

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006274.D
 Acq On : 23 Oct 2018 03:12
 Operator : VA/AP
 Sample : J5625-12
 Misc : 4.72G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-06

Quant Time: Oct 23 05:37:01 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

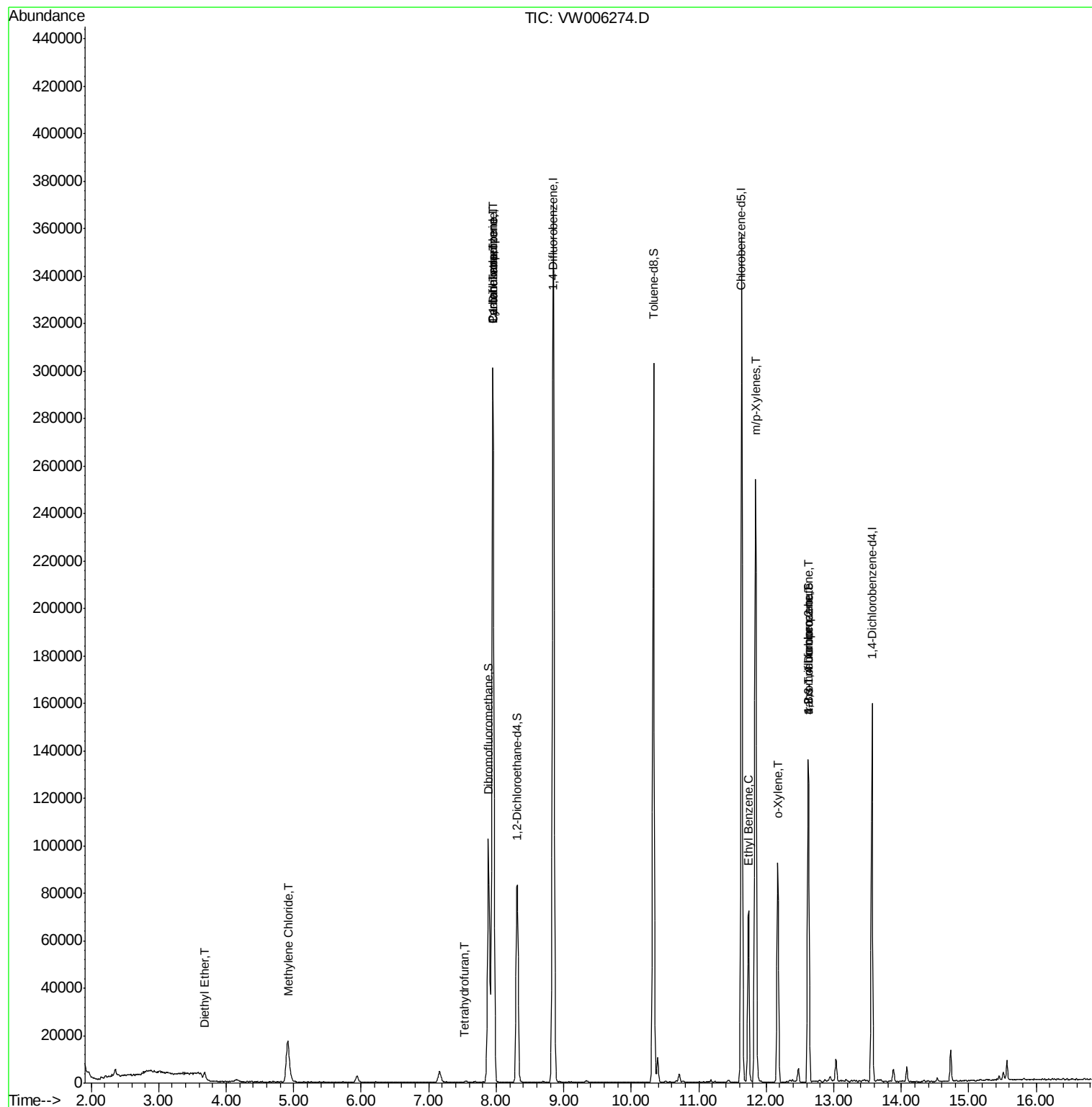
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	207297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67239	33.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.26%	
35) Dibromofluoromethane	7.88	113	70703	35.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.20%	
50) Toluene-d8	10.33	98	208359	27.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.16%	
62) 4-Bromofluorobenzene	12.62	95	40487	14.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.54%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1912	1.734	ug/l	94
16) Acetone	4.15	43	1890	Below Cal		94
20) Methylene Chloride	4.92	84	15484	5.772	ug/l	92
29) Tetrahydrofuran	7.53	42	410	1.217	ug/l #	31
31) Cyclohexane	7.95	56	4336	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16006	5.167	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21678	6.384	ug/l #	17
67) Ethyl Benzene	11.74	91	51881	6.746	ug/l	99
68) m/p-Xylenes	11.84	106	80468	26.472	ug/l	99
69) o-Xylene	12.17	106	24822	8.568	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	21346	62.334	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21346	149.004	ug/l #	10

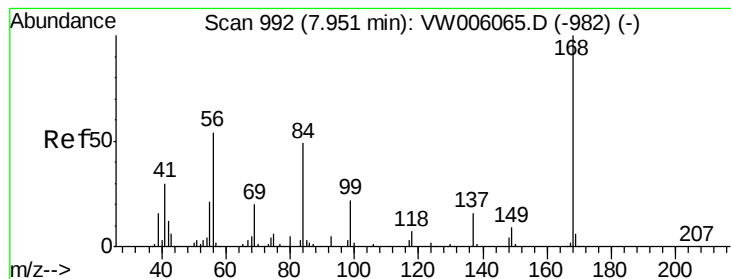
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006274.D
Acq On : 23 Oct 2018 03:12
Operator : VA/AP
Sample : J5625-12
Misc : 4.72G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-06

Quant Time: Oct 23 05:37:01 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: VW006274.D

