

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006476.D
 Acq On : 30 Oct 2018 02:44
 Operator : SY/AP
 Sample : J5625-06RE
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03RE

Quant Time: Oct 30 05:41:07 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

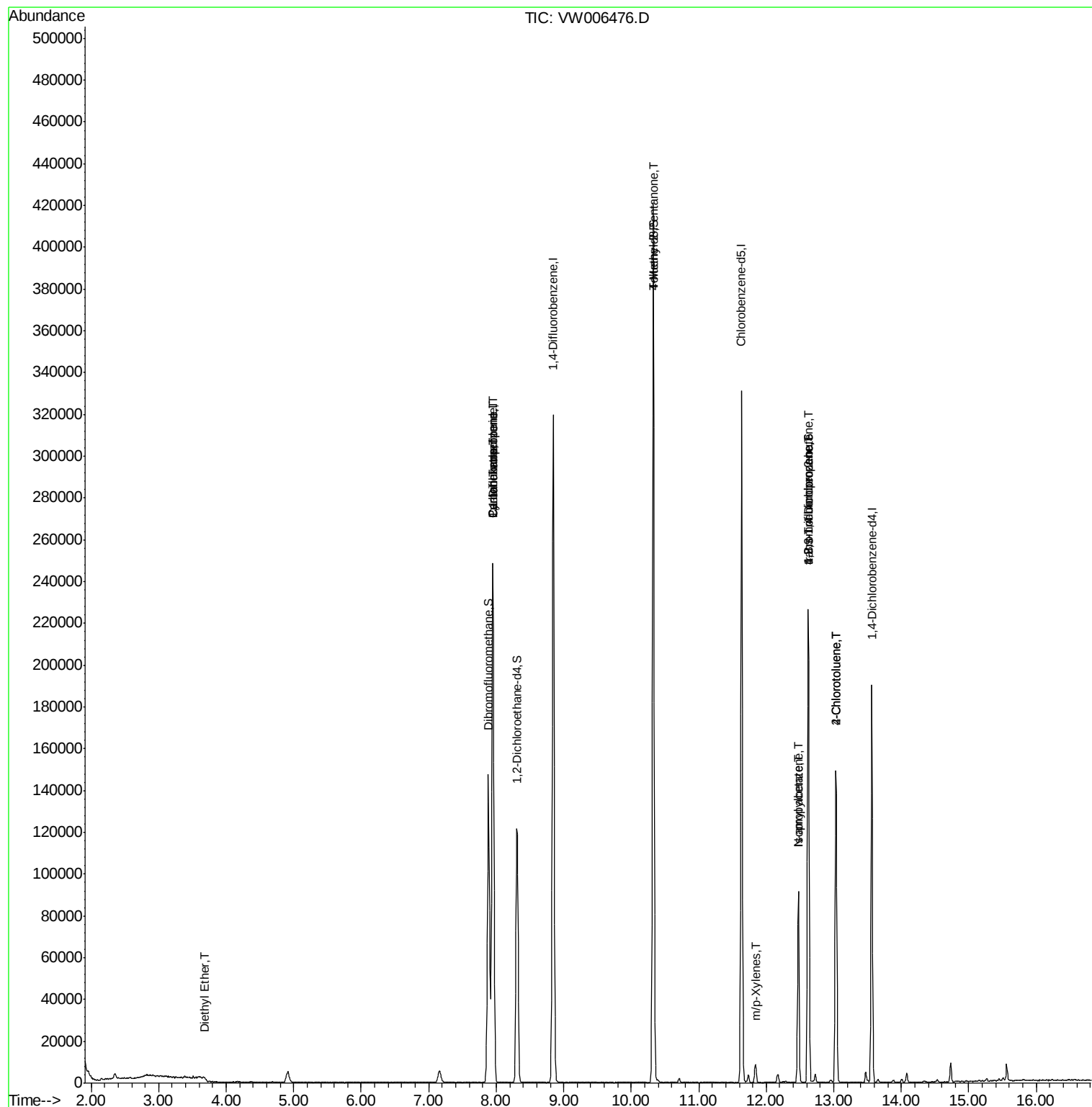
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	286539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	191294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98505	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
35) Dibromofluoromethane	7.88	113	102464	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
50) Toluene-d8	10.33	98	294997	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.62	95	67423	27.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.74%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1083	1.150	ug/l #	53
16) Acetone	4.14	43	369	Below Cal	#	45
31) Cyclohexane	7.95	56	3442	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12998	4.921	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18014	6.222	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1146	1.140	ug/l #	1
68) m/p-Xylenes	11.84	106	2869	1.023	ug/l	99
73) Isopropylbenzene	12.48	105	4170	1.126	ug/l #	65
74) N-amyl acetate	12.48	43	1515	2.107	ug/l #	8
76) 1,2,3-Trichloropropane	12.62	75	33275	83.131	ug/l #	100
79) 2-Chlorotoluene	13.03	91	19467	8.044	ug/l #	39
81) trans-1,4-Dichloro-2-buten	12.62	75	33275	198.716	ug/l #	10
82) 4-Chlorotoluene	13.03	91	19467	7.679	ug/l #	39

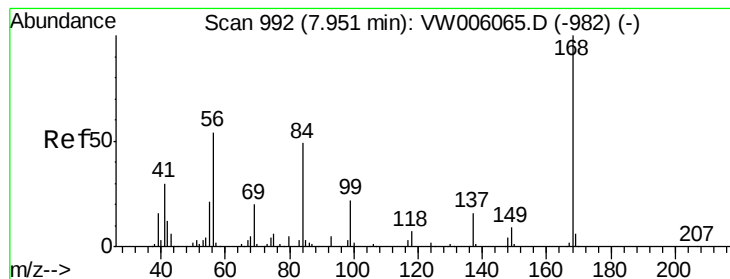
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 05:41:07 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: VW006476.D

Acq: 30 Oct 2018 02:44

Instrument :

MSVOA_W

ClientSampleId :

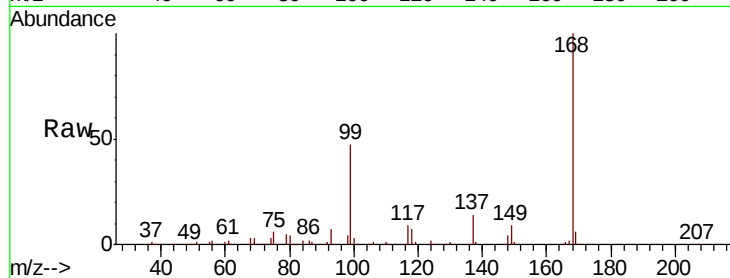
DW-03RE

Tot Ion:168 Resp: 209026

Ion Ratio Lower Upper

168 100

99 46.8 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

80000

60000

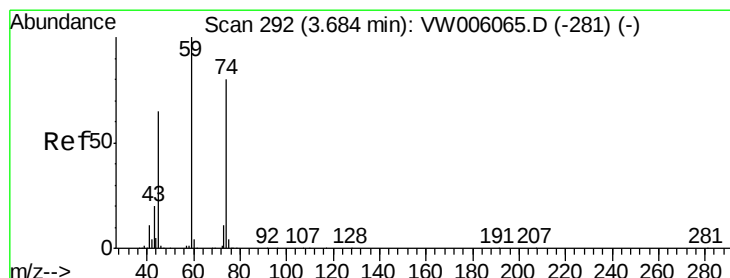
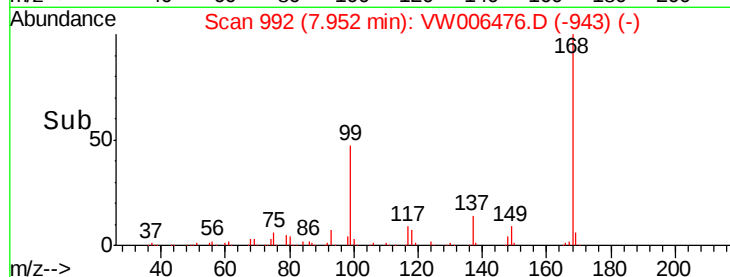
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.150 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006476.D

