

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011081.D
 Acq On : 01 Jul 2019 13:35
 Operator : SY/VA
 Sample : K3606-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HJDC-GRAB-1

Quant Time: Jul 02 09:01:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

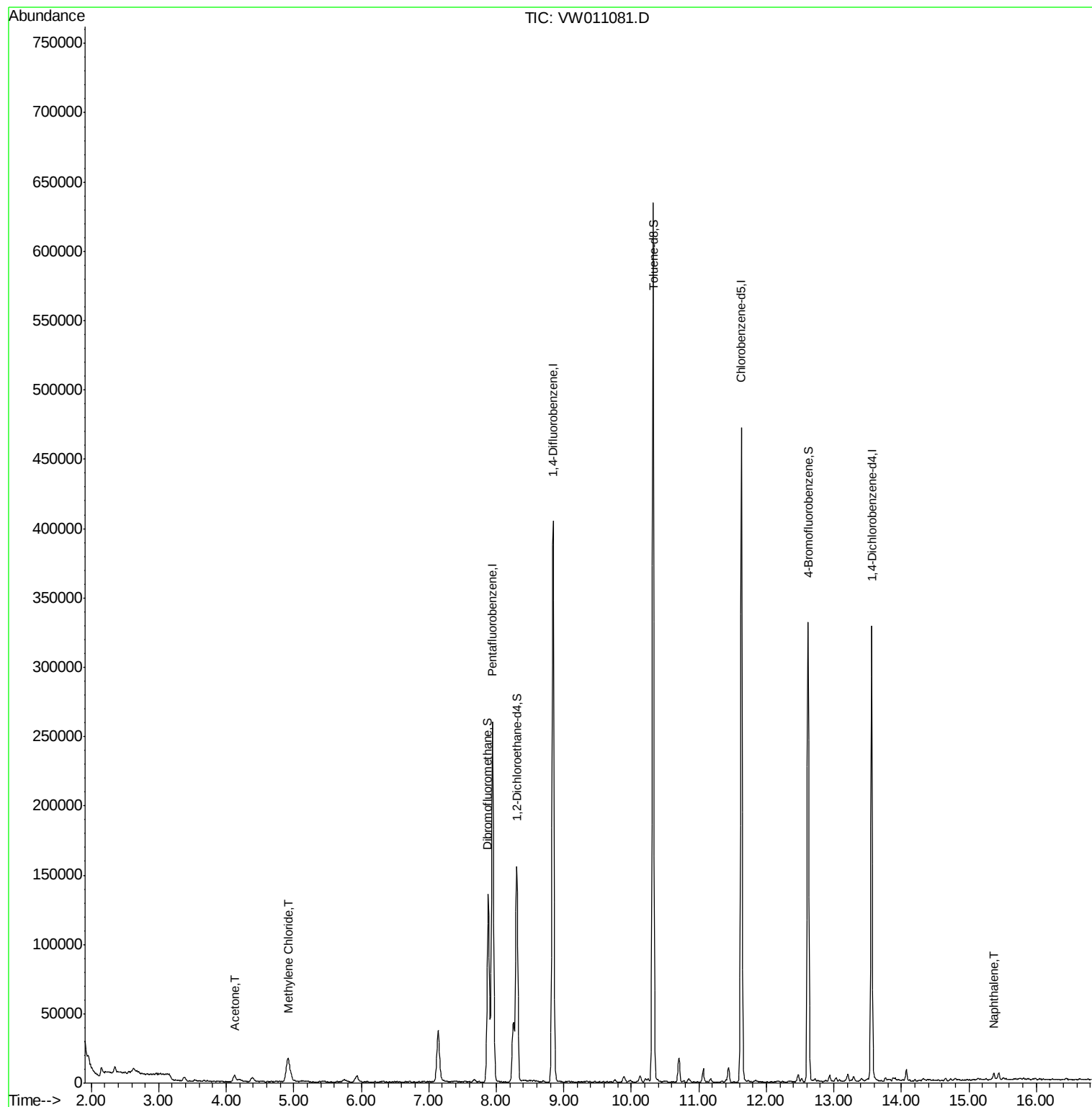
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123408	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	97637	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.32	98	385127	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	103756	35.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.66%	
Target Compounds						
16) Acetone	4.12	43	8744	14.536	ug/l	93
20) Methylene Chloride	4.92	84	13761	5.630	ug/l	96
95) Naphthalene	15.37	128	3498	1.173	ug/l #	94