Acq: 23 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

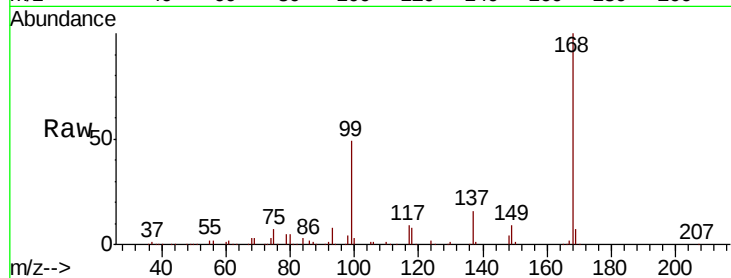
DW-06

Tot Ion:168 Resp: 244767

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

120000

100000

80000

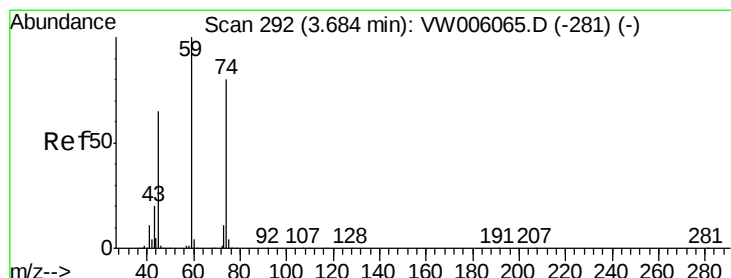
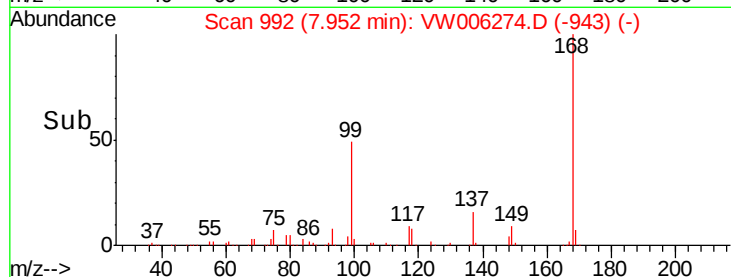
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.734 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006274.D

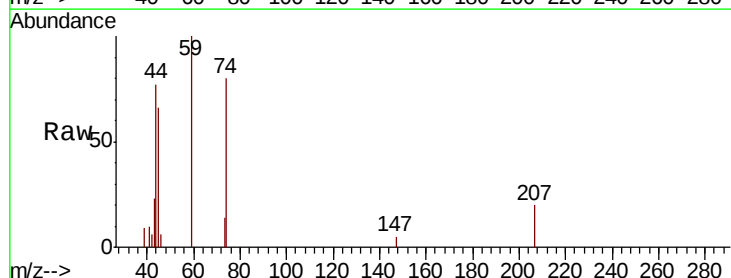
Acq: 23 Oct 2018 03:12

Tgt Ion: 74 Resp: 1912

Ion Ratio Lower Upper

74 100

45 90.9 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

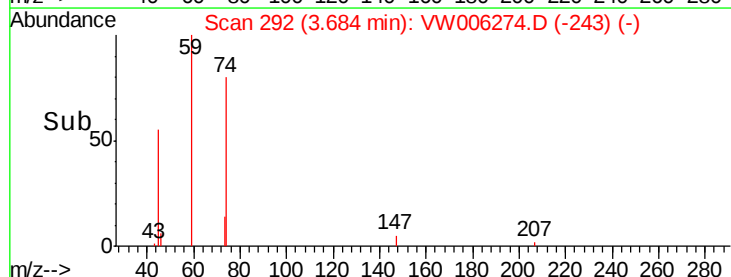
600

400

200

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006274.D

Acq: 23 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

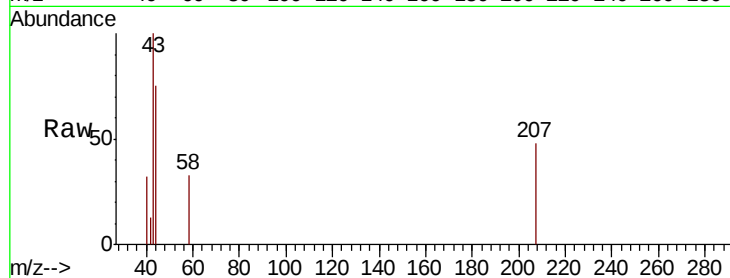
DW-06

Tot Ion: 43 Resp: 1890

Ion Ratio Lower Upper

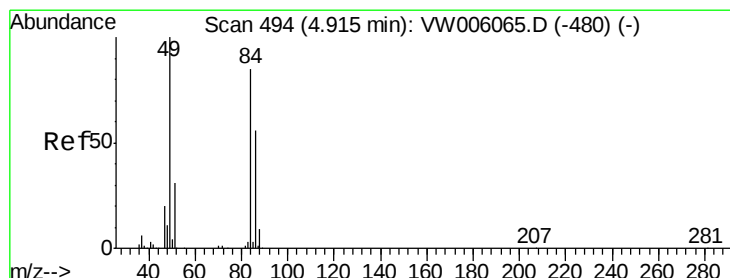
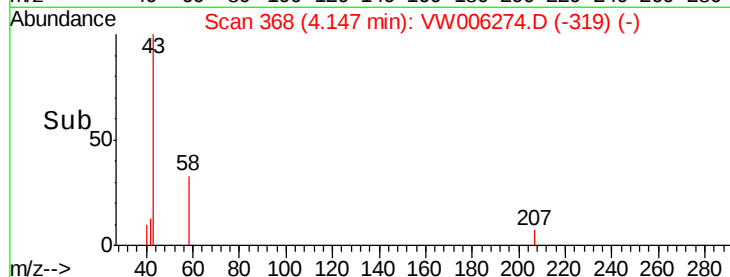
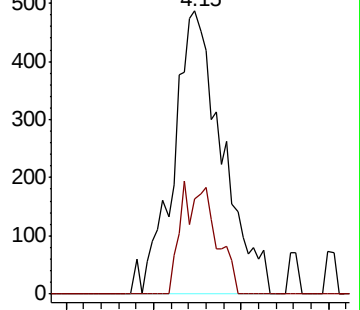
43 100

58 33.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 5.772 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006274.D

Acq: 23 Oct 2018 03:12

Tgt Ion: 84 Resp: 15484

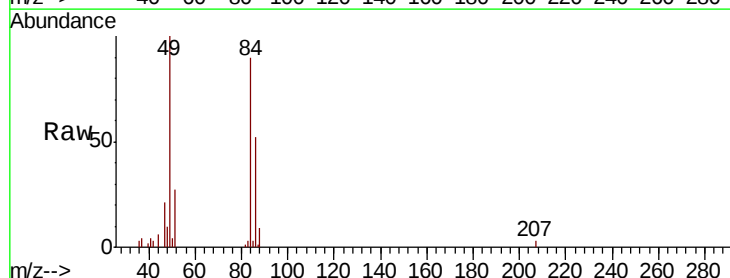
Ion Ratio Lower Upper

84 100

49 110.6 93.6 140.4

51 29.5 29.0 43.4

86 57.9 52.6 79.0

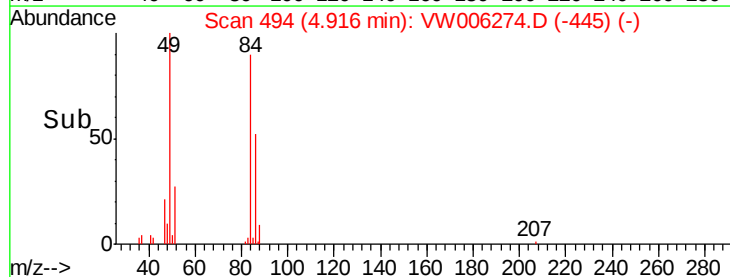
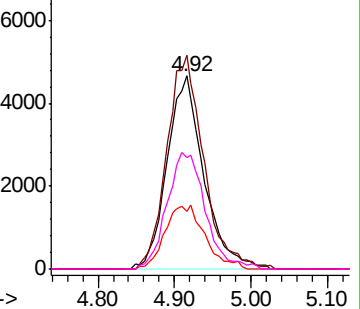


