

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 11:42:32 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

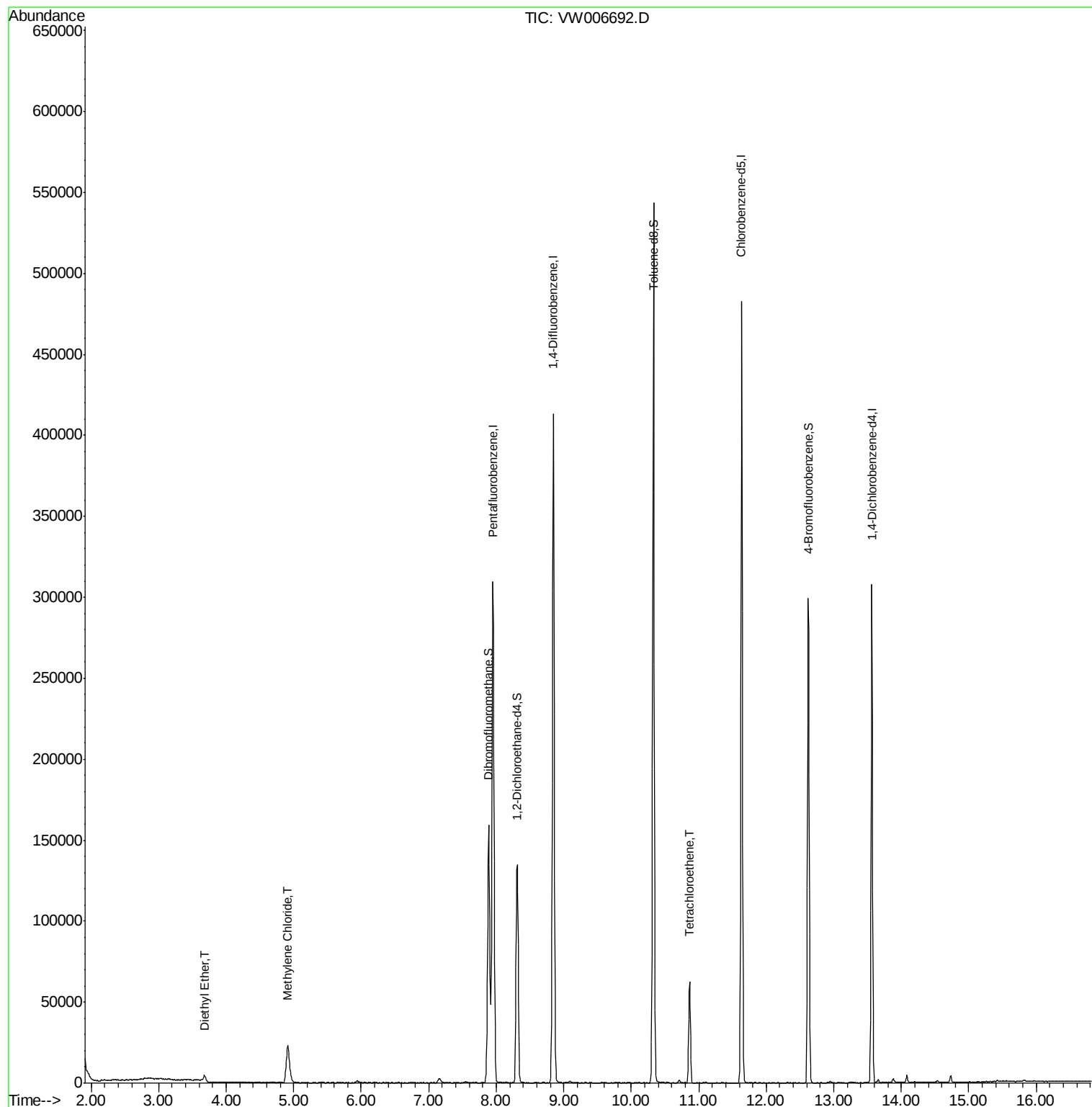
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	373395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90017	50.00	ug/l	0.00
System Monitoring Compounds						
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						
8) Diethyl Ether	3.68	74	2505	2.292	ug/l	92
20) Methylene Chloride	4.92	84	20910	3.660	ug/l	98
64) Tetrachloroethene	10.87	164	15063	6.636	ug/l	98

