

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011212.D
 Acq On : 11 Jul 2019 01:51
 Operator : SY/VA
 Sample : K3740-01
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-22

Quant Time: Jul 11 08:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

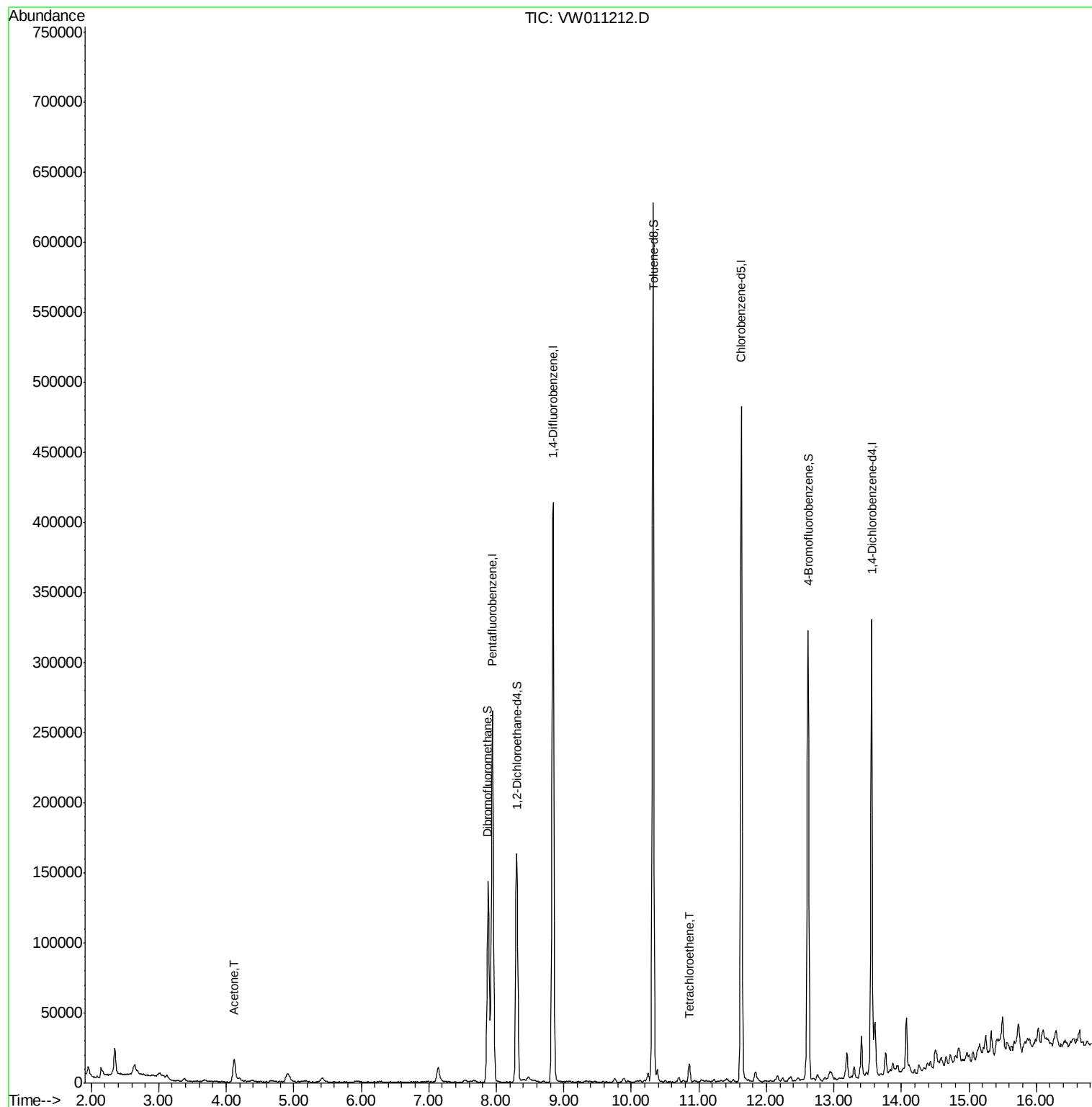
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131458	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	7.88	113	100180	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.32	98	392278	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	107522	37.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.22%	
Target Compounds						
16) Acetone	4.12	43	29927	52.064	ug/l	96
64) Tetrachloroethene	10.86	164	2948	1.765	ug/l	91

