

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006477.D
 Acq On : 30 Oct 2018 03:10
 Operator : SY/AP
 Sample : J5625-08RE
 Misc : 4.57G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-04RE

Quant Time: Oct 30 05:41:18 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

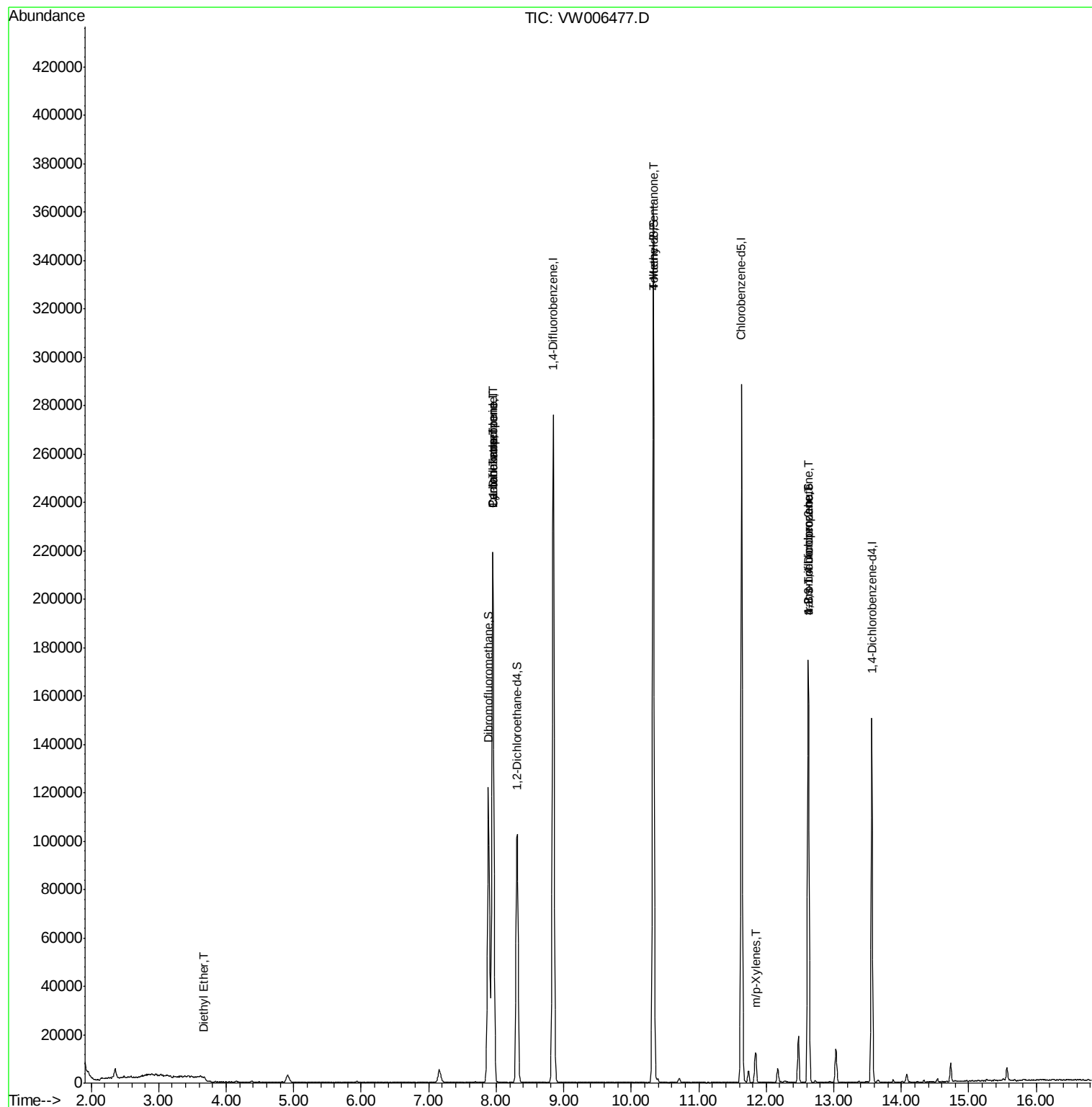
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	252752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81595	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
35) Dibromofluoromethane	7.89	113	85720	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.80%	
50) Toluene-d8	10.33	98	255289	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.62	95	52166	24.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.88%	
Target Compounds						
8) Diethyl Ether	3.67	74	834	1.019	ug/l	54
16) Acetone	4.14	43	354	Below Cal	#	45
31) Cyclohexane	7.95	56	3159	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11396	4.892	ug/l #	49
38) Carbon Tetrachloride	7.95	117	15611	6.113	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	988	1.114	ug/l #	1
68) m/p-Xylenes	11.84	106	4363	1.760	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	26284	82.785	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26284	197.889	ug/l #	10

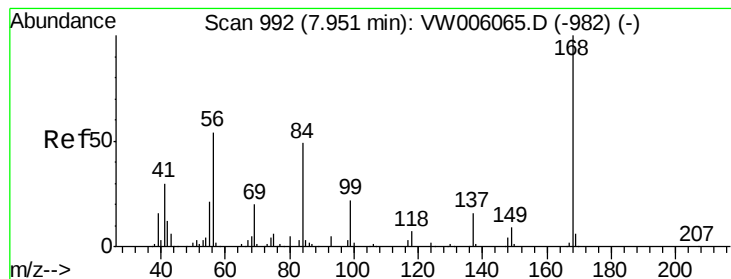
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006477.D

Acq: 30 Oct 2018 03:10

Instrument :

MSVOA_W

ClientSampleId :

