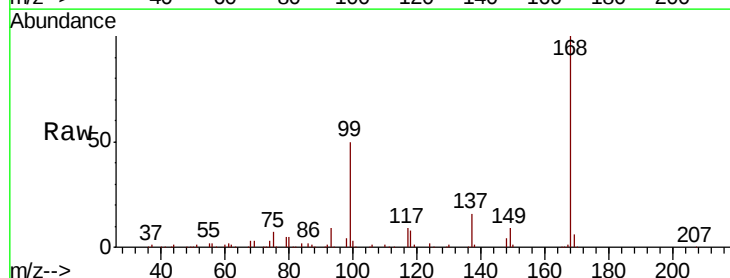
Tgt Ion: 56 Resp: 4740

Ion Ratio Lower Upper

56 100

69 146.9 29.4 44.0#

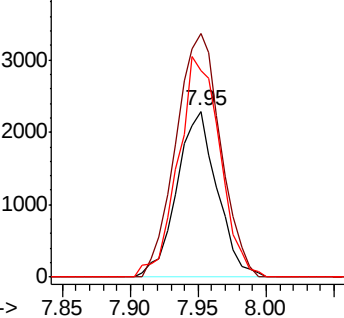
84 124.8 74.0 111.0#



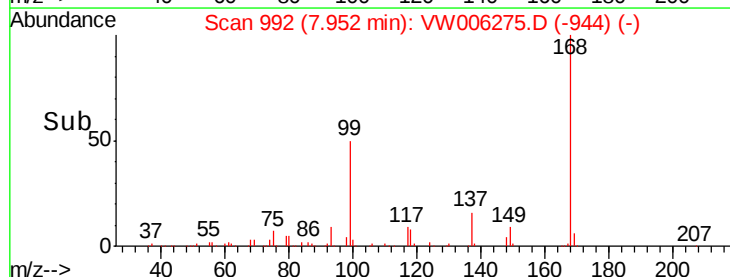
Abundance Ion 56.00 (55.70 to 56.70): VW

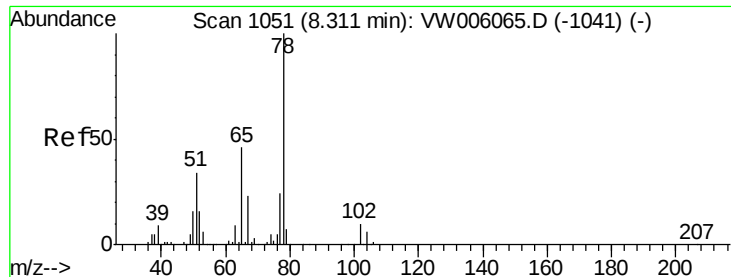
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->

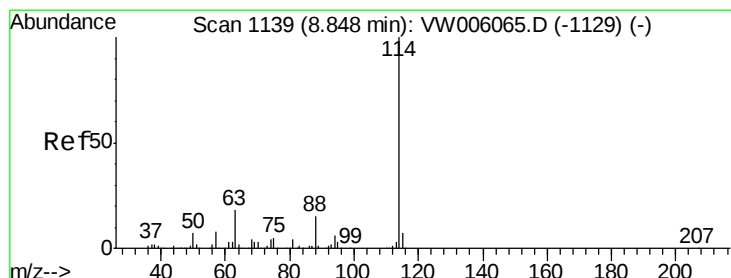
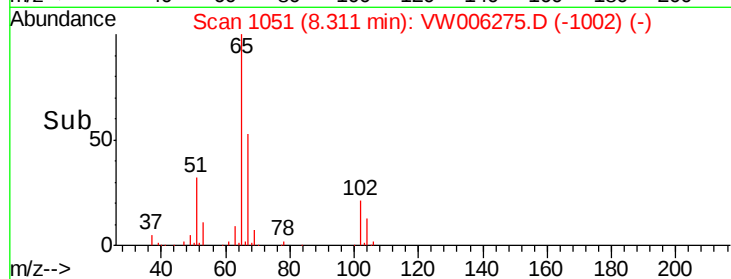
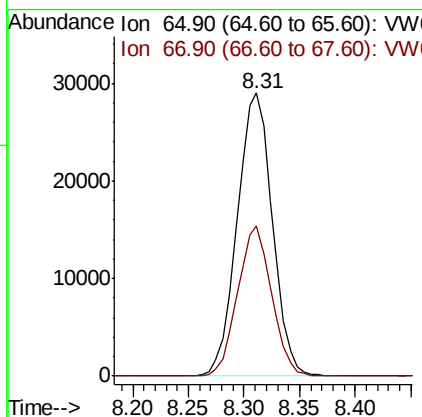
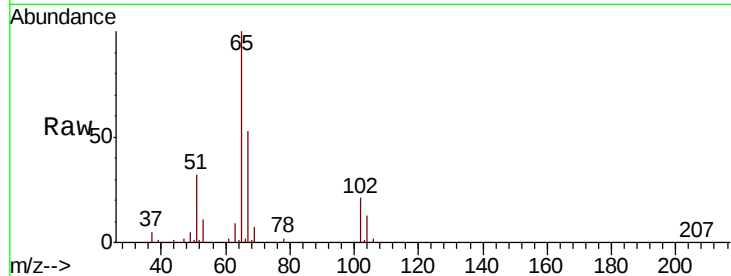