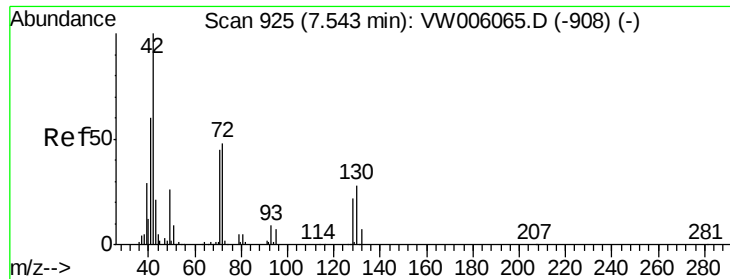
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

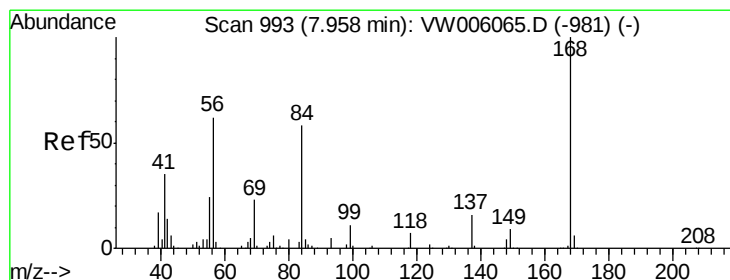
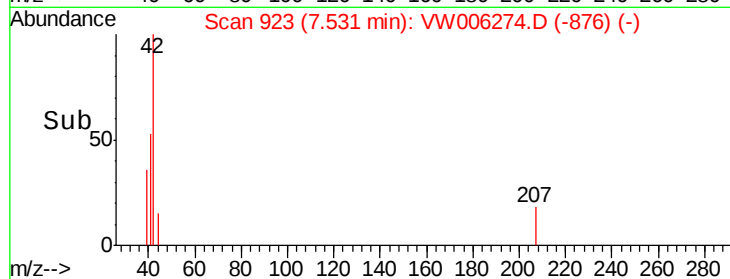
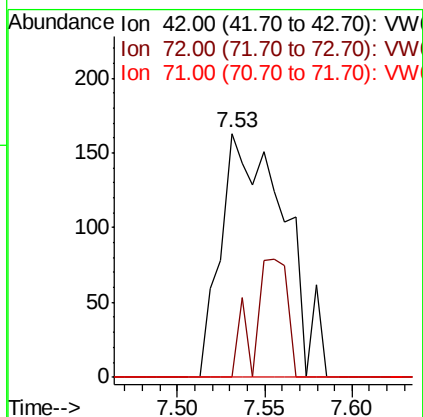
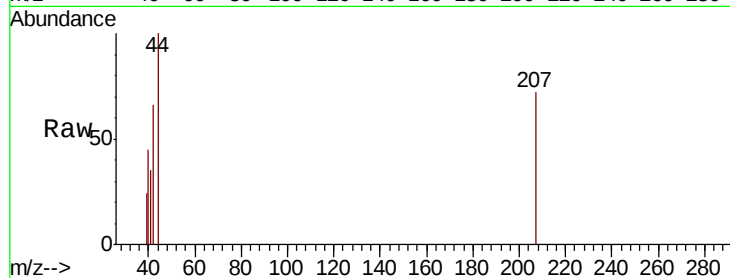




#29
Tetrahydrofuran
Concen: 1.217 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

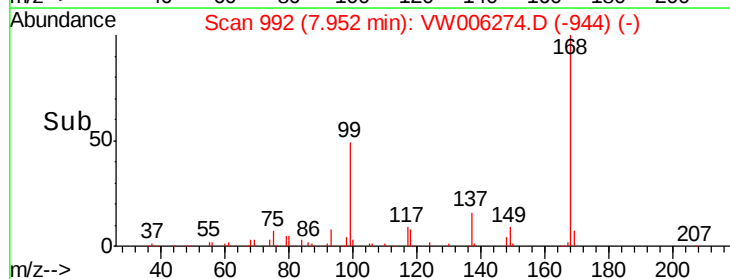
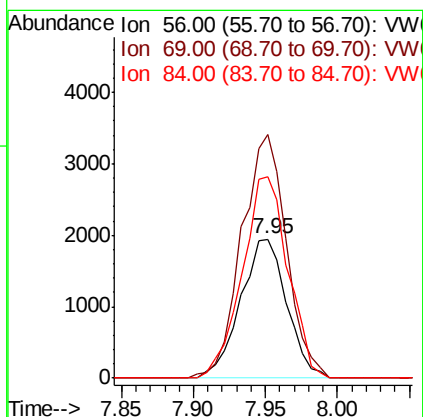
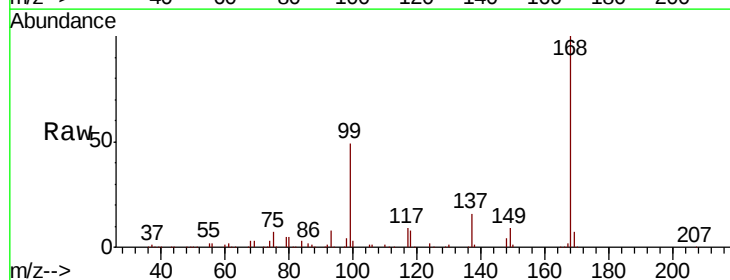
Instrument :
MSVOA_W
ClientSampleId :
DW-06

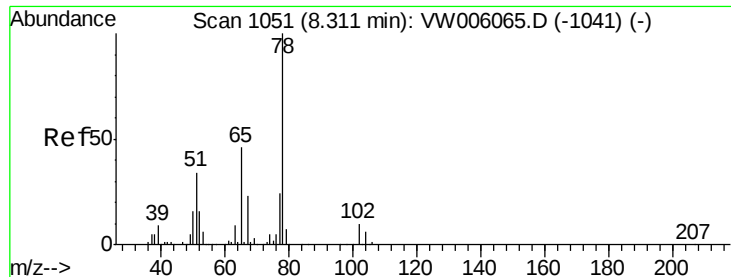
Tot Ion: 42 Resp: 410
Ion Ratio Lower Upper
42 100
72 0.0 38.0 57.0#
71 0.0 35.3 52.9#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

Tgt Ion: 56 Resp: 4336
Ion Ratio Lower Upper
56 100
69 174.8 29.4 44.0#
84 145.0 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 33.135 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006274.D