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

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

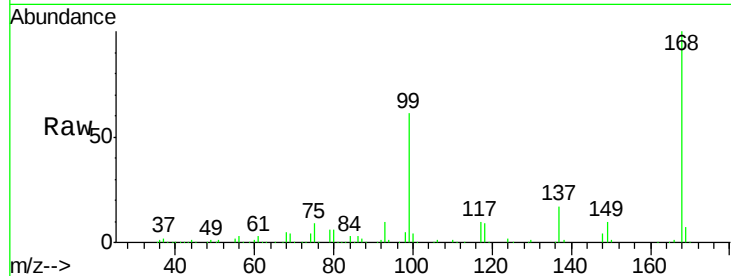
HJDC-GRAB-1

Tot Ion:168 Resp: 188518

Ion Ratio Lower Upper

168 100

99 61.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW011023.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW011023.D (-980) (-)

7.95

80000

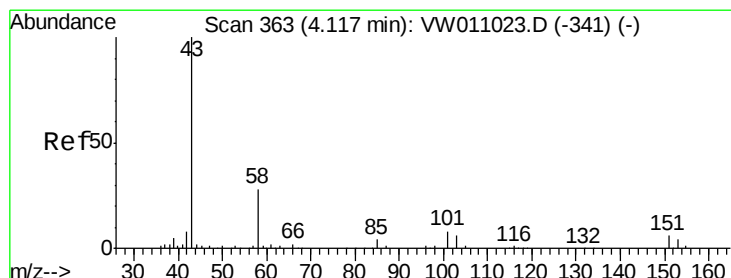
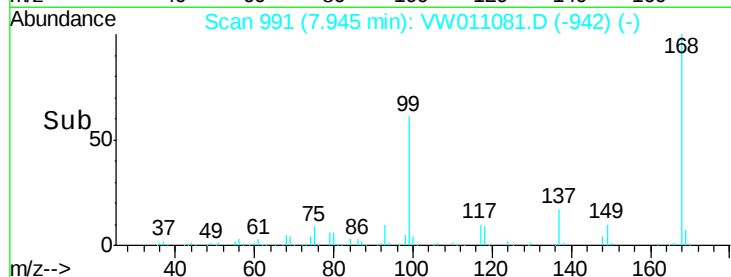
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.536 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011081.D

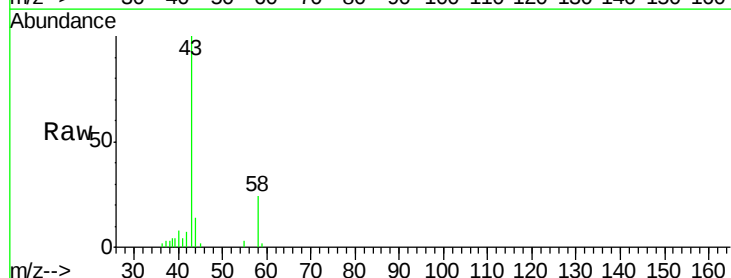
Acq: 01 Jul 2019 13:35

Tgt Ion: 43 Resp: 8744

Ion Ratio Lower Upper

43 100

58 24.6 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW011023.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VW011023.D (-341) (-)