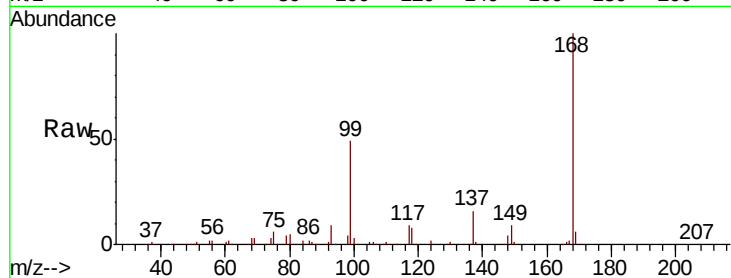
DW-04RE

Tot Ion:168 Resp: 181657

Ion Ratio Lower Upper

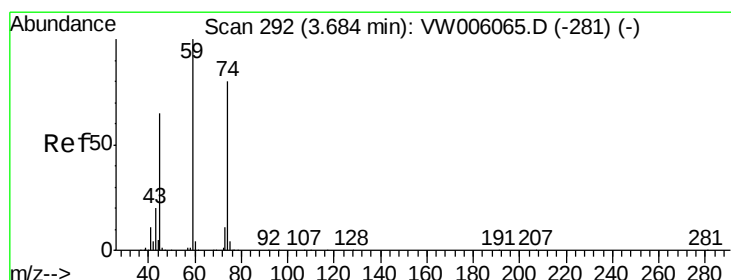
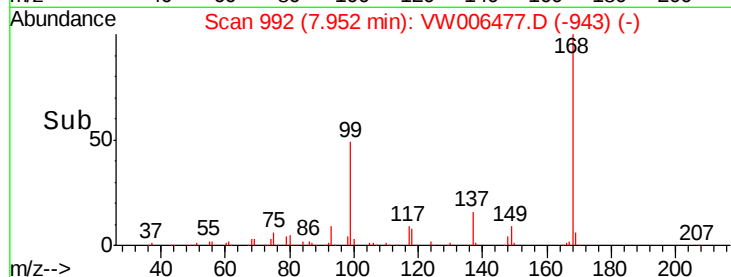
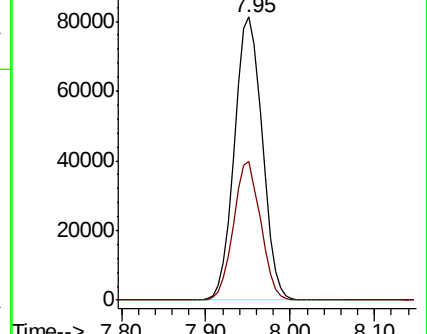
168 100

99 49.1 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: 1.019 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006477.D

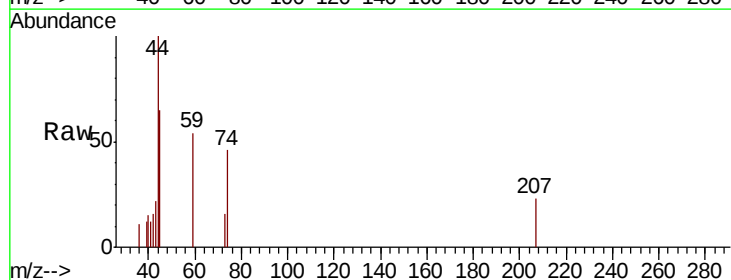
Acq: 30 Oct 2018 03:10

Tgt Ion: 74 Resp: 834

Ion Ratio Lower Upper

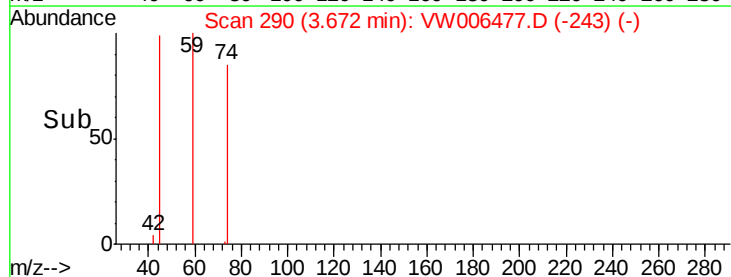
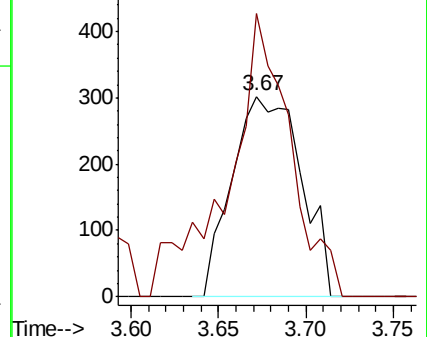
74 100

45 127.2 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

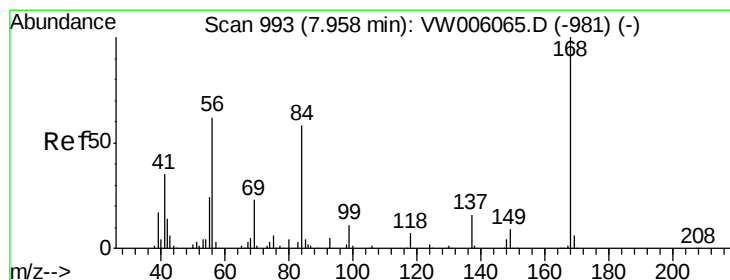
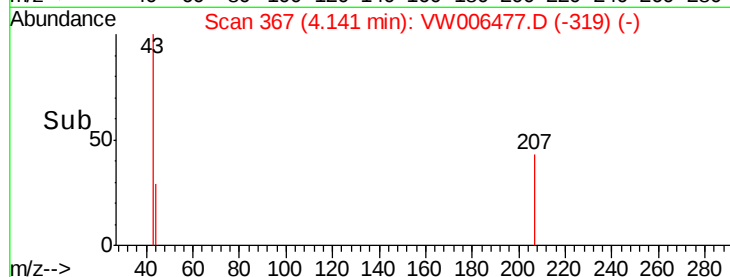
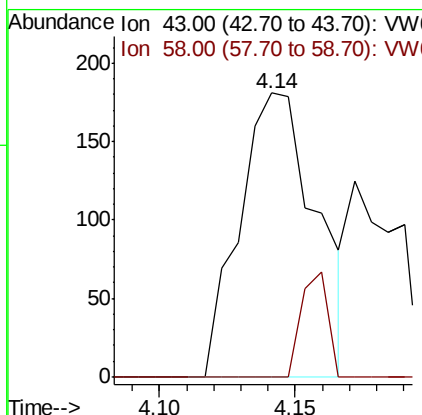
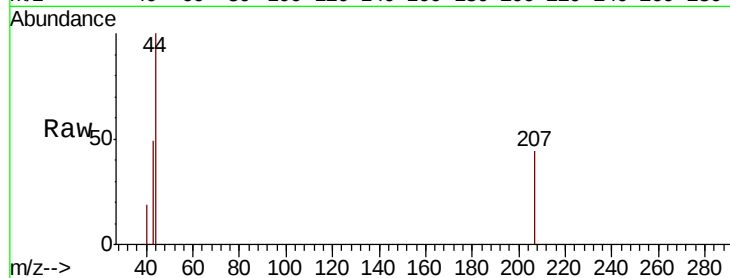