Acq: 23 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

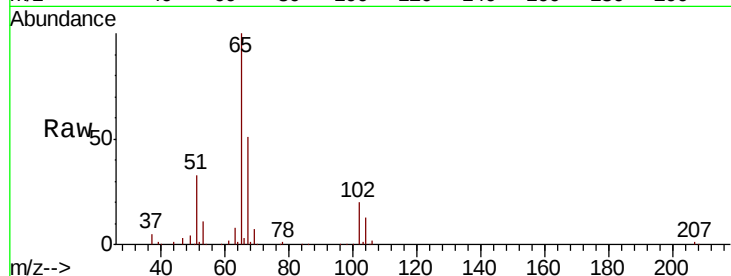
DW-06

Tot Ion: 65 Resp: 67239

Ion Ratio Lower Upper

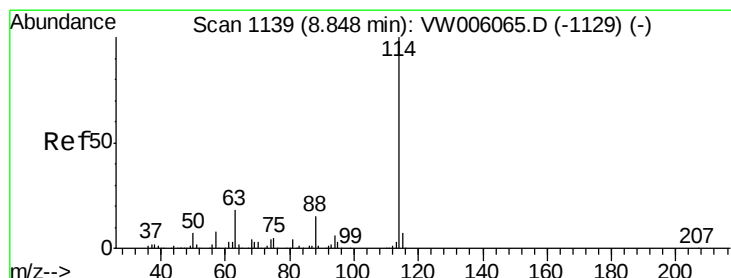
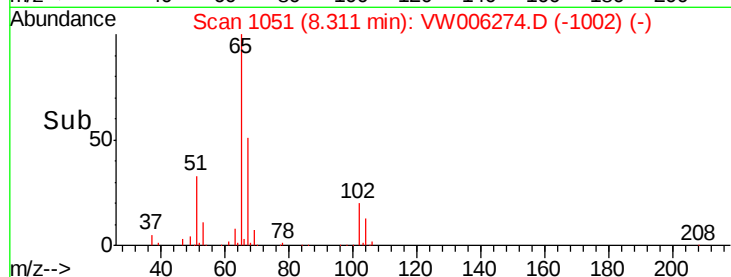
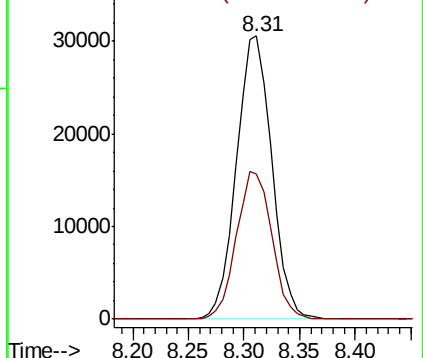
65 100

67 52.4 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: VW006274.D

Acq: 23 Oct 2018 03:12

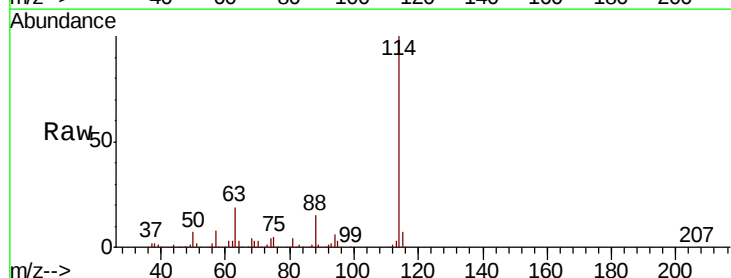
Tgt Ion: 114 Resp: 336088

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

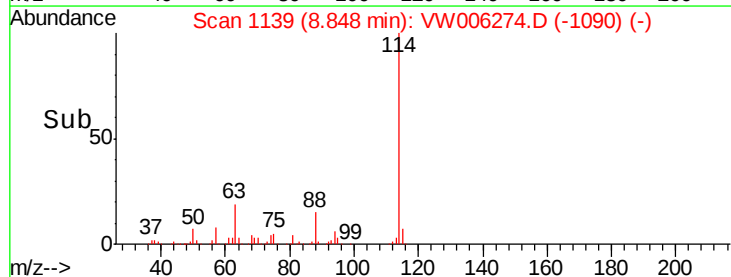
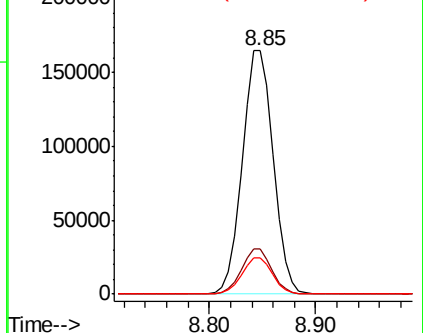
88 15.1 0.0 29.0



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

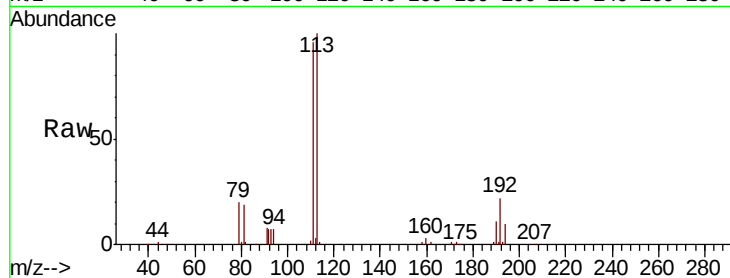




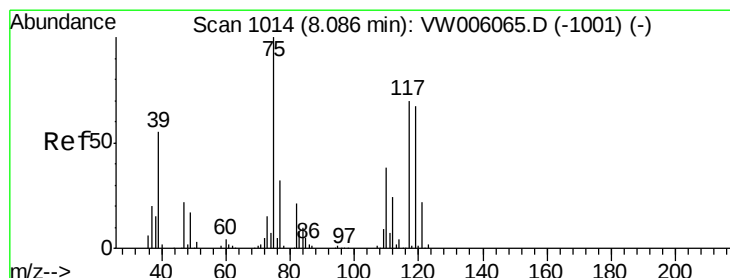
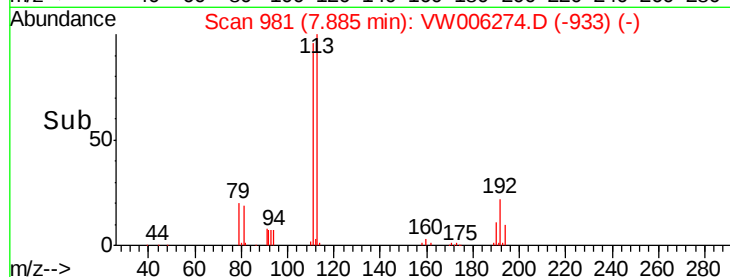
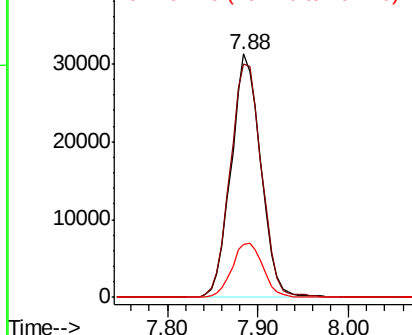
#35
 Dibromofluoromethane
 Concen: 35.602 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006274.D
 Acq: 23 Oct 2018 03:12