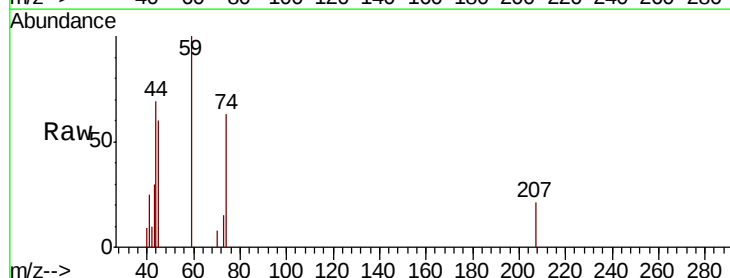
Acq: 30 Oct 2018 02:44

Tgt Ion: 74 Resp: 1083

Ion Ratio Lower Upper

74 100

45 128.8 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

500

400

300

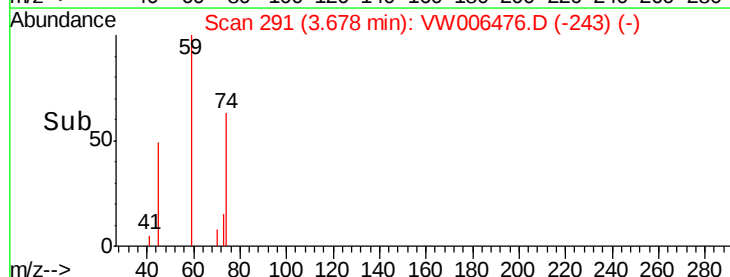
200

100

0

Time-->

3.60 3.65 3.70 3.75





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

Instrument :

MSVOA_W

ClientSampleId :

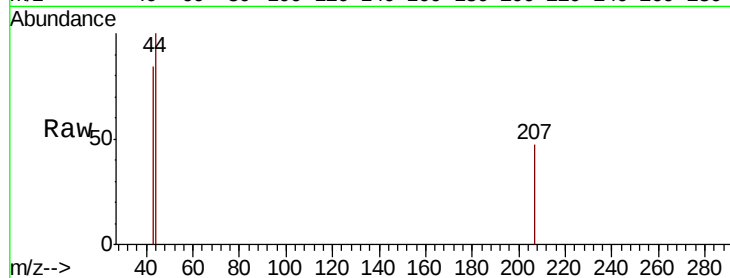
DW-03RE

Tot Ion: 43 Resp: 369

Ion Ratio Lower Upper

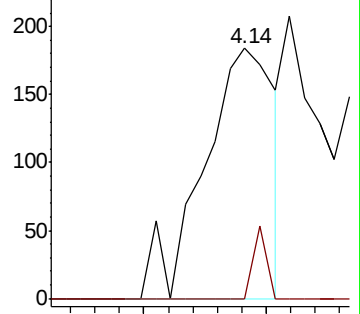
43 100

58 0.0 24.0 36.0#

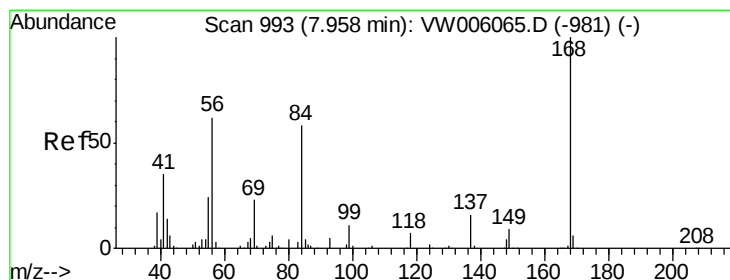
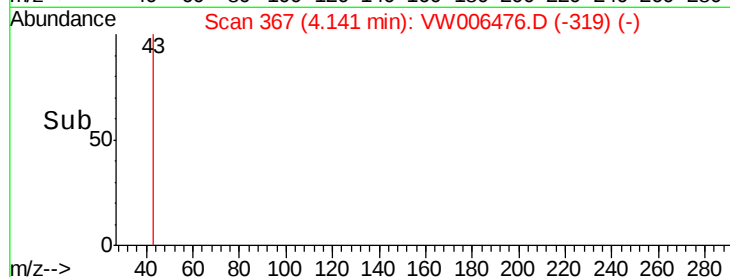


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#31

Cyclohexane

Concen: 1.085 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

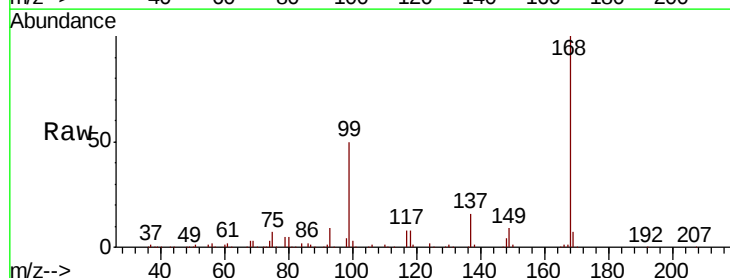
Tgt Ion: 56 Resp: 3442

Ion Ratio Lower Upper

56 100

69 174.3 29.4 44.0#

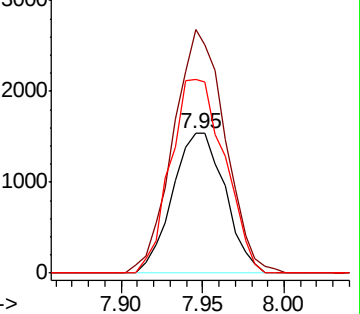
84 138.9 74.0 111.0#



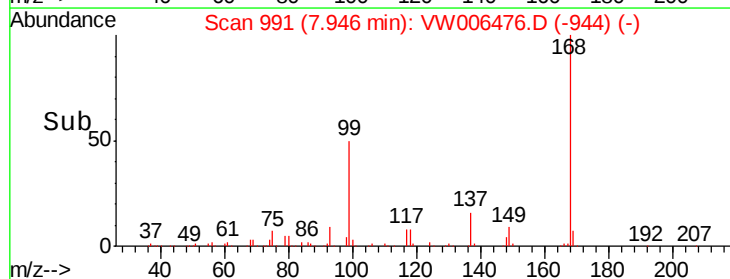
Abundance Ion 56.00 (55.70 to 56.70): VW