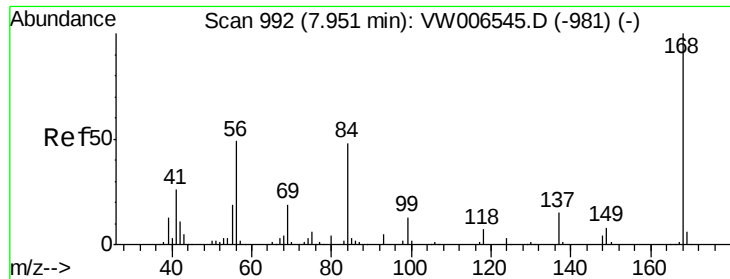
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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MSVOA_W

ClientSampleId :

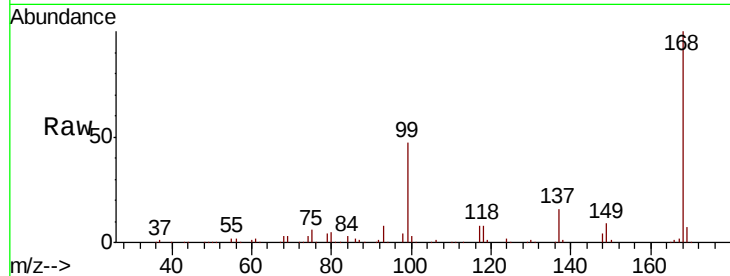
FLOOD-AREA-3

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

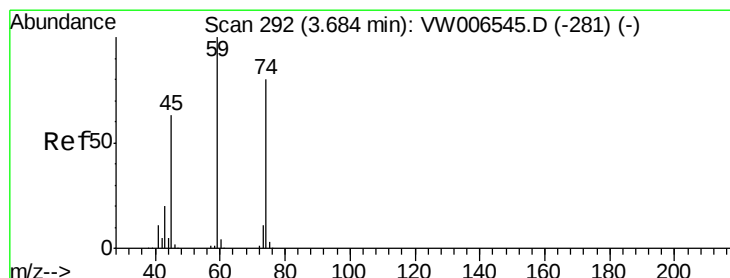
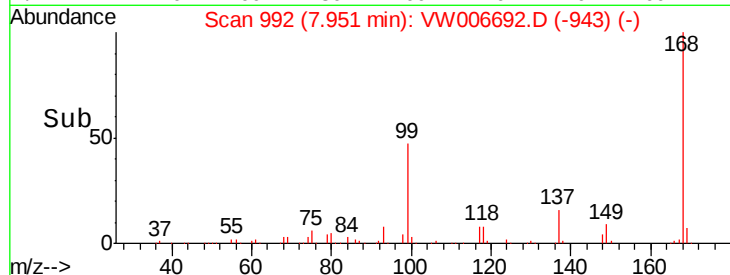
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.292 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006692.D