#33
 1,2-Dichloroethane-d4
 Concen: 30.435 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006275.D
 Acq: 23 Oct 2018 03:38

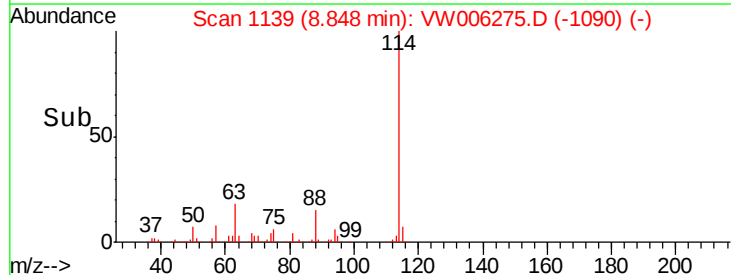
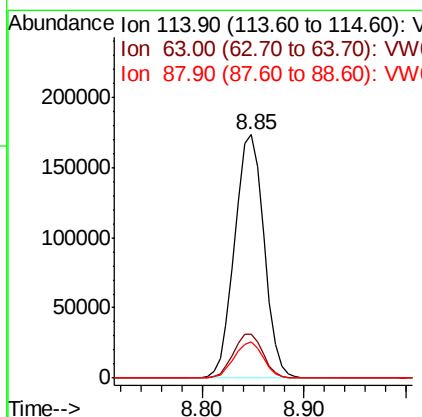
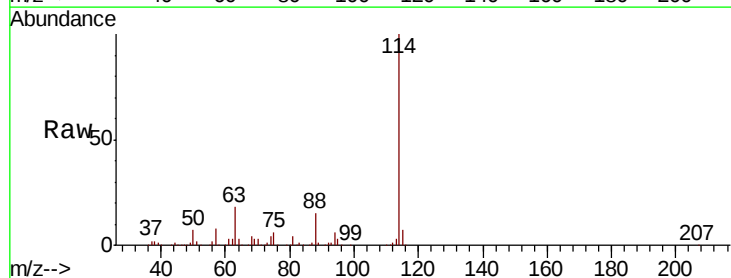
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-07

Tot Ion: 65 Resp: 63573
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VW006275.D
 Acq: 23 Oct 2018 03:38

Tgt Ion: 114 Resp: 345918
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.8 0.0 29.0

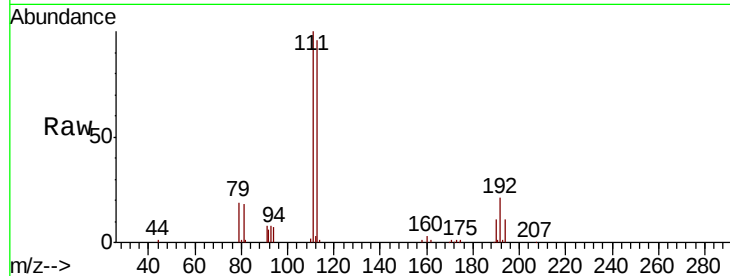




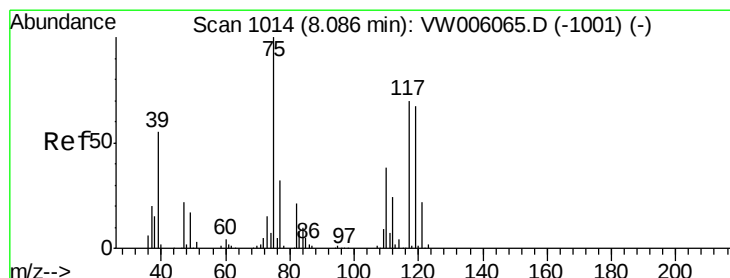
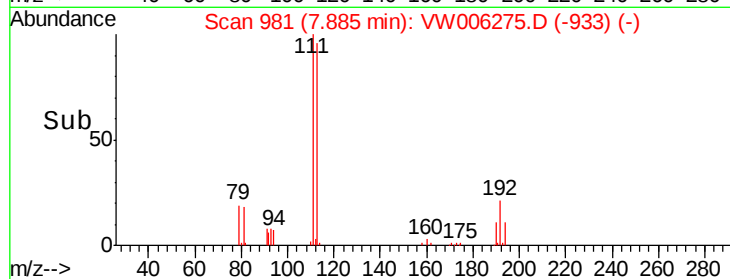
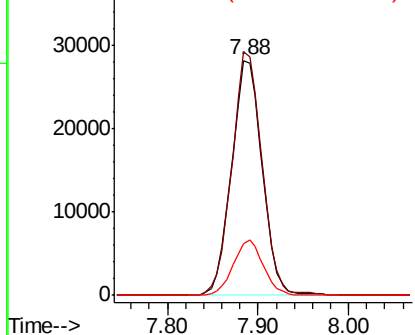
#35
 Dibromofluoromethane
 Concen: 32.442 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006275.D
 Acq: 23 Oct 2018 03:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-07