4.12

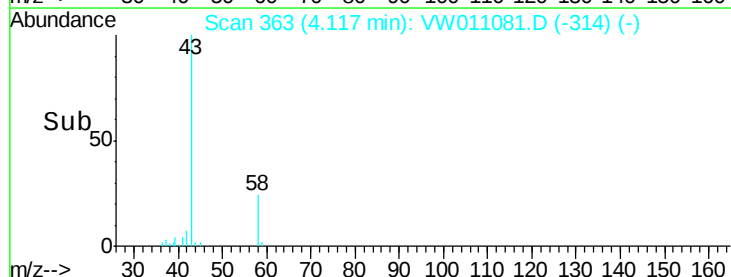
3000

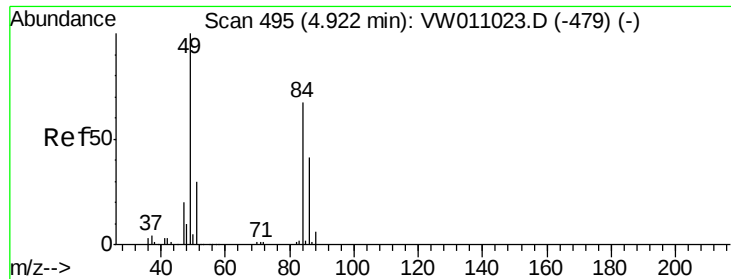
2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20

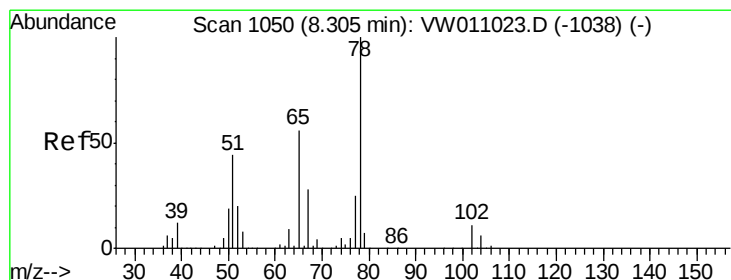
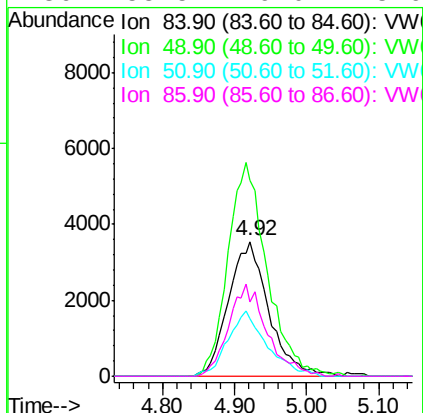
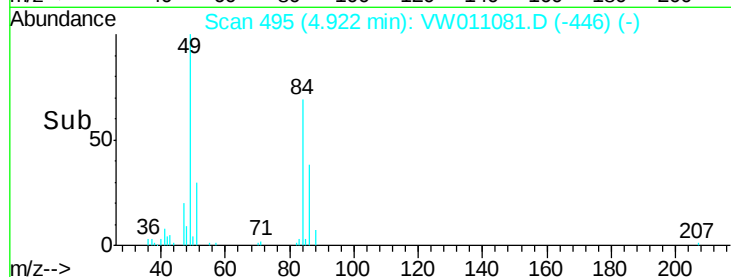
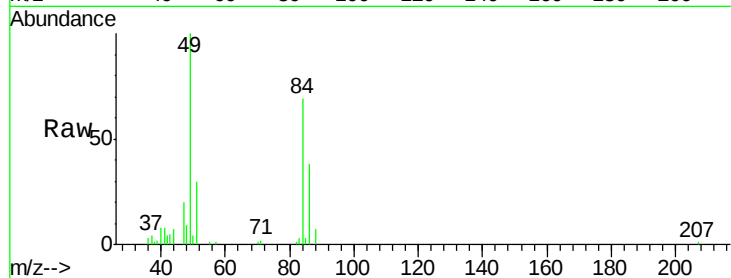




#20
Methvlene Chloride
Concen: 5.630 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

