

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006692.D
 Acq On : 06 Nov 2018 17:51
 Operator : SY/AP
 Sample : J5769-14
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-3

Quant Time: Nov 07 11:28:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	373395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108989	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.89	113	112274	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.33	98	374332	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	
62) 4-Bromofluorobenzene	12.62	95	91146	28.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.36%	

Target Compounds

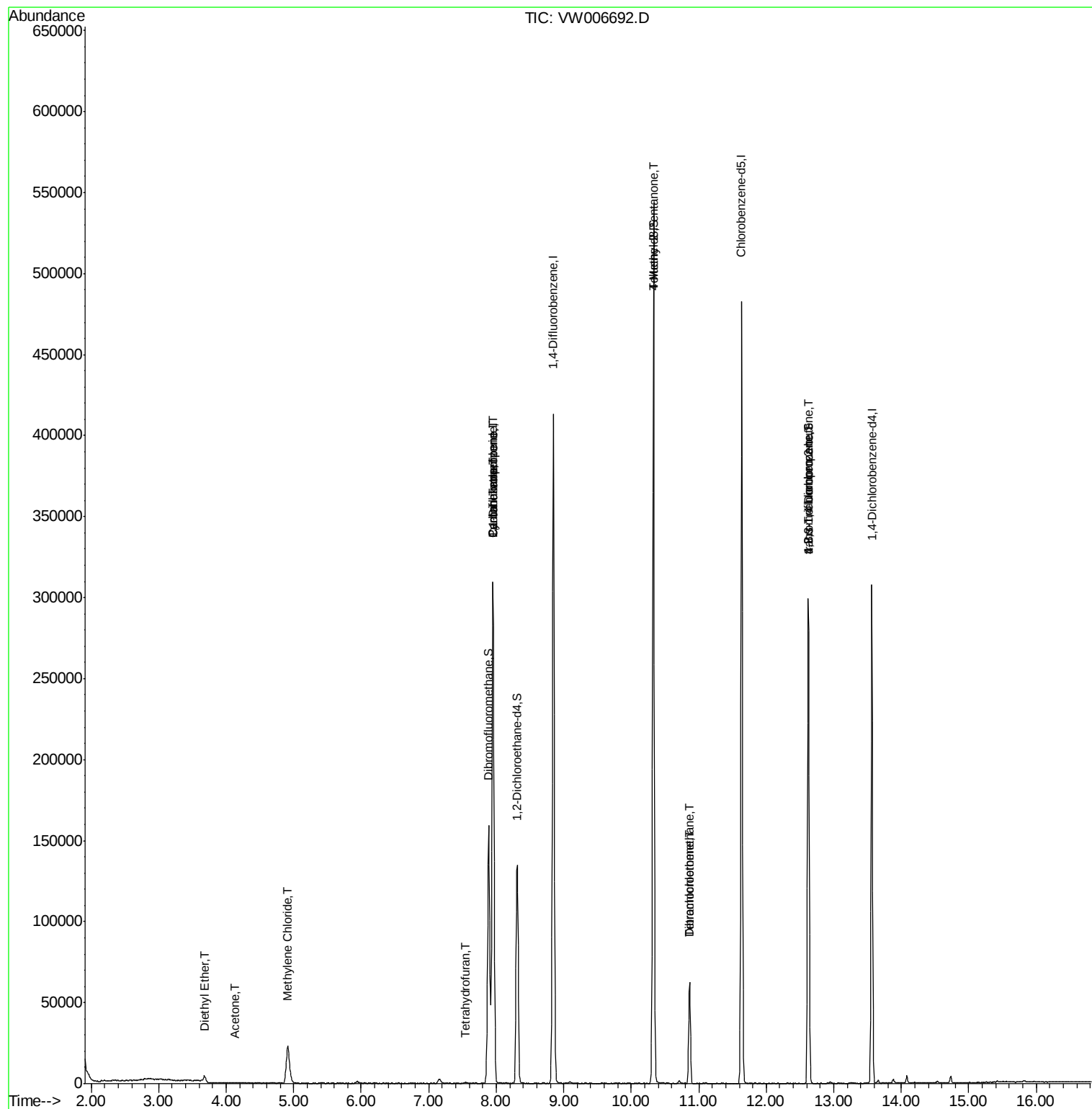
					Qvalue	
8) Diethyl Ether	3.68	74	2505	2.292	ug/l	92
16) Acetone	4.14	43	381	1.086	ug/l #	42
20) Methylene Chloride	4.92	84	20910	3.660	ug/l	98
29) Tetrahydrofuran	7.55	42	464	1.473	ug/l #	52
31) Cyclohexane	7.95	56	4155	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15872	4.834	ug/l #	47
38) Carbon Tetrachloride	7.95	117	22108	6.443	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1404	1.204	ug/l #	1
60) Dibromochloromethane	10.87	129	11396	5.313	ug/l #	11
64) Tetrachloroethene	10.87	164	15063	6.636	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	45196	64.351	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	45196	160.443	ug/l #	11

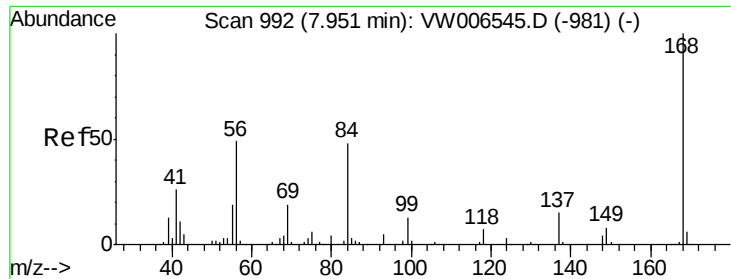
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006692.D

Acq: 06 Nov 2018 17:51

Instrument :

MSVOA_W

ClientSampleId :