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

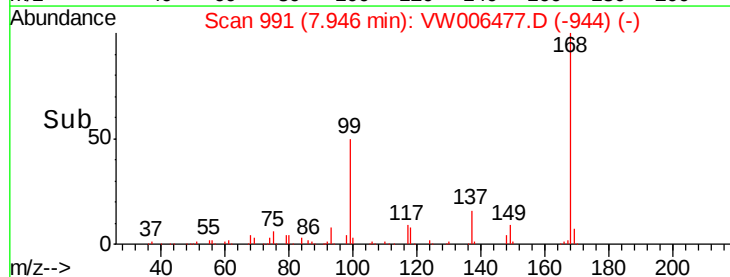
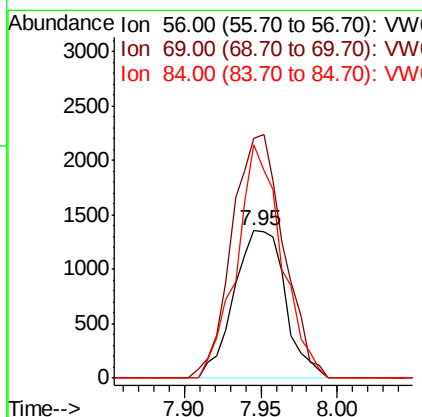
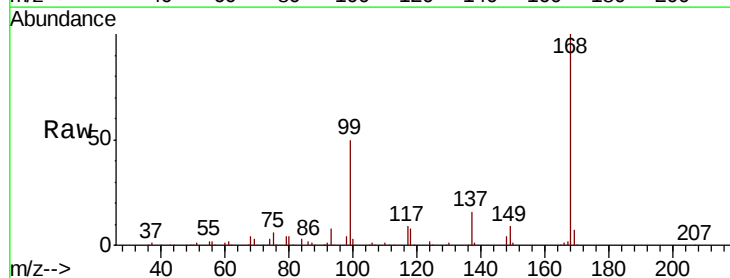
Instrument :
MSVOA_W
ClientSampleId :
DW-04RE

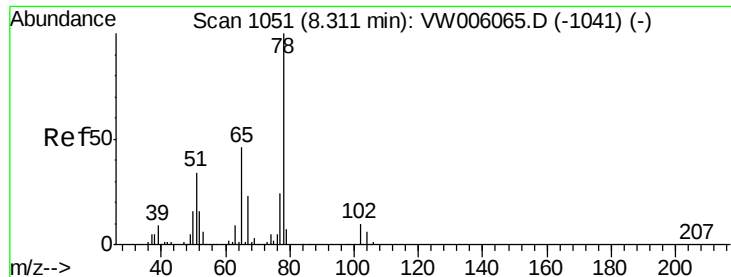
Tot Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 162.3 29.4 44.0#
84 158.2 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 54.179 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006477.D

Acq: 30 Oct 2018 03:10

Instrument :

MSVOA_W

ClientSampleId :

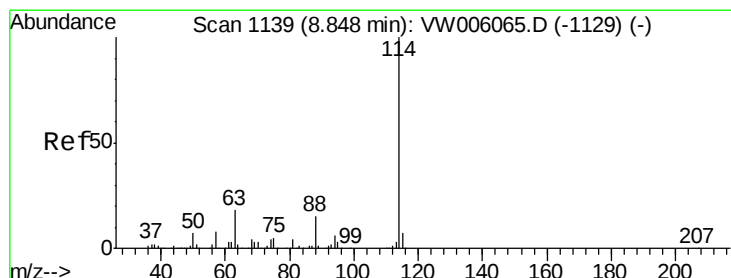
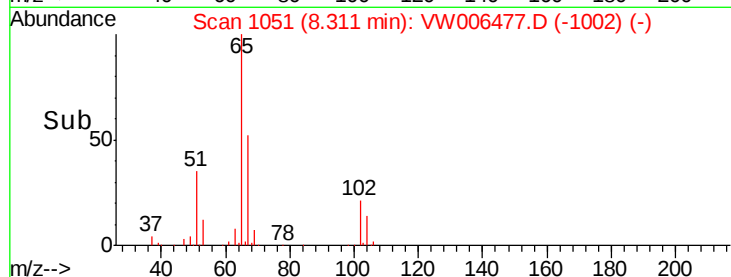
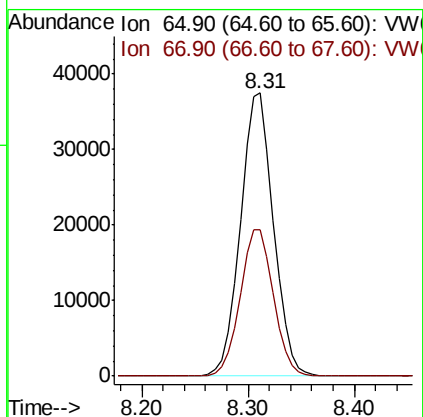
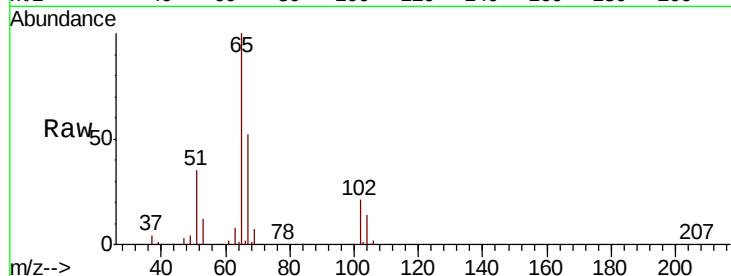
DW-04RE