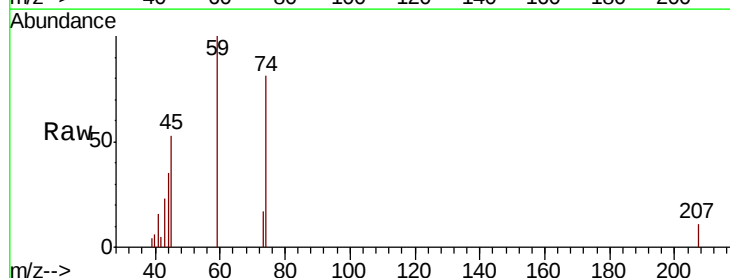
Acq: 06 Nov 2018 17:51

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

3.68

1200

1000

800

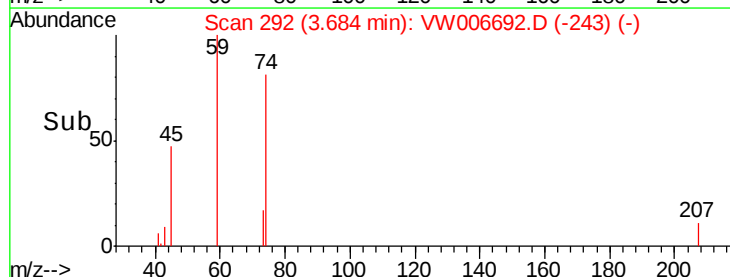
600

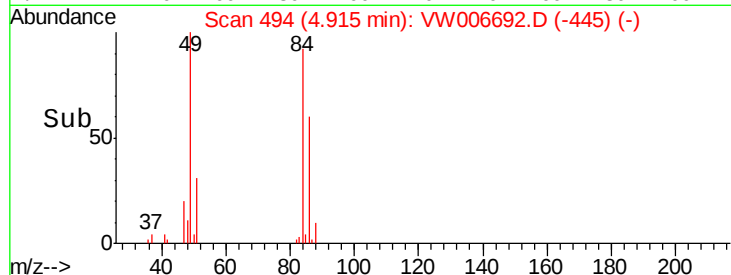
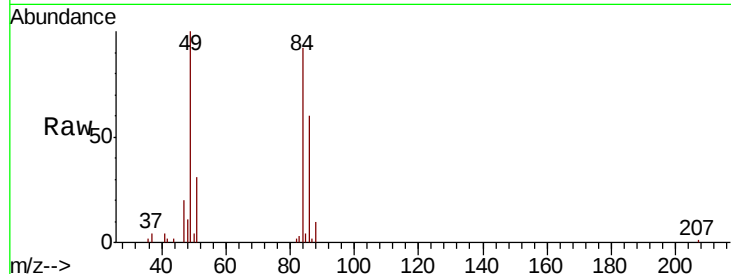
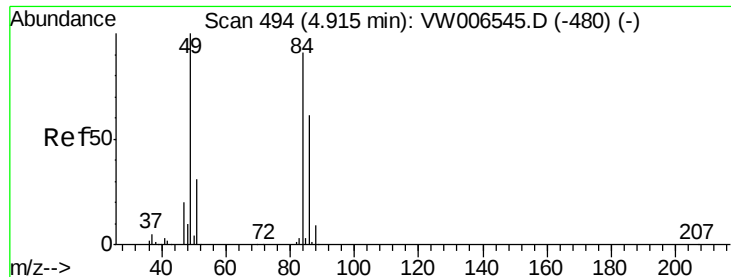
400

200

0

Time-->

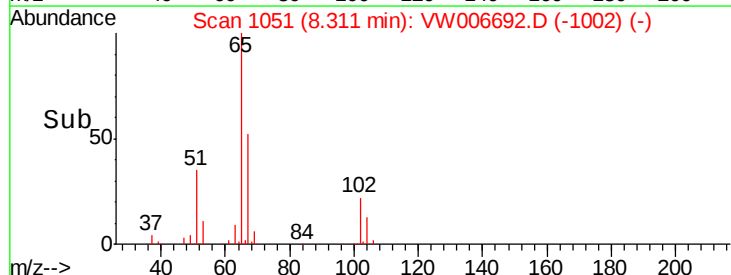
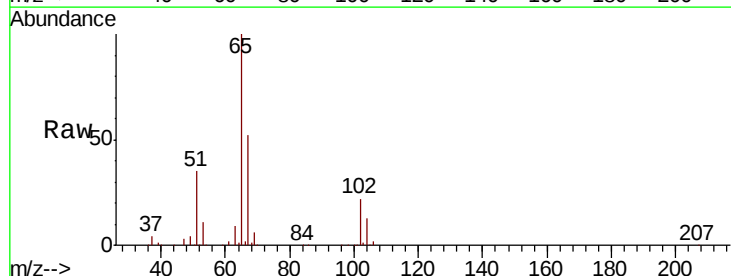
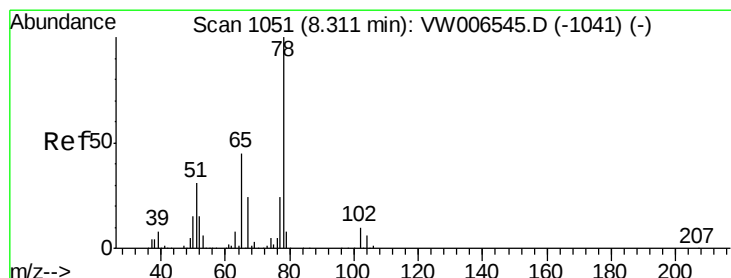
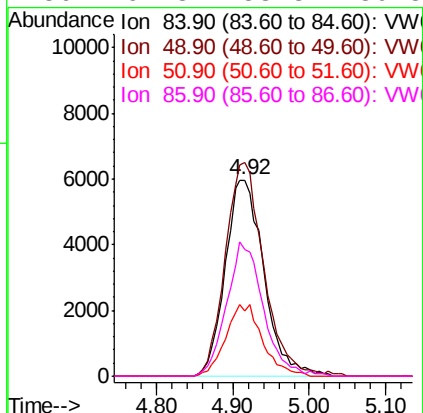




