

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013216.D
 Acq On : 21 Sep 2019 06:31
 Operator : SY/VA
 Sample : K4955-01
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

Quant Time: Sep 23 01:06:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

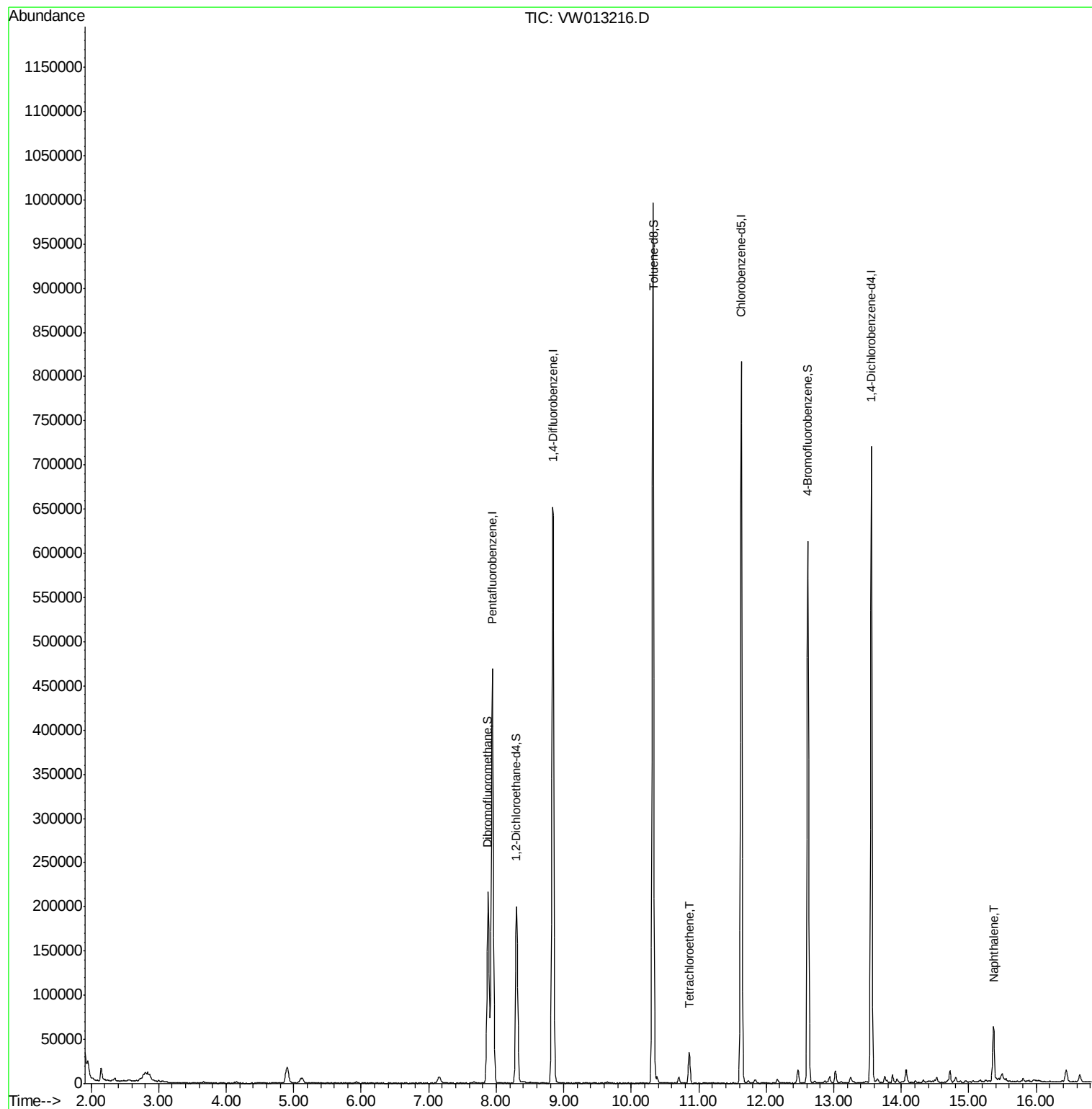
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	393779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	588554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	482600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	204559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159938	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	7.88	113	158523	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.32	98	674165	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.62	95	204145	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
Target Compounds						
64) Tetrachloroethene	10.86	164	8575	2.342	ug/l	94
95) Naphthalene	15.36	128	54809	7.844	ug/l	99