Tot Ion: 65 Resp: 81595

Ion Ratio Lower Upper

65 100

67 52.2 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: VW006477.D

Acq: 30 Oct 2018 03:10

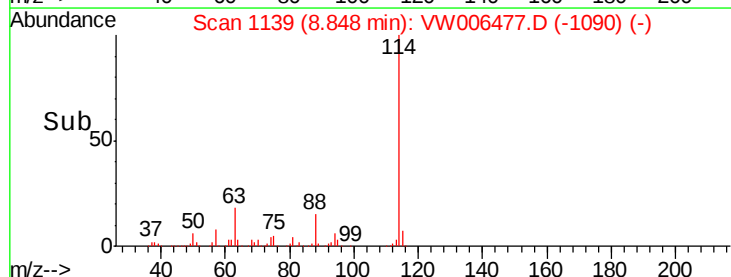
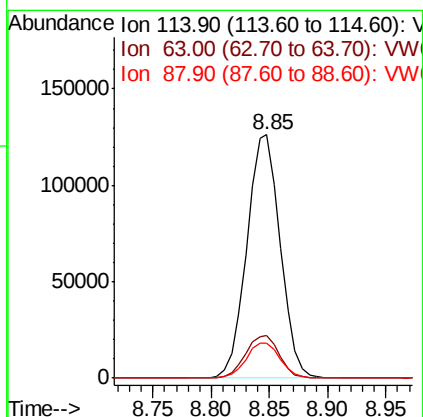
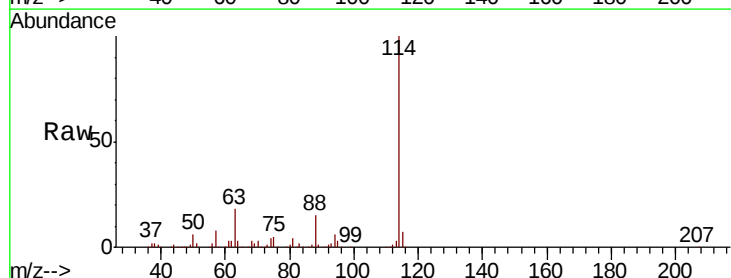
Tgt Ion: 114 Resp: 252752

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 57.395 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006477.D

Acq: 30 Oct 2018 03:10

Instrument :

MSVOA_W

ClientSampleId :

DW-04RE

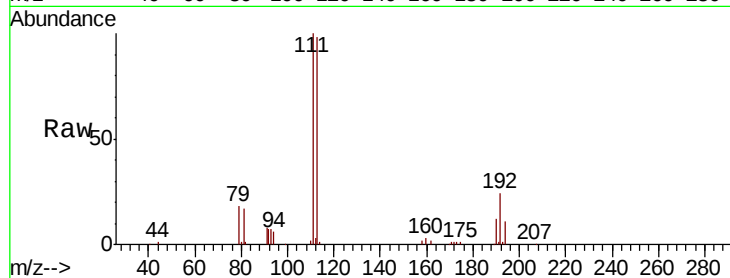
Tot Ion:113 Resp: 85720

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

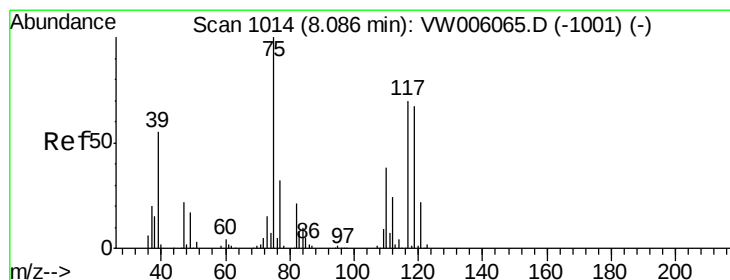
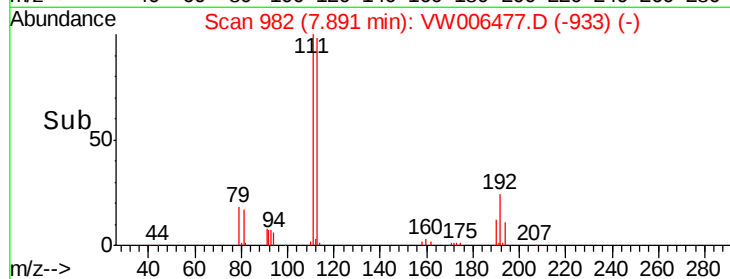
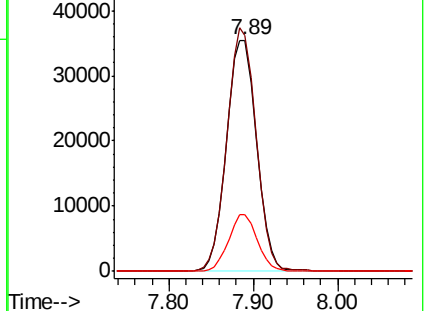
192 23.1 18.7 28.1



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: 4.892 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006477.D

