

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
 Data File : VW012820.D
 Acq On : 09 Sep 2019 14:41
 Operator : SY/VA
 Sample : K4762-06
 Misc : 5.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STOCK-PILE

Quant Time: Nov 19 03:21:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

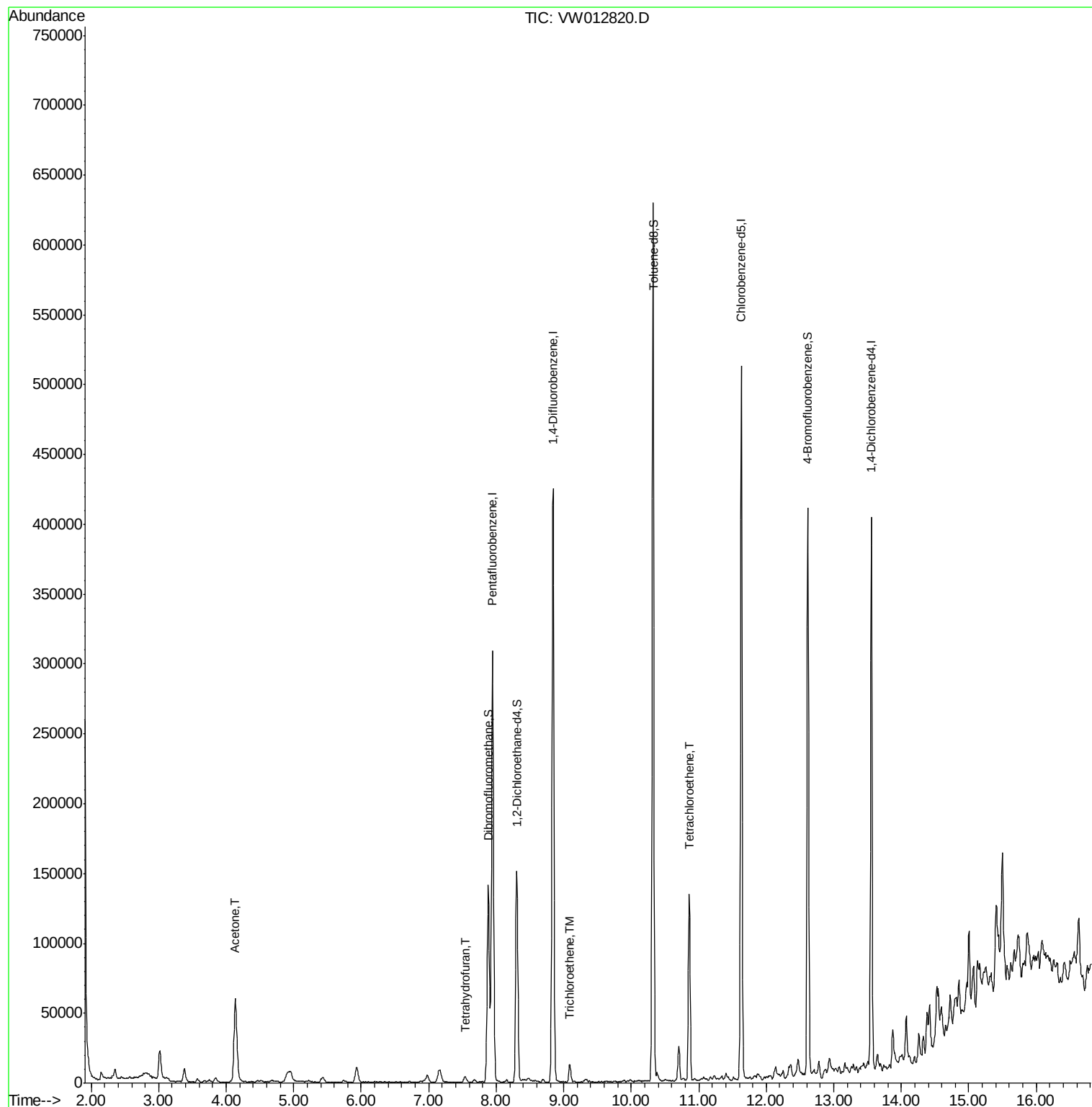
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	104705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123283	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
35) Dibromofluoromethane	7.88	113	101777	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.32	98	416505	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	122035	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.12%	
Target Compounds						
16) Acetone	4.14	43	122158	170.413	ug/l	99
29) Tetrahydrofuran	7.54	42	3823	6.604	ug/l	97
44) Trichloroethene	9.09	130	4405	1.972	ug/l	98
64) Tetrachloroethene	10.86	164	31109	18.273	ug/l	97