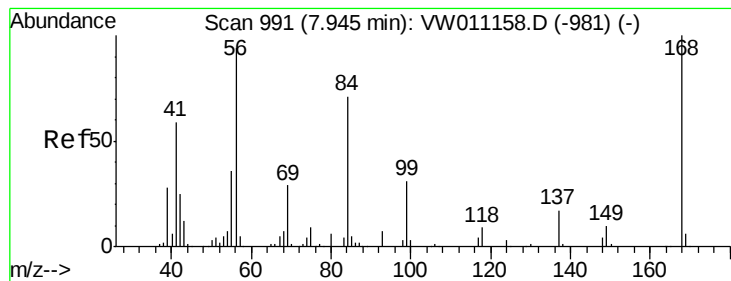
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011212.D

Acq: 11 Jul 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

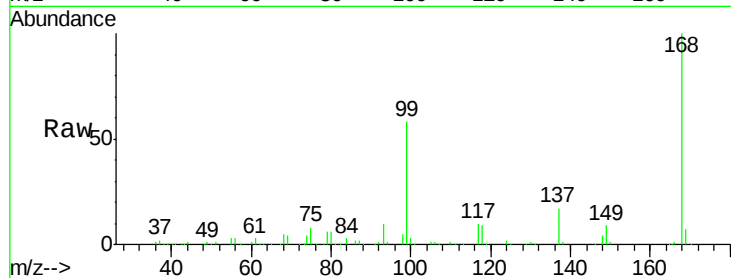
VOC-22

Tot Ion:168 Resp: 190122

Ion Ratio Lower Upper

168 100

99 58.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

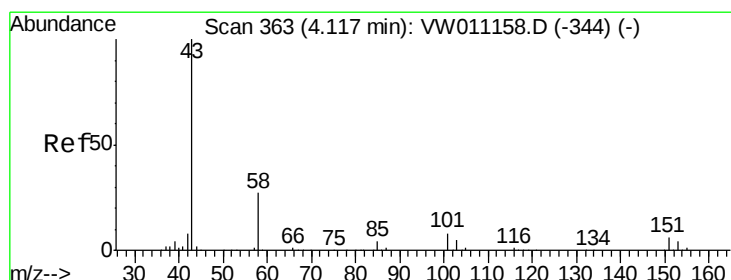
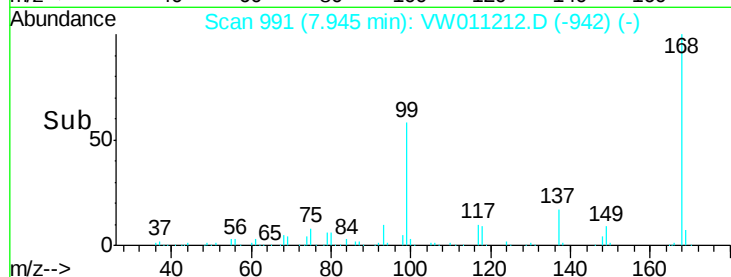
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 52.064 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011212.D