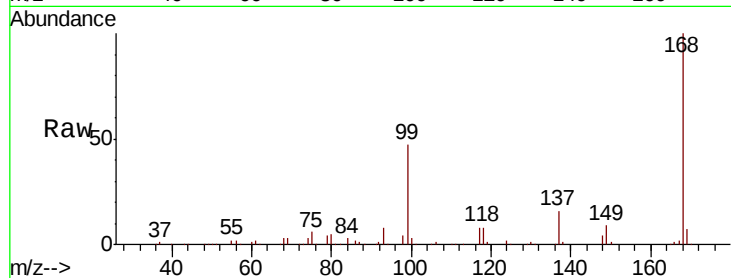
FLOOD-AREA-3

Tot Ion:168 Resp: 252812

Ion Ratio Lower Upper

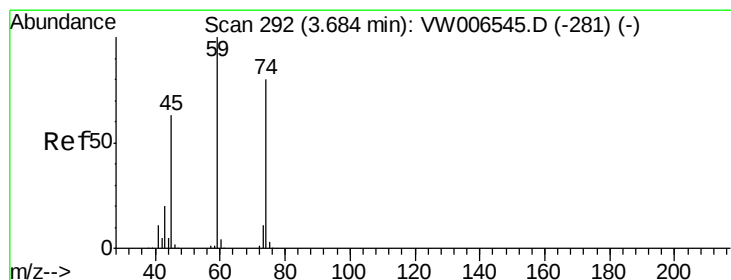
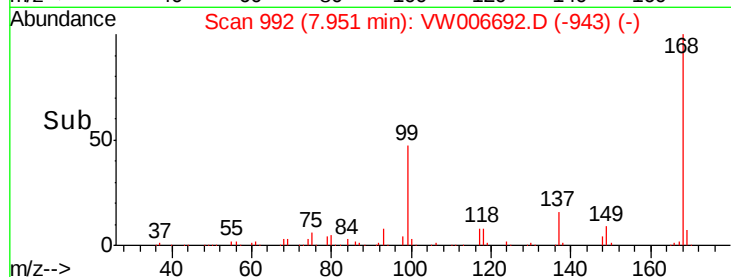
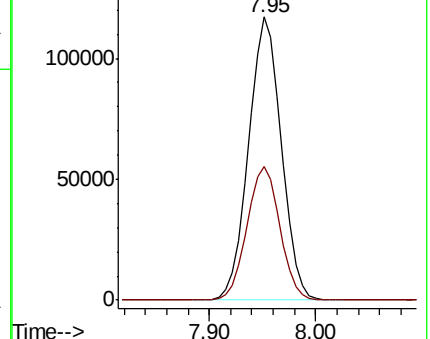
168 100

99 47.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.292 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006692.D

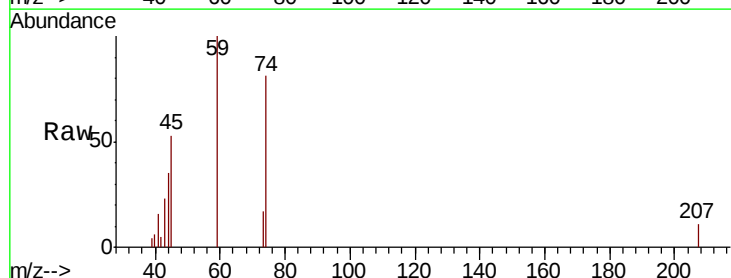
Acq: 06 Nov 2018 17:51

Tgt Ion: 74 Resp: 2505

Ion Ratio Lower Upper

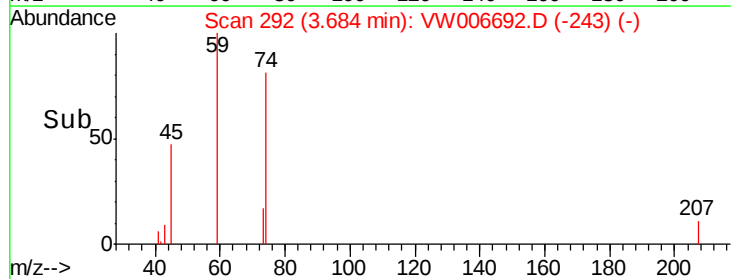
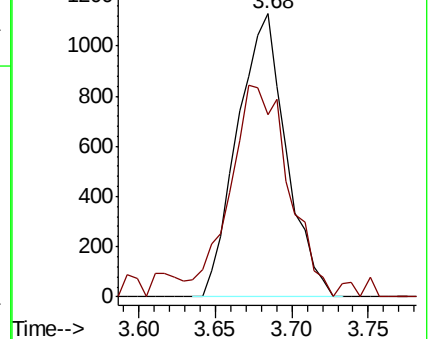
74 100

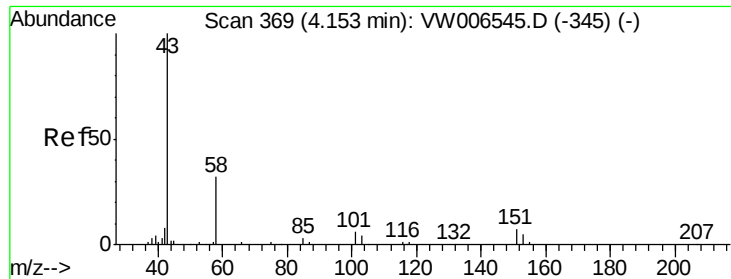
45 89.7 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 1.086 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006692.D

Acq: 06 Nov 2018 17:51

Instrument :

MSVOA_W

ClientSampleId :

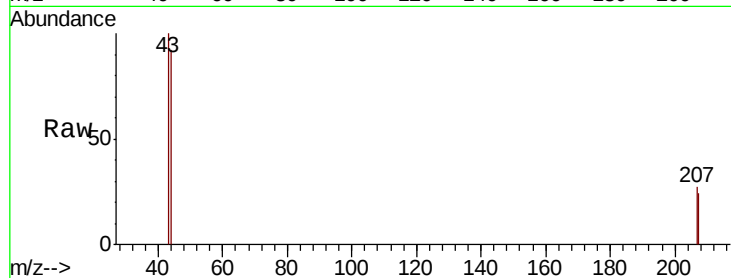
FLOOD-AREA-3

Tot Ion: 43 Resp: 381

Ion Ratio Lower Upper

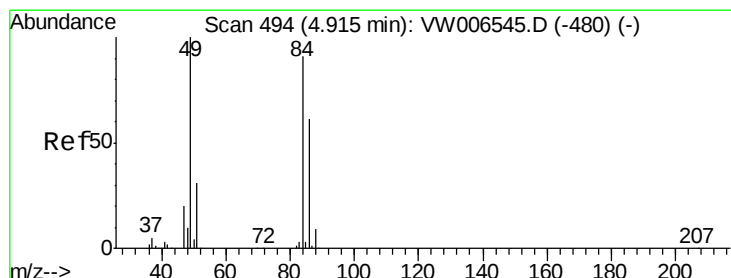
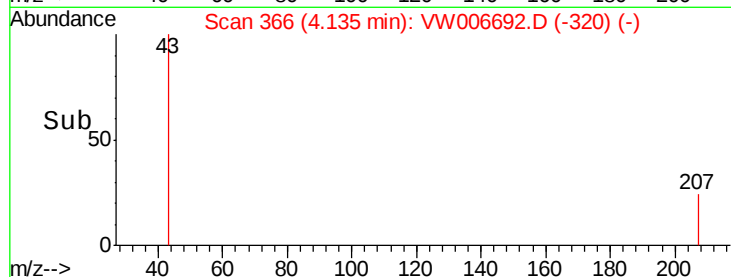
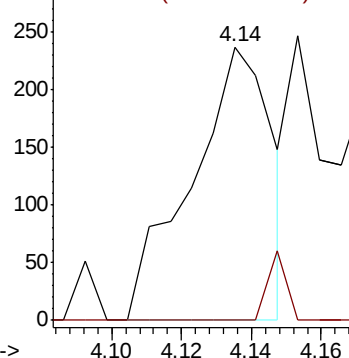
43 100

58 0.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.660 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006692.D