Tot Ion:113 Resp: 66312
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 22.8 18.7 28.1

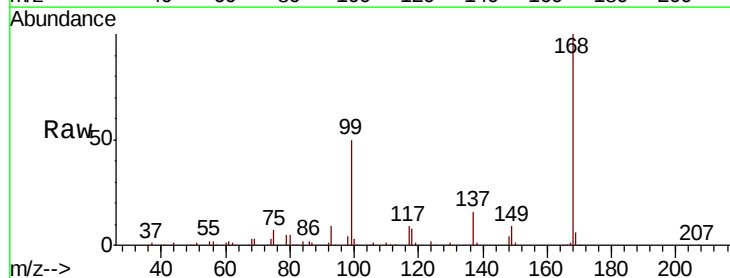


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

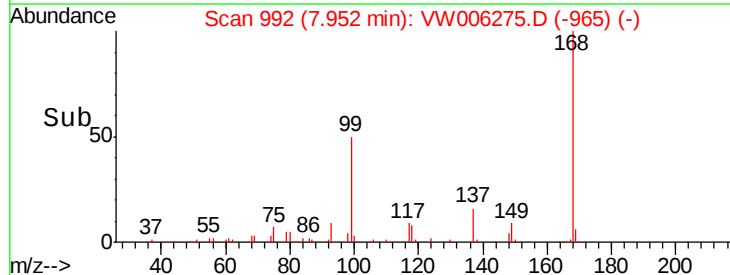
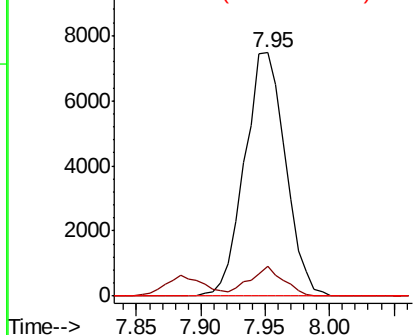


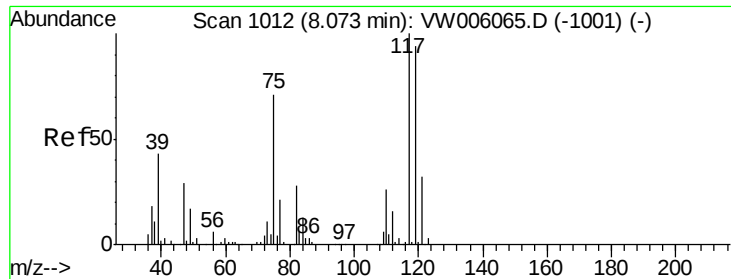
#36
 1,1-Dichloropropene
 Concen: 5.152 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006275.D
 Acq: 23 Oct 2018 03:38

Tgt Ion: 75 Resp: 16426
 Ion Ratio Lower Upper
 75 100
 110 10.0 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