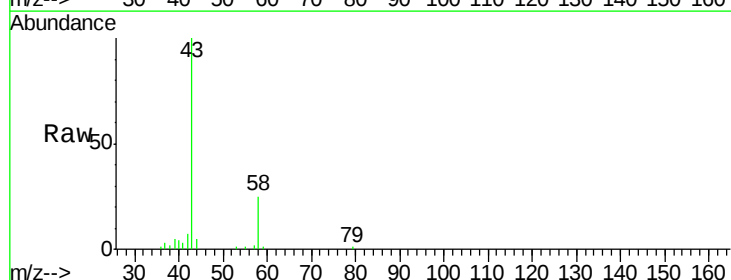
Acq: 11 Jul 2019 01:51

Tgt Ion: 43 Resp: 29927

Ion Ratio Lower Upper

43 100

58 25.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

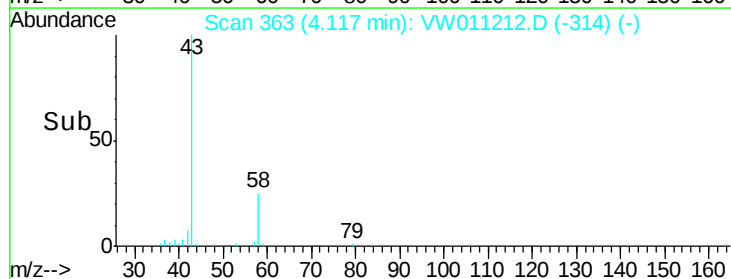
6000

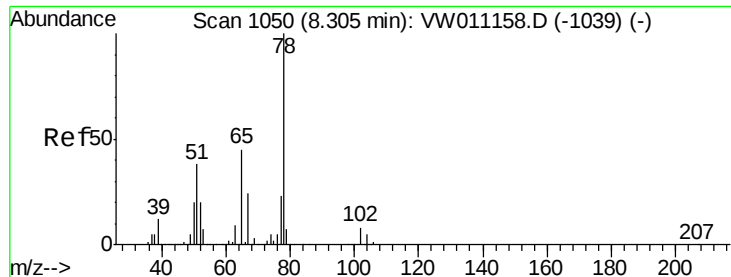
4000

2000

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 55.027 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011212.D

Acq: 11 Jul 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

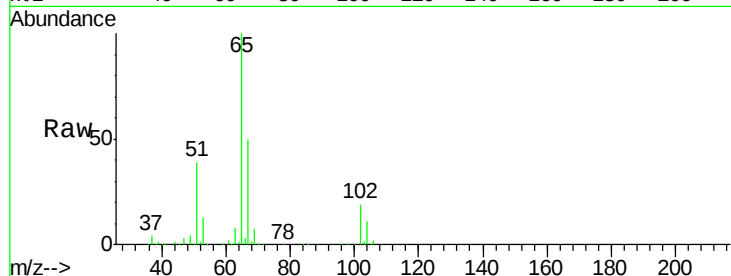
VOC-22

Tot Ion: 65 Resp: 131458

Ion Ratio Lower Upper

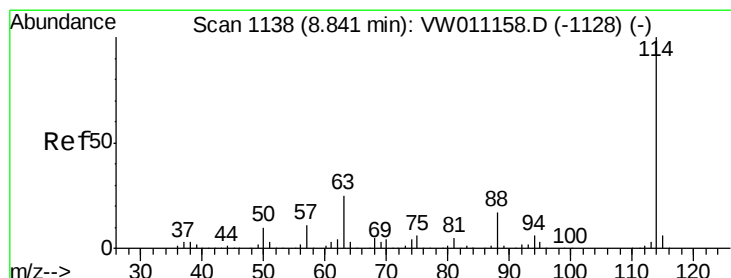
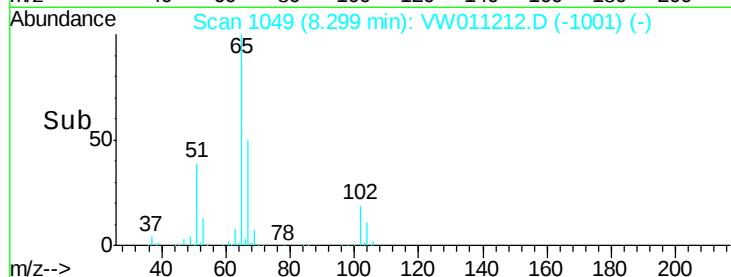
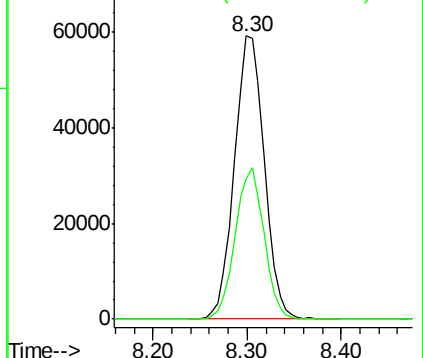
65 100