Acq: 06 Nov 2018 17:51

Tgt Ion: 84 Resp: 20910

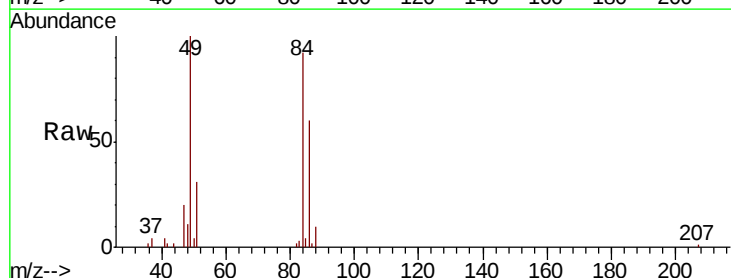
Ion Ratio Lower Upper

84 100

49 108.8 88.2 132.4

51 33.3 27.0 40.6

86 64.8 53.8 80.8

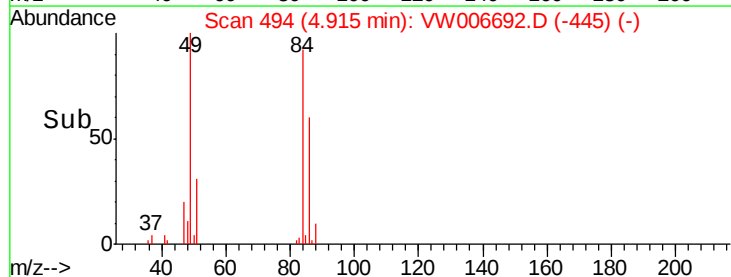
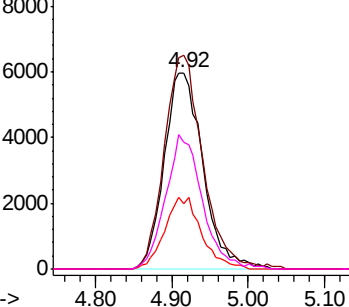


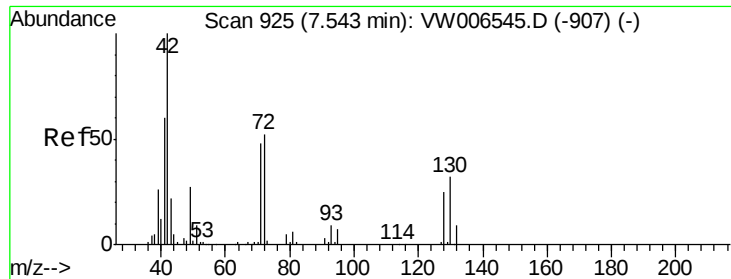
Abundance Ion 83.90 (83.60 to 84.60): VW

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

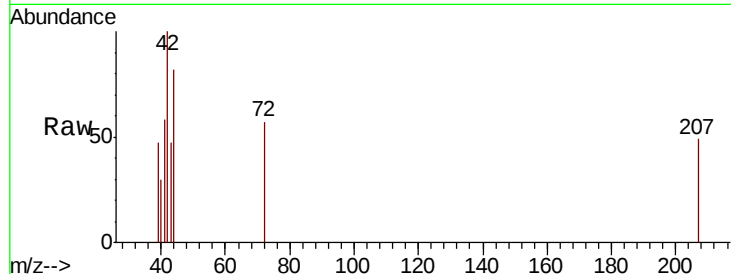




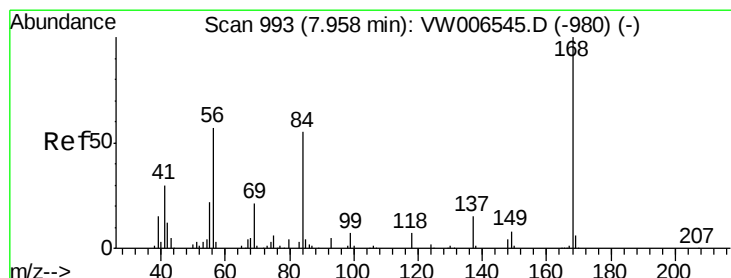
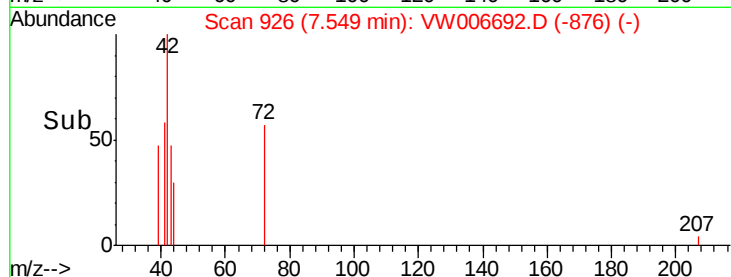
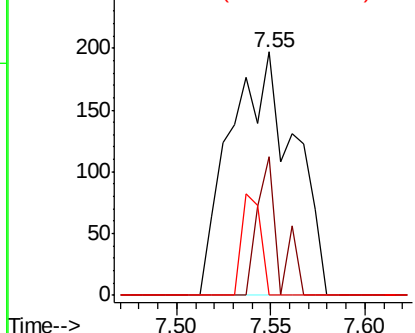
#29
Tetrahydrofuran
Concen: 1.473 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-3

Tot Ion: 42 Resp: 464
Ion Ratio Lower Upper
42 100
72 19.0 39.2 58.8#
71 12.3 37.6 56.4#

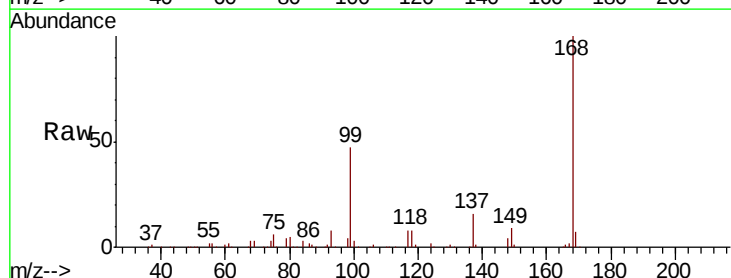


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

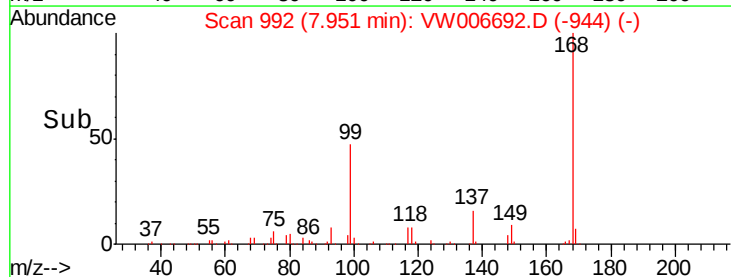
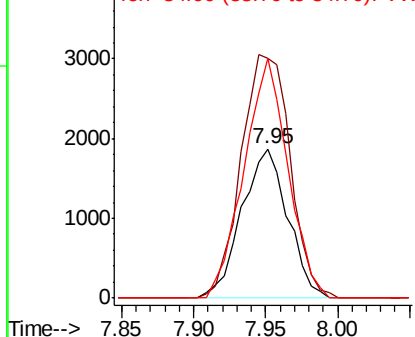


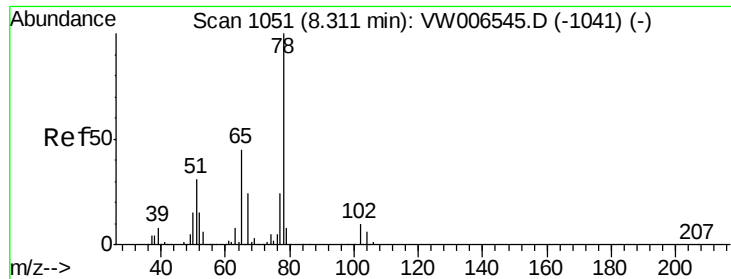
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Tgt Ion: 56 Resp: 4155
Ion Ratio Lower Upper
56 100
69 160.7 29.0 43.4#
84 160.6 77.8 116.6#