Acq: 30 Oct 2018 03:10

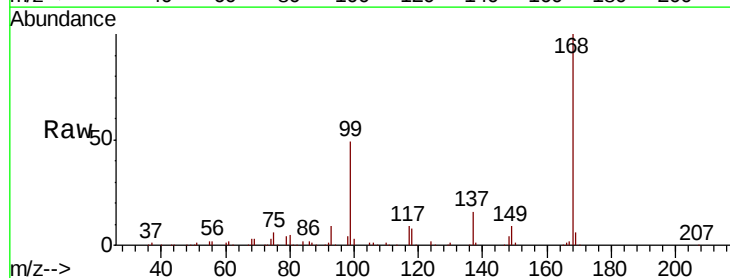
Tgt Ion: 75 Resp: 11396

Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.1#

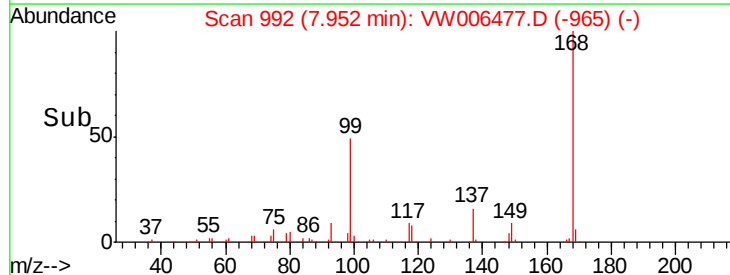
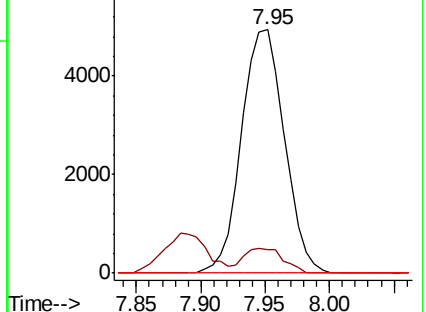
77 0.0 25.0 37.4#

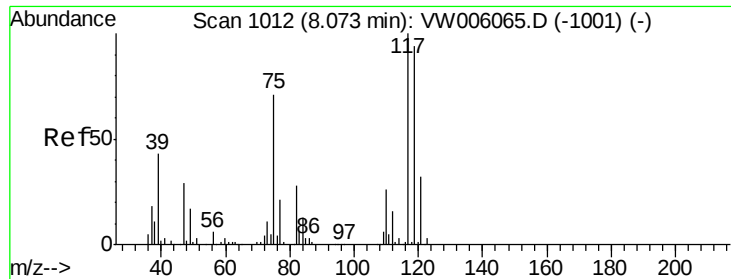


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

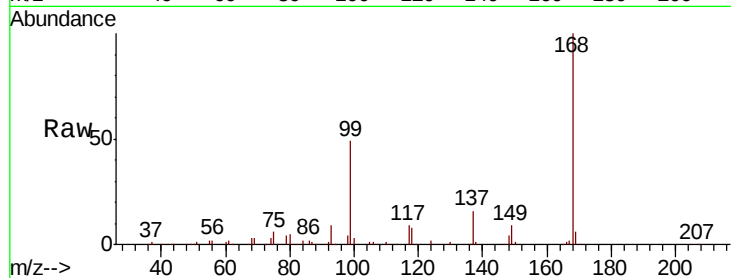




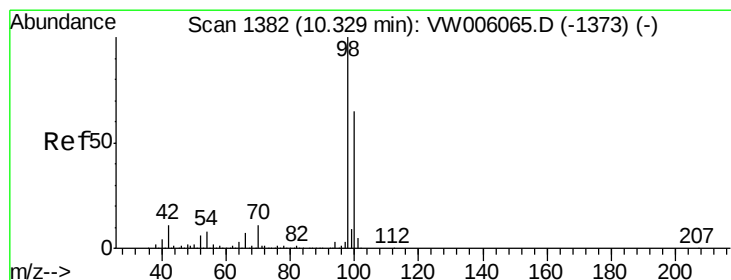
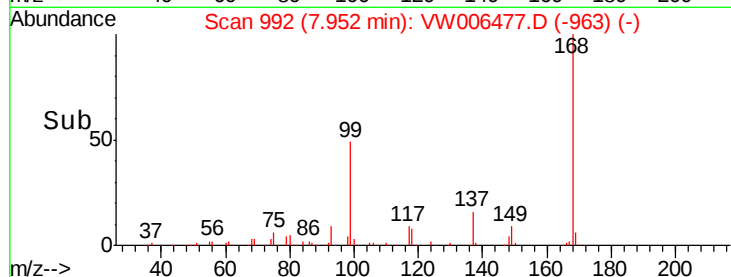
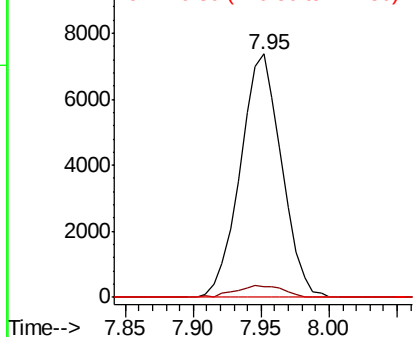
#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Instrument :
MSVOA_W
ClientSampled :
DW-04RE

Tot Ion:117 Resp: 15611
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 25.3 37.9#

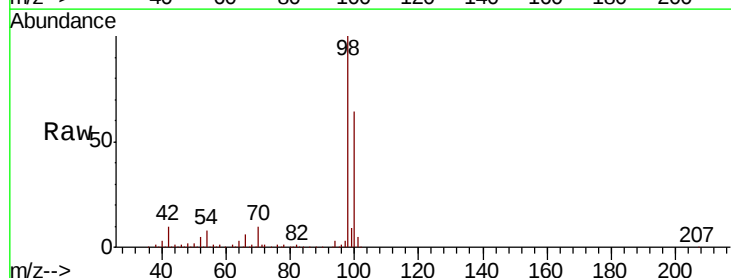


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

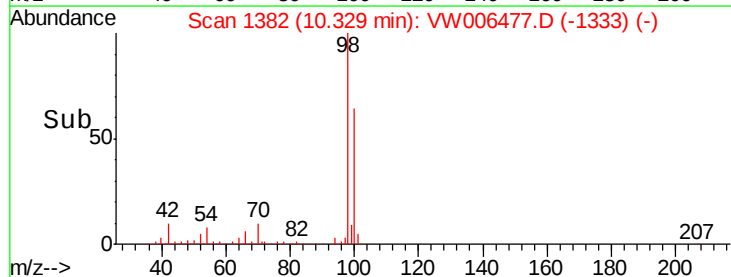
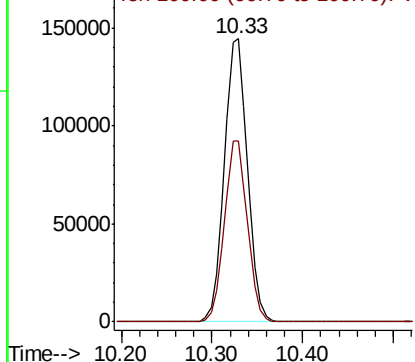