67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011212.D

Acq: 11 Jul 2019 01:51

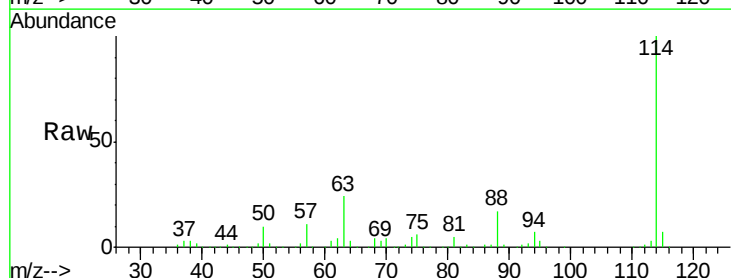
Tgt Ion: 114 Resp: 328095

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

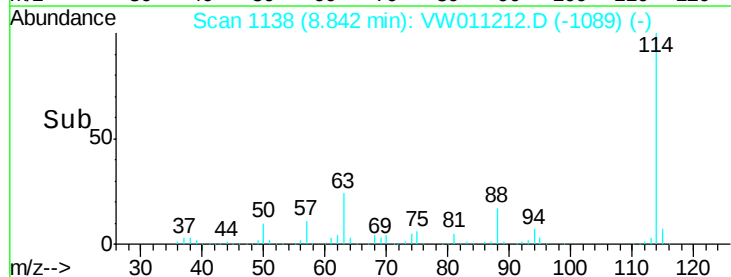
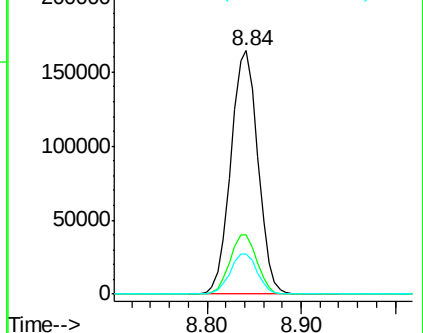
88 16.7 0.0 34.2

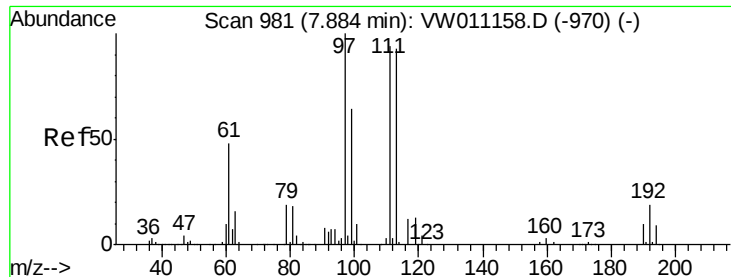


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

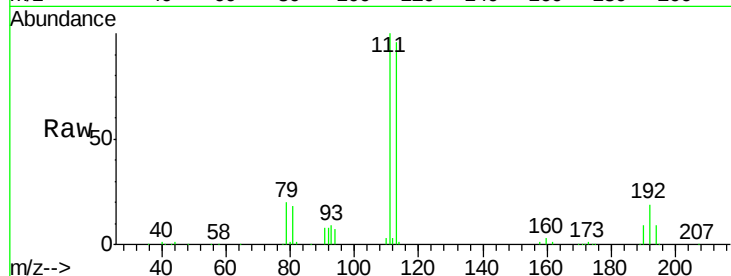




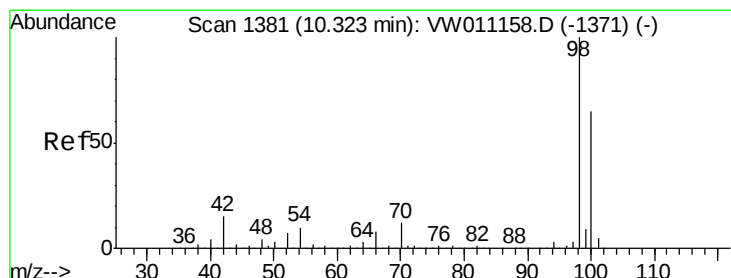
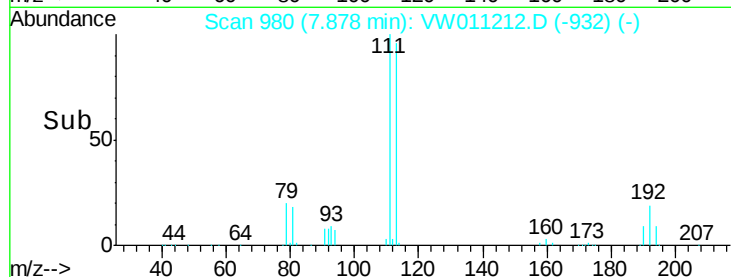
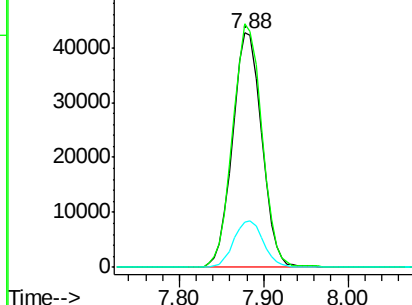
#35
 Dibromofluoromethane
 Concen: 51.227 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011212.D
 Acq: 11 Jul 2019 01:51