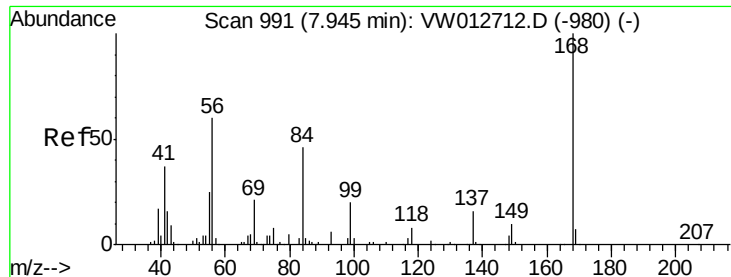
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012820.D

Acq: 09 Sep 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

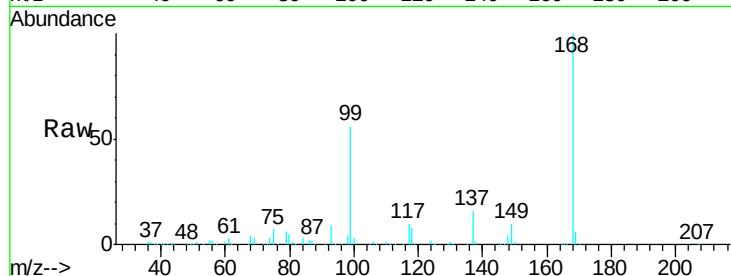
STOCK-PILE

Tgt Ion:168 Resp: 235331

Ion Ratio Lower Upper

168 100

99 56.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

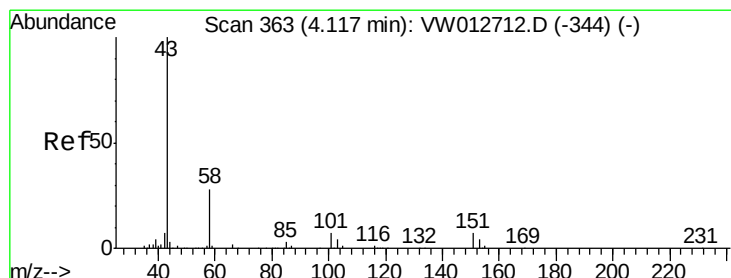
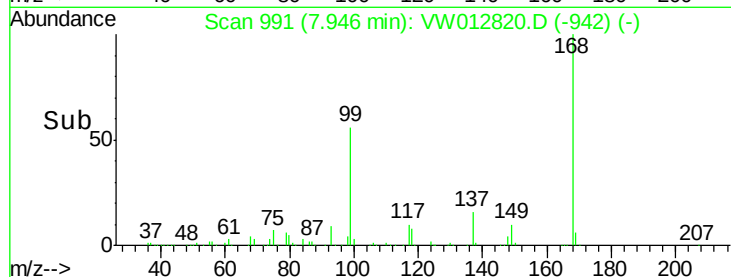
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 170.413 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012820.D