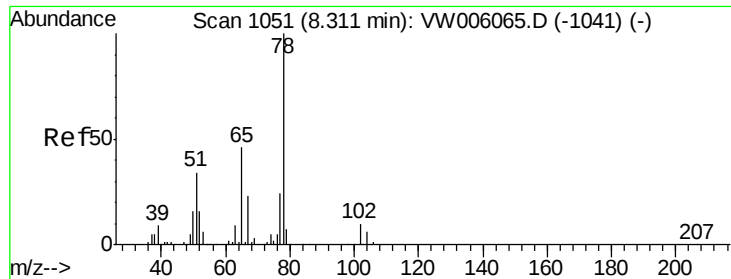
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.843 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

Instrument :

MSVOA_W

ClientSampleId :

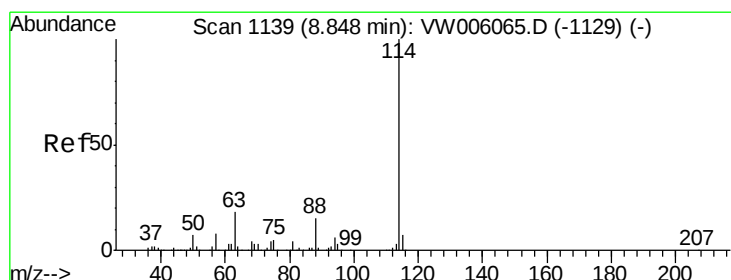
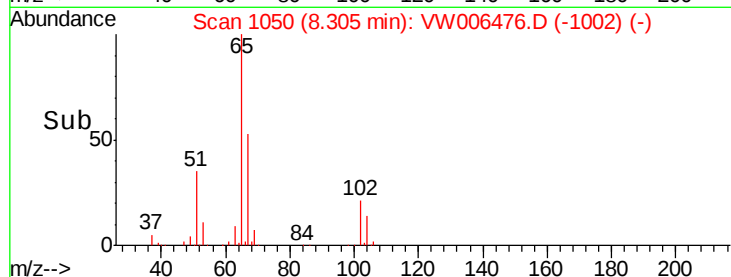
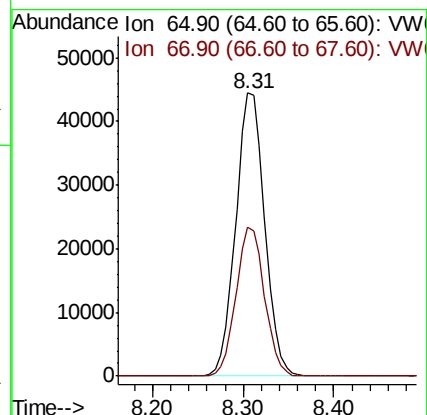
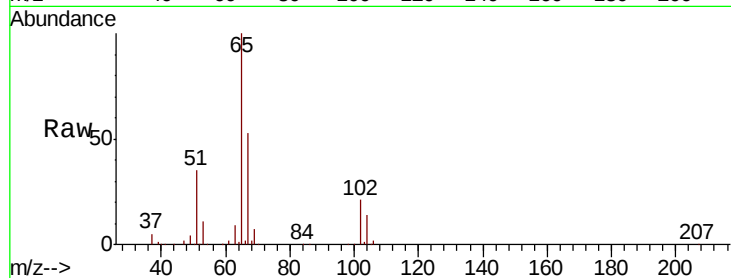
DW-03RE

Tot Ion: 65 Resp: 98505

Ion Ratio Lower Upper

65 100

67 51.8 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: VW006476.D

Acq: 30 Oct 2018 02:44

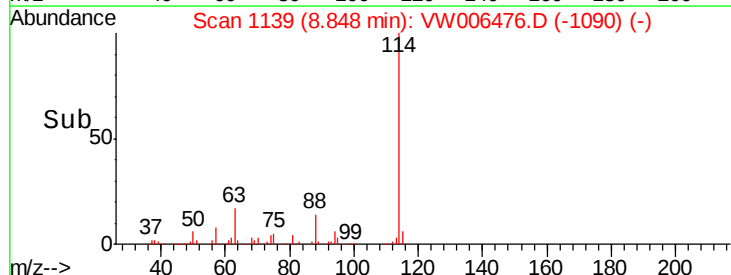
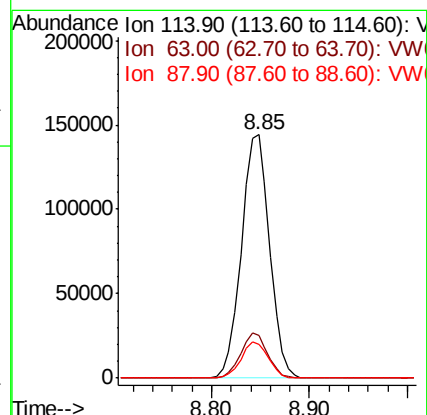
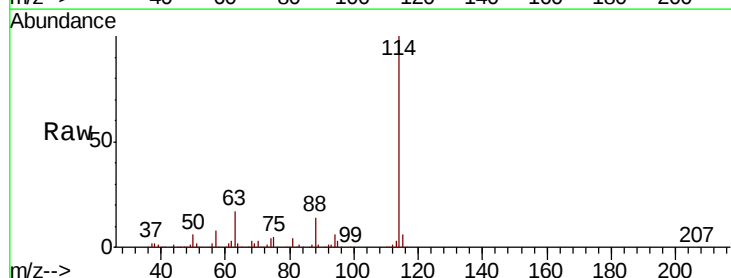
Tgt Ion: 114 Resp: 286539

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.8

88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 60.517 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

Instrument :

MSVOA_W

ClientSampleId :

DW-03RE

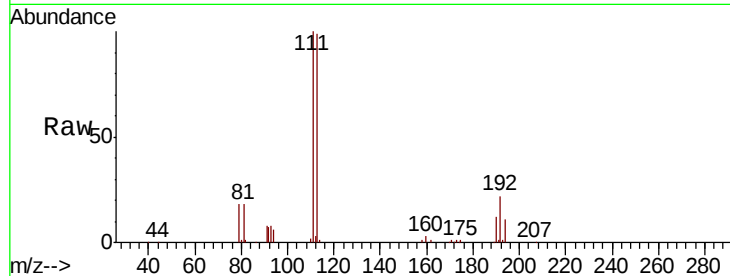
Tot Ion:113 Resp: 102464

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

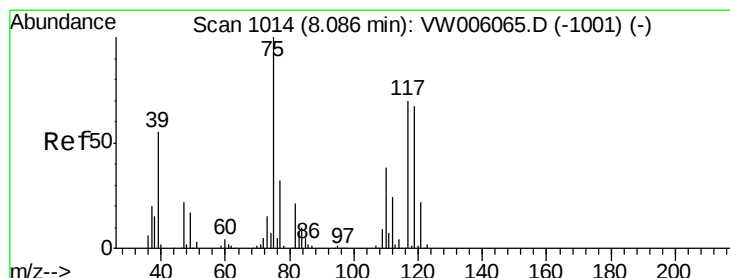
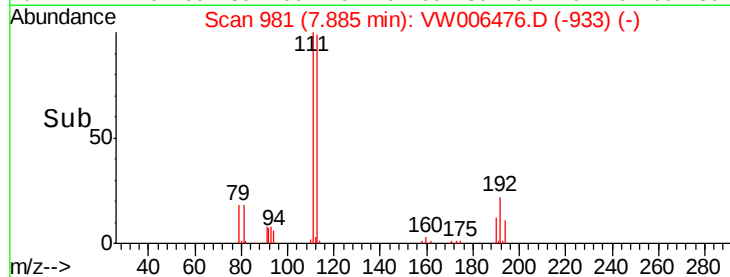
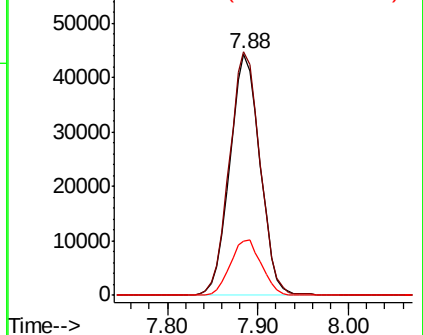
192 23.7 18.7 28.1