Instrument :
 MSVOA_W
 ClientSampled :
 VOC-22

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	20.1	15.8	23.8

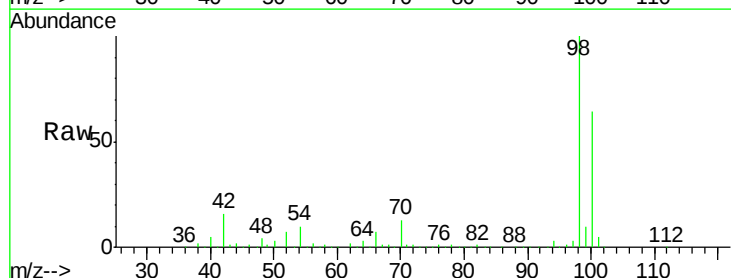


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

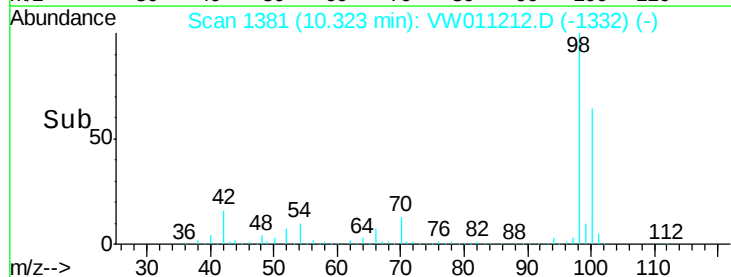
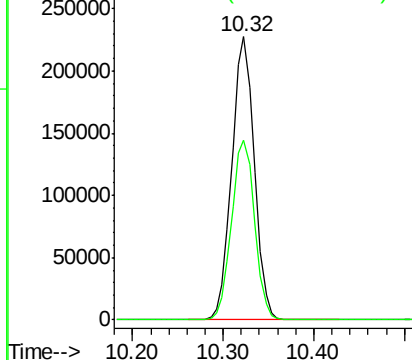


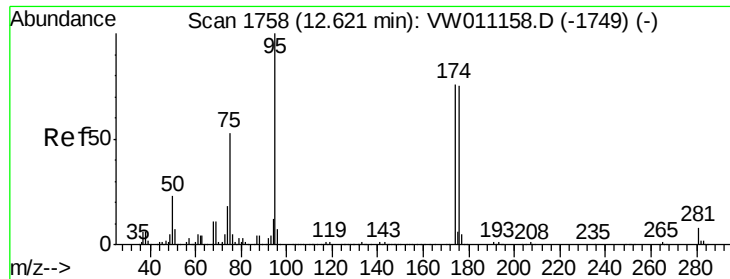
#50
 Toluene-d8
 Concen: 49.625 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011212.D
 Acq: 11 Jul 2019 01:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6