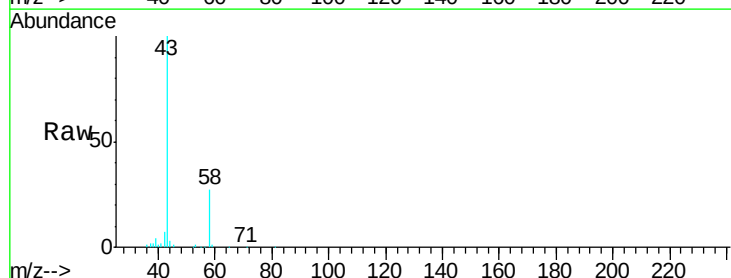
Acq: 09 Sep 2019 14:41

Tgt Ion: 43 Resp: 122158

Ion Ratio Lower Upper

43 100

58 27.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

40000

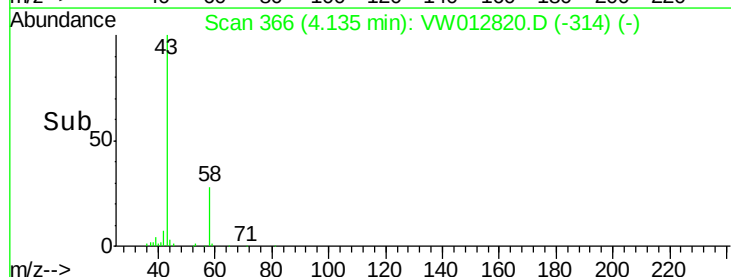
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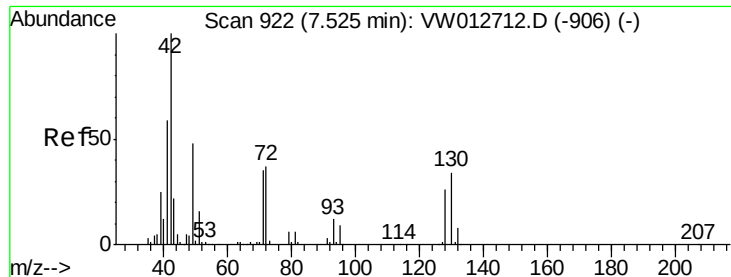
20000

10000

0

Time-->

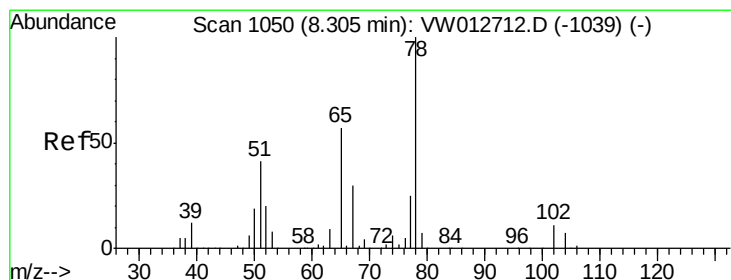
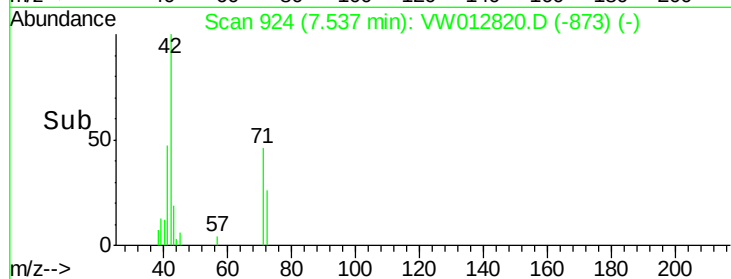
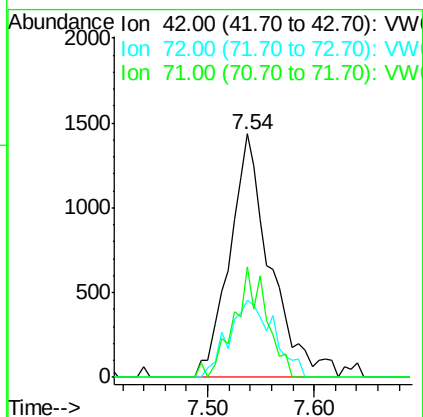
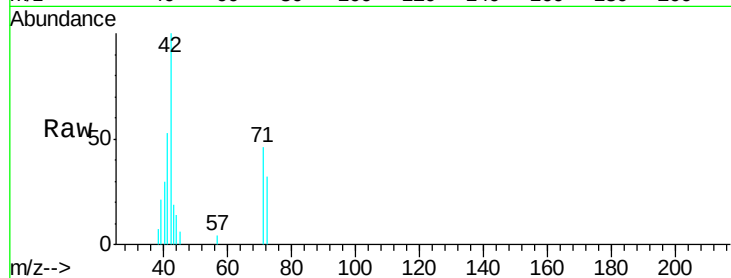




#29
 Tetrahydrofuran
 Concen: 6.604 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW012820.D
 Acq: 09 Sep 2019 14:41