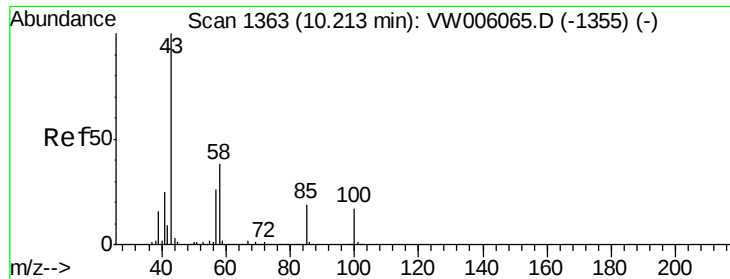
#50
Toluene-d8
Concen: 44.929 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Tgt Ion: 98 Resp: 255289
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.114 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006477.D

Acq: 30 Oct 2018 03:10

Instrument :

MSVOA_W

ClientSampleId :

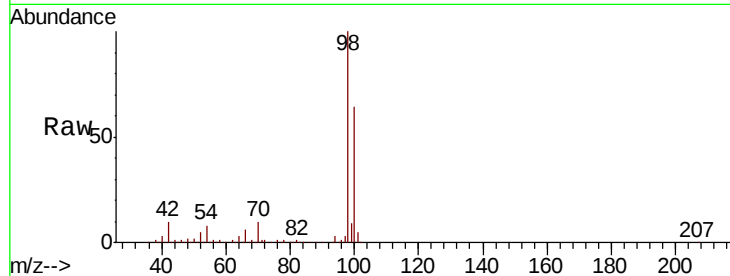
DW-04RE

Tot Ion: 43 Resp: 988

Ion Ratio Lower Upper

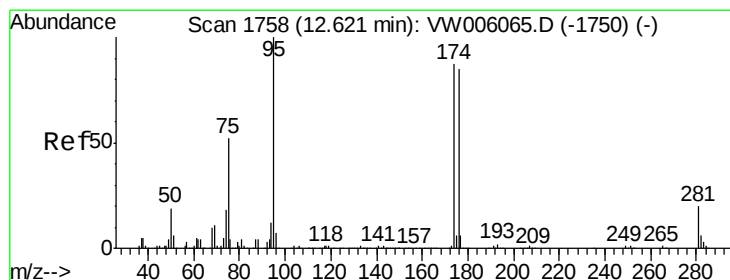
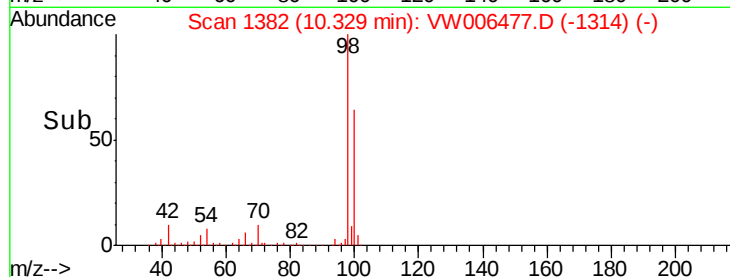
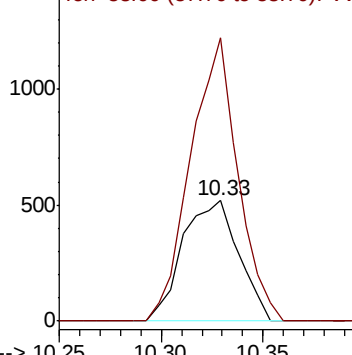
43 100

58 199.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 24.444 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006477.D

Acq: 30 Oct 2018 03:10

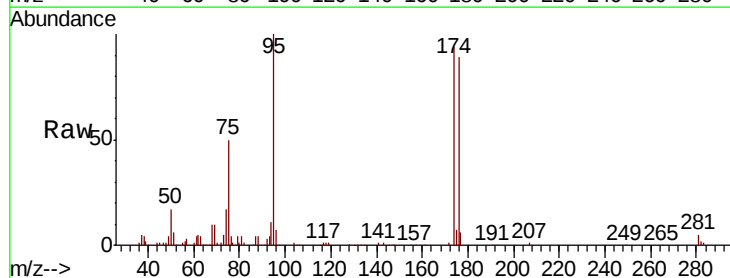
Tgt Ion: 95 Resp: 52166

Ion Ratio Lower Upper

95 100

174 98.3 0.0 186.0

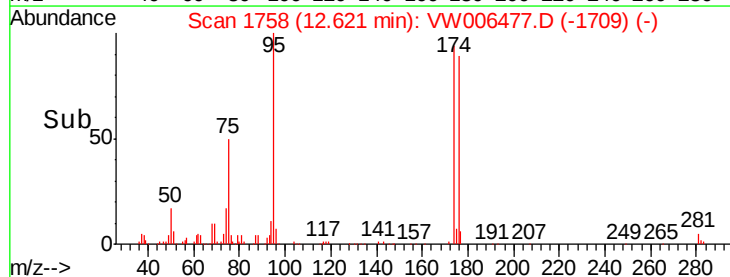
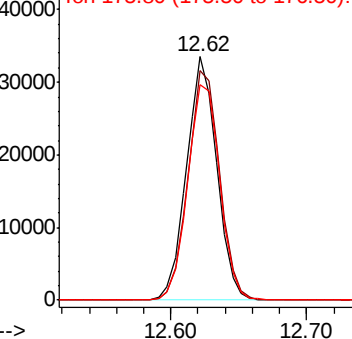
176 94.3 0.0 181.6