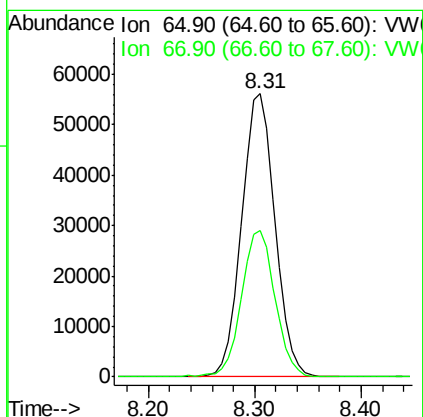
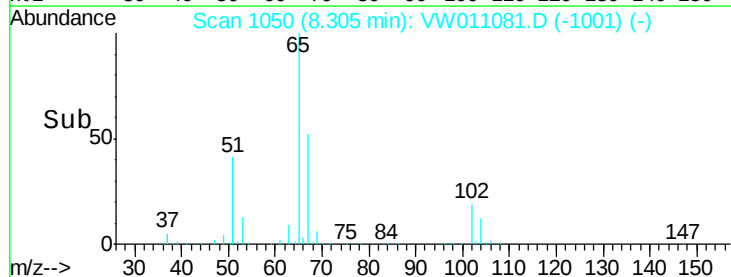
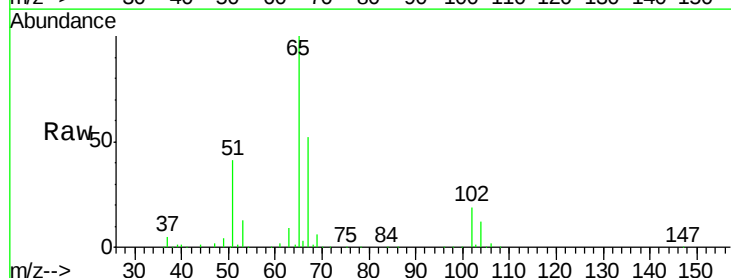
Instrument :
MSVOA_W
ClientSampleId :
HJDC-GRAB-1

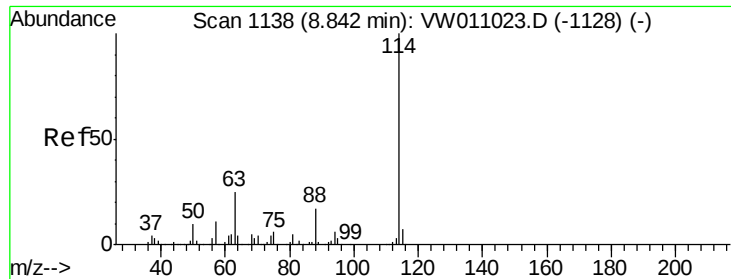
Tot Ion: 84 Resp: 13761
Ion Ratio Lower Upper
84 100
49 145.6 119.6 179.4
51 43.0 35.6 53.4
86 55.5 49.0 73.6



#33
1,2-Dichloroethane-d4
Concen: 50.076 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

Tgt Ion: 65 Resp: 123408
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4

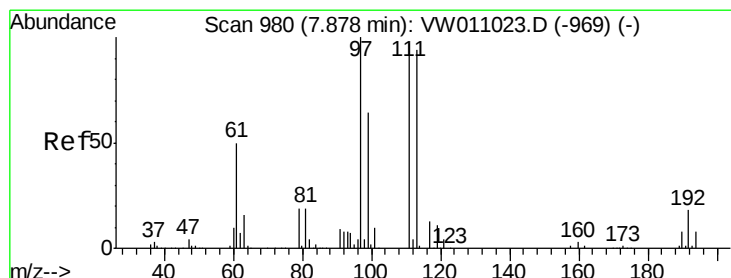
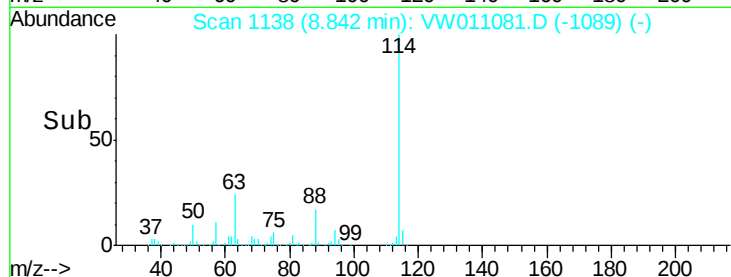
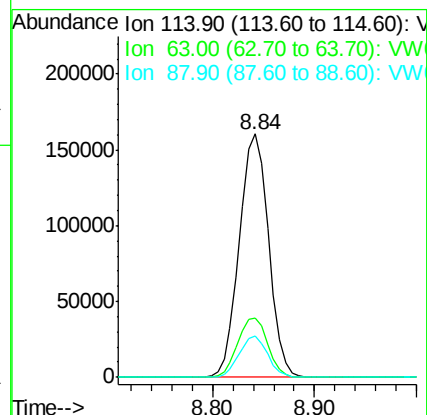
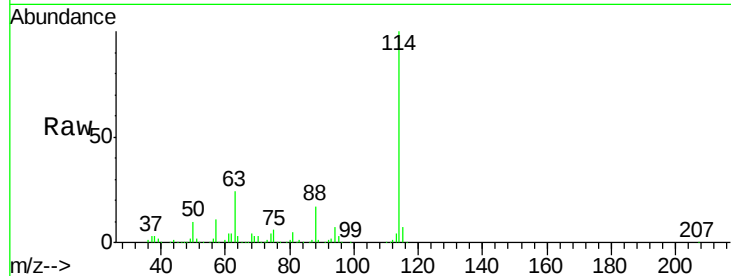