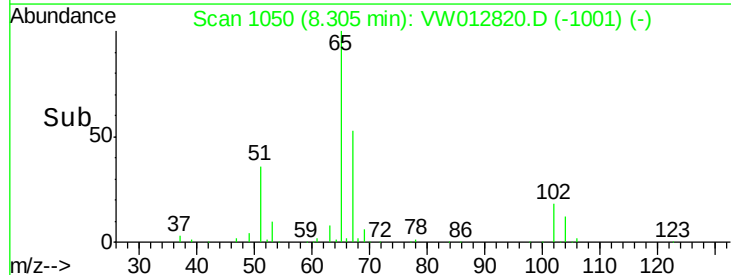
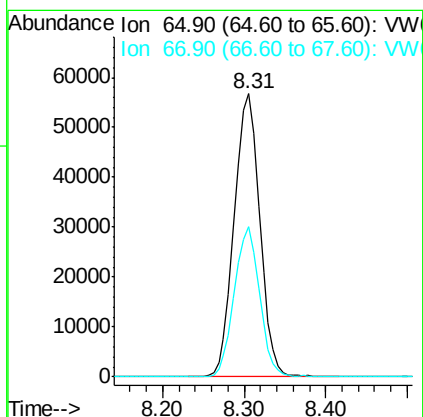
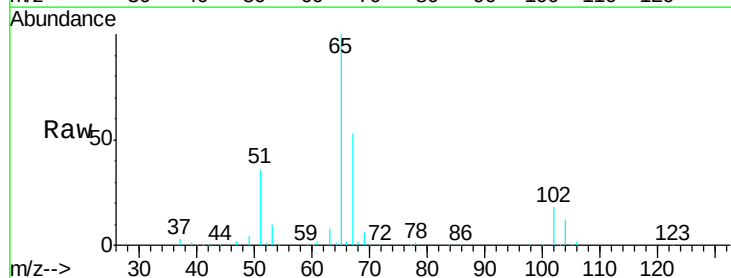
Instrument :
 MSVOA_W
 ClientSampleId :
 STOCK-PILE

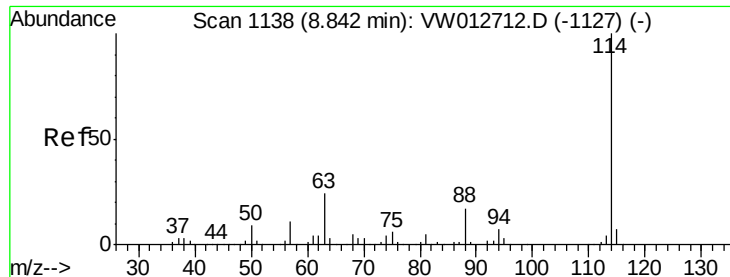
Tgt Ion: 42 Resp: 3823
 Ion Ratio Lower Upper
 42 100
 72 35.3 28.4 42.6
 71 36.8 27.1 40.7



#33
 1,2-Dichloroethane-d4
 Concen: 46.886 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012820.D
 Acq: 09 Sep 2019 14:41

Tgt Ion: 65 Resp: 123283
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8

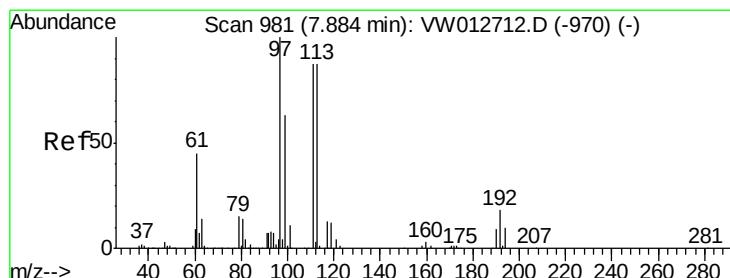
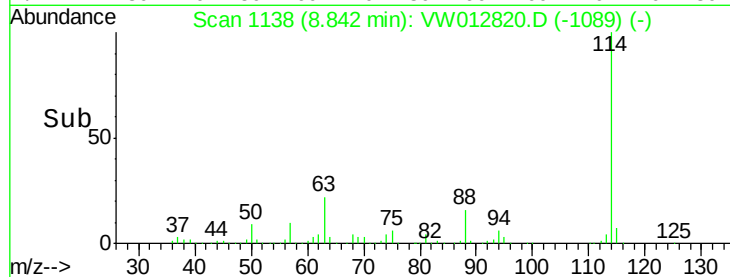
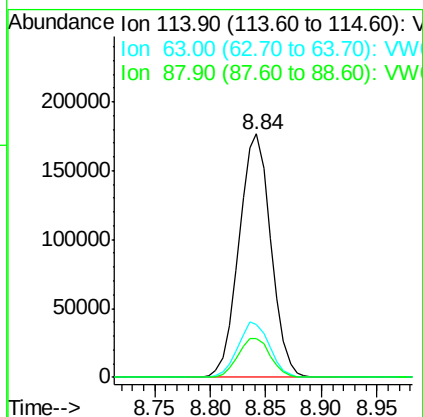
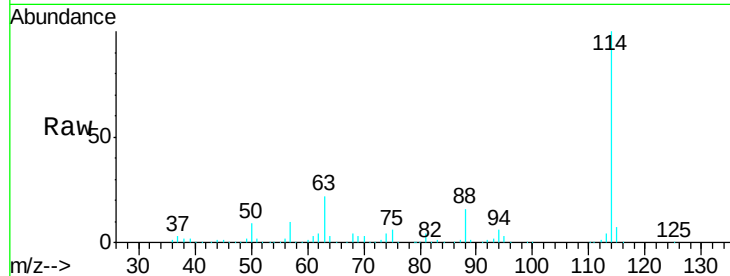