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-06

Tot Ion:113 Resp: 70703
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.3 18.7 28.1

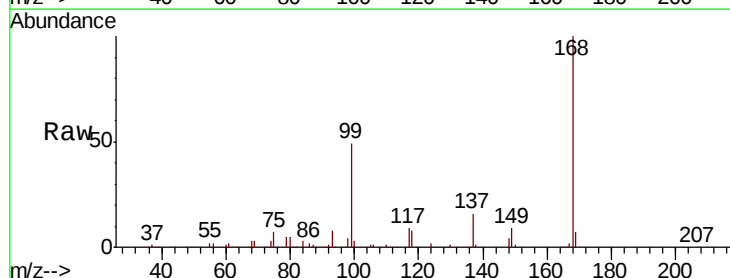


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

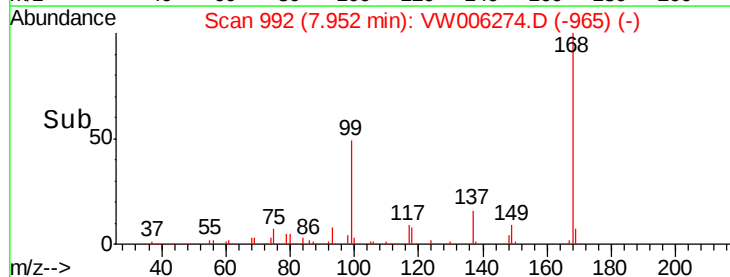
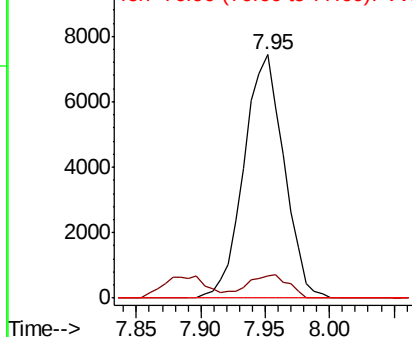


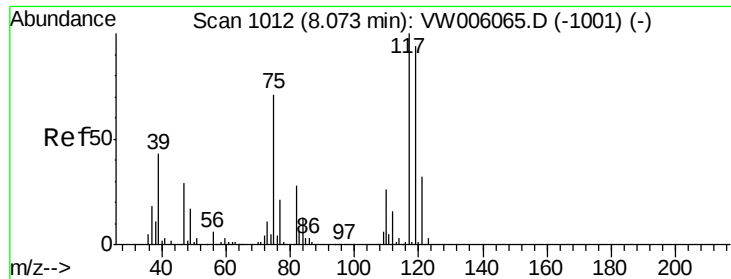
#36
 1,1-Dichloropropene
 Concen: 5.167 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006274.D
 Acq: 23 Oct 2018 03:12

Tgt Ion: 75 Resp: 16006
 Ion Ratio Lower Upper
 75 100
 110 9.5 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

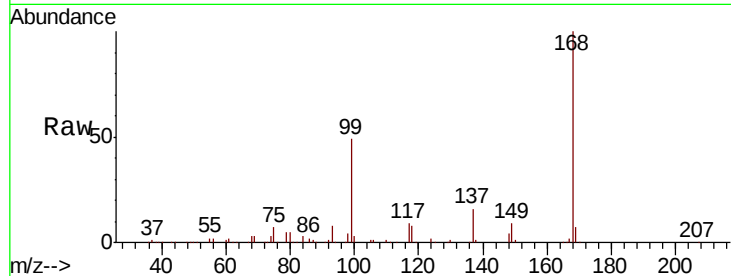




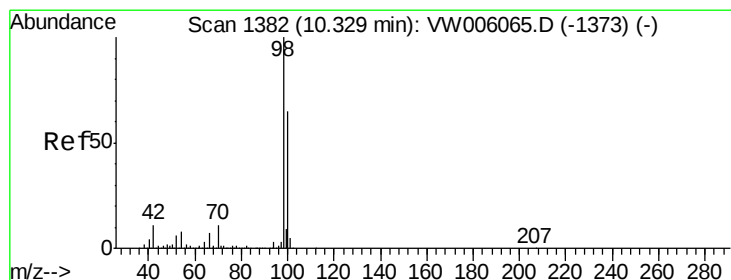
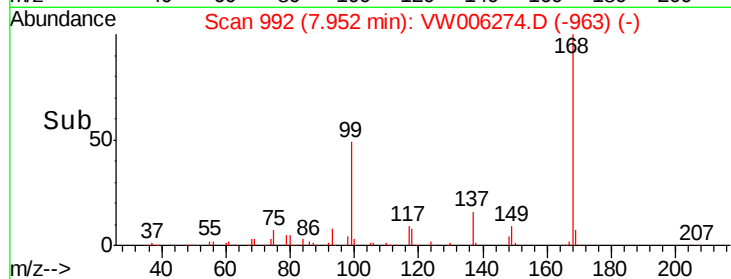
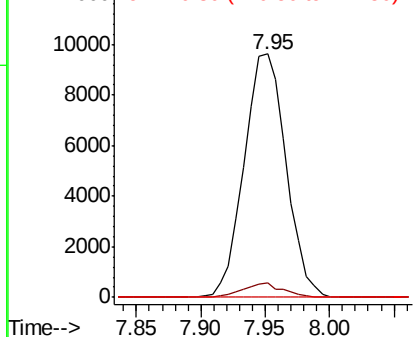
#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

Instrument :
MSVOA_W
ClientSampleId :
DW-06

Tot Ion:117 Resp: 21678
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 25.3 37.9#

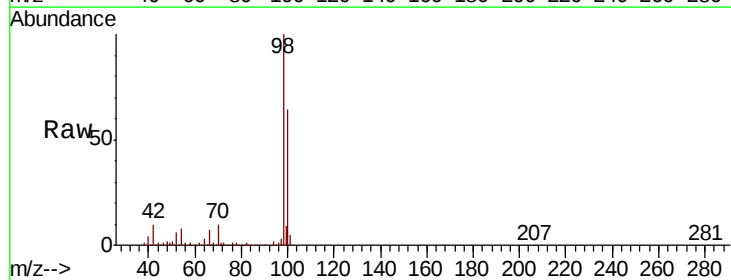


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

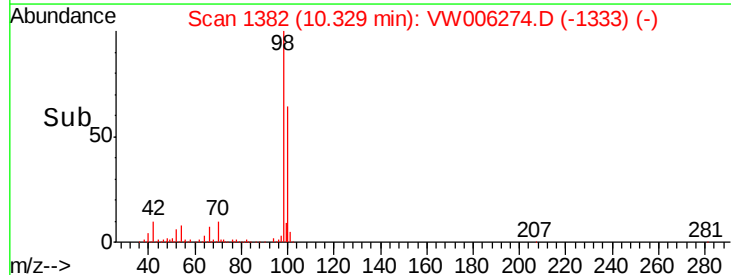
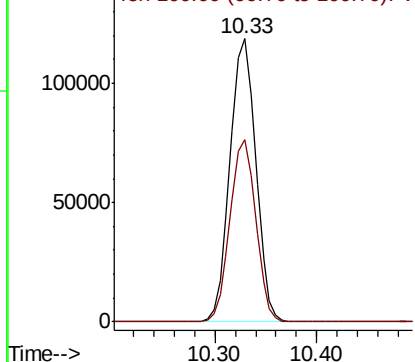