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011081.D
 Acq: 01 Jul 2019 13:35

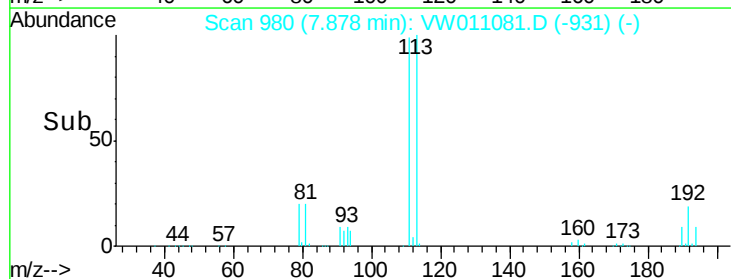
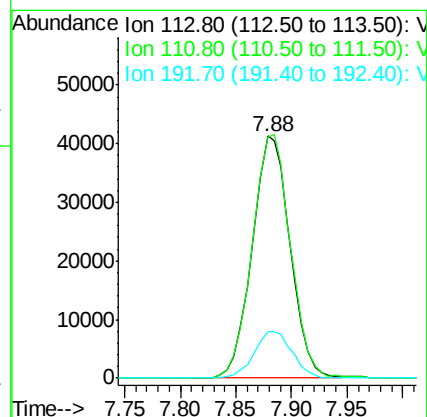
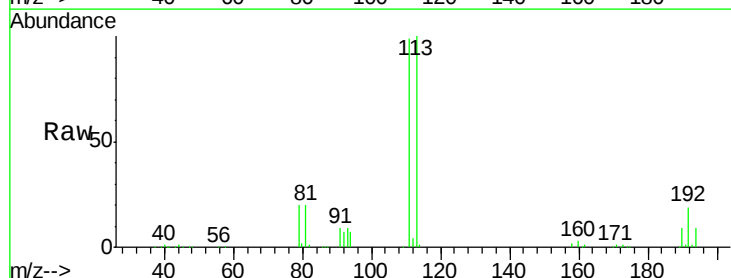
Instrument :
 MSVOA_W
 ClientSampleId :
 HJDC-GRAB-1

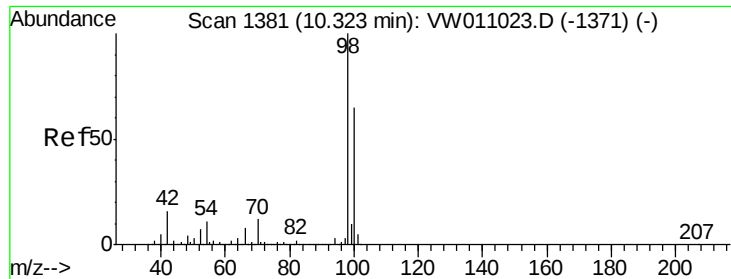
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	50.6
88	16.9	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 50.052 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011081.D
 Acq: 01 Jul 2019 13:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	19.5	16.0	24.0