#20
Methvlene Chloride
Concen: 3.660 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

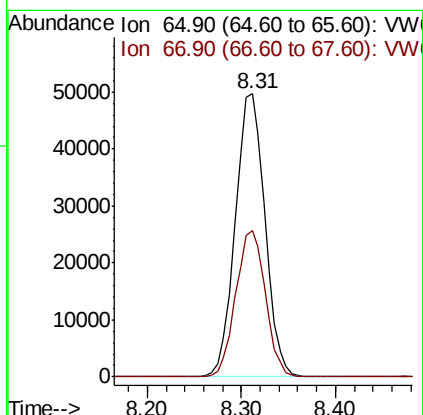
Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-3

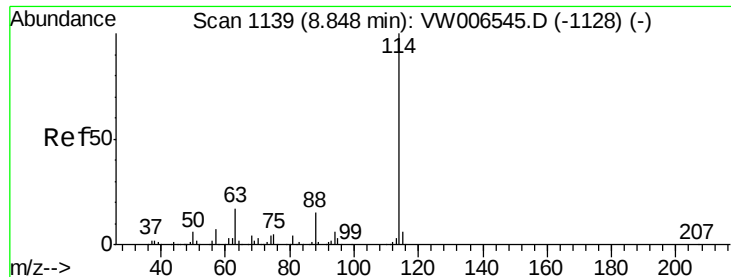
Tot Ion:	84	Resp:	20910
Ion	Ratio	Lower	Upper
84	100		
49	108.8	88.2	132.4
51	33.3	27.0	40.6
86	64.8	53.8	80.8