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: 4.921 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

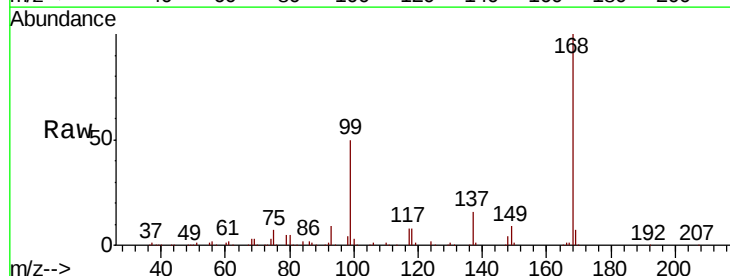
Tgt Ion: 75 Resp: 12998

Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.1#

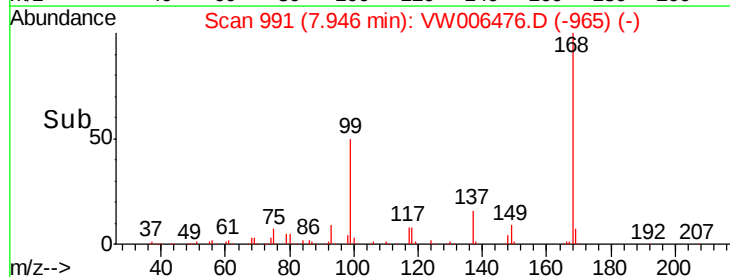
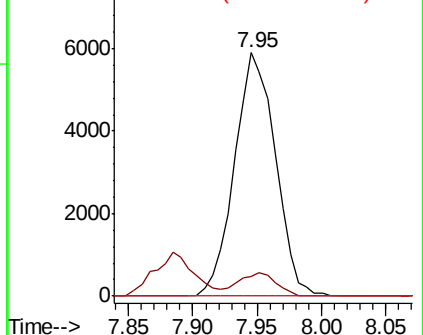
77 0.0 25.0 37.4#

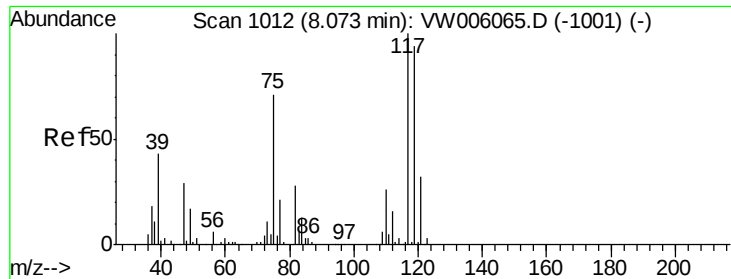


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

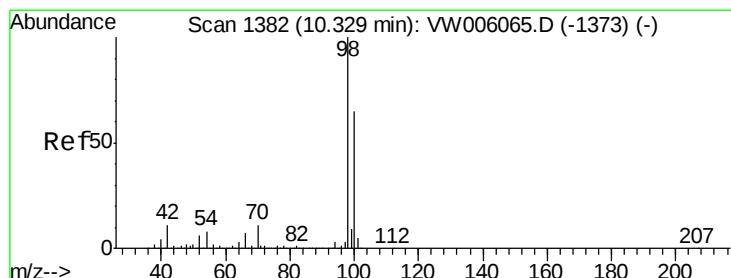
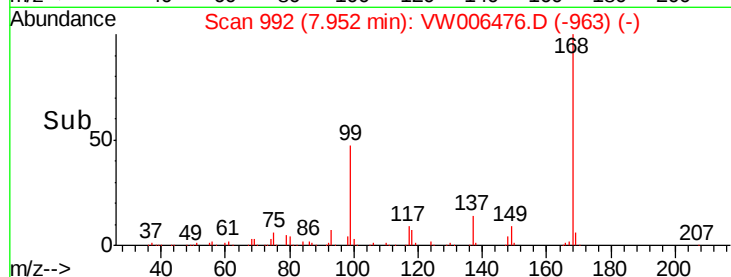
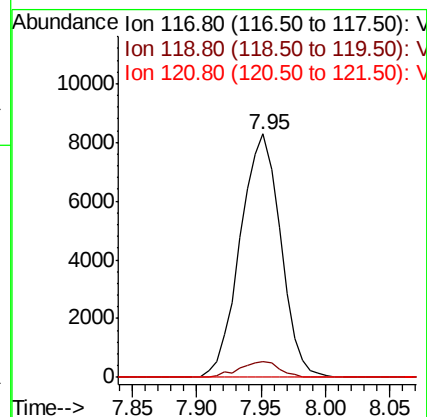
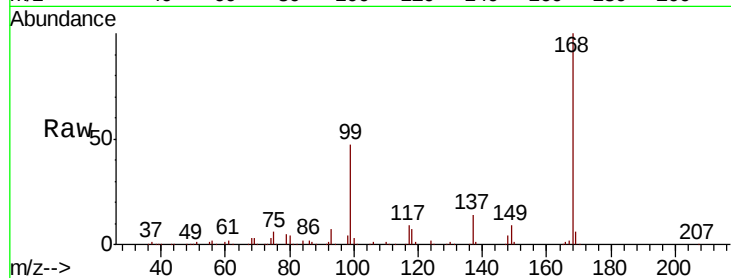