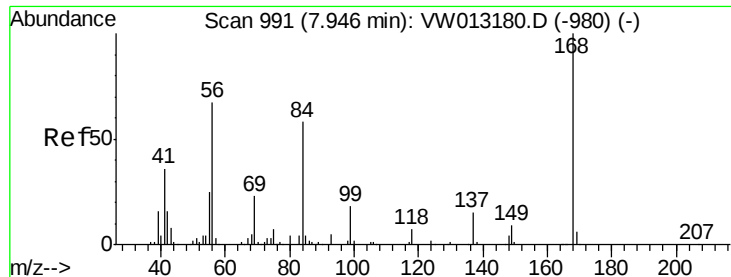
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013216.D
Acq On : 21 Sep 2019 06:31
Operator : SY/VA
Sample : K4955-01
Misc : 4.41G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

Quant Time: Sep 23 01:06:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013216.D

Acq: 21 Sep 2019 06:31

Instrument :

MSVOA_W

ClientSampleId :

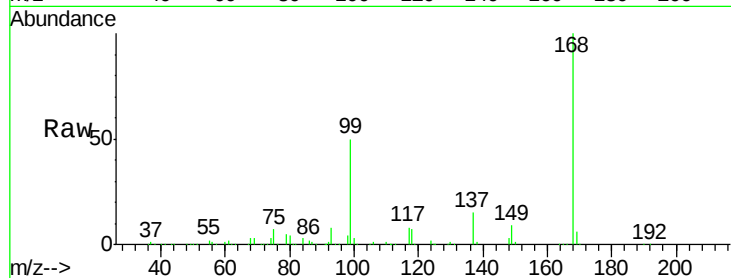
ROLL-OFF-SOIL

Tot Ion:168 Resp: 393779

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

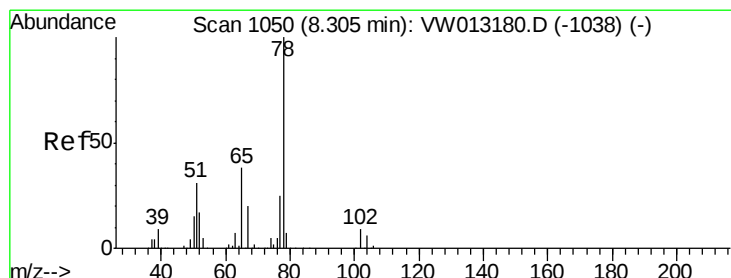
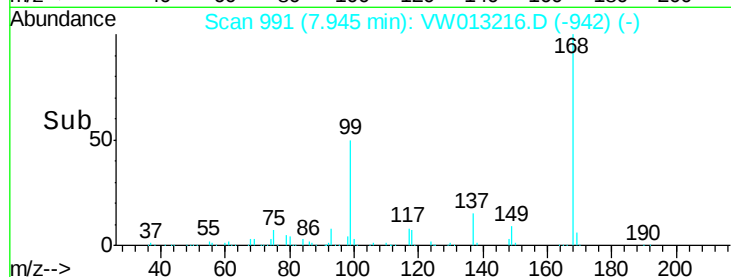
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 49.766 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013216.D