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

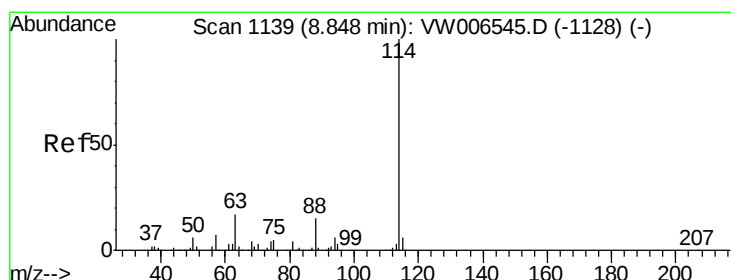
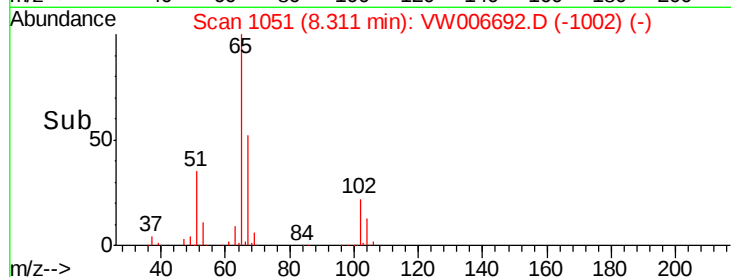
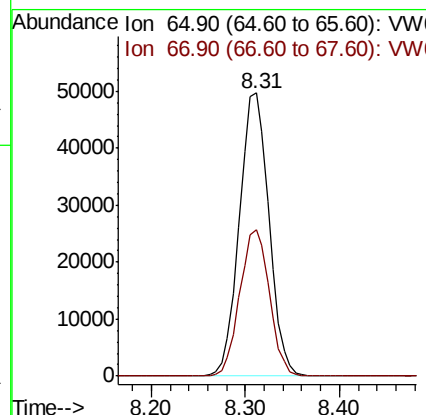
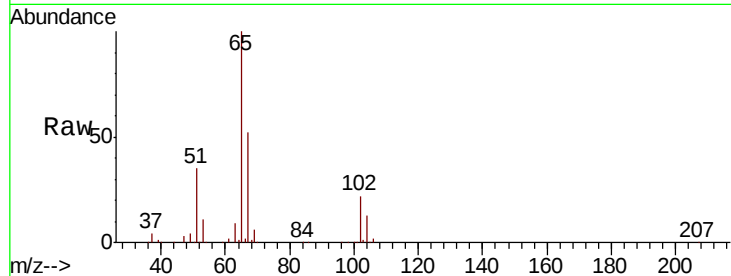




#33
 1,2-Dichloroethane-d4
 Concen: 50.152 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006692.D
 Acq: 06 Nov 2018 17:51

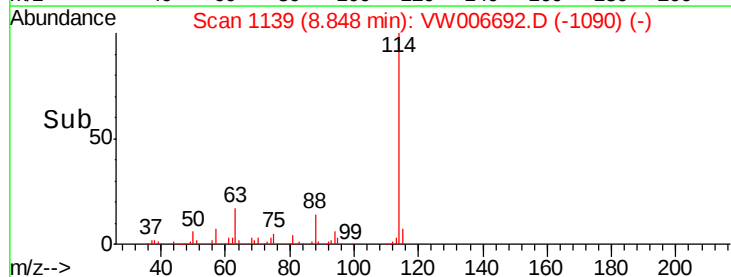
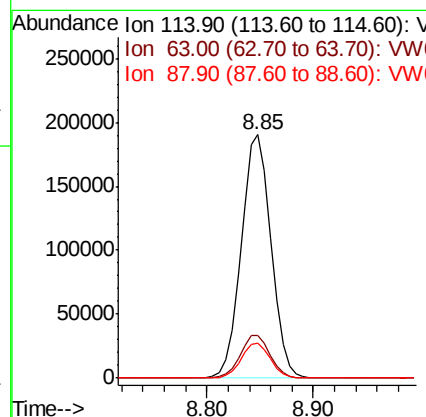
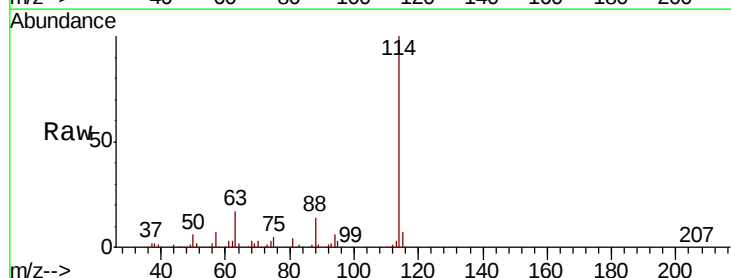
Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-3

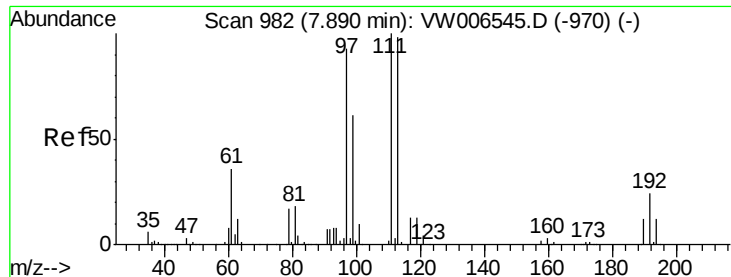
Tot Ion: 65 Resp: 108989
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006692.D
 Acq: 06 Nov 2018 17:51

Tgt Ion: 114 Resp: 373395
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 14.5 0.0 29.0

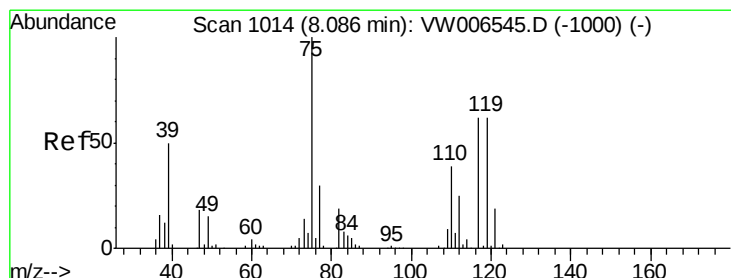
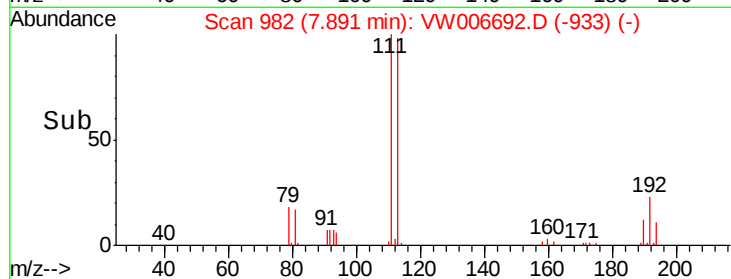
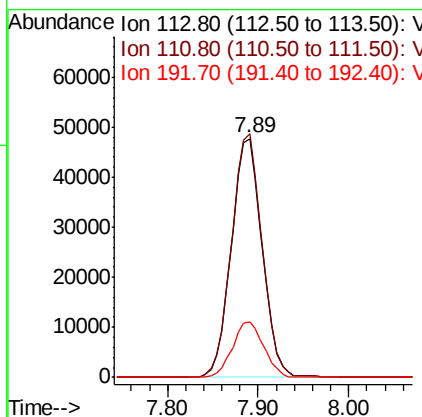
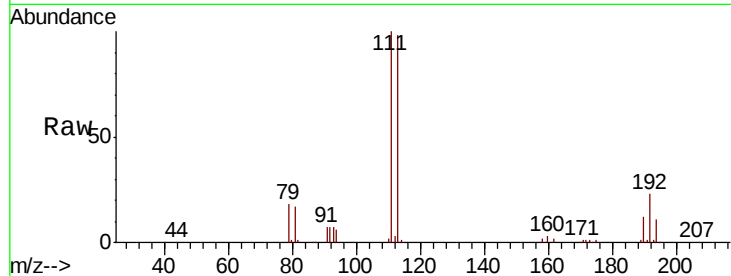