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

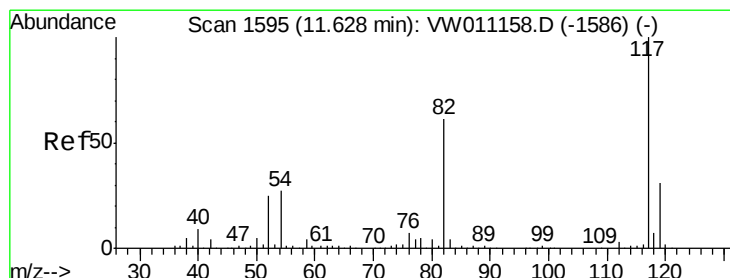
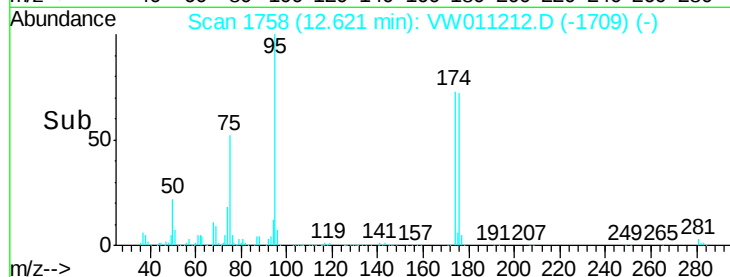
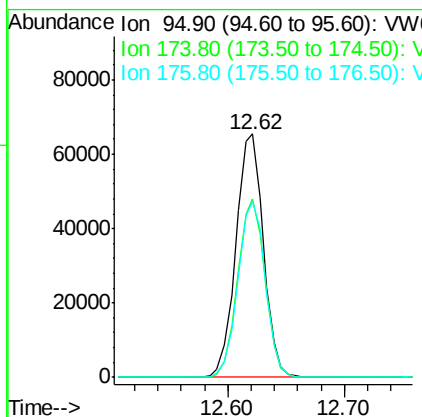
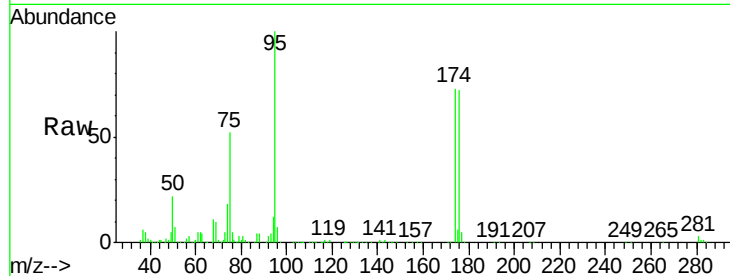




#62
4-Bromofluorobenzene
Concen: 37.110 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011212.D
Acq: 11 Jul 2019 01:51

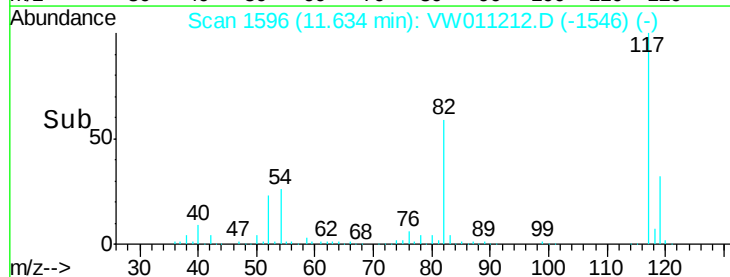
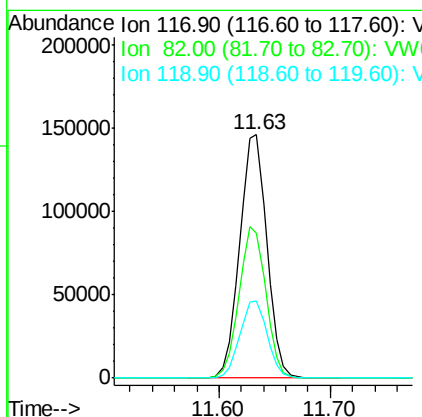
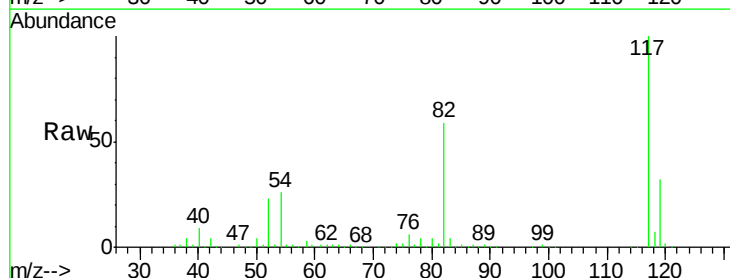
Instrument :
MSVOA_W
ClientSampled :
VOC-22