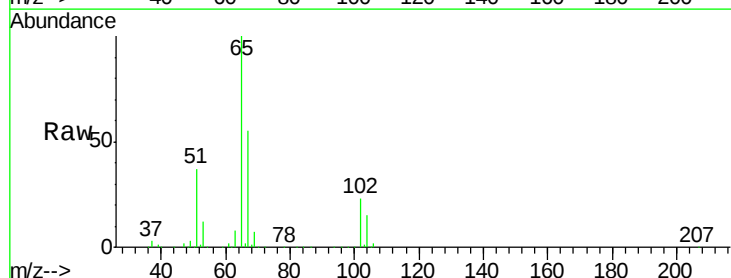
Acq: 21 Sep 2019 06:31

Tgt Ion: 65 Resp: 159938

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

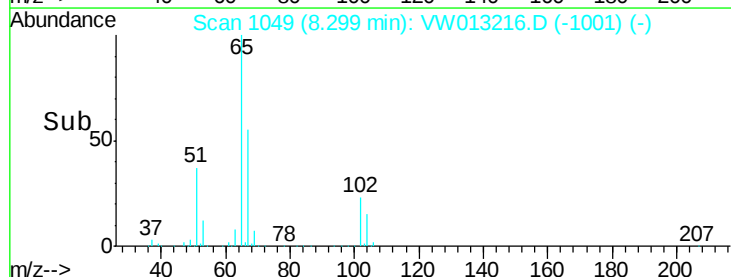
60000

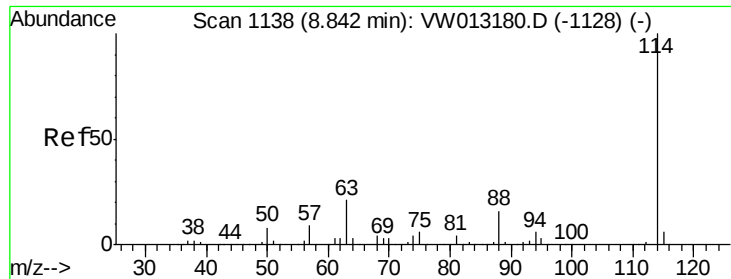
40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40

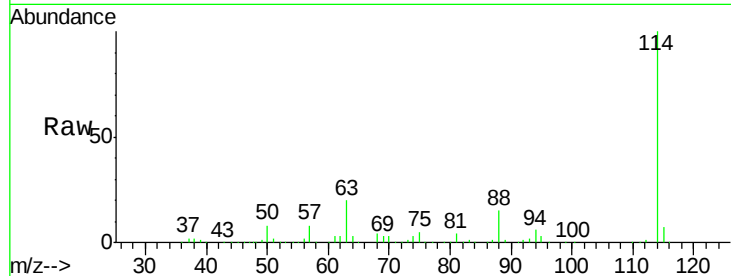




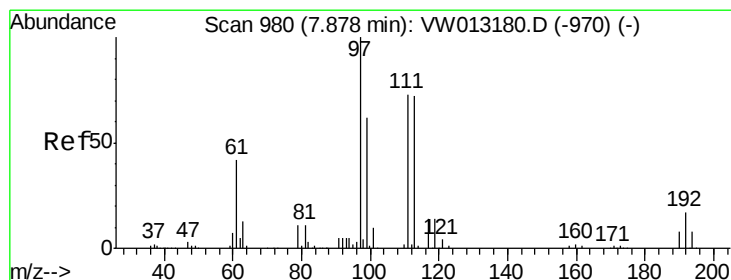
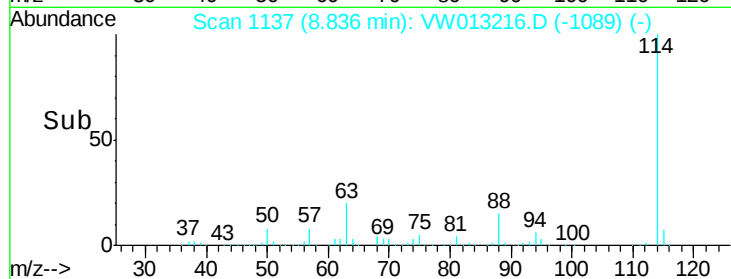
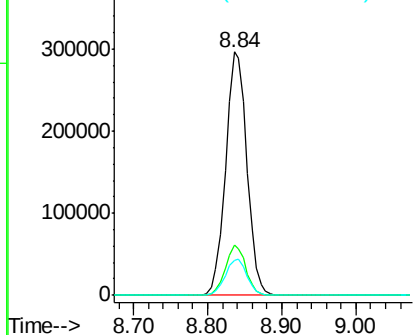
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013216.D
 Acq: 21 Sep 2019 06:31

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

Tot Ion:114 Resp: 588554
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 14.6 0.0 32.0