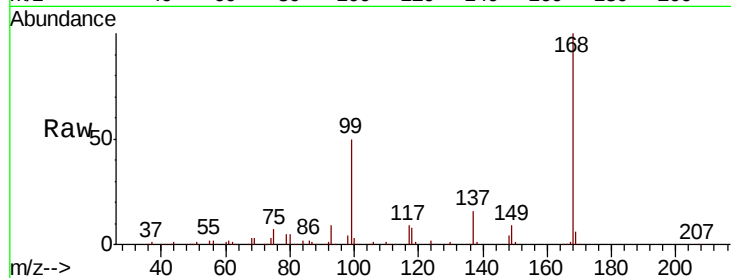




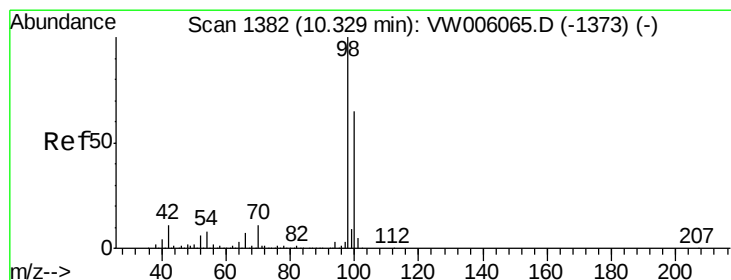
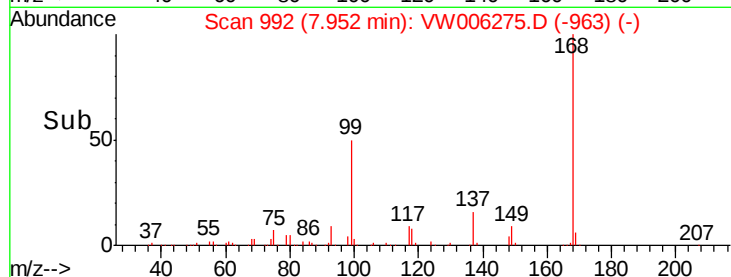
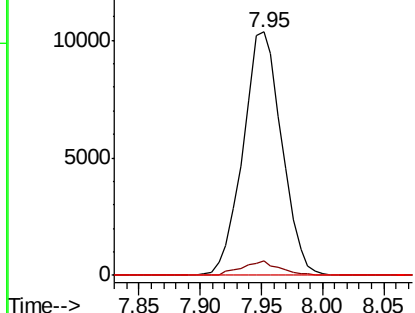
#38
Carbon Tetrachloride
Concen: 6.534 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

Instrument :
MSVOA_W
ClientSampleId :
DW-07

Tot Ion:117 Resp: 22839
Ion Ratio Lower Upper
117 100
119 6.1 75.2 112.8#
121 0.0 25.3 37.9#

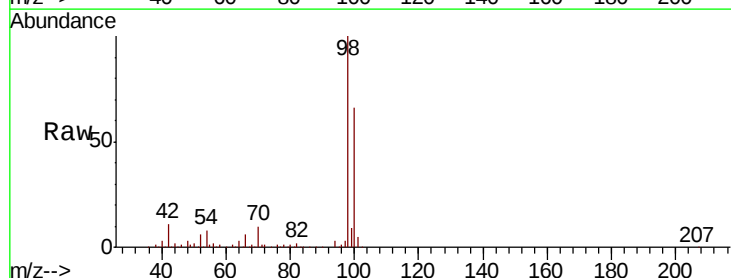


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

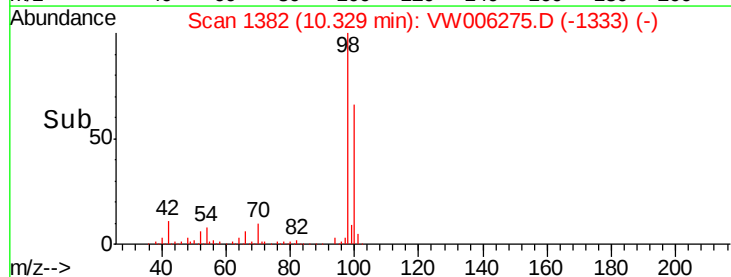
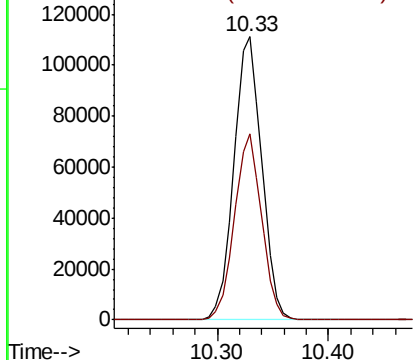


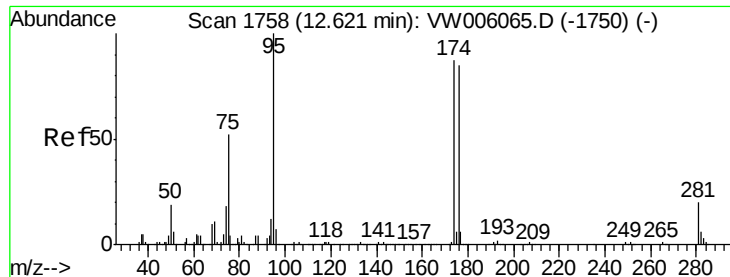
#50
Toluene-d8
Concen: 24.781 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