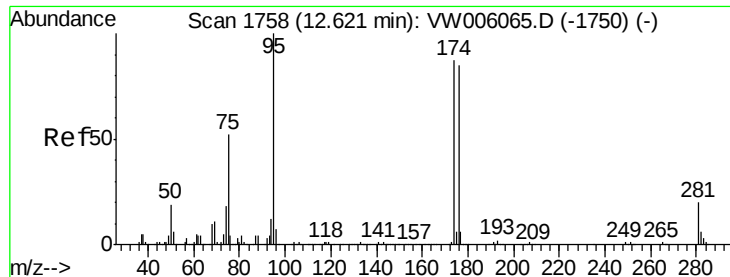
#50
Toluene-d8
Concen: 27.577 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

Tgt Ion: 98 Resp: 208359
Ion Ratio Lower Upper
98 100
100 64.1 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: 14.267 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006274.D

Acq: 23 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampled :

DW-06

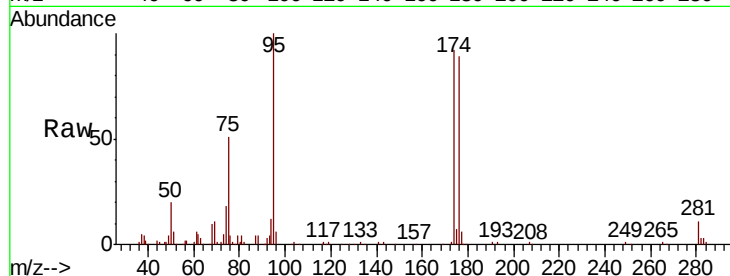
Tot Ion: 95 Resp: 40487

Ion Ratio Lower Upper

95 100

174 95.7 0.0 186.0

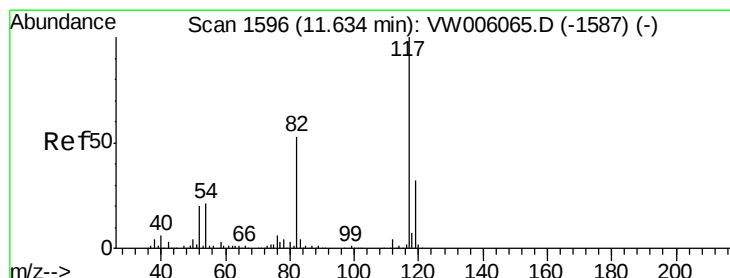
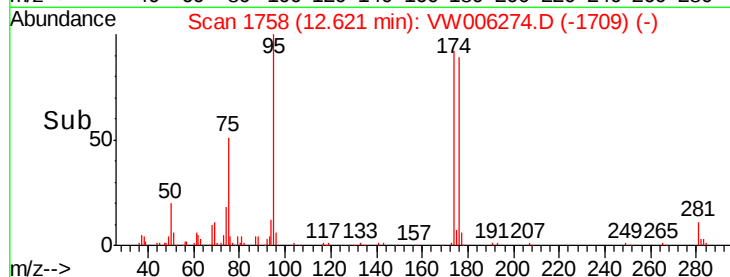
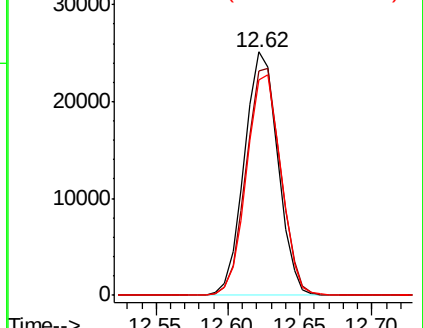
176 92.4 0.0 181.6



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: VW006274.D

Acq: 23 Oct 2018 03:12

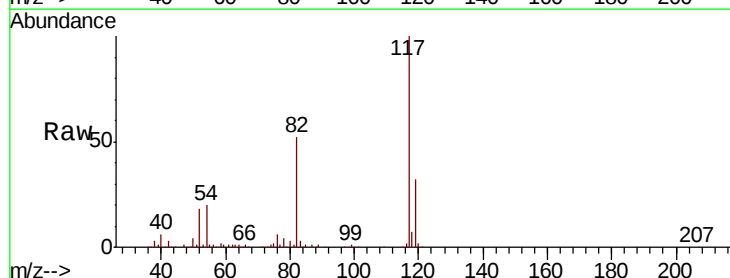
Tgt Ion: 117 Resp: 207297

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

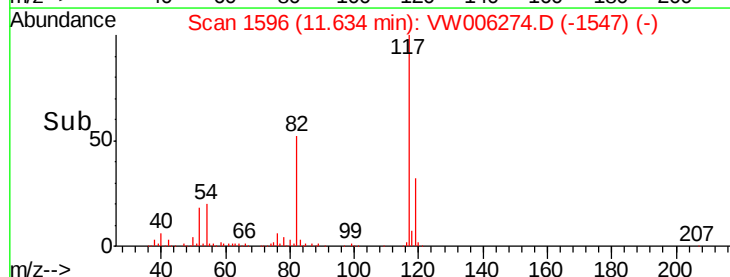
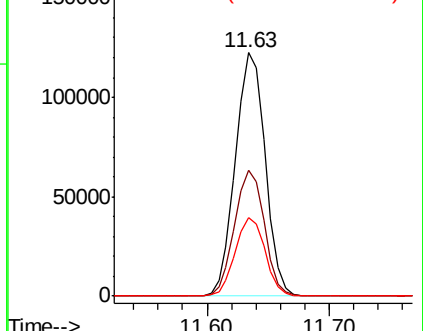
119 32.3 25.8 38.6