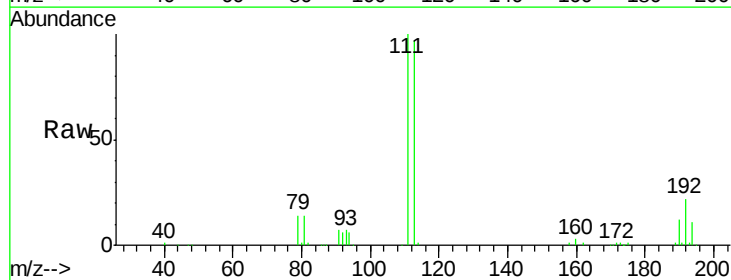


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

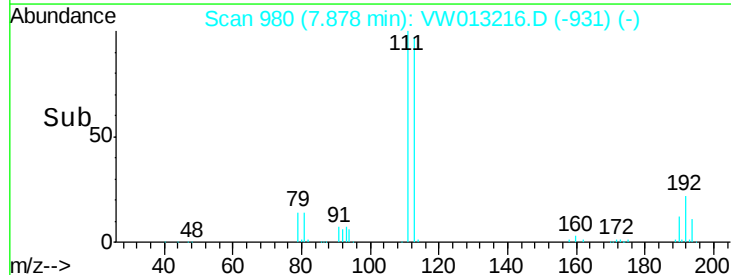
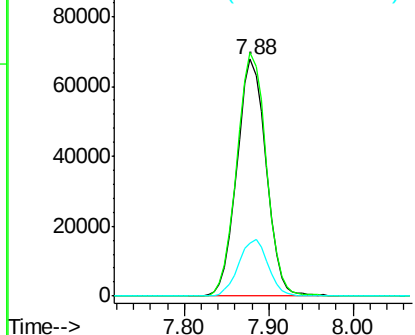


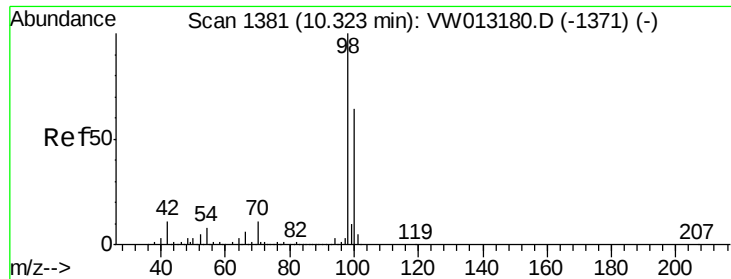
#35
 Dibromofluoromethane
 Concen: 48.971 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013216.D
 Acq: 21 Sep 2019 06:31

Tgt Ion:113 Resp: 158523
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 24.0 19.1 28.7



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: 49.763 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013216.D

Acq: 21 Sep 2019 06:31

Instrument :

MSVOA_W

ClientSampleId :