#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

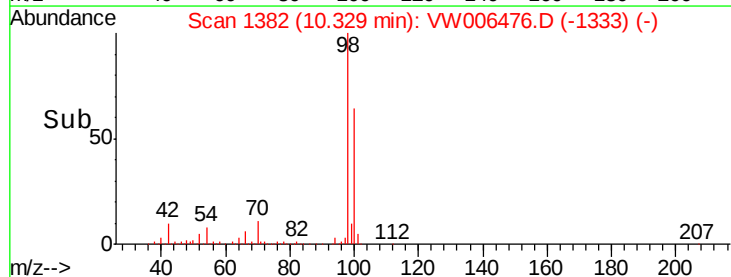
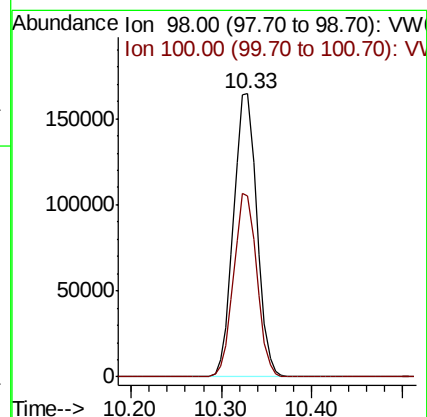
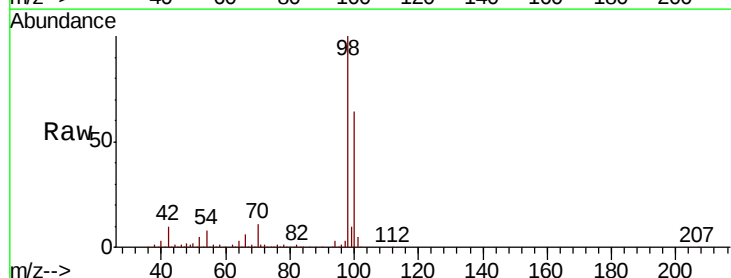
Instrument :
MSVOA_W
ClientSampled :
DW-03RE

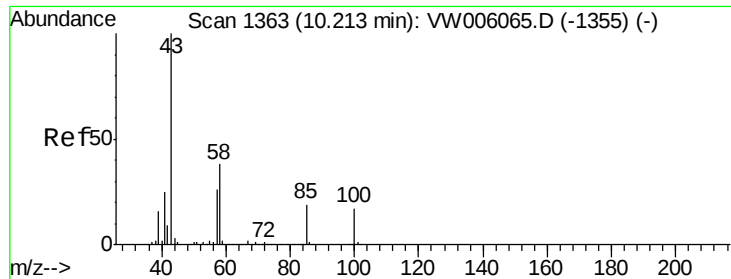
Tot Ion:117 Resp: 18014
Ion Ratio Lower Upper
117 100
119 6.2 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 45.796 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Tgt Ion: 98 Resp: 294997
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.140 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

Instrument :

MSVOA_W

ClientSampled :

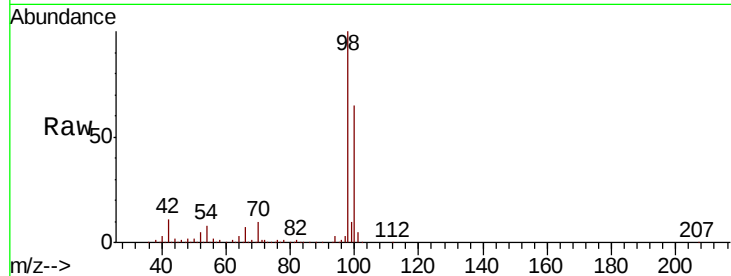
DW-03RE

Tot Ion: 43 Resp: 1146

Ion Ratio Lower Upper

43 100

58 195.6 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

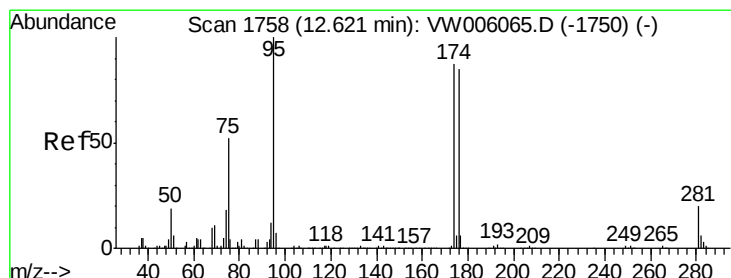
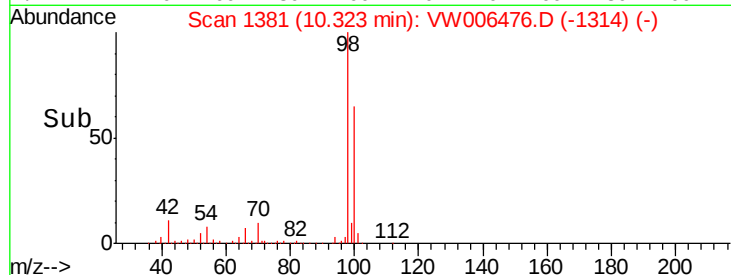
1000