#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

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

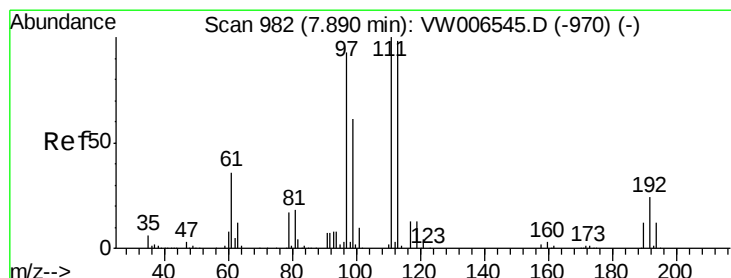
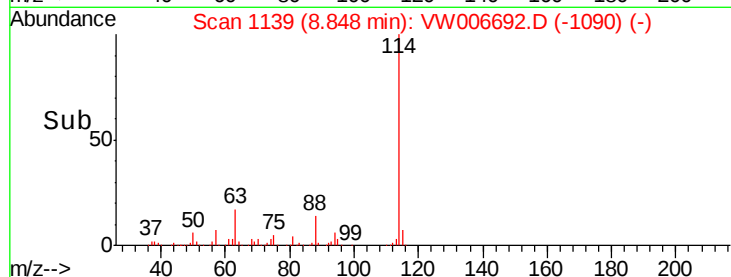
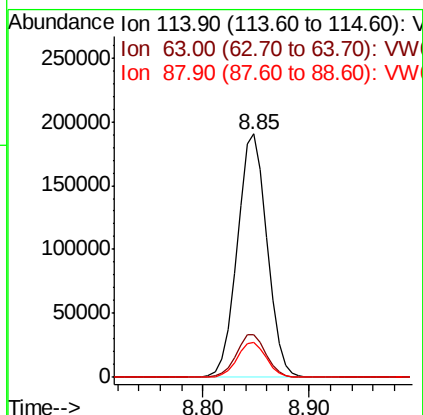
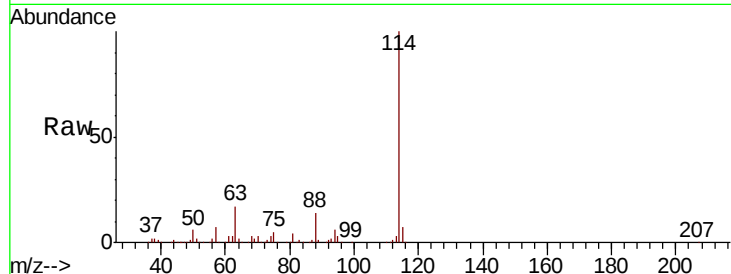




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006692.D
 Acq: 06 Nov 2018 17:51

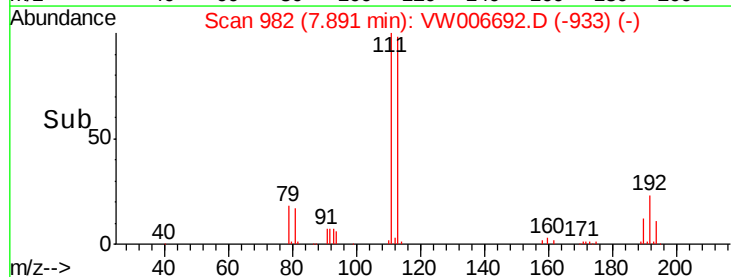
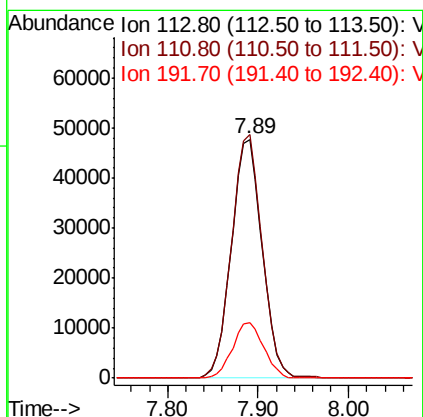
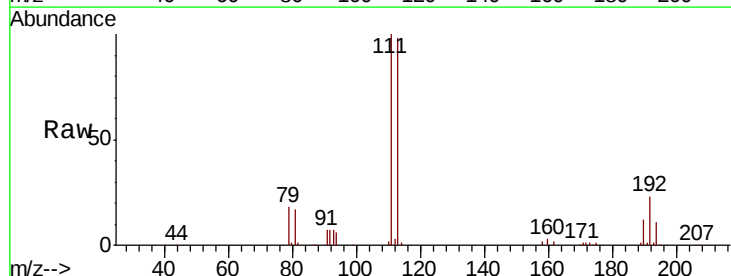
Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-3

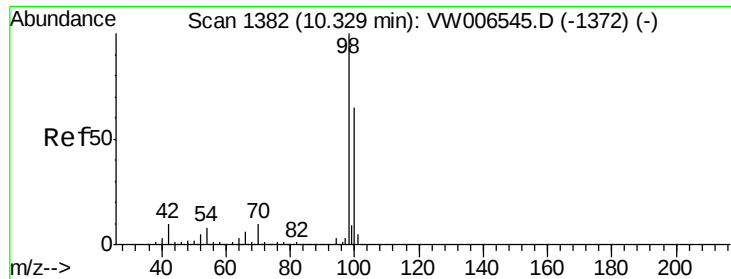
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.4
88	14.5	0.0	29.0