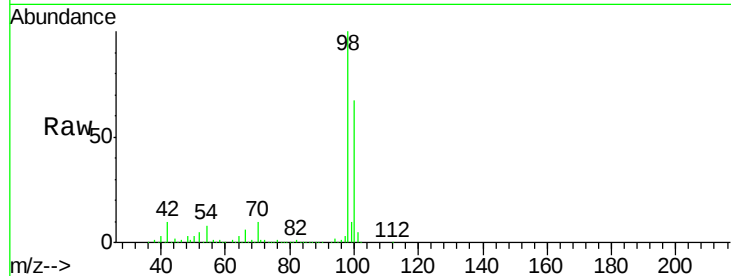
ROLL-OFF-SOIL

Tot Ion: 98 Resp: 674165

Ion Ratio Lower Upper

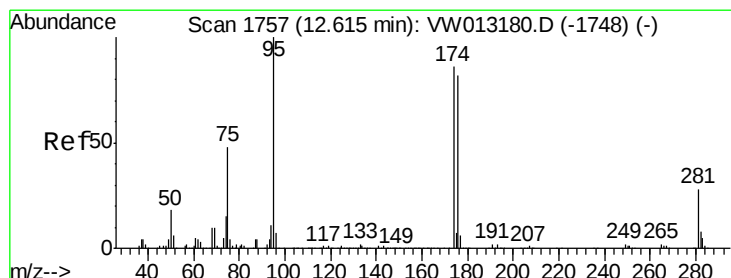
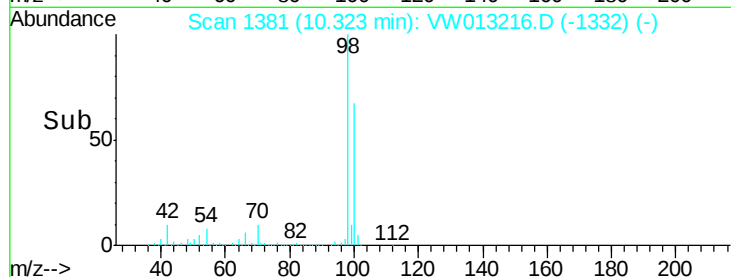
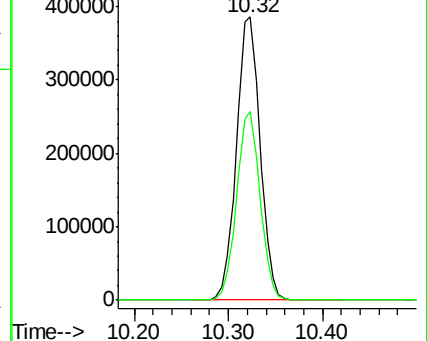
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.114 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013216.D

Acq: 21 Sep 2019 06:31

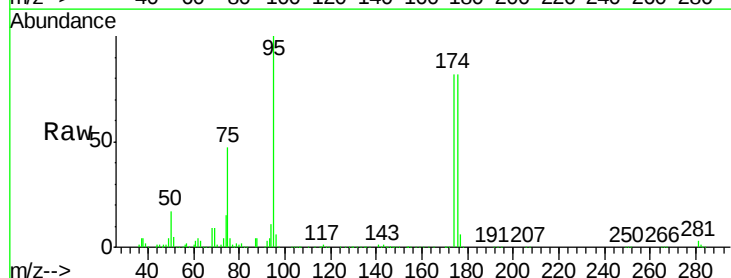
Tgt Ion: 95 Resp: 204145

Ion Ratio Lower Upper

95 100

174 88.1 0.0 178.4

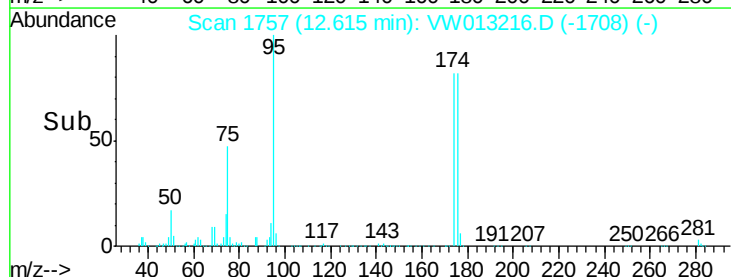
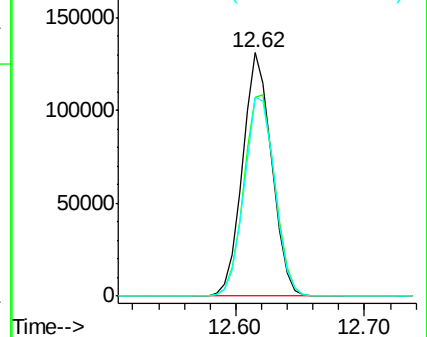
176 85.5 0.0 172.2

