

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011177.D
 Acq On : 09 Jul 2019 14:20
 Operator : SY/VA
 Sample : K3694-01
 Misc : 3.10G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GC-SOIL-PILE

Quant Time: Jul 10 05:17:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

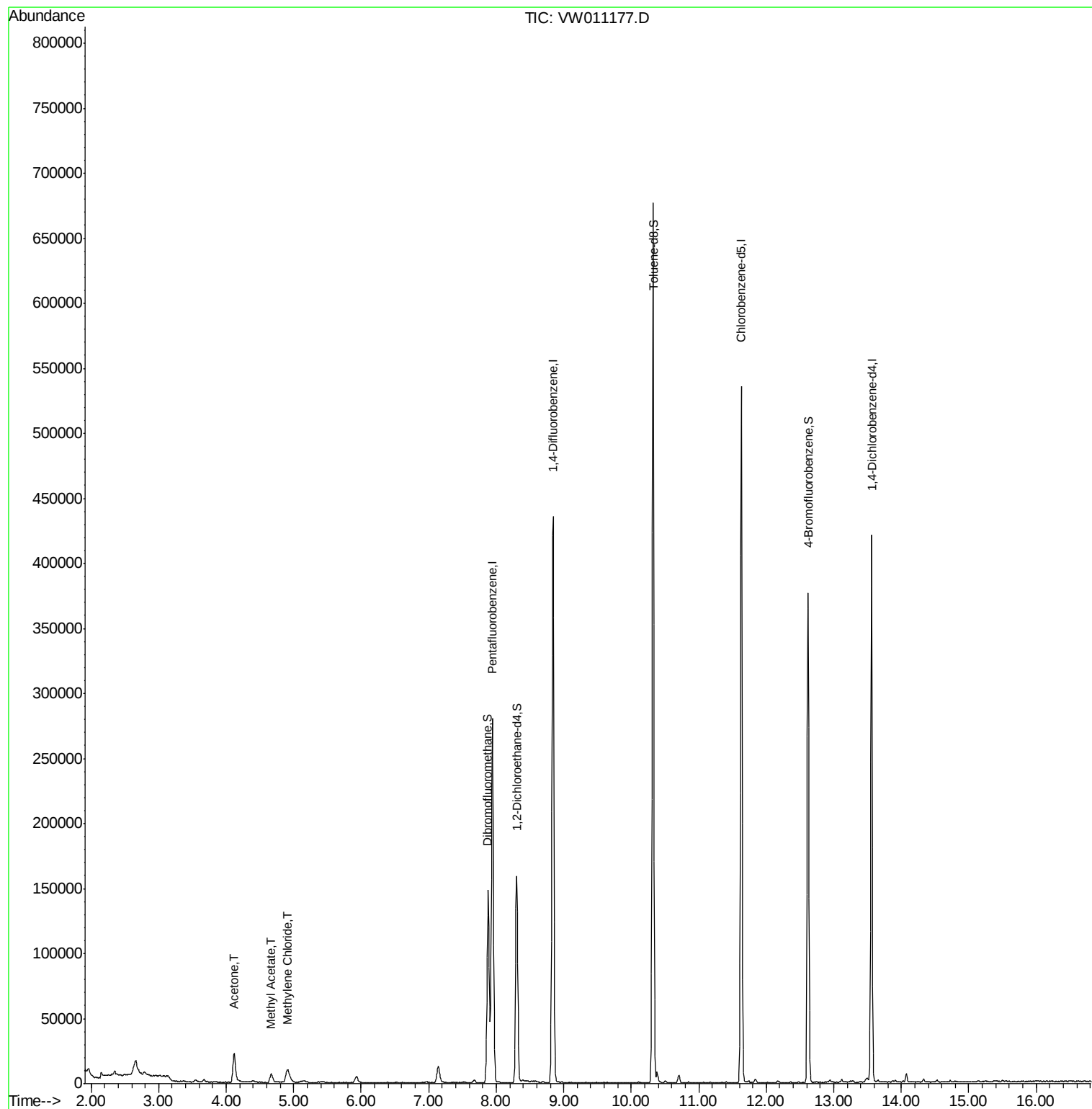
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127210	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	7.88	113	103749	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.32	98	420523	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	125514	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
Target Compounds						
16) Acetone	4.12	43	41219	67.328	ug/l	99
18) Methyl Acetate	4.67	43	12722	6.066	ug/l	99
20) Methylene Chloride	4.91	84	8321	3.445	ug/l	92