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012820.D
 Acq: 09 Sep 2019 14:41

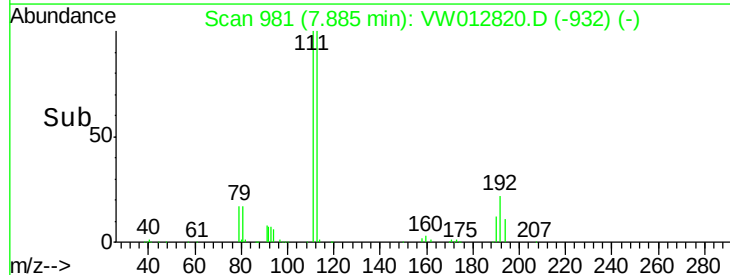
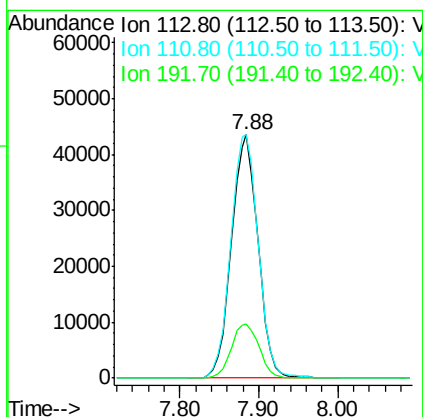
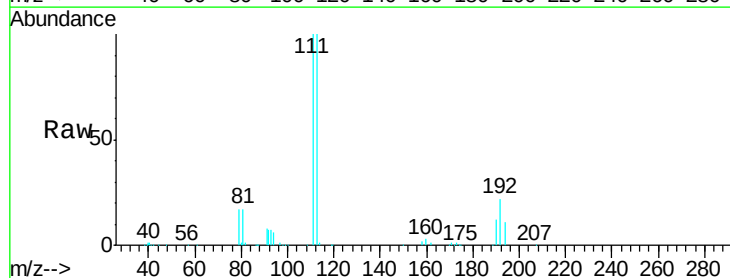
Instrument :
 MSVOA_W
 ClientSampleId :
 STOCK-PILE

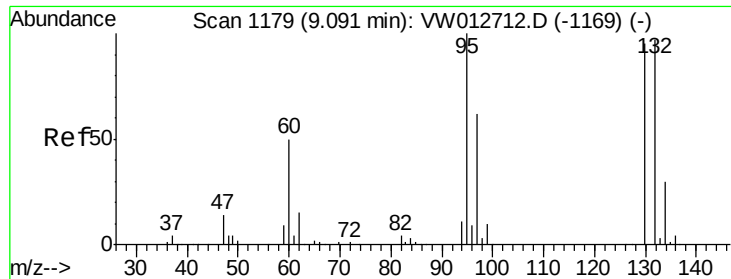
Tgt Ion:114 Resp: 351472
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 47.2
 88 15.9 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 48.706 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012820.D
 Acq: 09 Sep 2019 14:41

Tgt Ion:113 Resp: 101777
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.2 120.4
 192 23.1 17.3 25.9