#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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	23.4	19.0	28.6





#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

Instrument :

MSVOA_W

ClientSampleId :

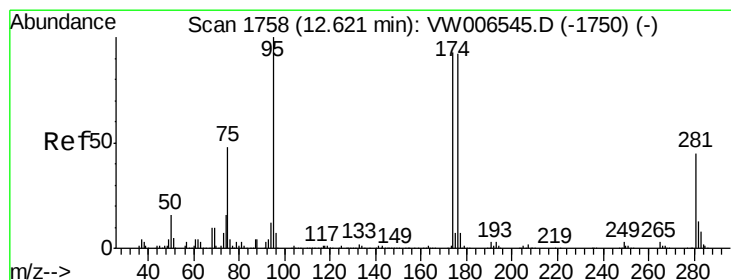
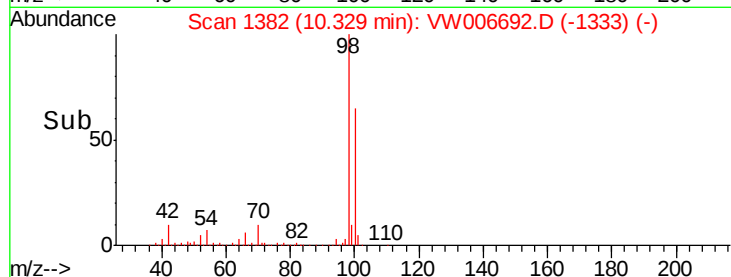
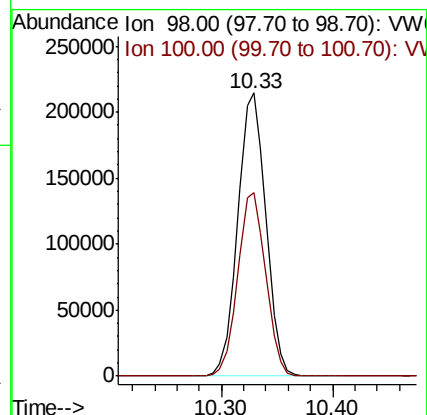
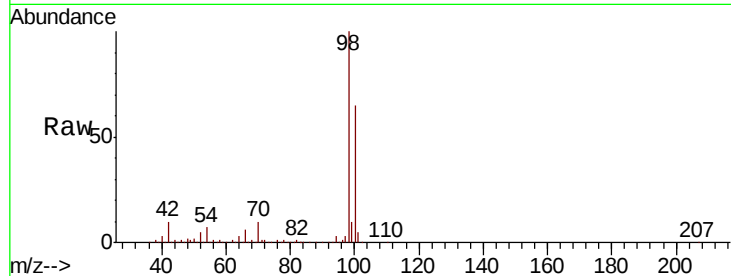
FLOOD-AREA-3

Tot Ion: 98 Resp: 374332

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#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