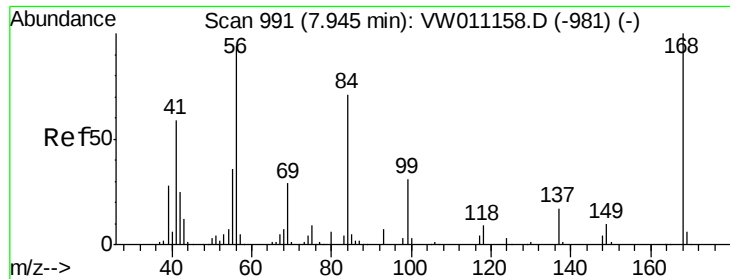
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011177.D

Acq: 09 Jul 2019 14:20

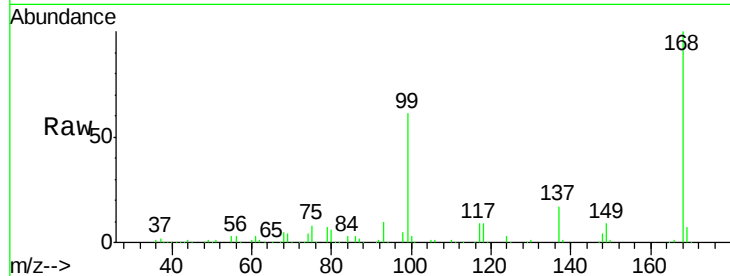
Instrument :
MSVOA_W
ClientSampled :
GC-SOIL-PILE

Tot Ion:168 Resp: 202492

Ion Ratio Lower Upper

168 100

99 60.6 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

100000

80000

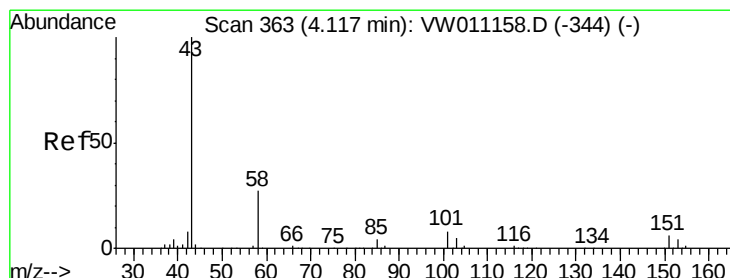
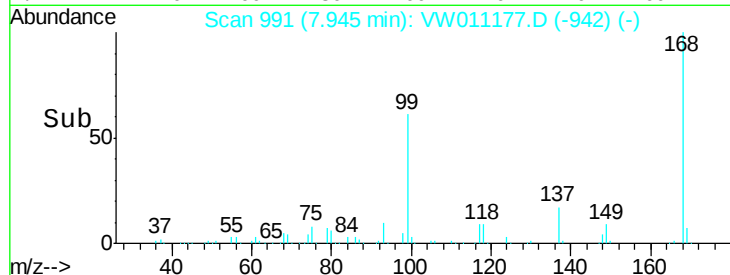
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 67.328 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011177.D