Tgt Ion: 98 Resp: 192706
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

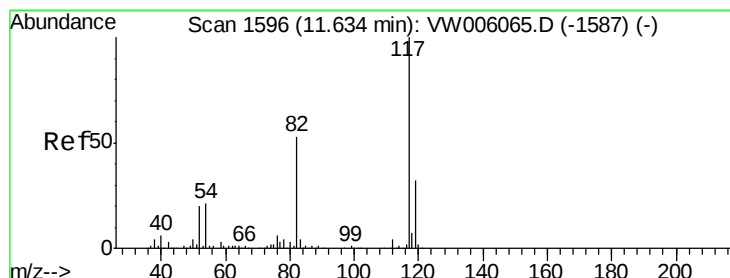
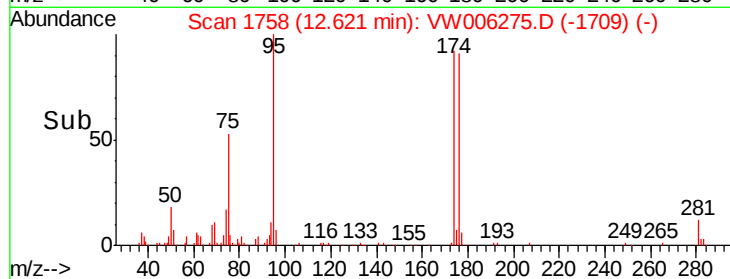
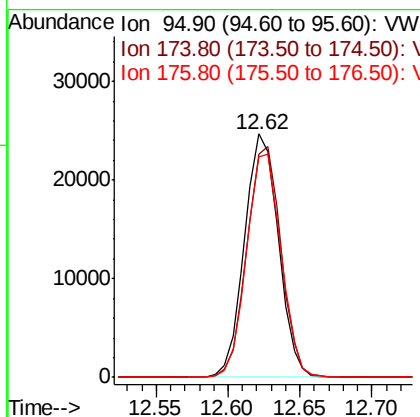
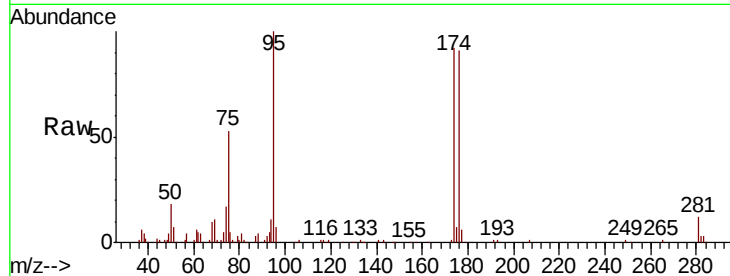




#62
4-Bromofluorobenzene
Concen: 13.787 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

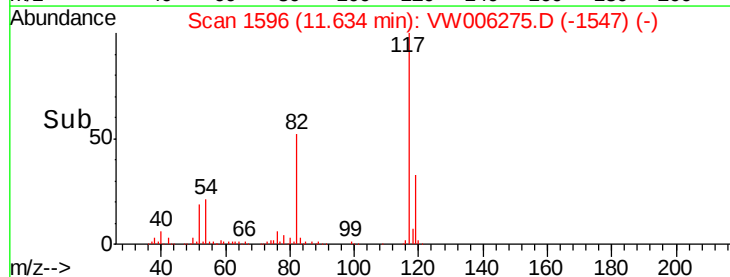
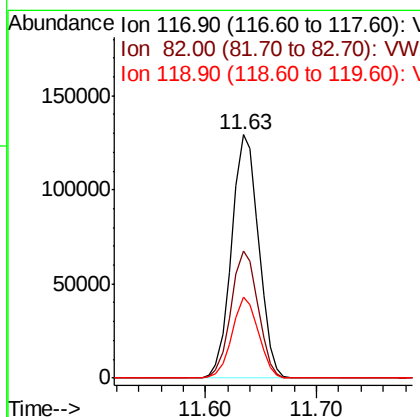
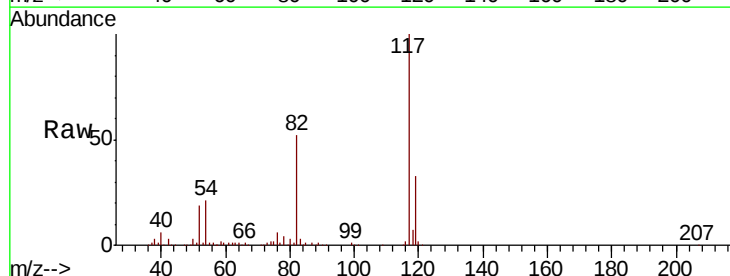
Instrument :
MSVOA_W
ClientSampleId :
DW-07

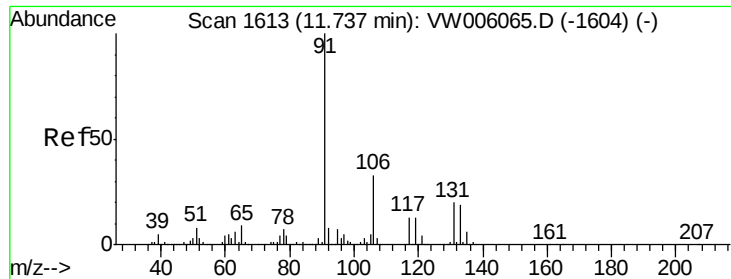
Tot Ion: 95 Resp: 40267
Ion Ratio Lower Upper
95 100
174 95.1 0.0 186.0
176 93.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