#35
 Dibromofluoromethane
 Concen: 47.912 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006692.D
 Acq: 06 Nov 2018 17:51

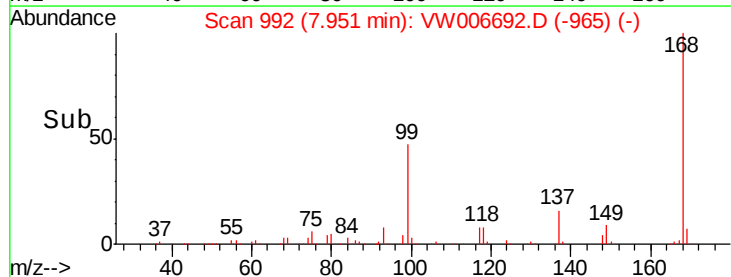
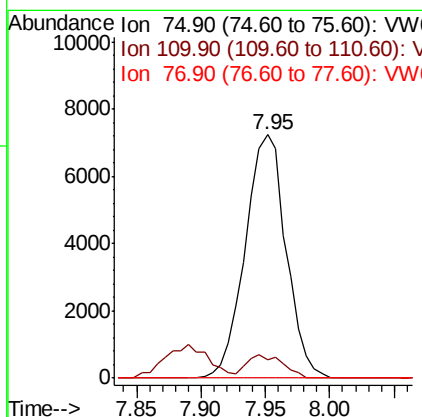
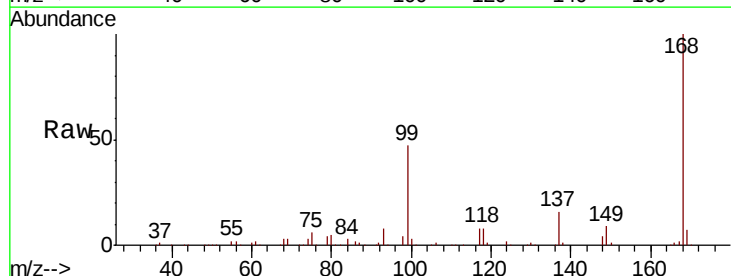
Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-3

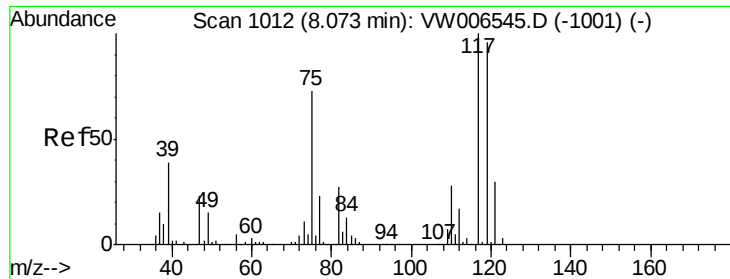
Tot Ion:113 Resp: 112274
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 23.4 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006692.D
 Acq: 06 Nov 2018 17:51

Tgt Ion: 75 Resp: 15872
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.5 58.5#
 77 0.0 24.6 37.0#

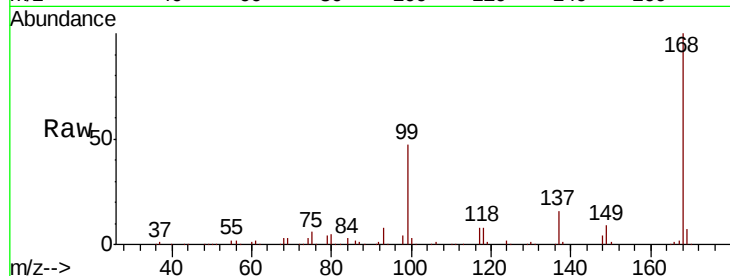




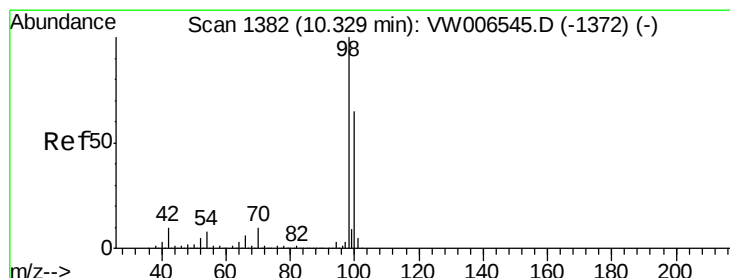
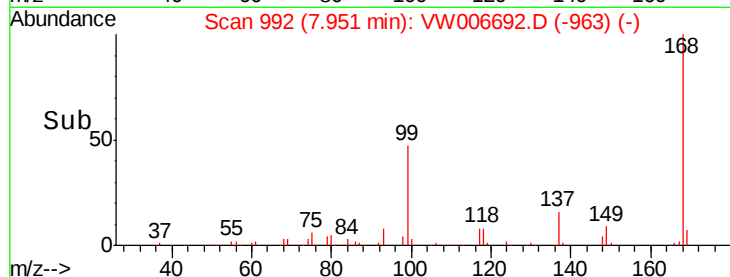
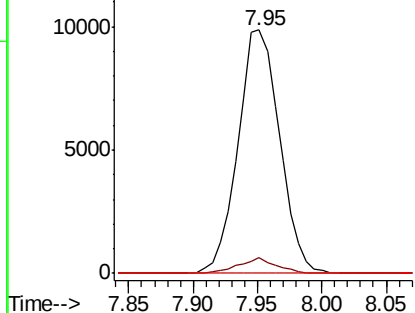
#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-3

Tot Ion:117 Resp: 22108
Ion Ratio Lower Upper
117 100
119 6.5 76.3 114.5#
121 0.0 24.1 36.1#