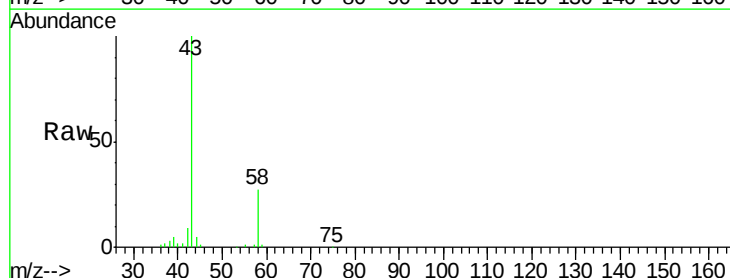
Acq: 09 Jul 2019 14:20

Tgt Ion: 43 Resp: 41219

Ion Ratio Lower Upper

43 100

58 26.9 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

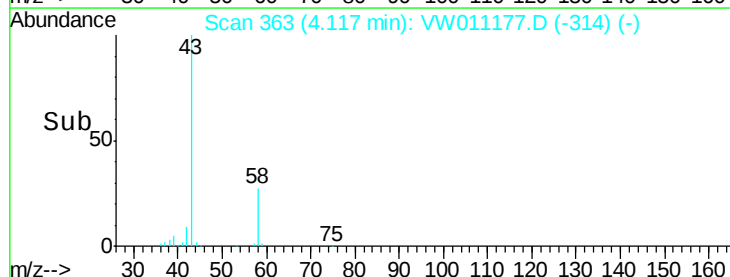
15000

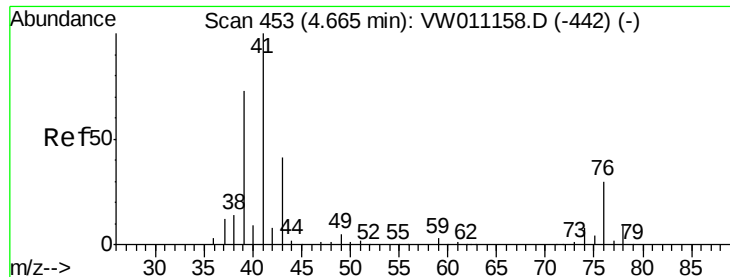
10000

5000

0

Time-->

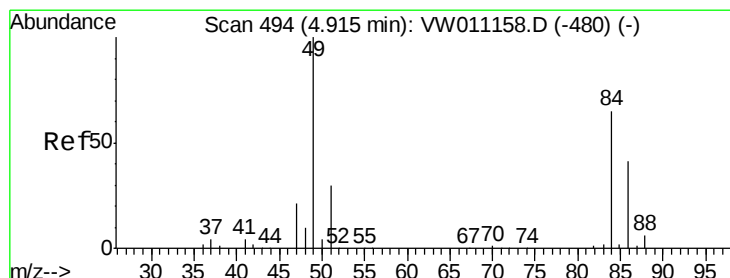
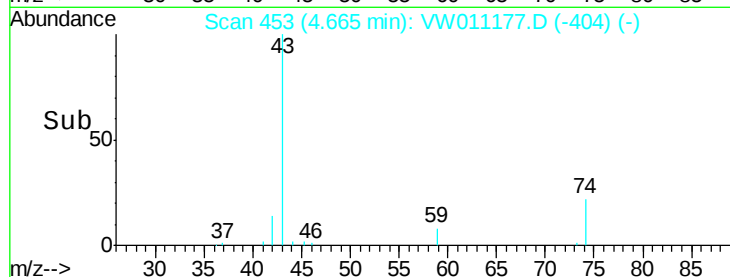
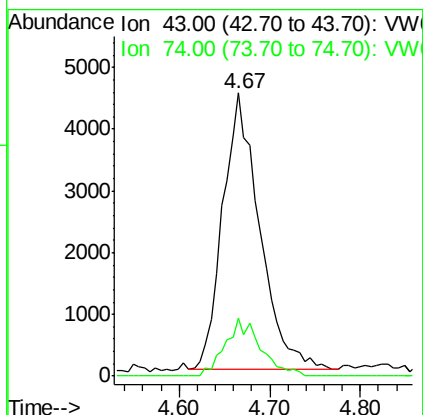
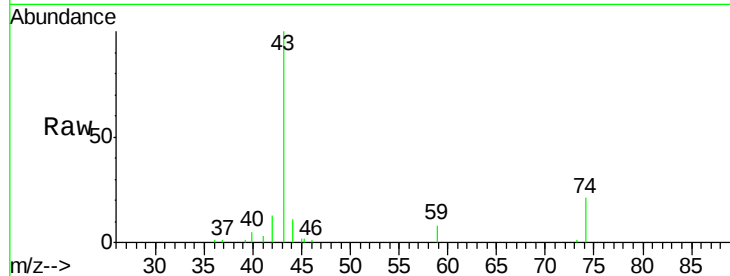




#18
Methyl Acetate
Concen: 6.066 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011177.D
Acq: 09 Jul 2019 14:20