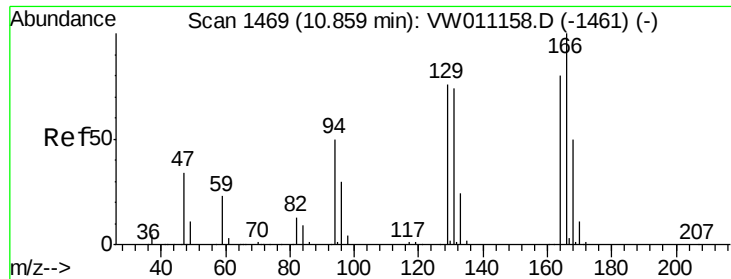
Tot Ion: 95 Resp: 107522
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.6
176 72.0 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011212.D
Acq: 11 Jul 2019 01:51

Tgt Ion: 117 Resp: 247520
Ion Ratio Lower Upper
117 100
82 59.4 48.9 73.3
119 31.6 25.0 37.6





#64

Tetrachloroethene

Concen: 1.765 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW011212.D

Acq: 11 Jul 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VOC-22

Tot Ion:164 Resp: 2948

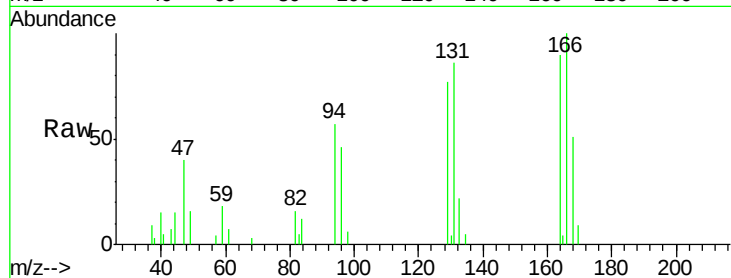
Ion Ratio Lower Upper

164 100

166 111.1 99.7 149.5

129 86.0 76.2 114.2

131 95.8 74.0 111.0

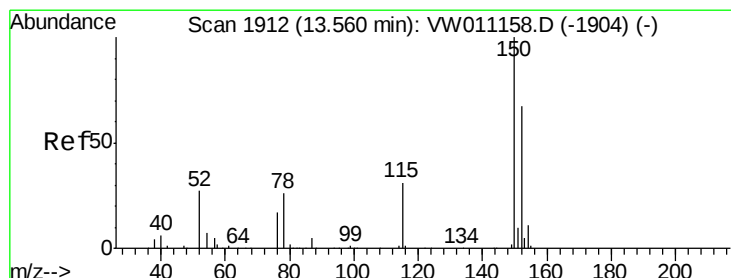
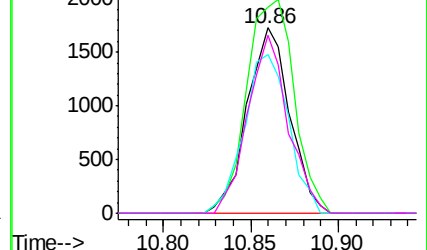
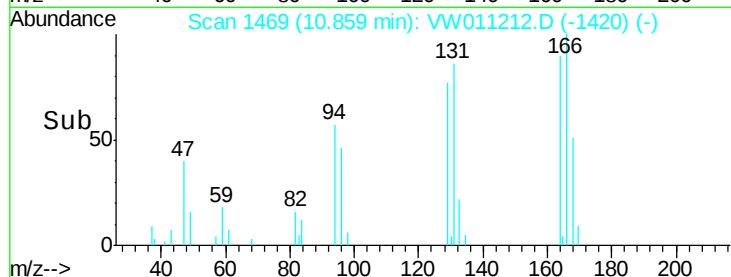


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011212.D

Acq: 11 Jul 2019 01:51

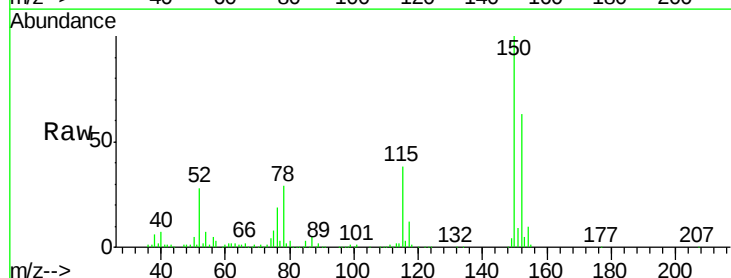
Tgt Ion:152 Resp: 77234

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 157.7 0.0 346.0



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