#50

Toluene-d8

Concen: 47.963 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

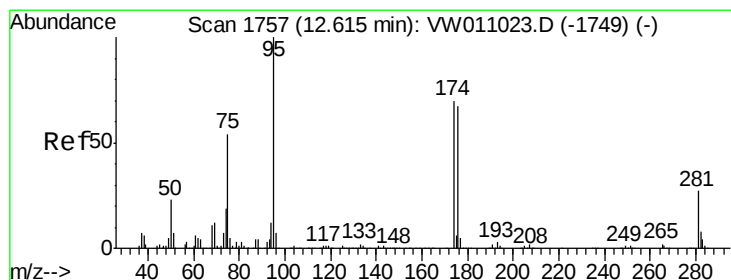
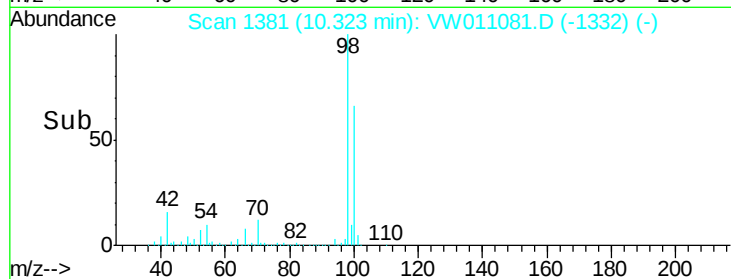
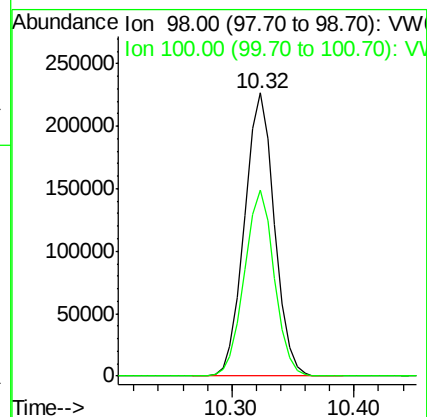
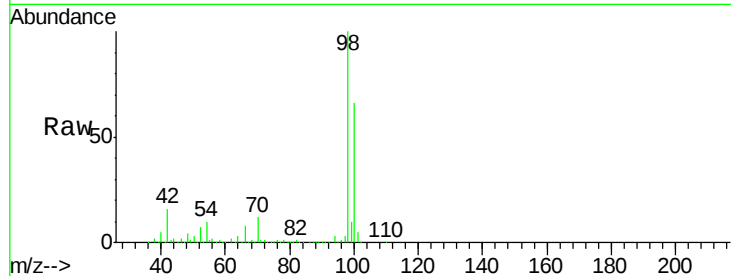
HJDC-GRAB-1

Tot Ion: 98 Resp: 385127

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.329 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

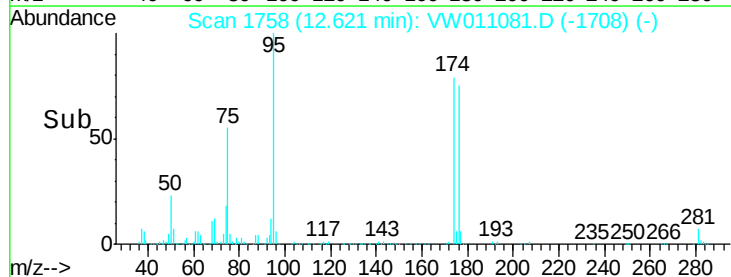
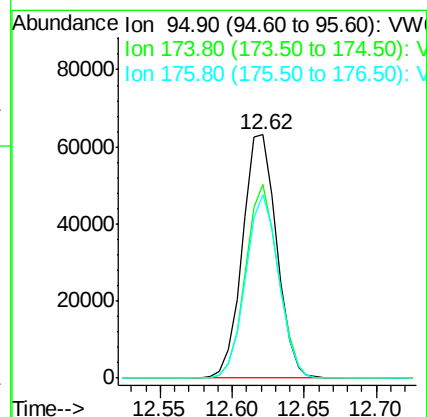
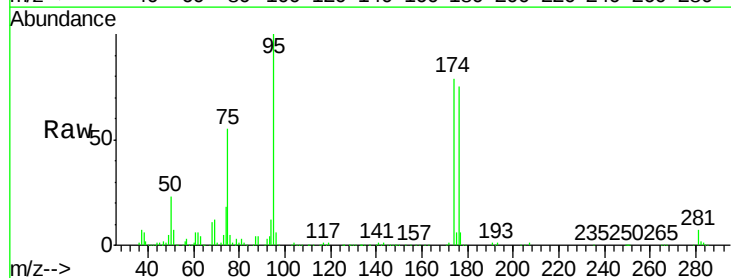
Tgt Ion: 95 Resp: 103756