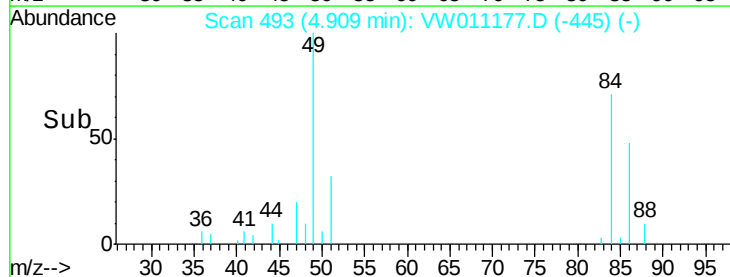
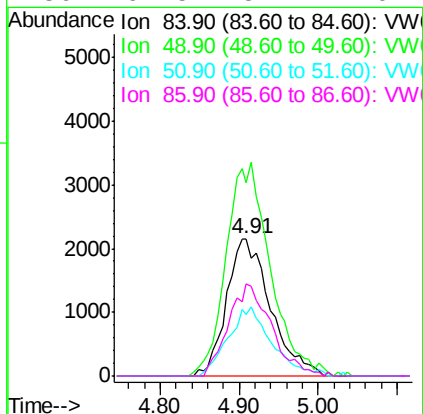
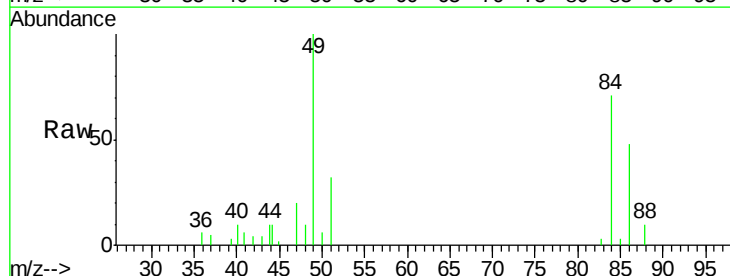
Instrument :
MSVOA_W
ClientSampleId :
GC-SOIL-PILE

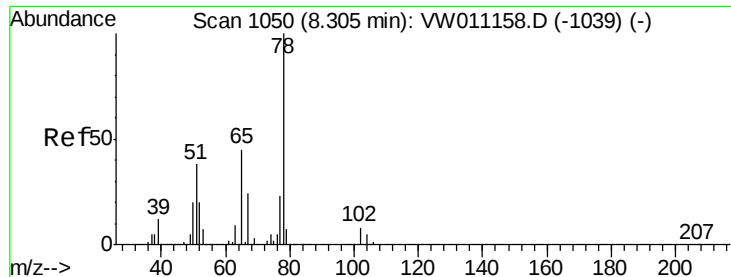
Tot Ion: 43 Resp: 12722
Ion Ratio Lower Upper
43 100
74 19.9 15.7 23.5



#20
Methylene Chloride
Concen: 3.445 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011177.D
Acq: 09 Jul 2019 14:20

Tgt Ion: 84 Resp: 8321
Ion Ratio Lower Upper
84 100
49 140.6 123.8 185.6
51 44.4 37.4 56.2
86 67.5 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.996 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011177.D