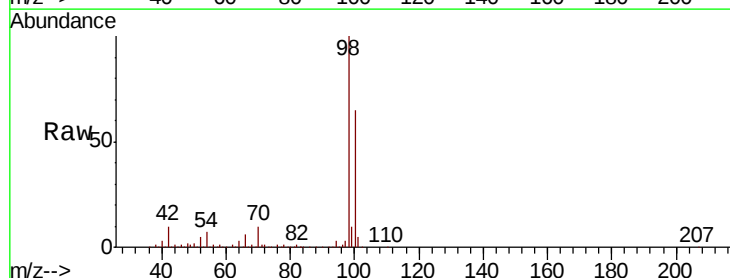


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

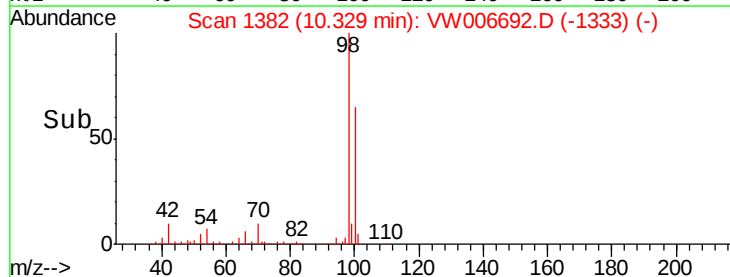
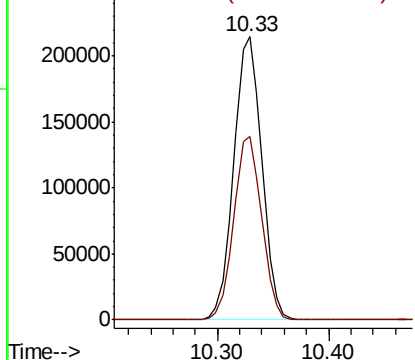


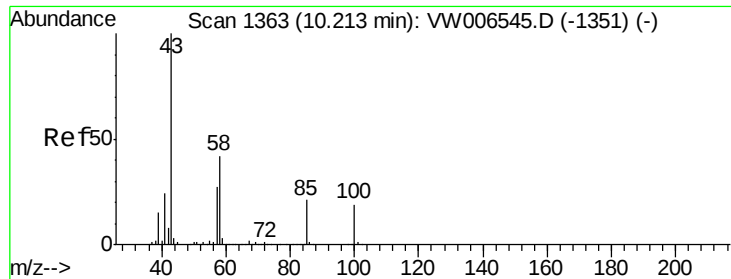
#50
Toluene-d8
Concen: 41.962 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Tgt Ion: 98 Resp: 374332
Ion Ratio Lower Upper
98 100
100 64.5 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: 1.204 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006692.D

Acq: 06 Nov 2018 17:51

Instrument :

MSVOA_W

ClientSampleId :

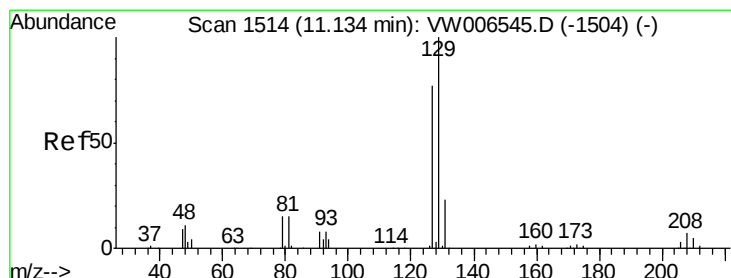
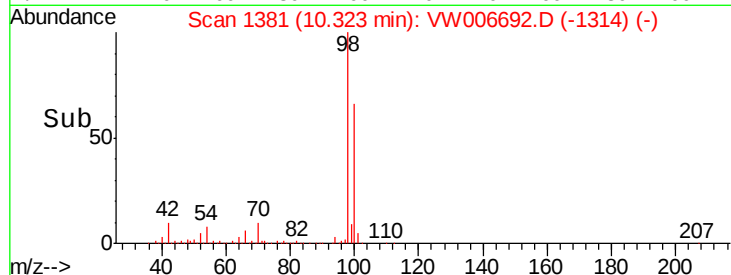
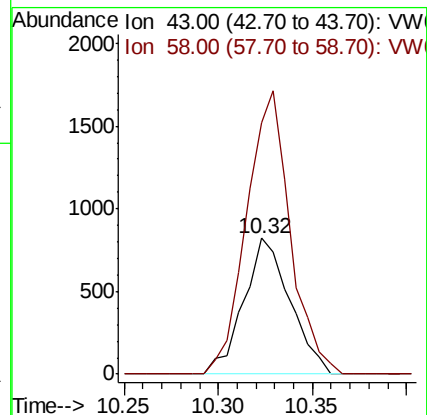
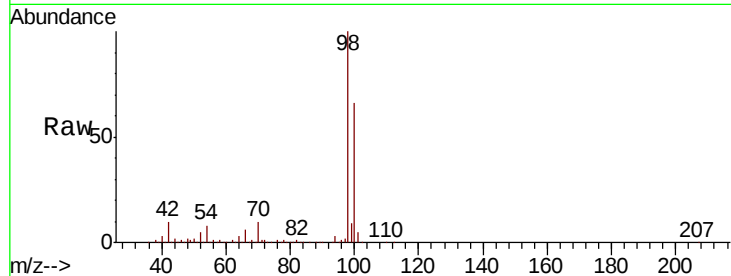
FLOOD-AREA-3

Tot Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 195.8 33.4 50.0#



#60

Dibromochloromethane

Concen: 5.313 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW006692.D

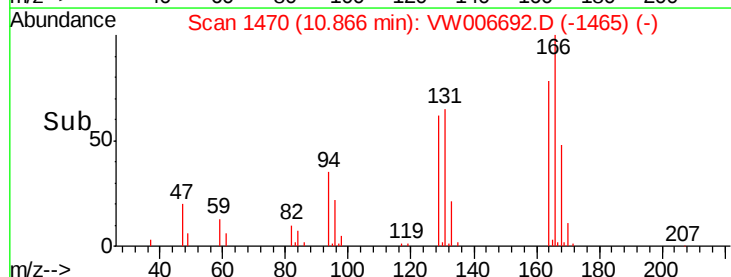
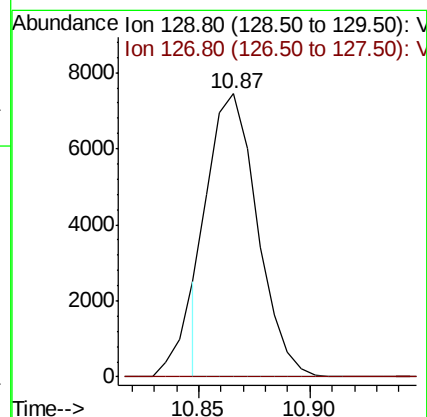
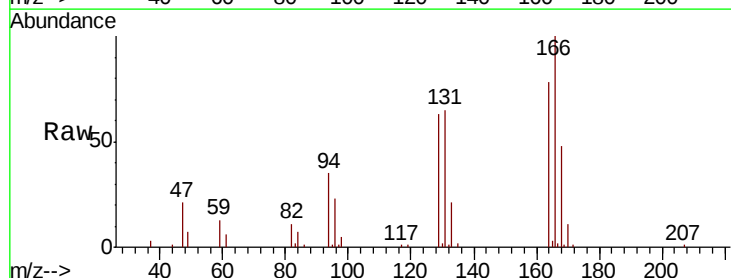
Acq: 06 Nov 2018 17:51