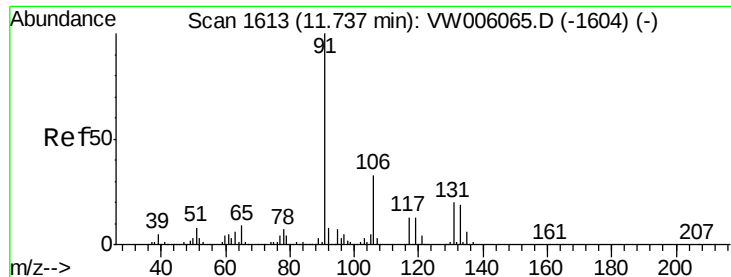


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

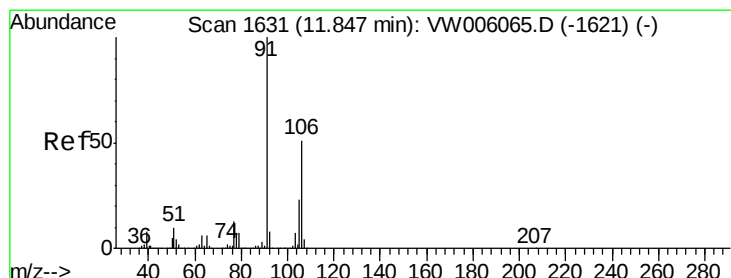
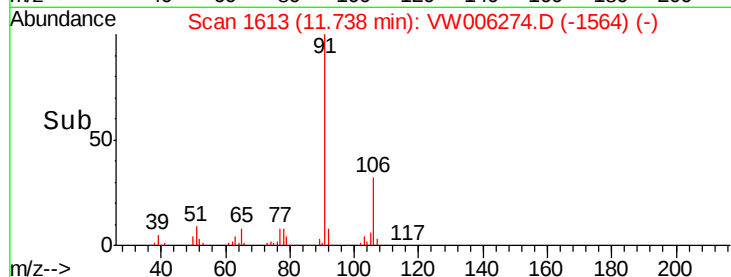
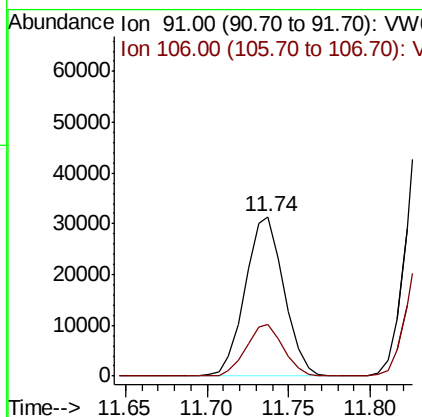
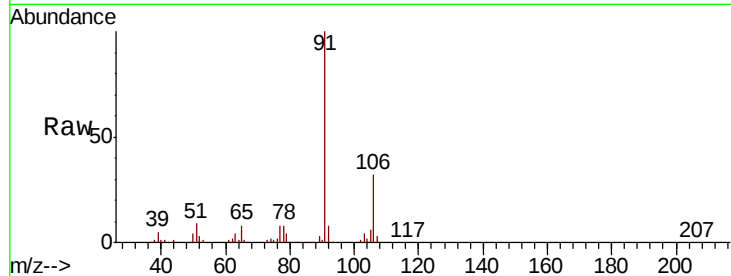




#67
Ethyl Benzene
Concen: 6.746 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

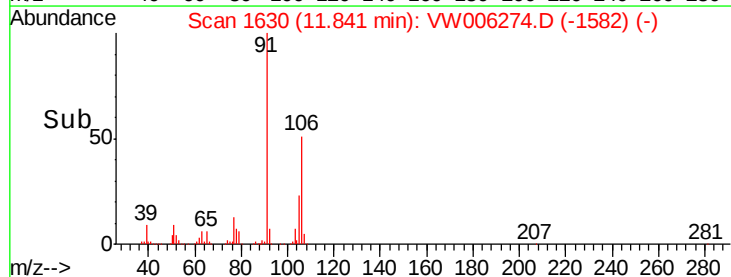
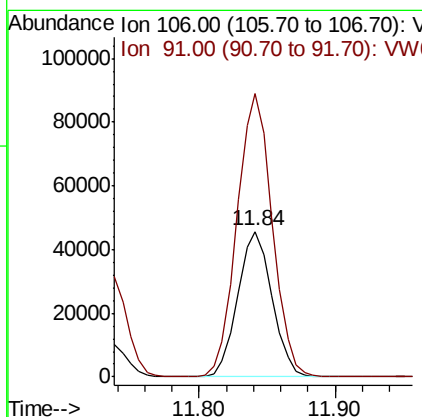
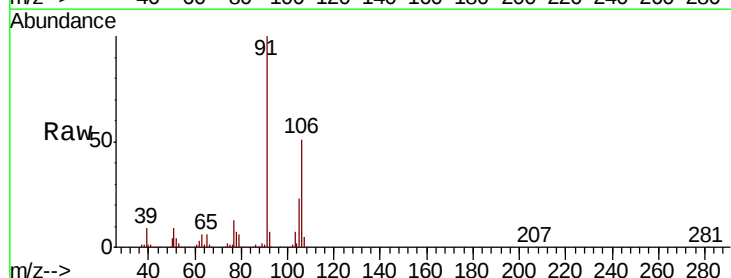
Instrument :
MSVOA_W
ClientSampled :
DW-06

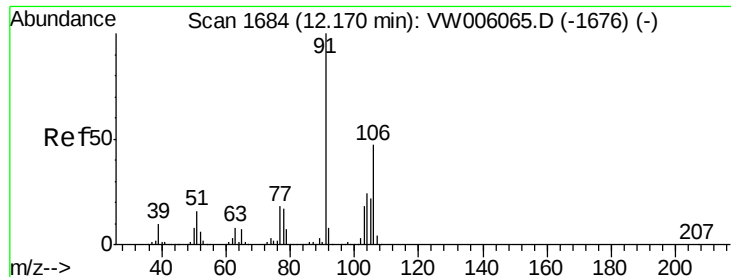
Tot Ion: 91 Resp: 51881
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1



#68
m/p-Xylenes
Concen: 26.472 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

Tgt Ion:106 Resp: 80468
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7

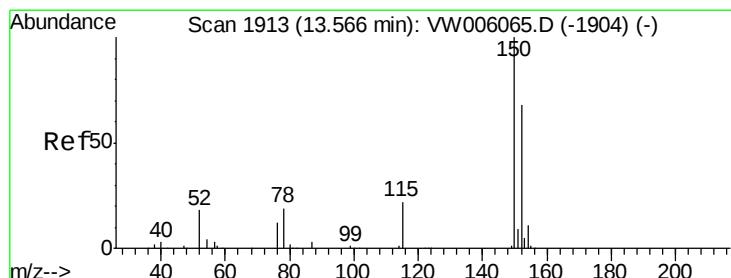
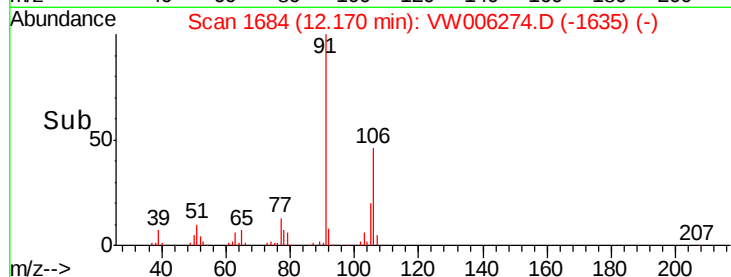
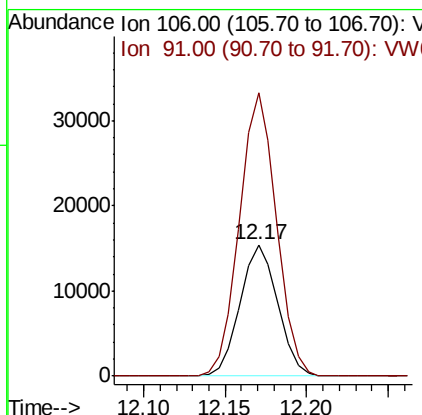
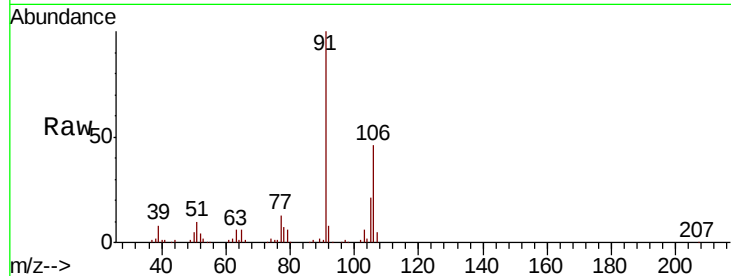