Tgt Ion: 117 Resp: 217884
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 33.4 25.8 38.6

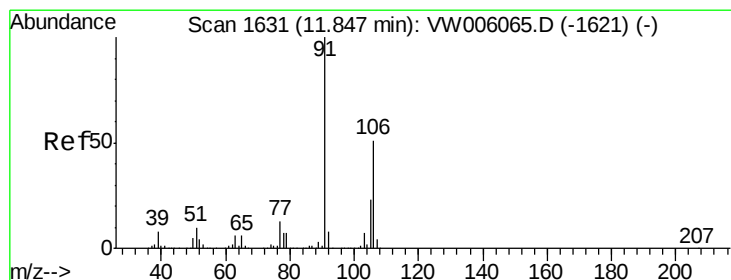
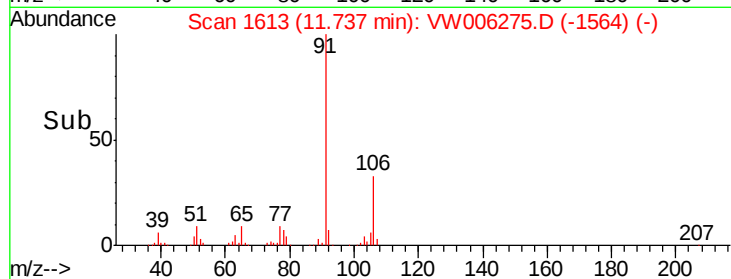
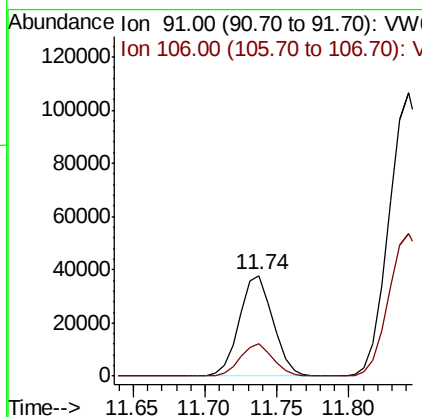
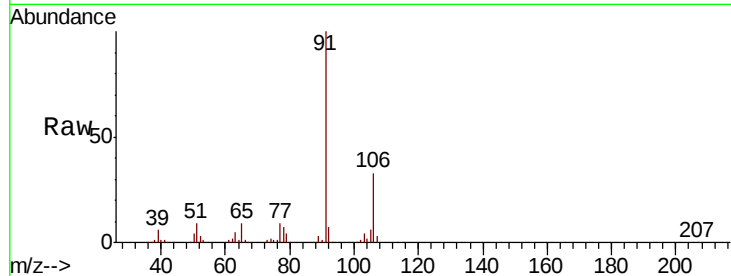




#67
Ethyl Benzene
Concen: 7.565 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

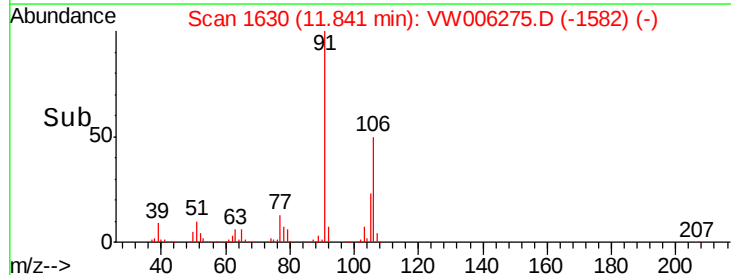
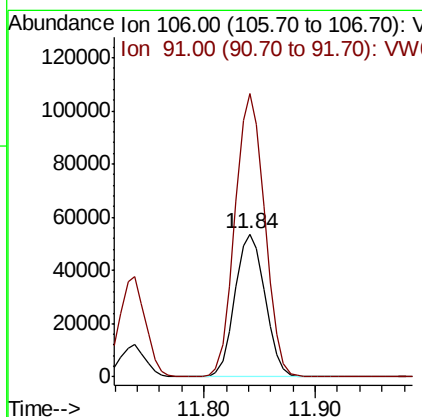
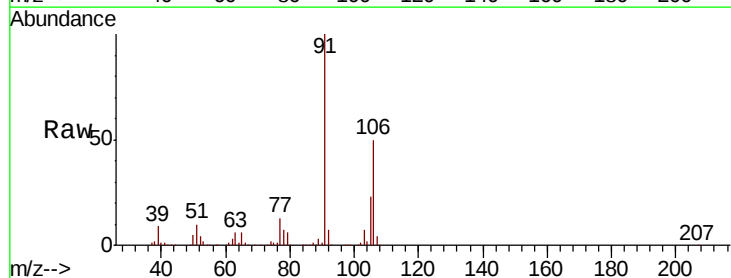
Instrument :
MSVOA_W
ClientSampled :
DW-07