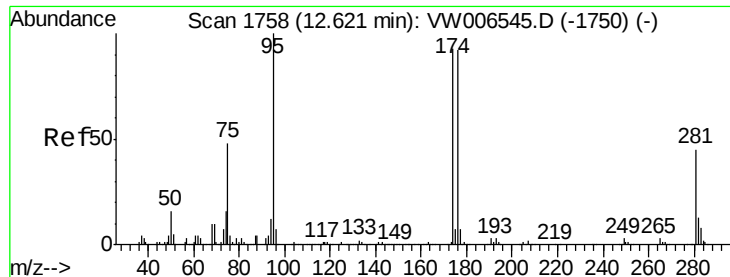
Tgt Ion: 129 Resp: 11396

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.3#

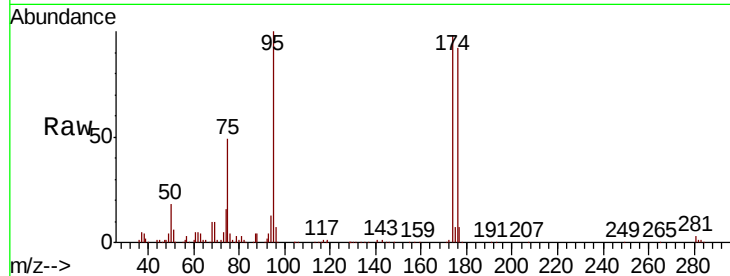




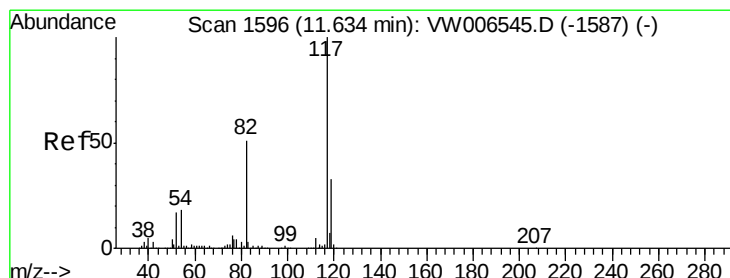
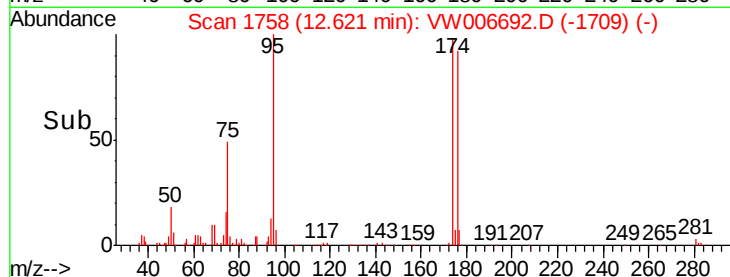
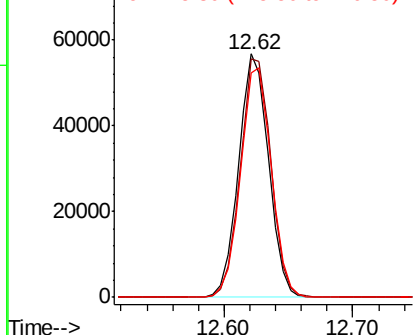
#62
4-Bromofluorobenzene
Concen: 28.183 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Instrument :
MSVOA_W
ClientSampled :
FLOOD-AREA-3

Tot Ion: 95 Resp: 91146
Ion Ratio Lower Upper
95 100
174 99.8 0.0 192.4
176 96.5 0.0 187.4

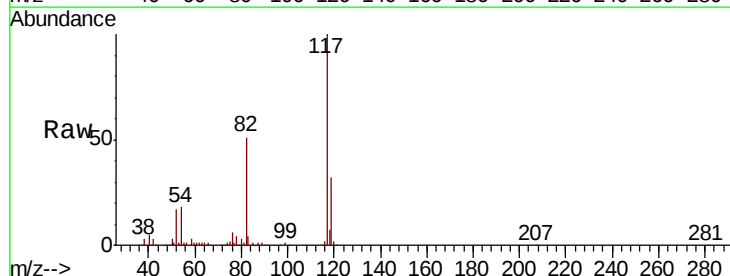


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

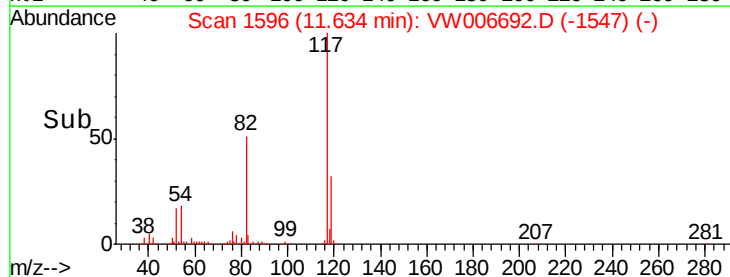
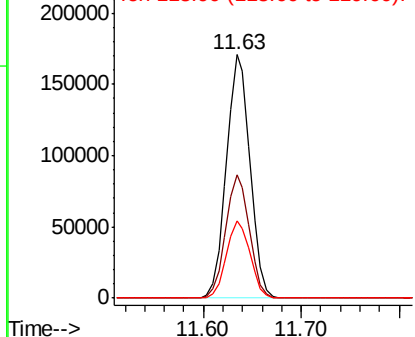


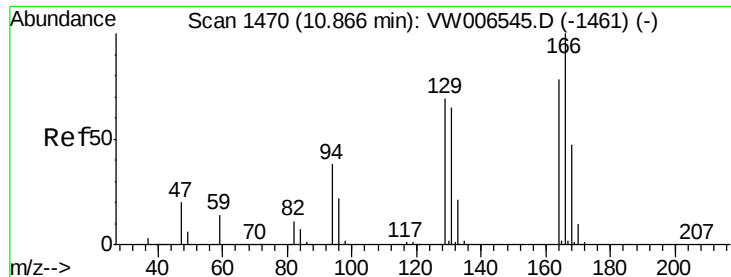
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Tgt Ion: 117 Resp: 284765
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 31.8 26.1 39.1