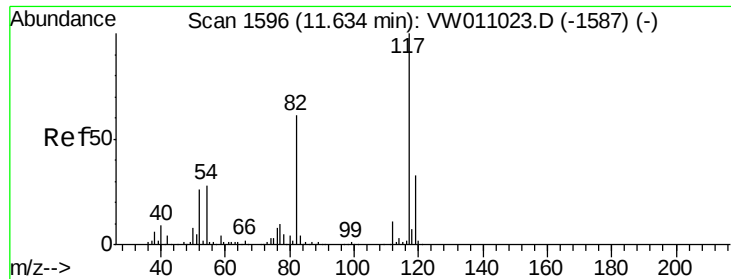
Ion Ratio Lower Upper

95 100

174 75.8 0.0 149.2

176 73.0 0.0 143.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

HJDC-GRAB-1

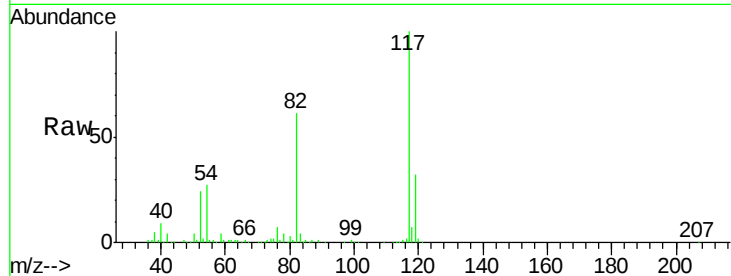
Tot Ion:117 Resp: 243768

Ion Ratio Lower Upper

117 100

82 61.2 48.6 73.0

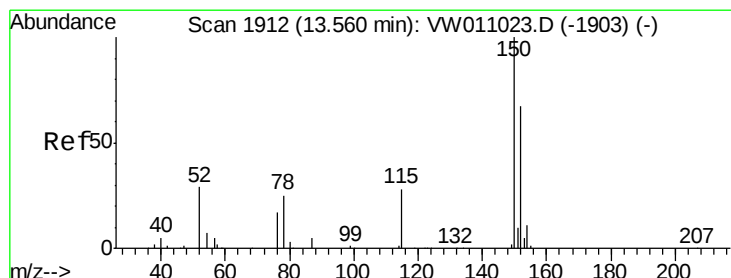
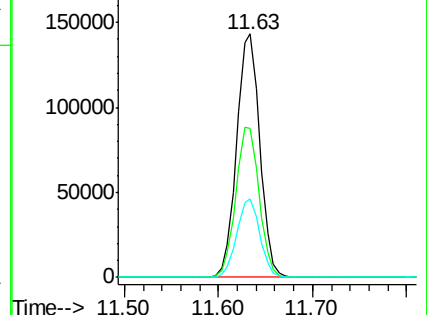
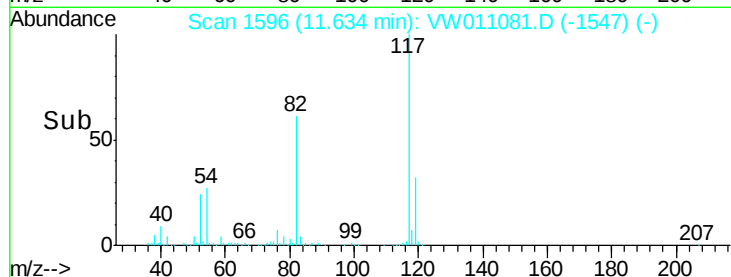
119 32.4 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