Acq: 09 Jul 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

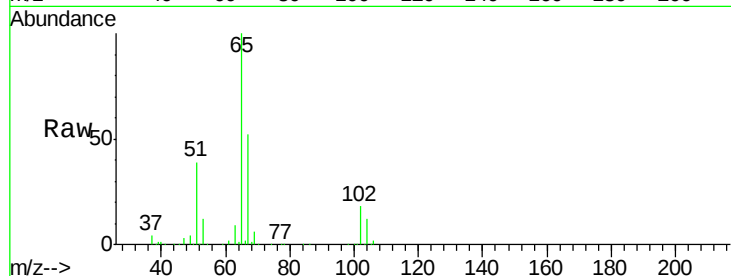
GC-SOIL-PILE

Tot Ion: 65 Resp: 127210

Ion Ratio Lower Upper

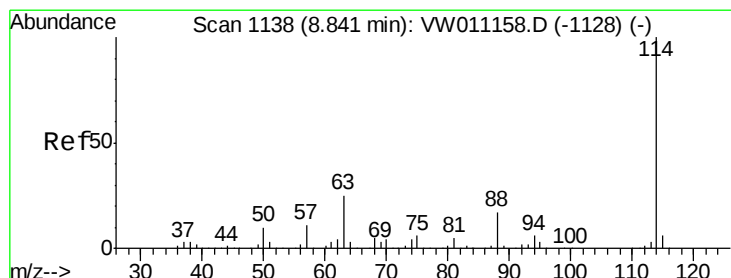
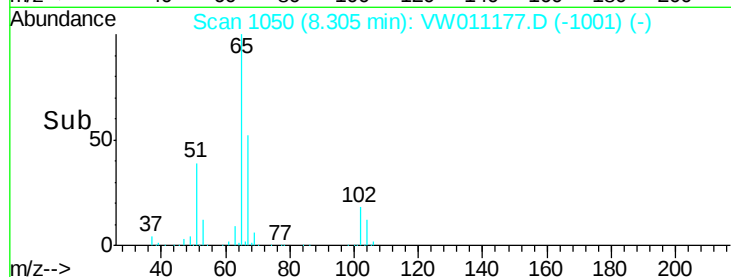
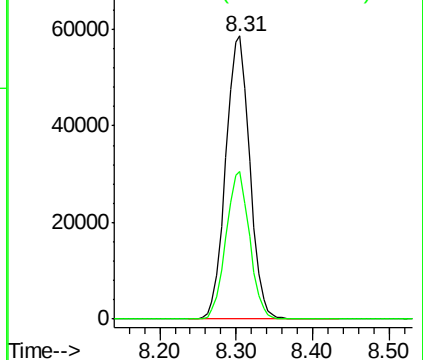
65 100

67 51.4 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: VW011177.D

Acq: 09 Jul 2019 14:20

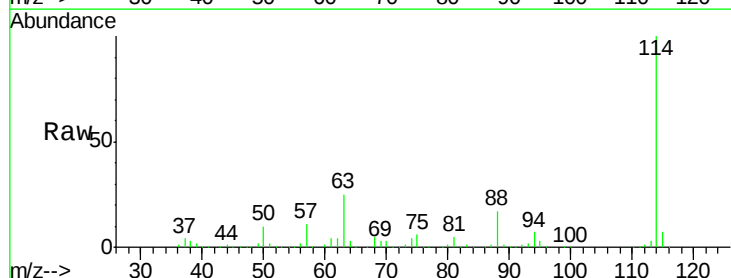
Tgt Ion: 114 Resp: 339026

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

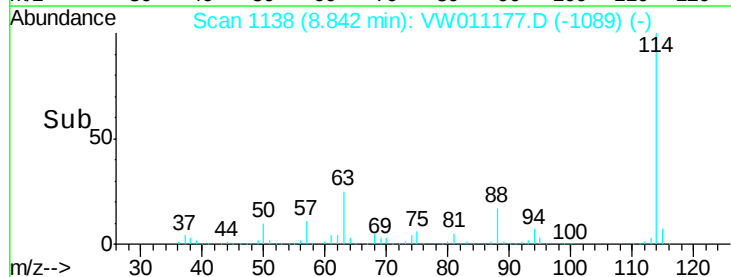
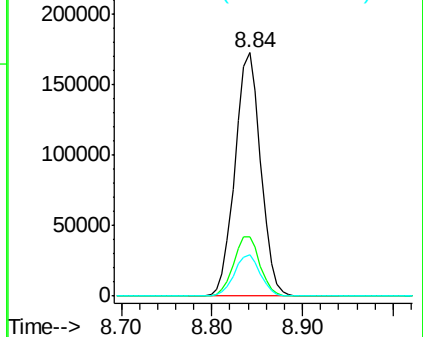
88 17.2 0.0 34.2

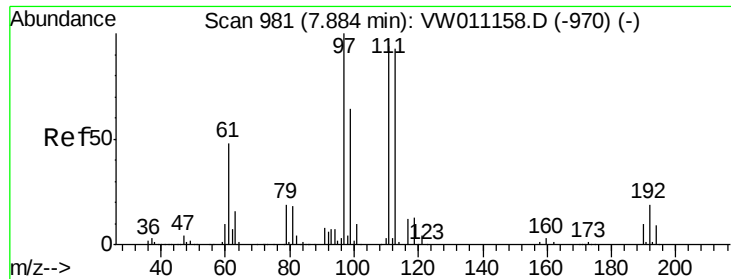


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.342 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011177.D