500

0

10.25 10.30 10.35

Time-->



#62

4-Bromofluorobenzene

Concen: 27.868 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

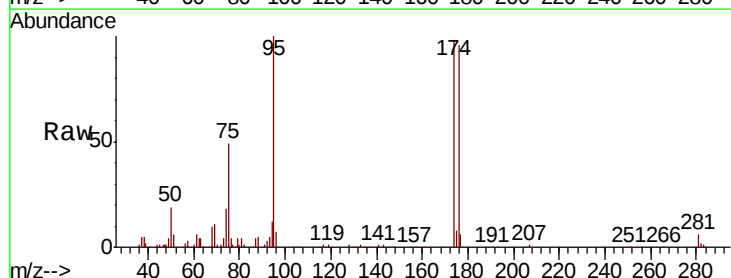
Tgt Ion: 95 Resp: 67423

Ion Ratio Lower Upper

95 100

174 99.2 0.0 186.0

176 97.0 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

30000

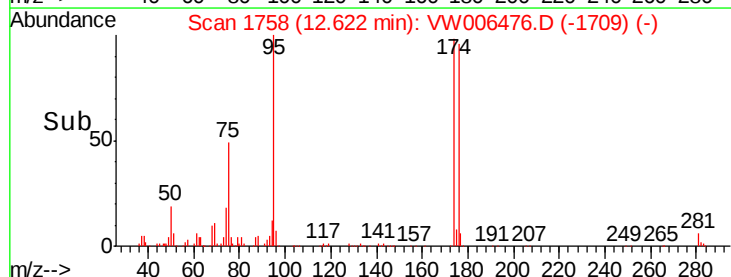
20000

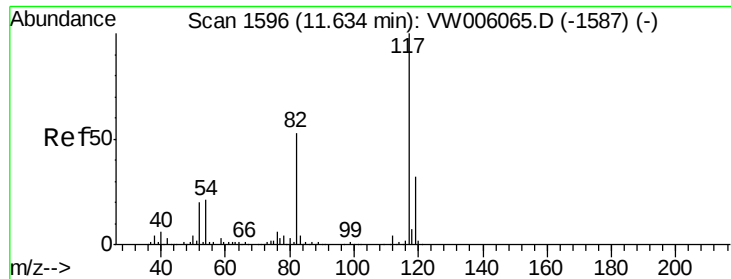
10000

0

12.60 12.70

Time-->

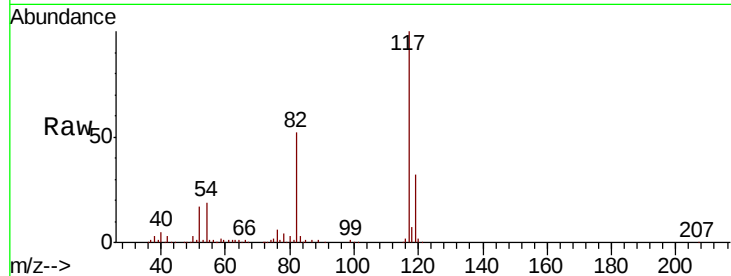




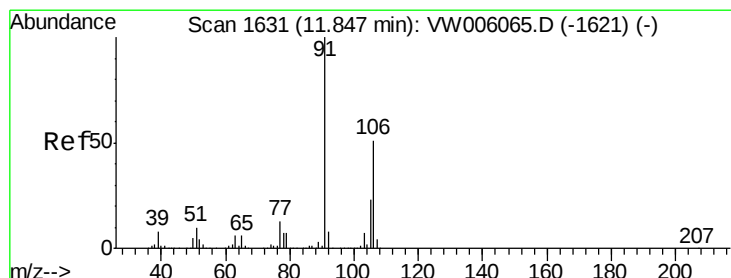
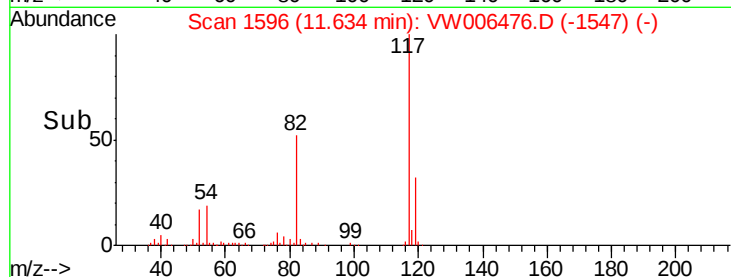
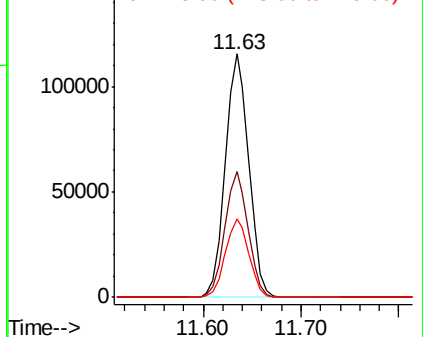
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Instrument :
MSVOA_W
ClientSampleId :
DW-03RE

Tot Ion:117 Resp: 191294
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 32.4 25.8 38.6

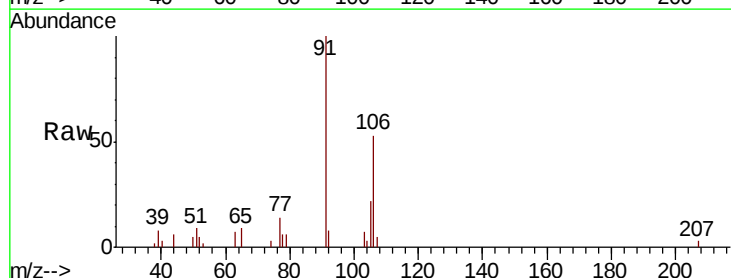


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

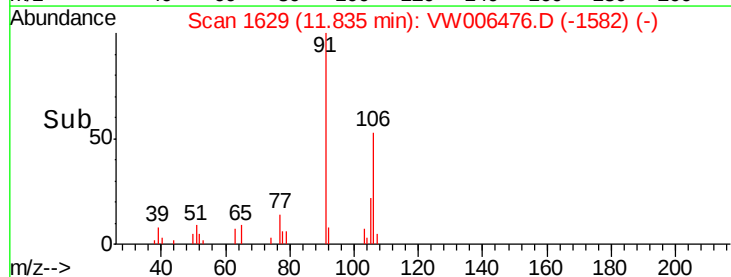
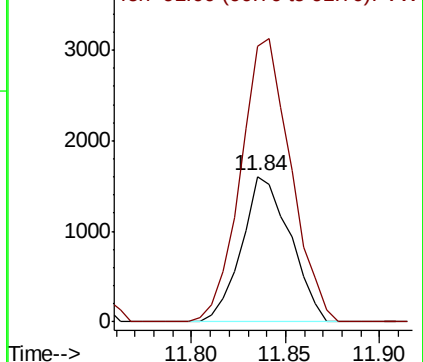


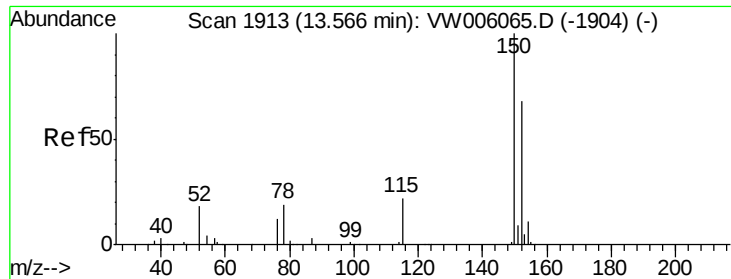
#68
m/p-Xylenes
Concen: 1.023 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Tgt Ion:106 Resp: 2869
Ion Ratio Lower Upper
106 100
91 200.6 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



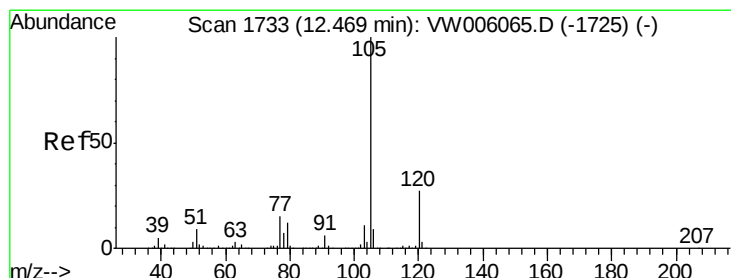
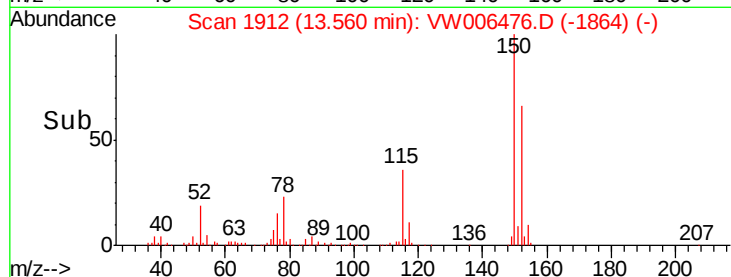
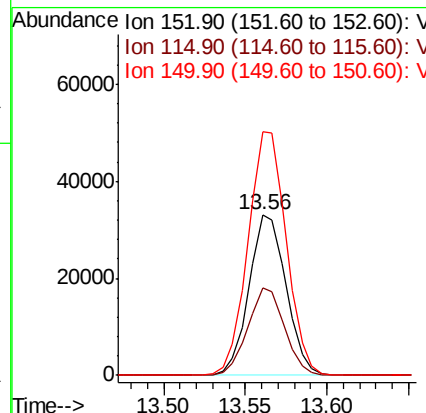
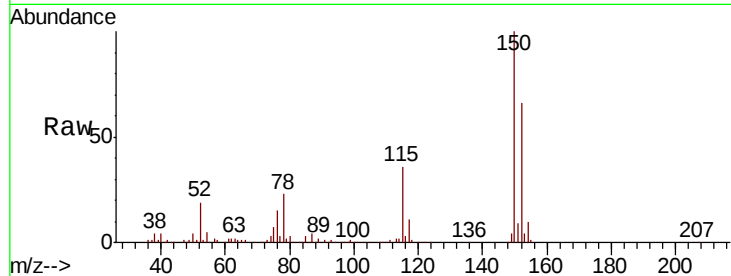