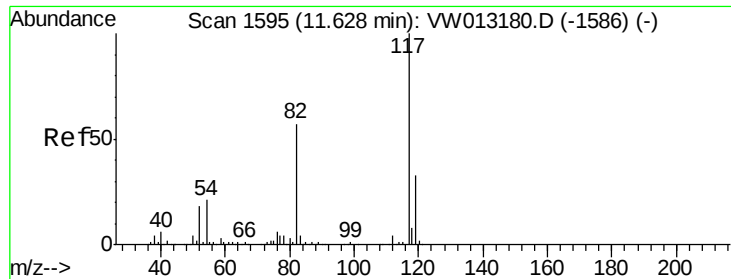


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

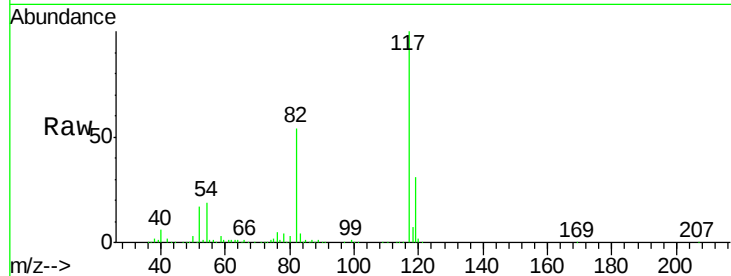




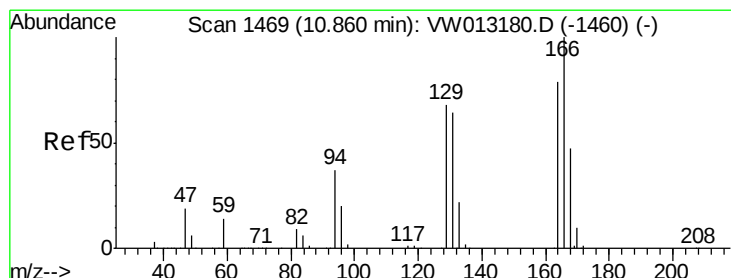
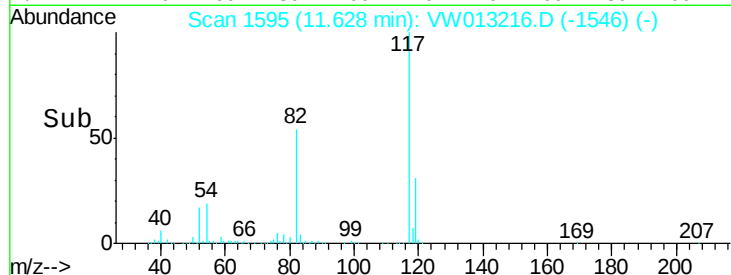
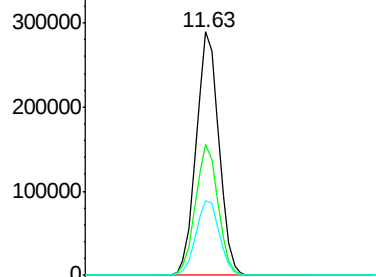
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013216.D
Acq: 21 Sep 2019 06:31

Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

Tot Ion:117 Resp: 482600
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 30.9 26.2 39.2

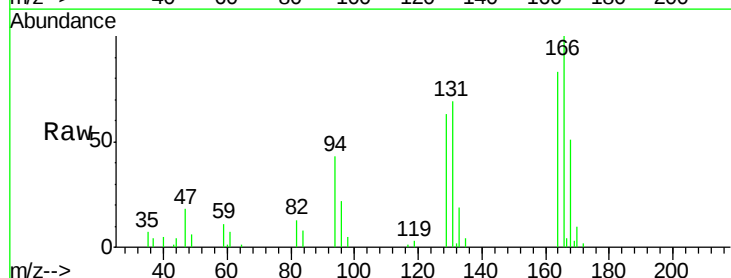


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

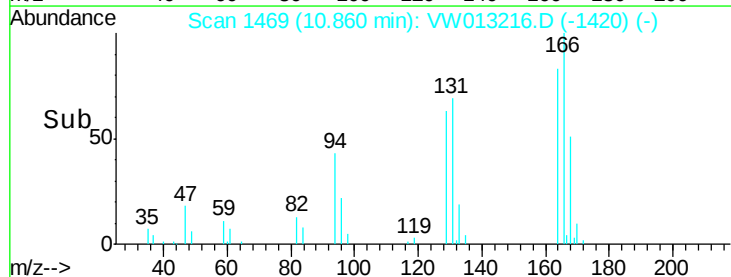
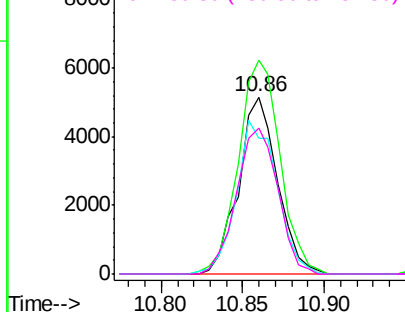