#69
o-Xylene
Concen: 8.568 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

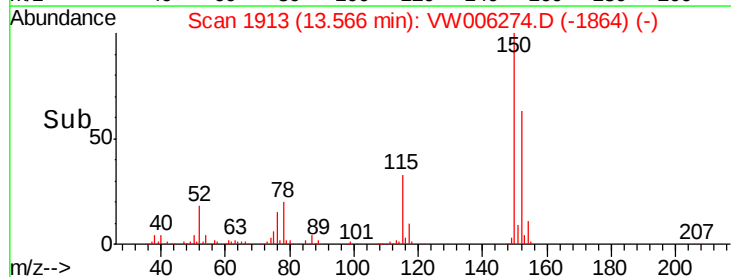
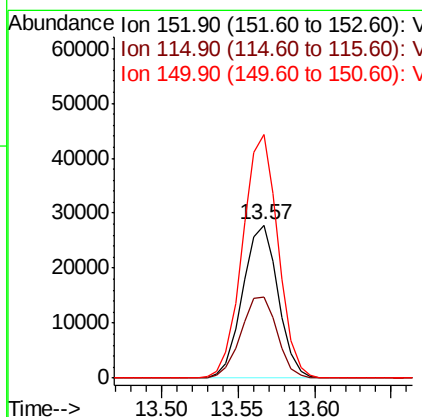
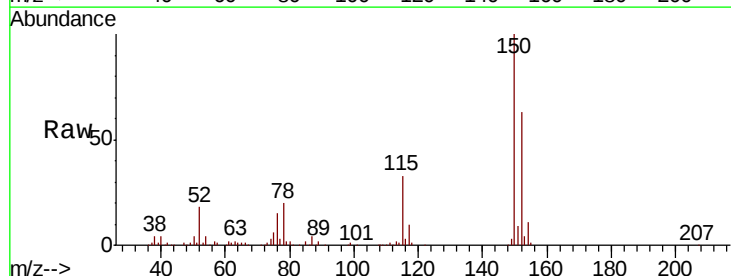
Instrument :
MSVOA_W
ClientSampleID :
DW-06

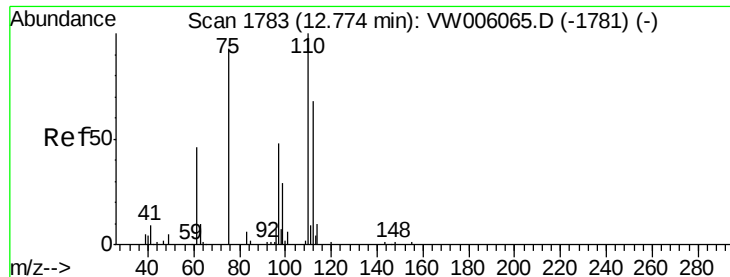
Tot Ion:106 Resp: 24822
Ion Ratio Lower Upper
106 100
91 211.9 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006274.D
Acq: 23 Oct 2018 03:12

Tgt Ion:152 Resp: 44834
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 158.8 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 62.334 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006274.D

Acq: 23 Oct 2018 03:12

Instrument :

MSVOA_W

ClientSampleId :

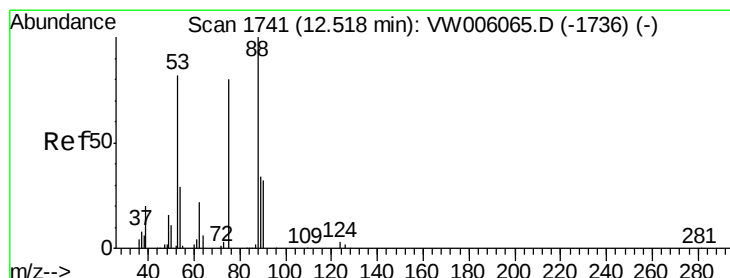
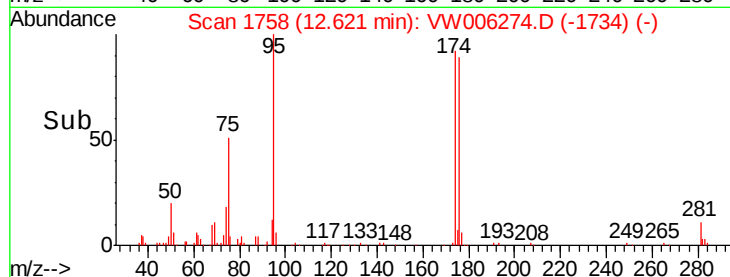
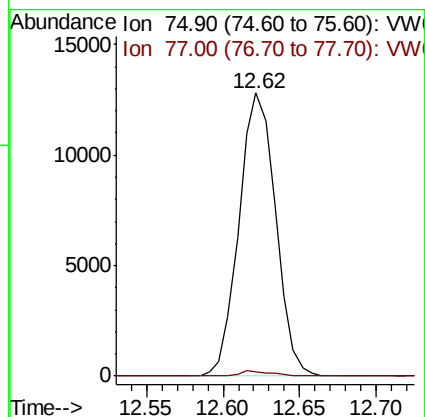
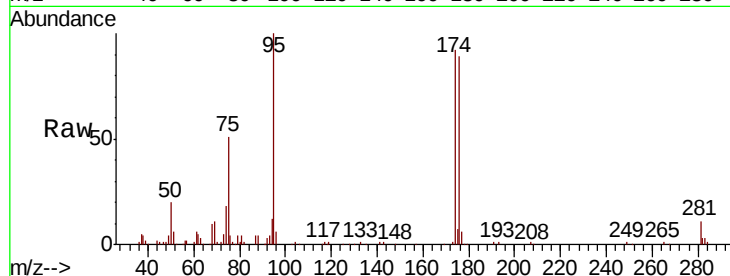
DW-06

Tot Ion: 75 Resp: 21346

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.004 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006274.D

Acq: 23 Oct 2018 03:12

Tgt Ion: 75 Resp: 21346

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