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Instrument :
MSVOA_W
ClientSampleId :
DW-03RE

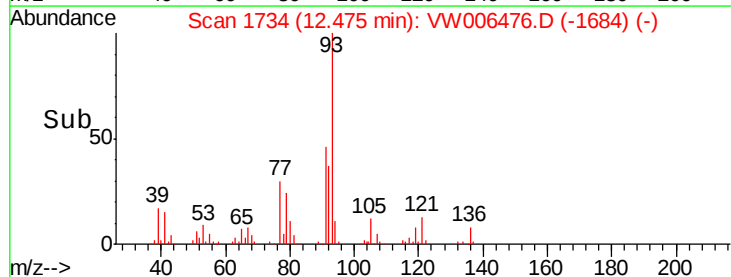
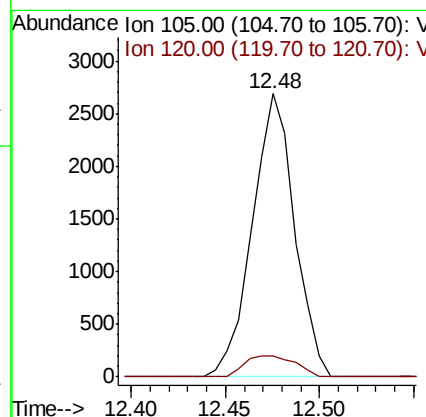
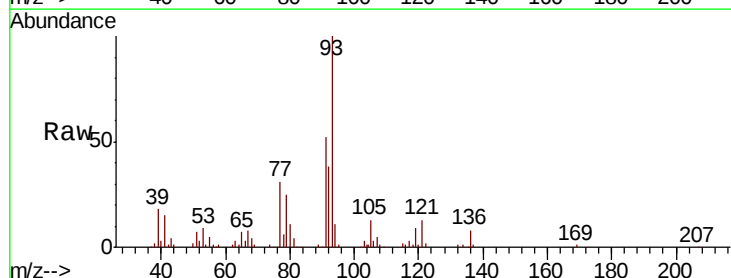
Tot Ion:152 Resp: 52405
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 156.3 0.0 349.2

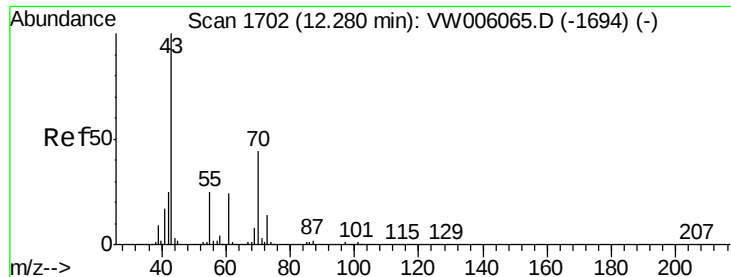


#73

Isopropylbenzene
Concen: 1.126 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Tgt Ion:105 Resp: 4170
Ion Ratio Lower Upper
105 100
120 9.0 13.6 40.7#

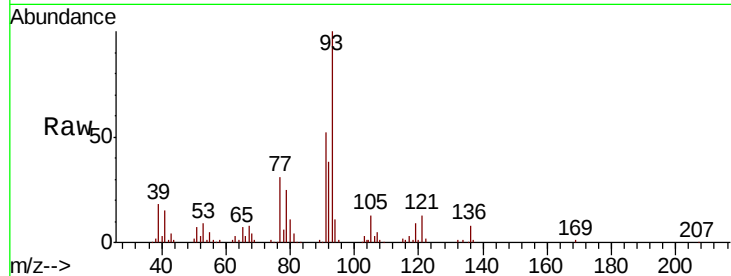




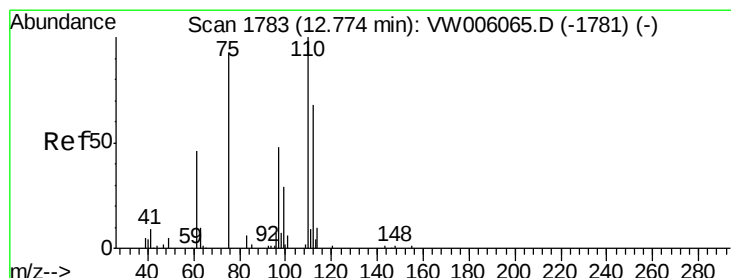
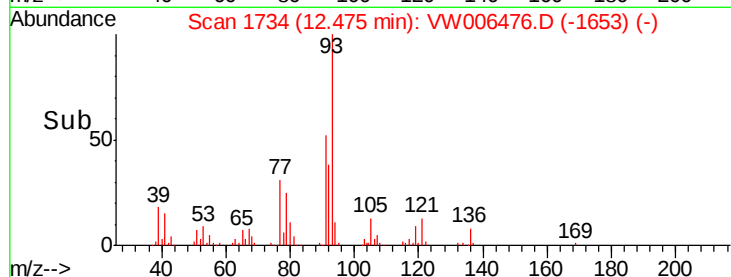
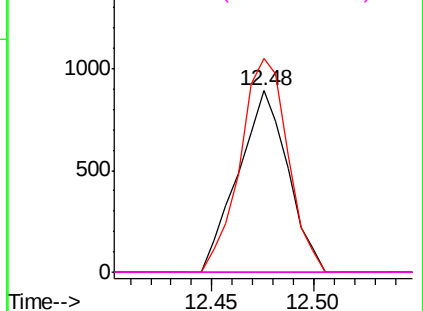
#74
N-amvl acetate
Concen: 2.107 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.20 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Instrument :
MSVOA_W
ClientSampleId :
DW-03RE

Tot Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
70 0.0 34.2 51.4#
55 113.1 19.2 28.8#
61 0.0 19.0 28.6#

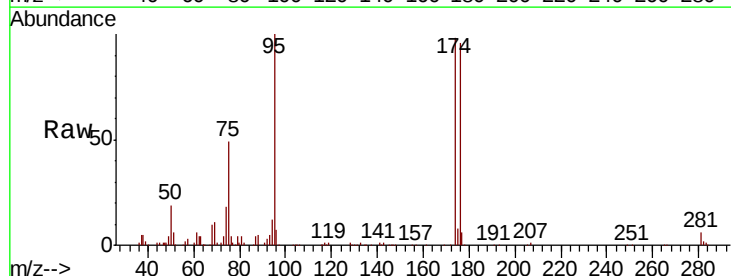


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

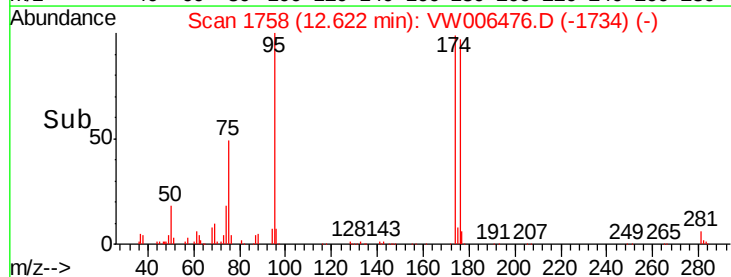
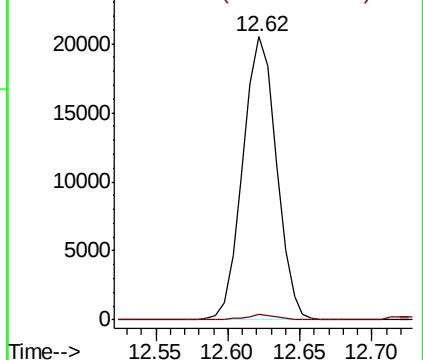