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

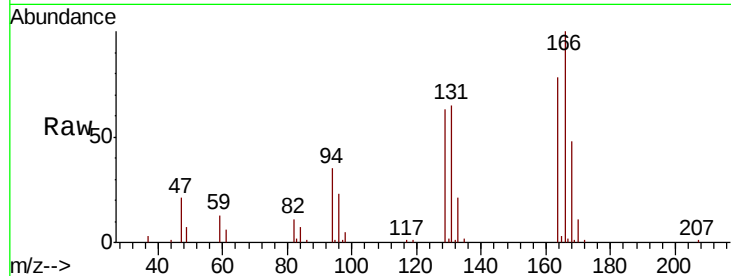




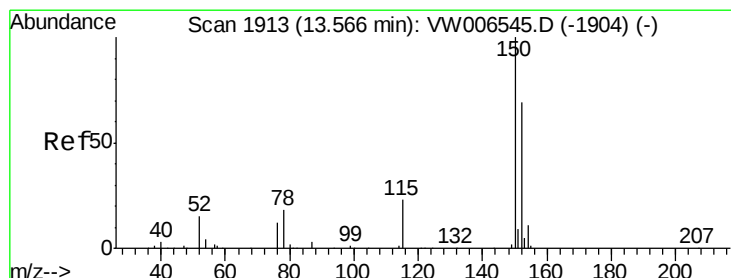
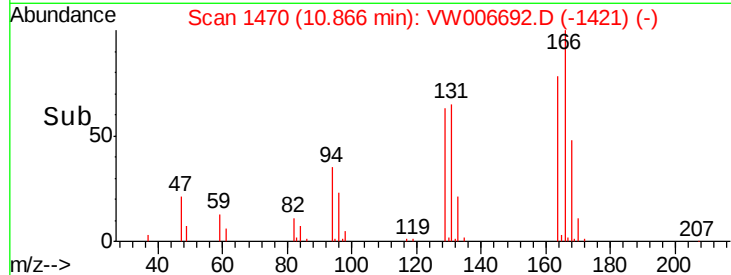
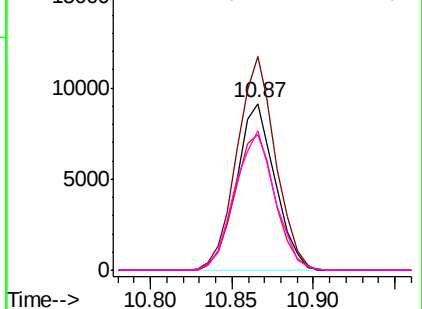
#64
Tetrachloroethene
Concen: 6.636 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Instrument :
MSVOA_W
ClientSampled :
FLOOD-AREA-3

Tot Ion:164 Resp: 15063
Ion Ratio Lower Upper
164 100
166 128.2 102.8 154.2
129 81.4 70.9 106.3
131 83.9 67.0 100.6

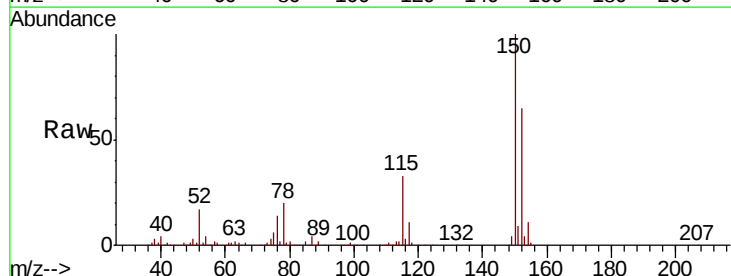


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

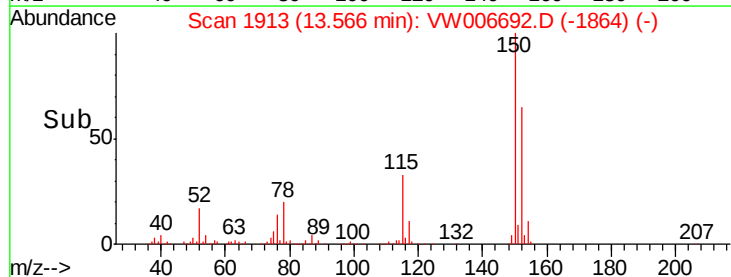
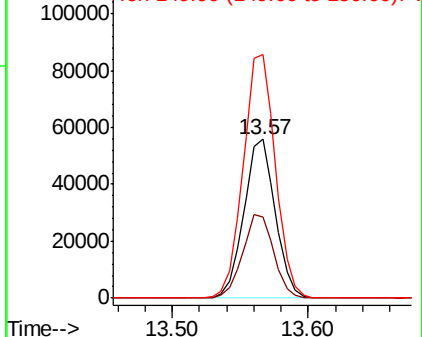


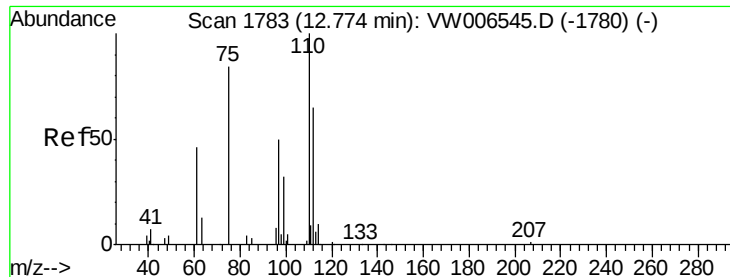
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

Tgt Ion:152 Resp: 90017
Ion Ratio Lower Upper
152 100
115 52.0 26.6 79.8
150 157.0 0.0 344.6



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: 64.351 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006692.D

Acq: 06 Nov 2018 17:51

Instrument :

MSVOA_W

ClientSampleId :

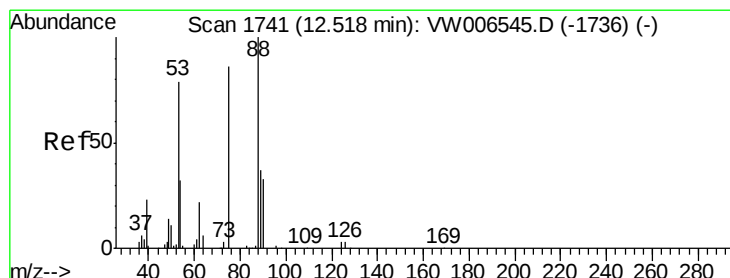
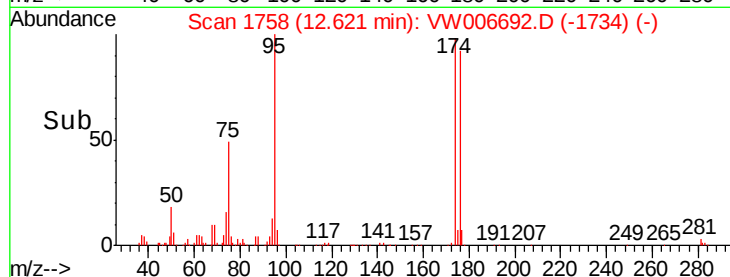
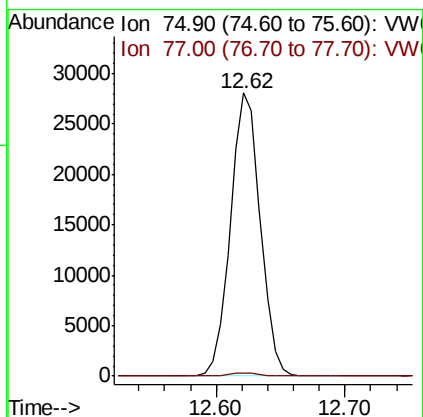
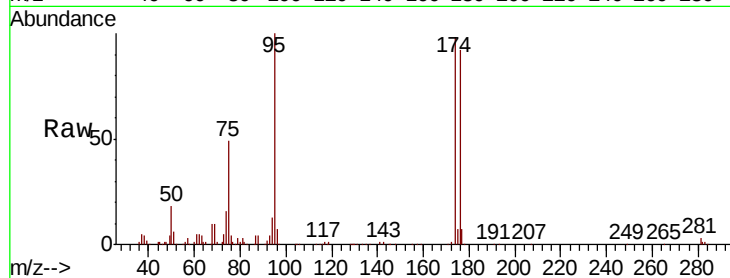
FLOOD-AREA-3

Tot Ion: 75 Resp: 45196

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.443 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006692.D

Acq: 06 Nov 2018 17:51

Tgt Ion: 75 Resp: 45196

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