Acq: 09 Jul 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

GC-SOIL-PILE

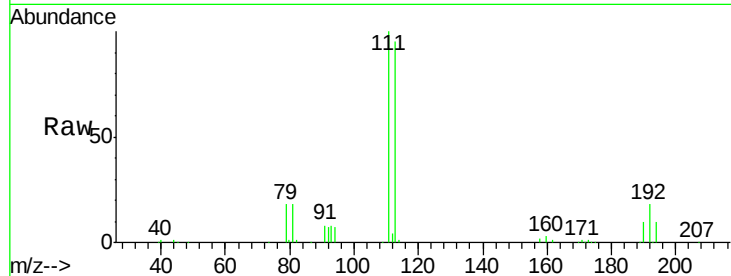
Tot Ion:113 Resp: 103749

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

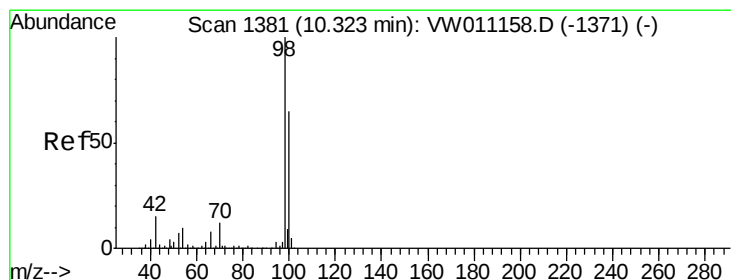
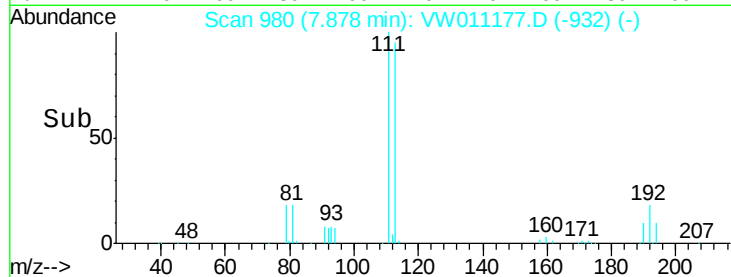
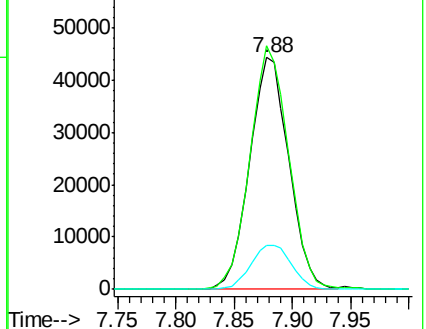
192 19.8 15.8 23.8



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: 51.483 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011177.D