#44

Trichloroethene

Concen: 1.972 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012820.D

Acq: 09 Sep 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

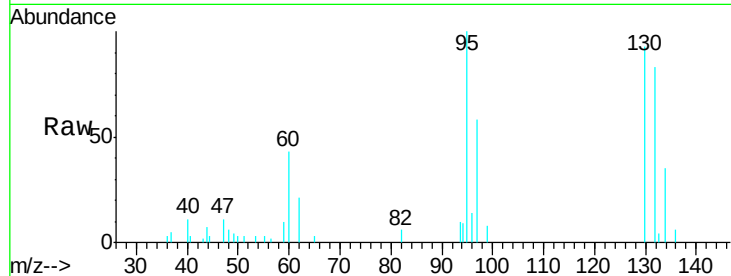
STOCK-PILE

Tgt Ion:130 Resp: 4405

Ion Ratio Lower Upper

130 100

95 107.6 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.09

2000

1500

1000

500

0

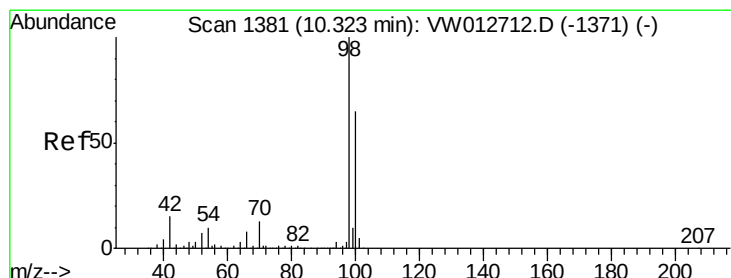
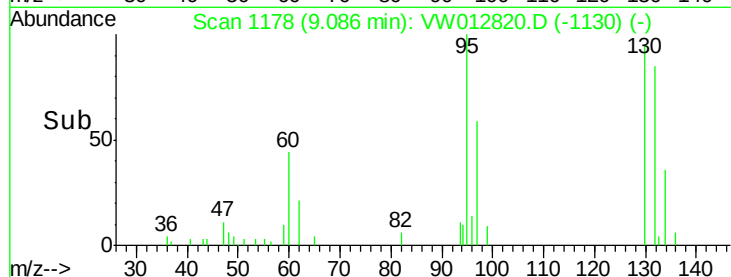
9.00

9.05

9.10

9.15

Time-->



#50

Toluene-d8

Concen: 50.877 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012820.D

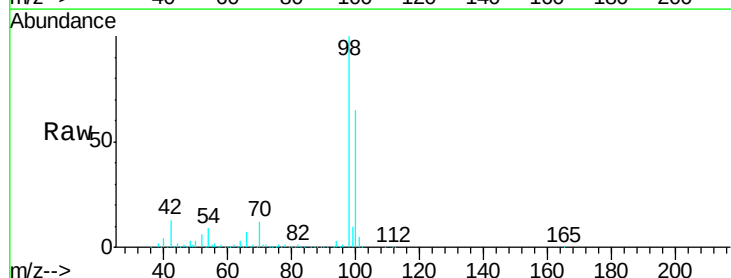
Acq: 09 Sep 2019 14:41

Tgt Ion: 98 Resp: 416505

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

150000

100000

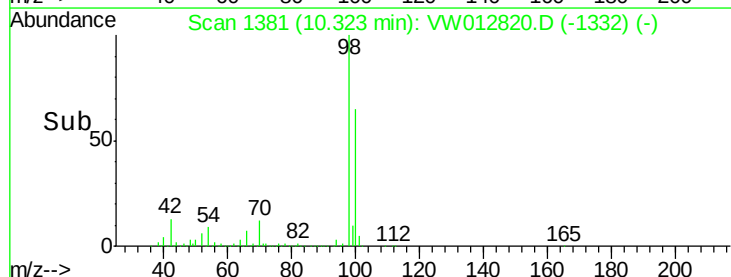
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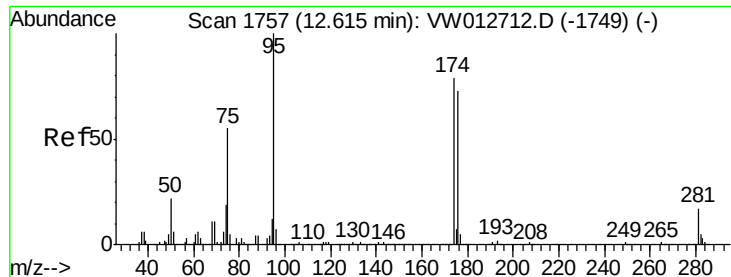
0