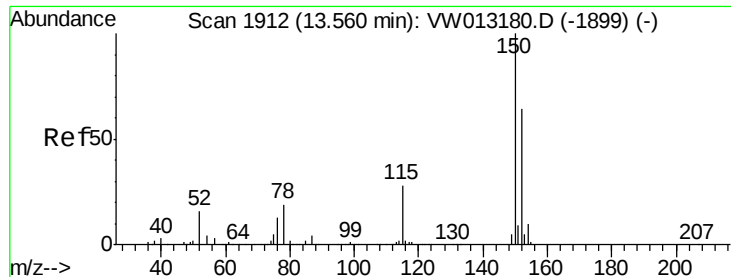
#64
Tetrachloroethene
Concen: 2.342 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013216.D
Acq: 21 Sep 2019 06:31

Tgt Ion:164 Resp: 8575
Ion Ratio Lower Upper
164 100
166 120.5 101.2 151.8
129 76.5 68.8 103.2
131 82.6 65.2 97.8



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



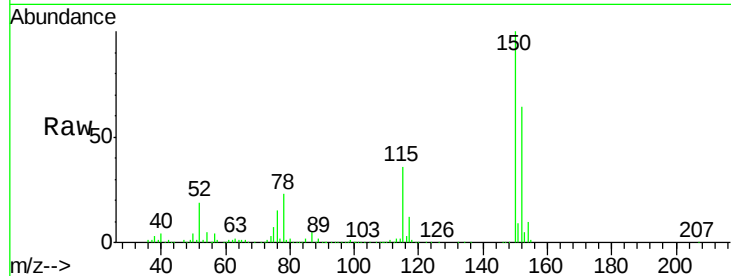


#72

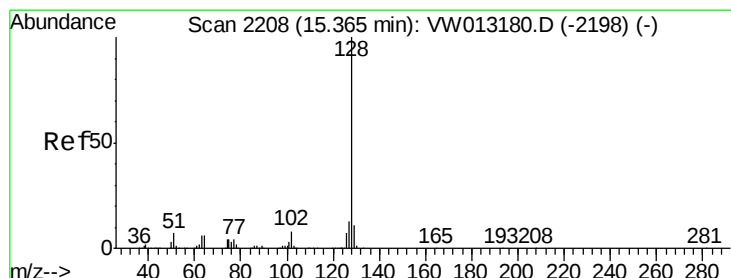
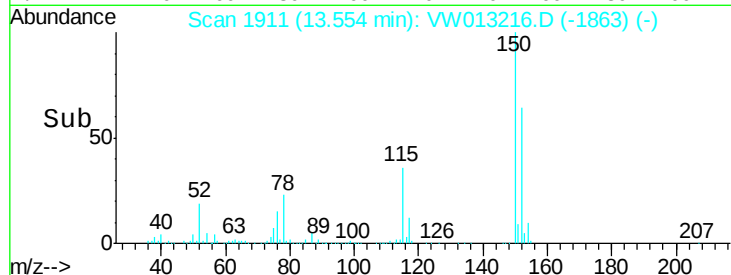
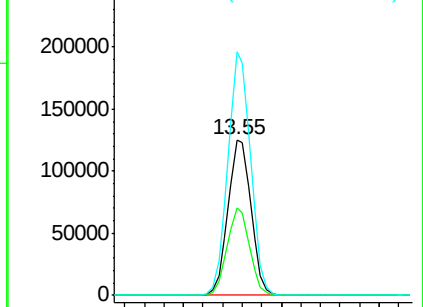
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013216.D
Acq: 21 Sep 2019 06:31

Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

Tot Ion:152 Resp: 204559
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 153.9 0.0 349.0



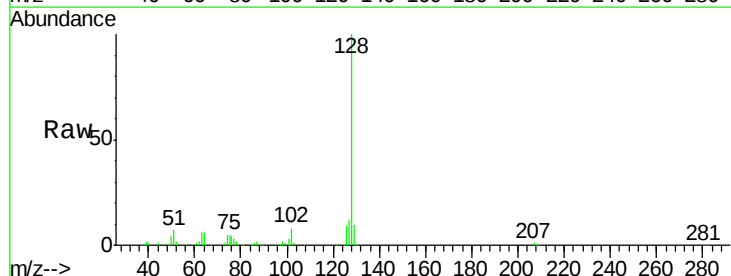
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 7.844 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013216.D
Acq: 21 Sep 2019 06:31

Tgt Ion:128 Resp: 54809
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.6 8.7 13.1



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