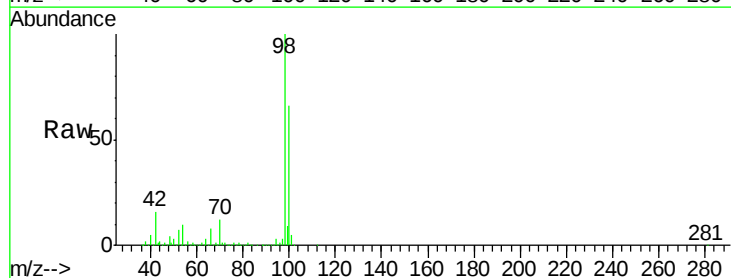
Acq: 09 Jul 2019 14:20

Tgt Ion: 98 Resp: 420523

Ion Ratio Lower Upper

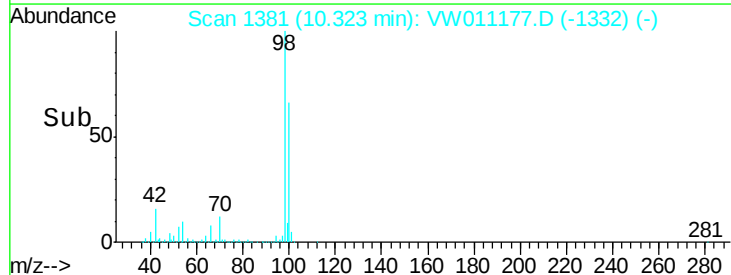
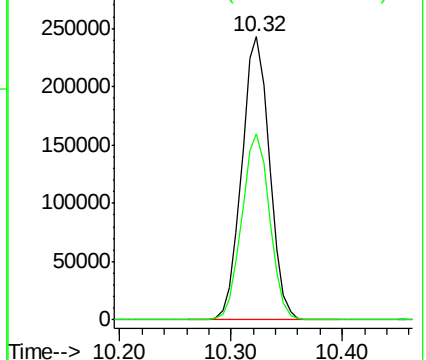
98 100

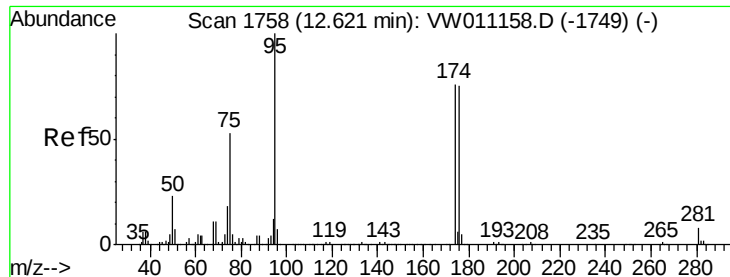
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

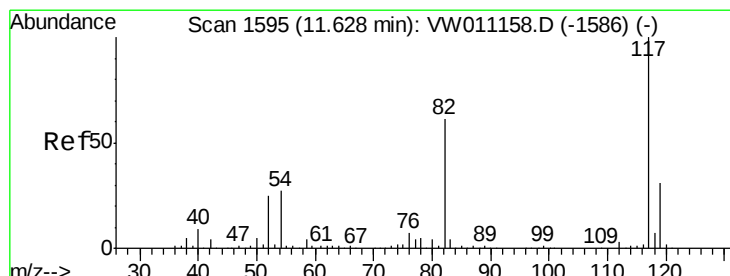
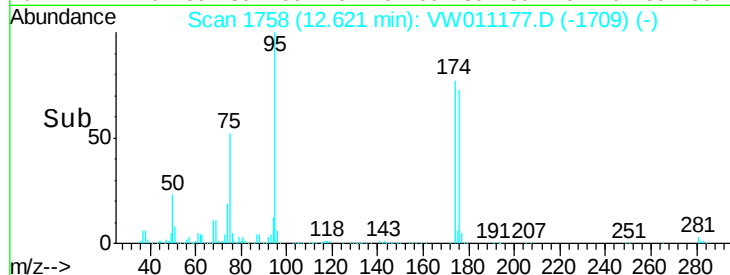
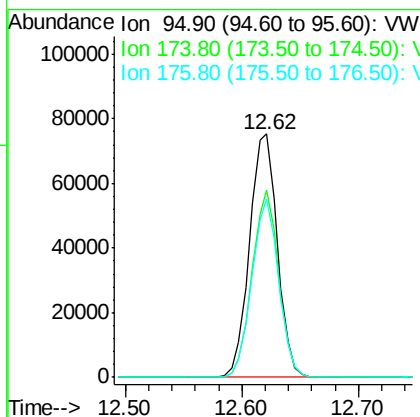
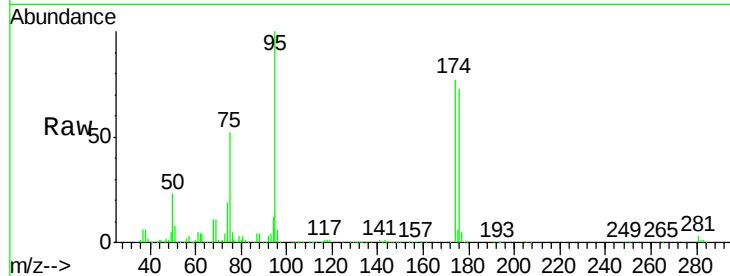