10.30

10.40

Time-->

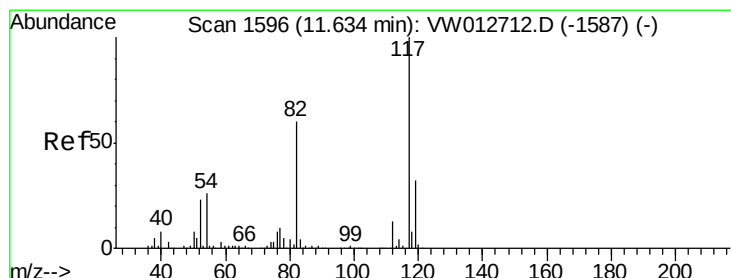
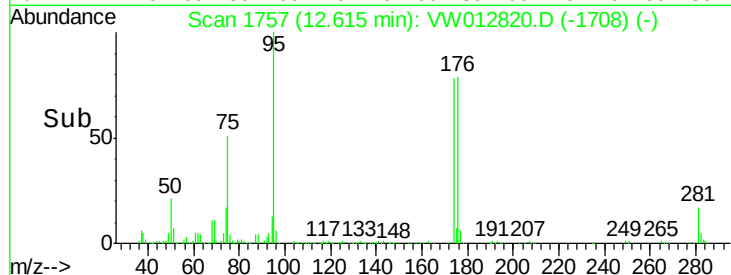
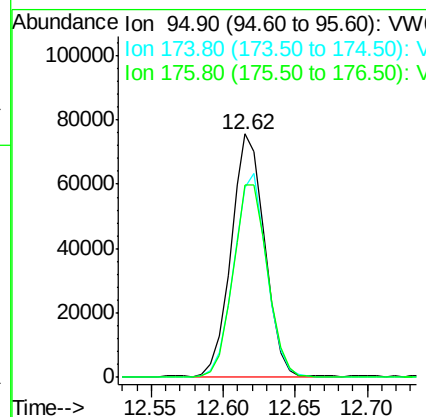
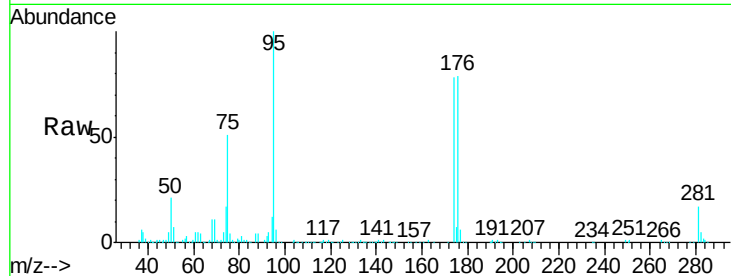




#62
4-Bromofluorobenzene
Concen: 41.062 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012820.D
Acq: 09 Sep 2019 14:41

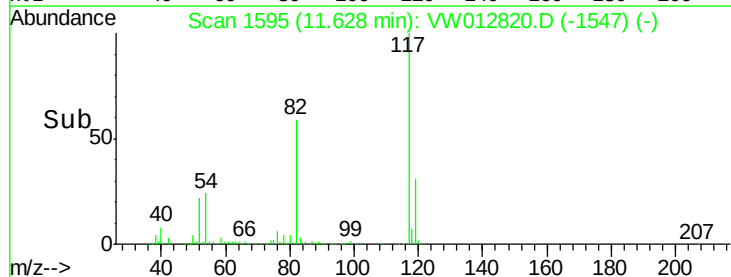
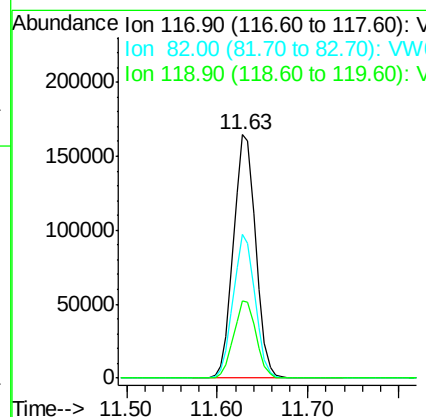
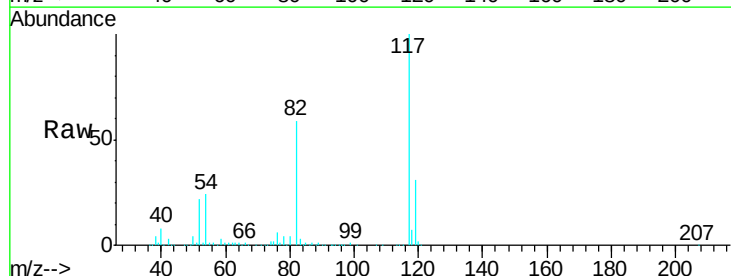
Instrument :
MSVOA_W
ClientSampleId :
STOCK-PILE