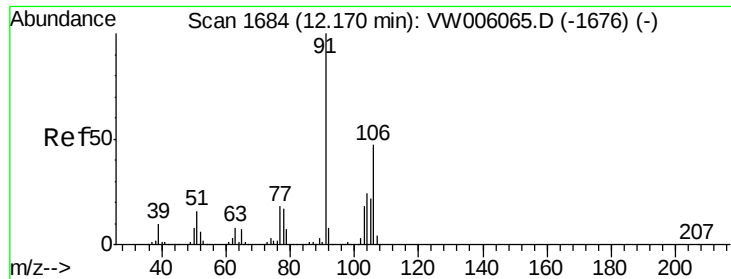
Tot Ion: 91 Resp: 61147
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 31.472 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

Tgt Ion: 106 Resp: 100551
Ion Ratio Lower Upper
106 100
91 195.5 159.1 238.7

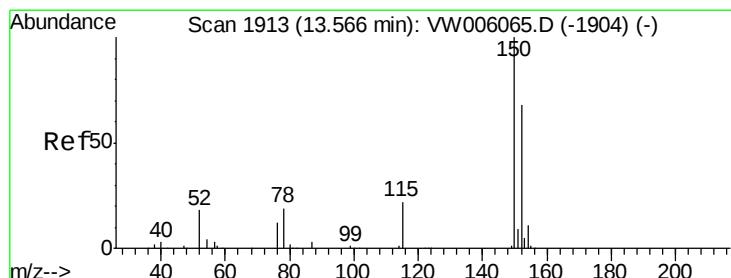
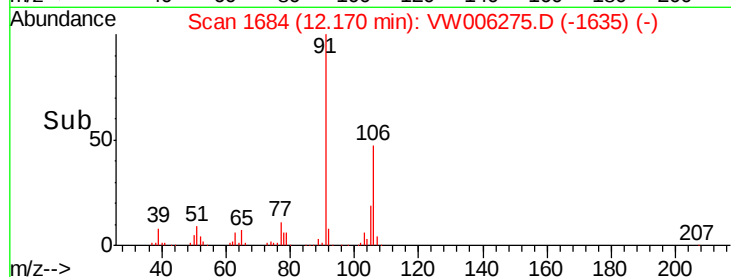
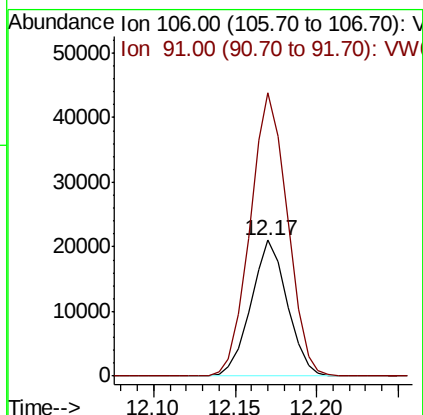
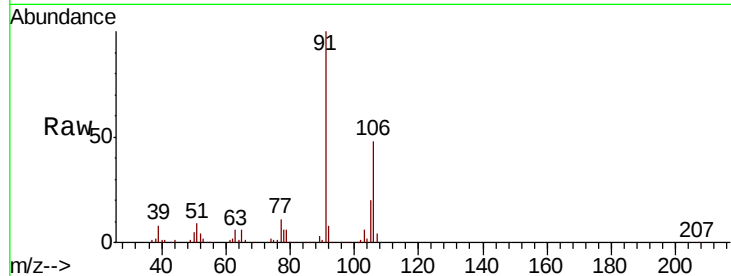




#69
o-Xylene
Concen: 10.676 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

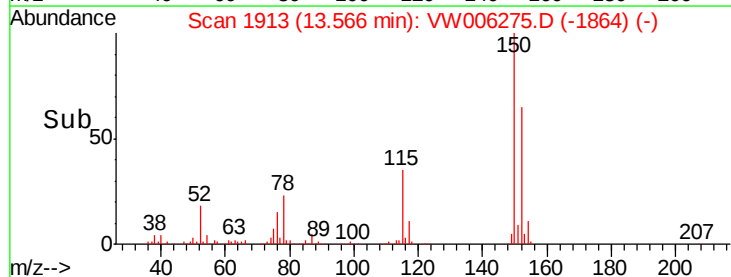
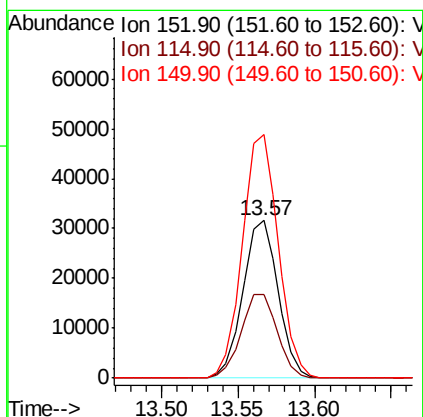
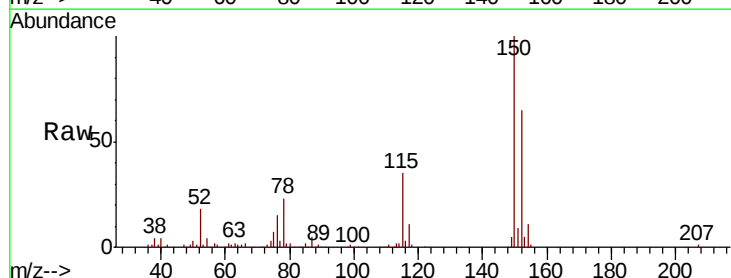
Instrument :
MSVOA_W
ClientSampled :
DW-07