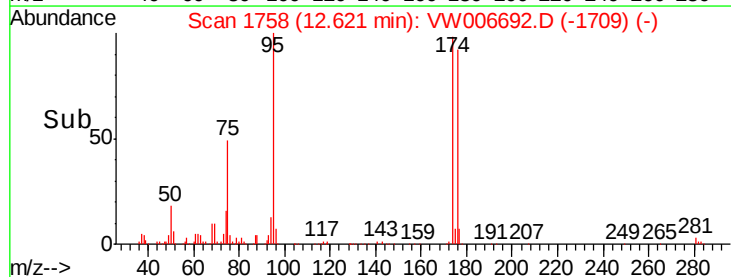
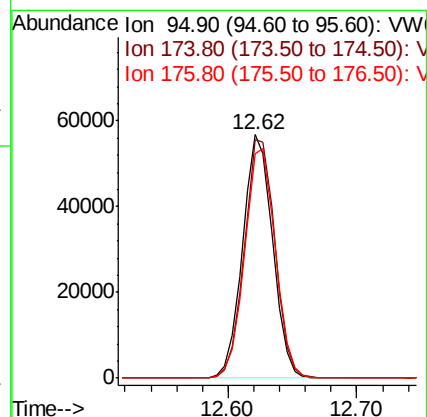
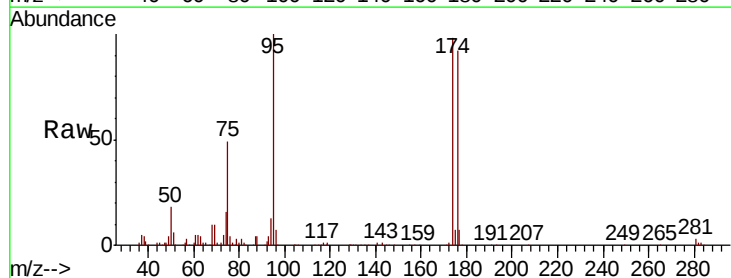
Tgt Ion: 95 Resp: 91146

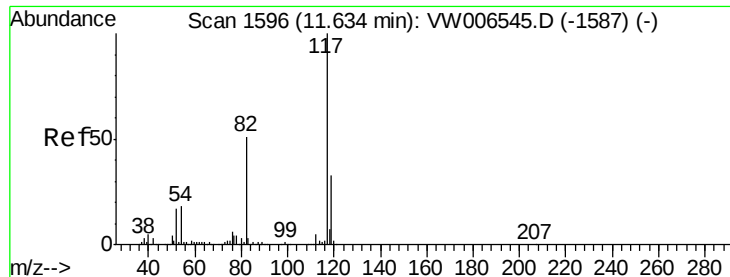
Ion Ratio Lower Upper

95 100

174 99.8 0.0 192.4

176 96.5 0.0 187.4

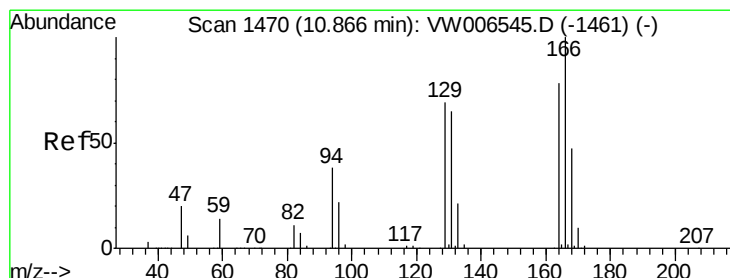
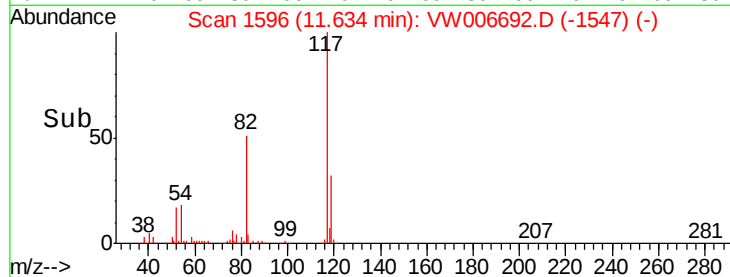
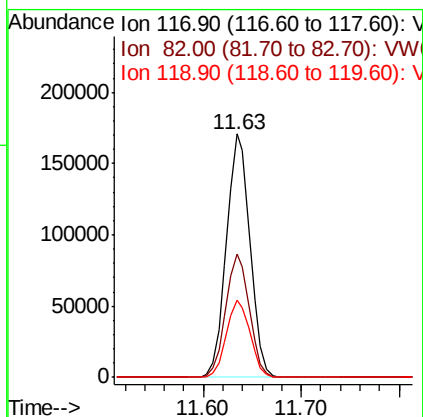
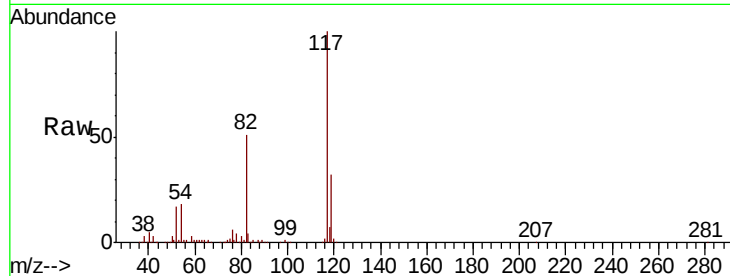