#62
4-Bromofluorobenzene
Concen: 41.923 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011177.D
Acq: 09 Jul 2019 14:20

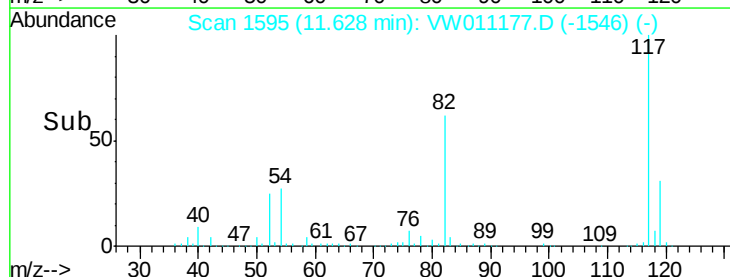
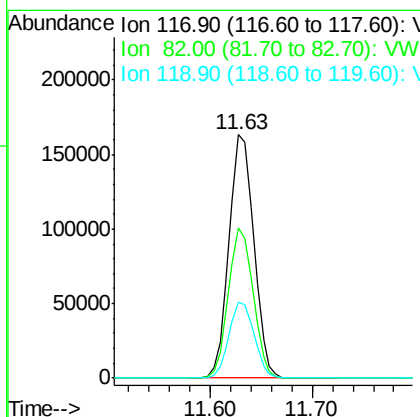
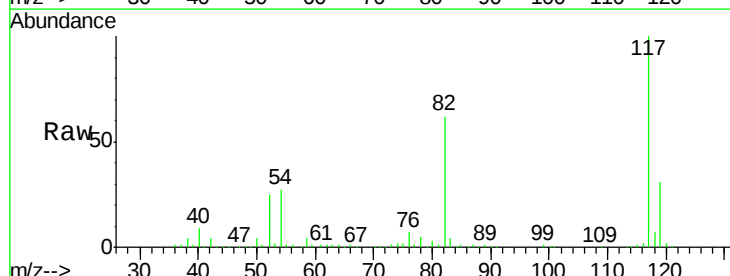
Instrument :
MSVOA_W
ClientSampleId :
GC-SOIL-PILE

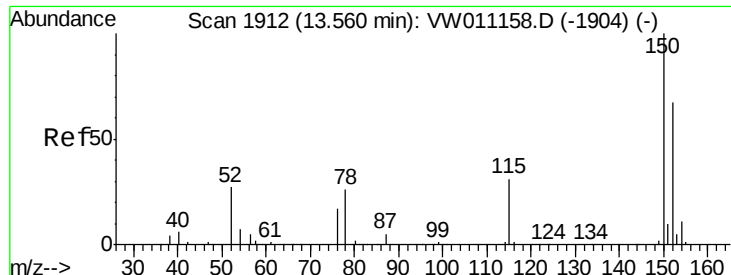
Tot Ion	95	Resp	125514
Ion Ratio	Lower	Upper	
95	100		
174	73.6	0.0	147.6
176	70.6	0.0	144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011177.D
Acq: 09 Jul 2019 14:20

Tgt Ion	117	Resp	275182
Ion Ratio	Lower	Upper	
117	100		
82	61.9	48.9	73.3
119	31.0	25.0	37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011177.D

Acq: 09 Jul 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

GC-SOIL-PILE

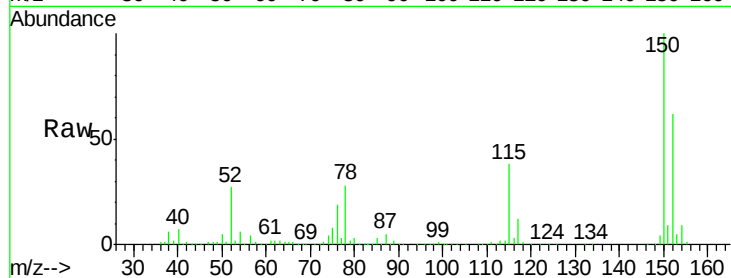
Tot Ion:152 Resp: 99605

Ion Ratio Lower Upper

152 100

115 61.2 30.1 90.3

150 159.3 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