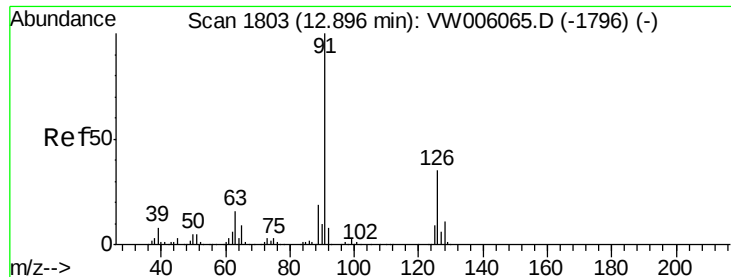
#76
1,2,3-Trichloropropane
Concen: 83.131 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006476.D
Acq: 30 Oct 2018 02:44

Tgt Ion: 75 Resp: 33275
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#79

2-Chlorotoluene

Concen: 8.044 ug/l

RT: 13.03 min Scan# 1825

Delta R.T. 0.13 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

Instrument :

MSVOA_W

ClientSampleId :

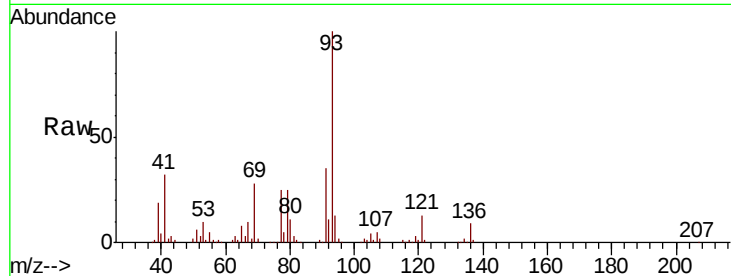
DW-03RE

Tot Ion: 91 Resp: 19467

Ion Ratio Lower Upper

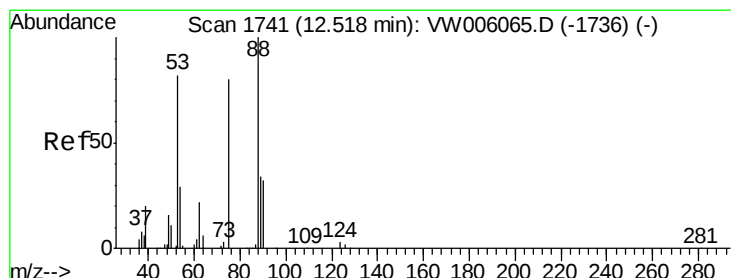
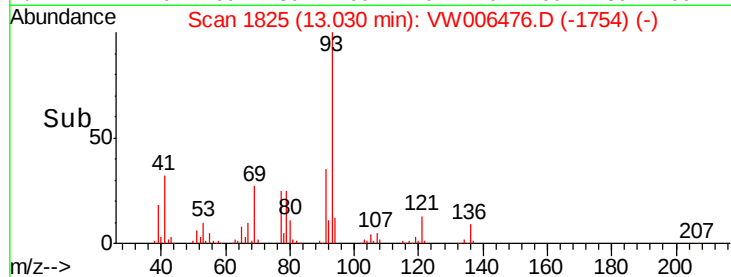
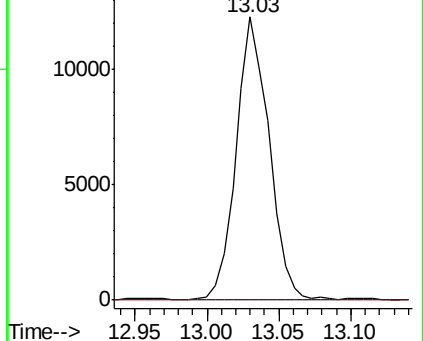
91 100

126 0.0 17.9 53.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 198.716 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006476.D

Acq: 30 Oct 2018 02:44

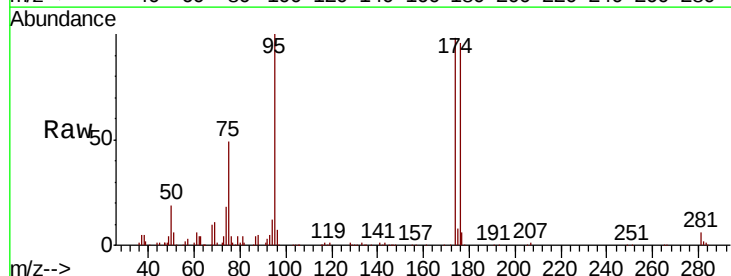
Tgt Ion: 75 Resp: 33275

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

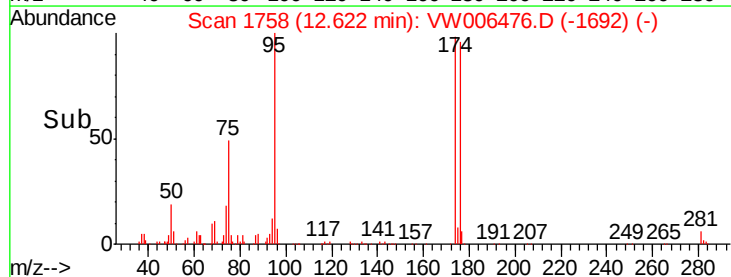
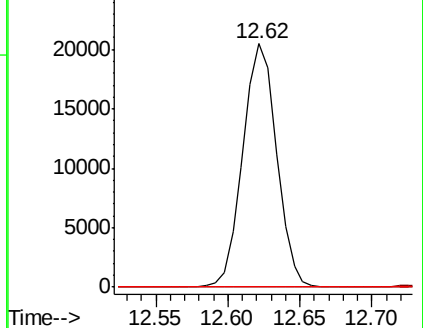
89 0.0 37.5 56.3#

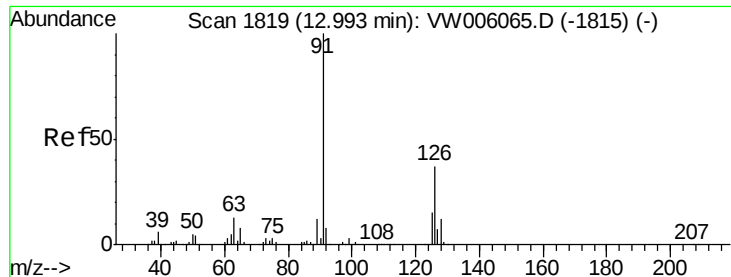


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82
 4-Chlorotoluene
 Concen: 7.679 ug/l
 RT: 13.03 min Scan# 1825
 Delta R.T. 0.04 min
 Lab File: VW006476.D
 Acq: 30 Oct 2018 02:44

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-03RE

Tot Ion: 91 Resp: 19467
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.1 54.3#