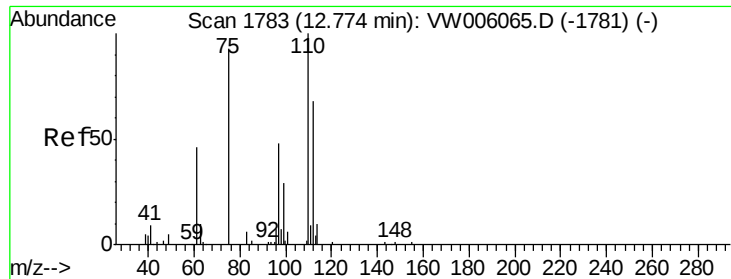
Tot Ion:106 Resp: 32506
Ion Ratio Lower Upper
106 100
91 214.5 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006275.D
Acq: 23 Oct 2018 03:38

Tgt Ion:152 Resp: 50624
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.3
150 156.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 53.358 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006275.D

Acq: 23 Oct 2018 03:38

Instrument :

MSVOA_W

ClientSampleId :

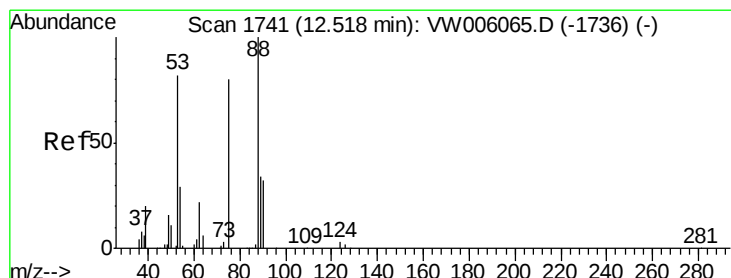
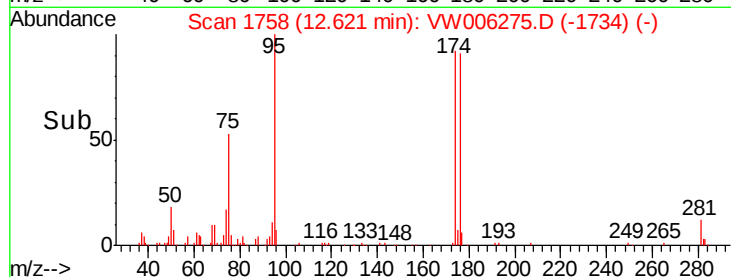
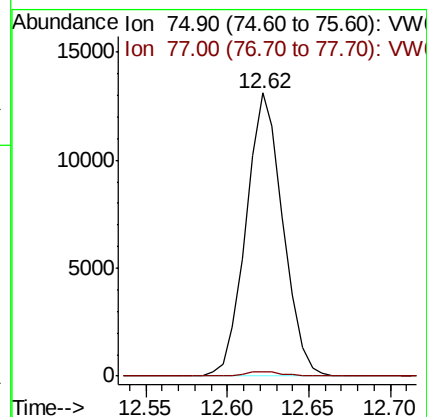
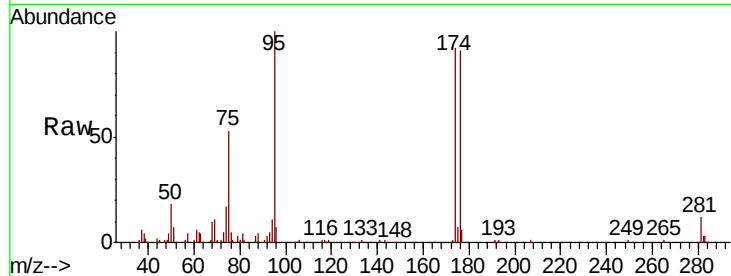
DW-07

Tot Ion: 75 Resp: 20632

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.548 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006275.D

Acq: 23 Oct 2018 03:38

Tgt Ion: 75 Resp: 20632

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