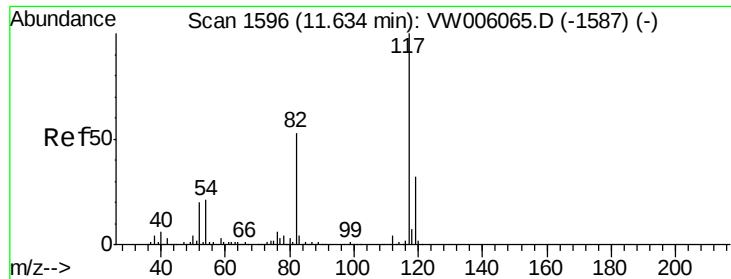


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

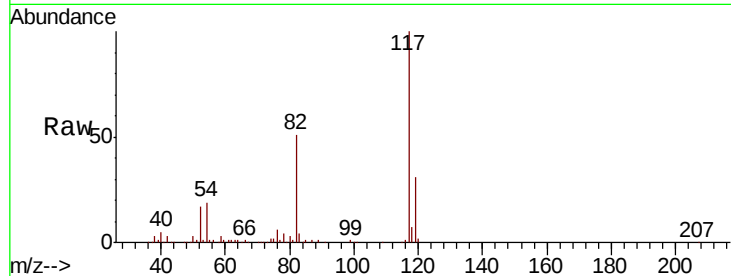




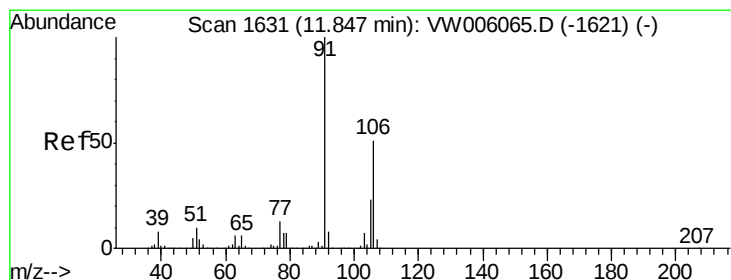
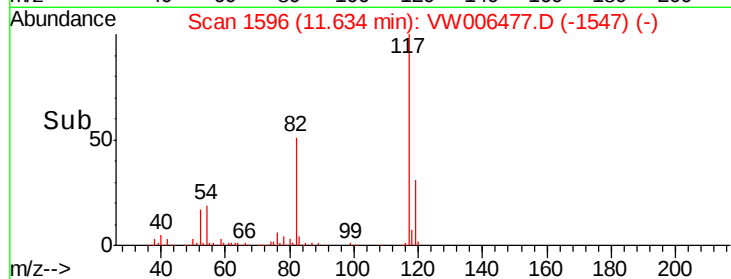
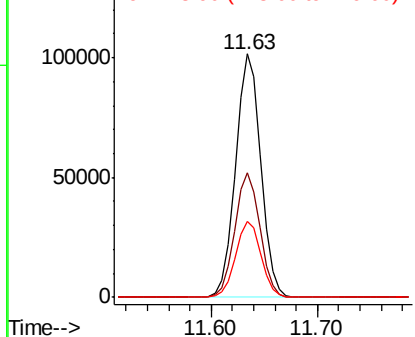
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Instrument :
MSVOA_W
ClientSampleId :
DW-04RE

Tot Ion:117 Resp: 169071
Ion Ratio Lower Upper
117 100
82 51.0 42.1 63.1
119 31.0 25.8 38.6

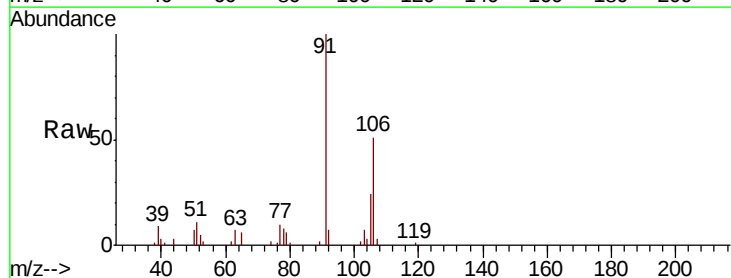


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

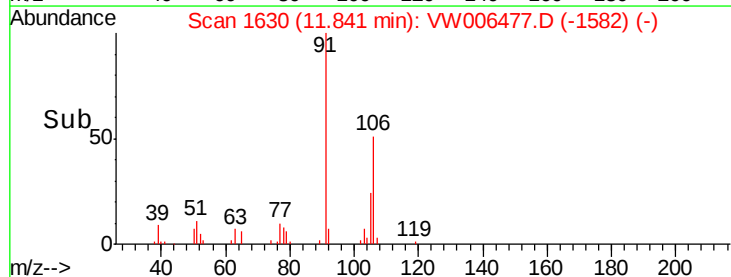
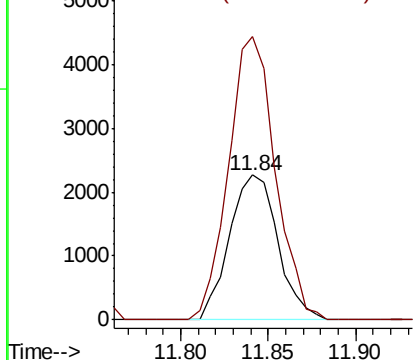


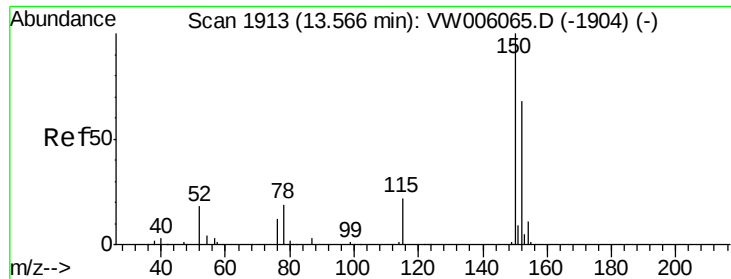
#68
m/p-Xylenes
Concen: 1.760 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Tgt Ion:106 Resp: 4363
Ion Ratio Lower Upper
106 100
91 188.9 159.1 238.7