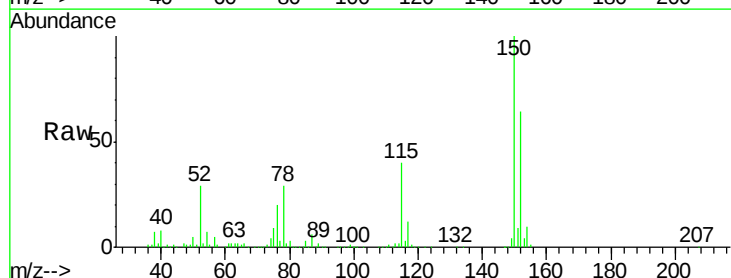
Tgt Ion:152 Resp: 77159

Ion Ratio Lower Upper

152 100

115 61.7 30.7 92.1

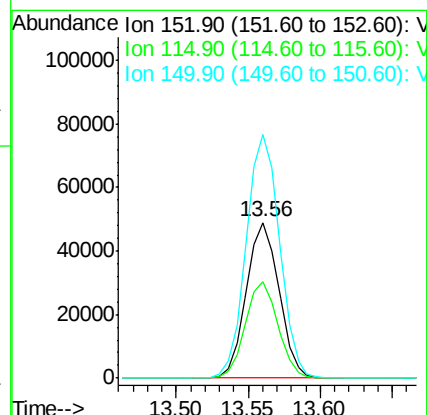
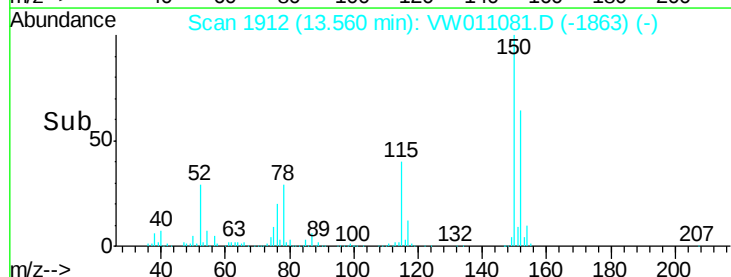
150 159.4 0.0 341.8

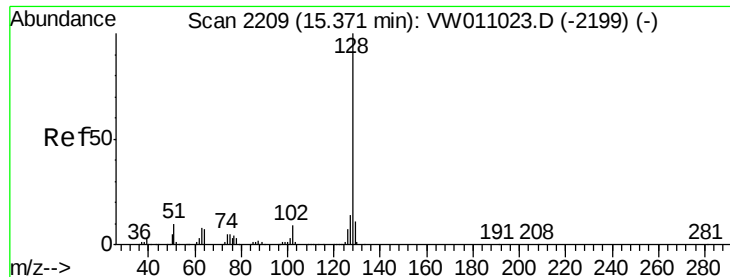


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.173 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

HJDC-GRAB-1

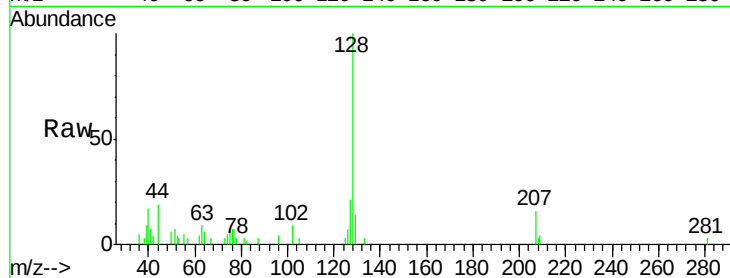
Tot Ion:128 Resp: 3498

Ion Ratio Lower Upper

128 100

127 16.2 10.7 16.1#

129 13.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