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006692.D
Acq: 06 Nov 2018 17:51

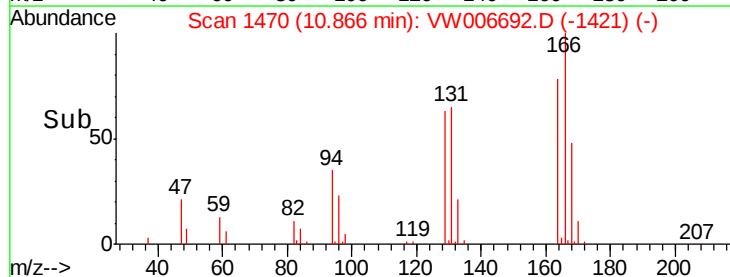
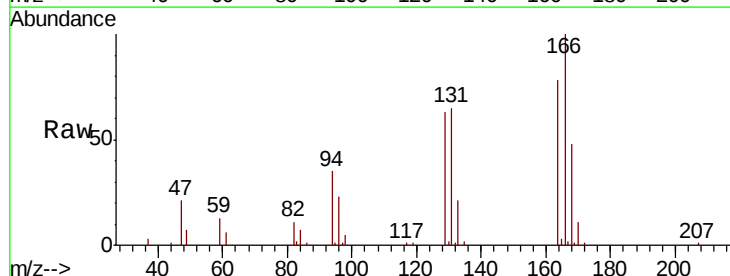
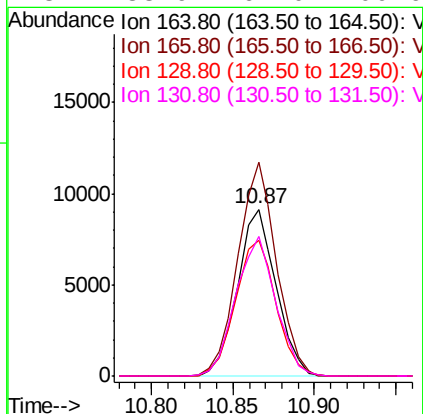
Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-3

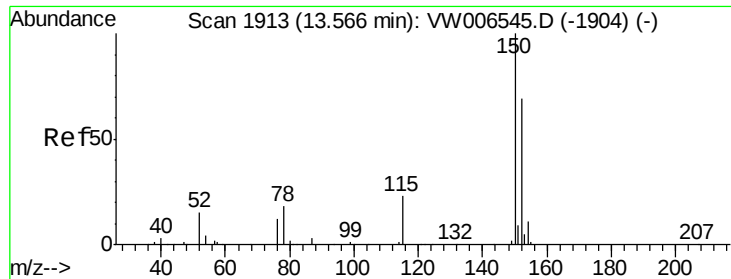
Tot Ion:117 Resp: 284765
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 31.8 26.1 39.1



#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

Tgt 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





#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

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-3

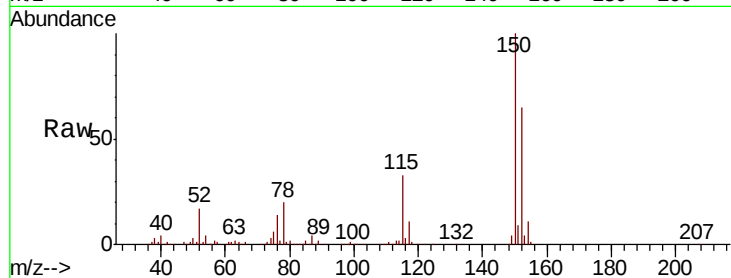
Tot Ion:152 Resp: 90017

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