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



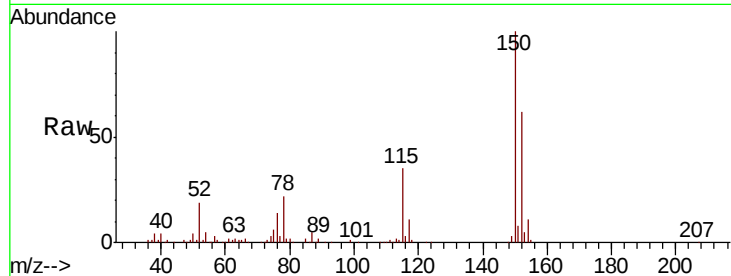


#72

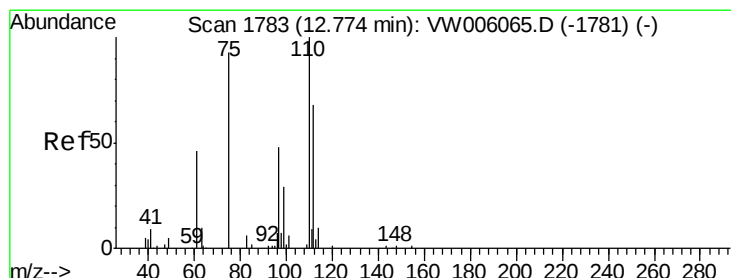
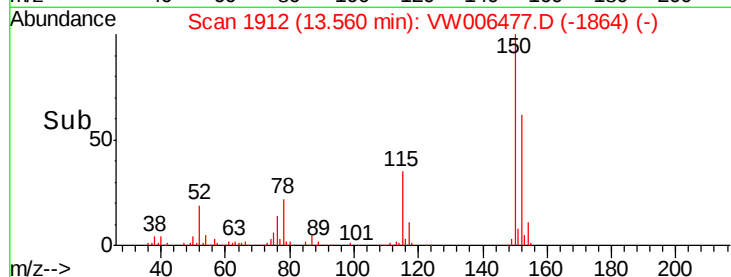
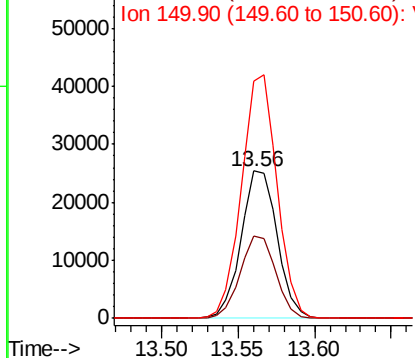
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Instrument :
MSVOA_W
ClientSampled :
DW-04RE

Tot Ion:152 Resp: 41568
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 162.2 0.0 349.2



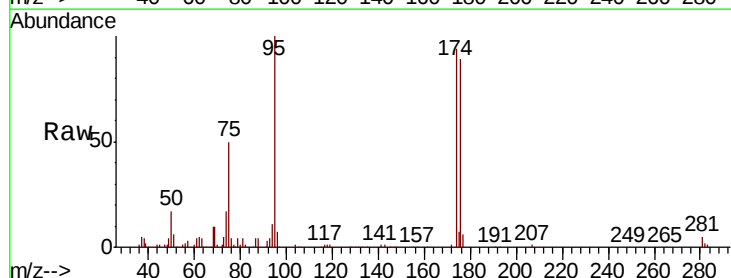
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



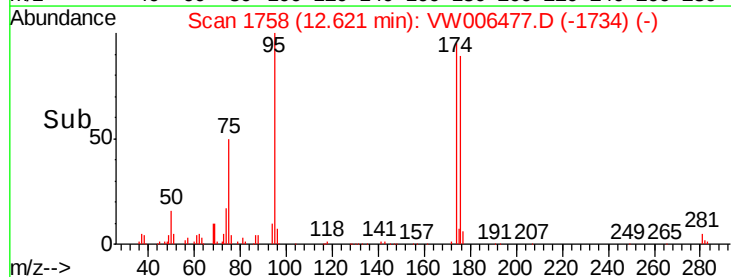
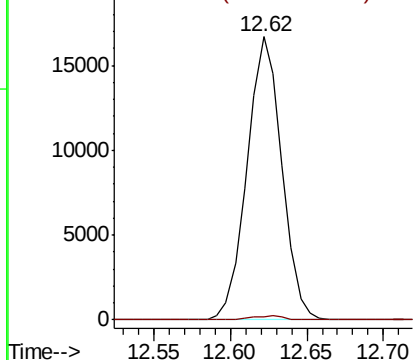
#76

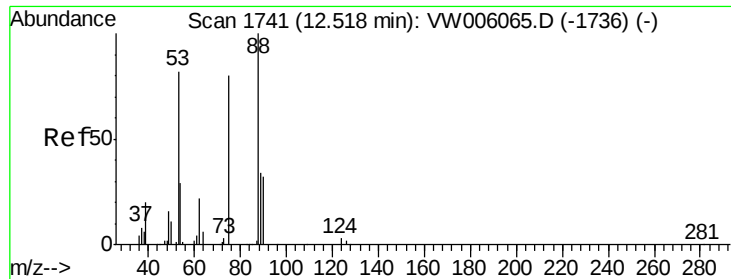
1,2,3-Trichloropropane
Concen: 82.785 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006477.D
Acq: 30 Oct 2018 03:10

Tgt Ion: 75 Resp: 26284
Ion Ratio Lower Upper
75 100
77 1.3 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: 197.889 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006477.D

Acq: 30 Oct 2018 03:10

Instrument :

MSVOA_W

ClientSampleId :

DW-04RE

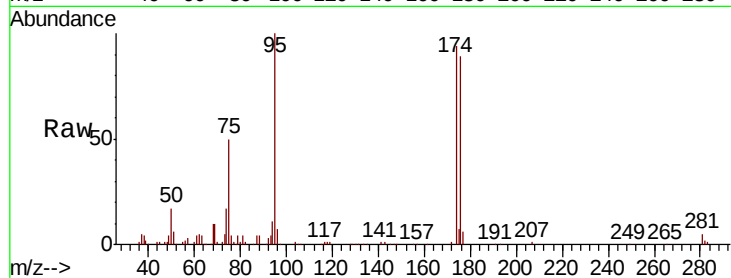
Tot Ion: 75 Resp: 26284

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