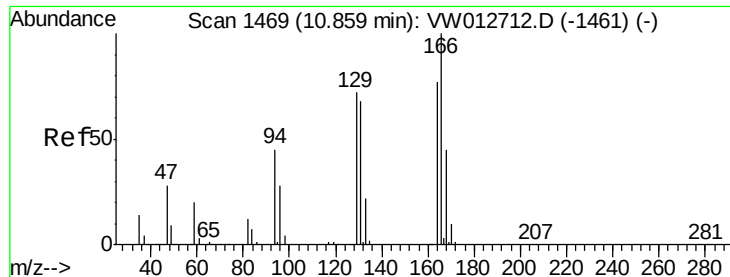
Tgt Ion: 95 Resp: 122035
Ion Ratio Lower Upper
95 100
174 83.1 0.0 161.0
176 81.9 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012820.D
Acq: 09 Sep 2019 14:41

Tgt Ion: 117 Resp: 280573
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 31.5 25.8 38.6





#64

Tetrachloroethene

Concen: 18.273 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW012820.D

Acq: 09 Sep 2019 14:41

Instrument :

MSVOA_W

ClientSampleId :

STOCK-PILE

Tgt Ion:164 Resp: 31109

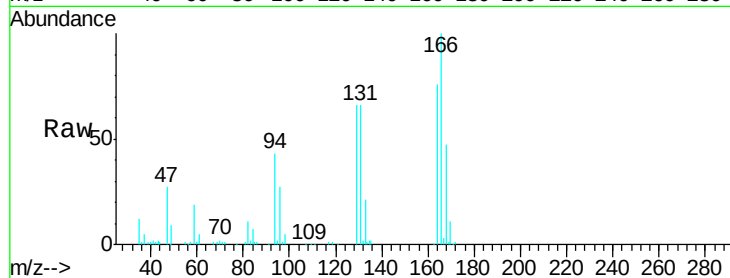
Ion Ratio Lower Upper

164 100

166 130.9 103.6 155.4

129 87.1 74.6 112.0

131 87.0 70.6 106.0

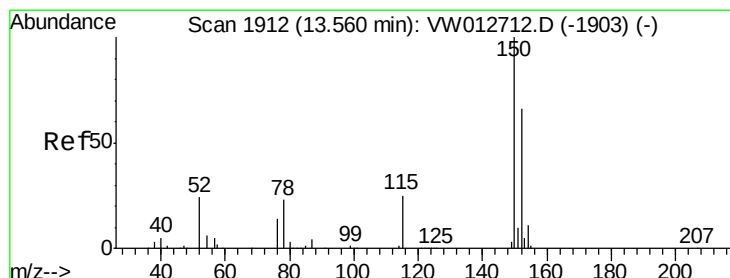
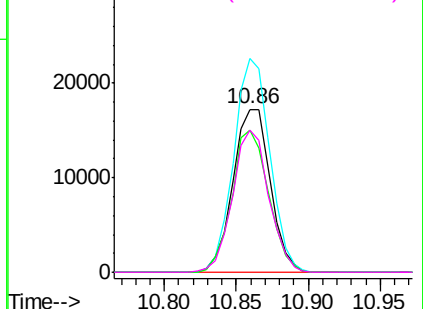
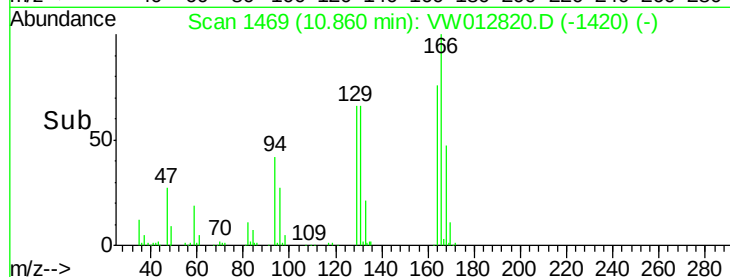


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012820.D

Acq: 09 Sep 2019 14:41

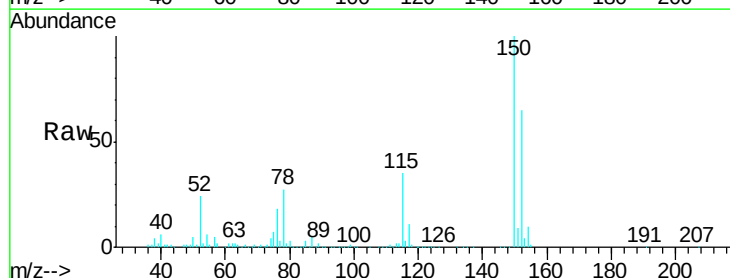
Tgt Ion:152 Resp: 104705

Ion Ratio Lower Upper

152 100

115 56.7 30.0 90.1

150 156.2 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

