

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006234.D
 Acq On : 19 Oct 2018 19:12
 Operator : VA/AP
 Sample : J5606-01
 Misc : 3.59G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-PILE

Quant Time: Oct 20 01:21:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

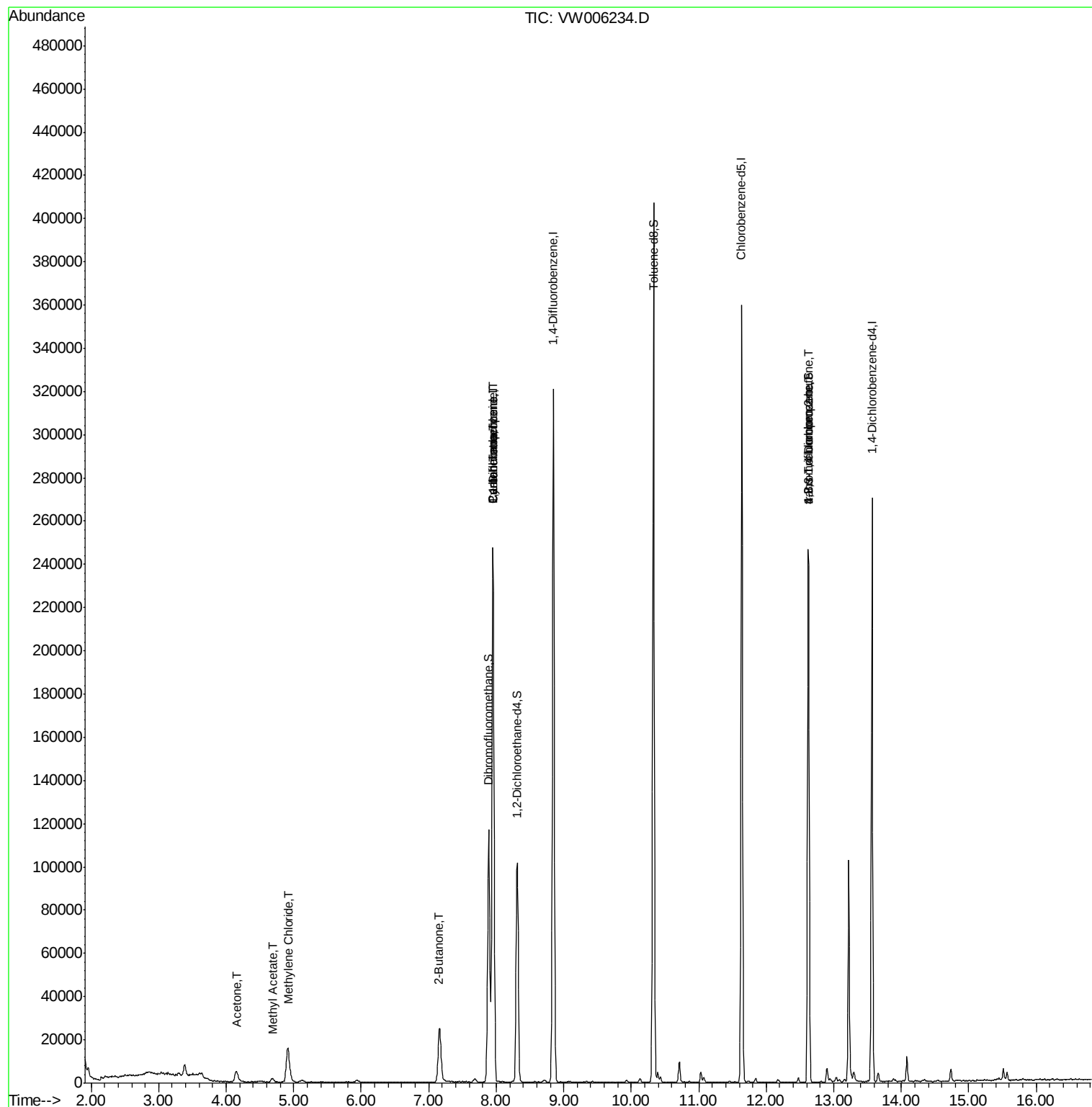
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	284562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83122	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.89	113	81785	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.33	98	275399	43.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.10%	
62) 4-Bromofluorobenzene	12.62	95	72415	30.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.28%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	10730	20.902	ug/l	96
18) Methyl Acetate	4.68	43	3216	3.851	ug/l	99
20) Methylene Chloride	4.92	84	14504	6.856	ug/l	90
25) 2-Butanone	7.16	43	2017	4.500	ug/l #	46
31) Cyclohexane	7.95	56	3588	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13165	5.019	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18102	6.296	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	36889	66.213	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36889	158.275	ug/l #	10

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

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Instrument :
MSVOA_W
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SOIL-PILE

Quant Time: Oct 20 01:21:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

Instrument :

MSVOA_W

ClientSampled :

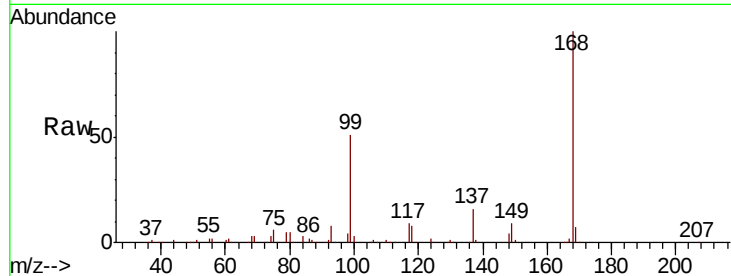
SOIL-PILE

Tot Ion:168 Resp: 200147

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

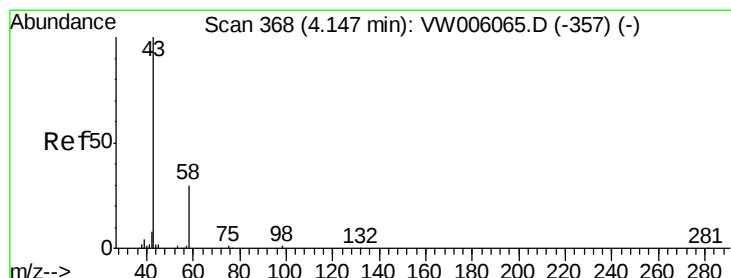
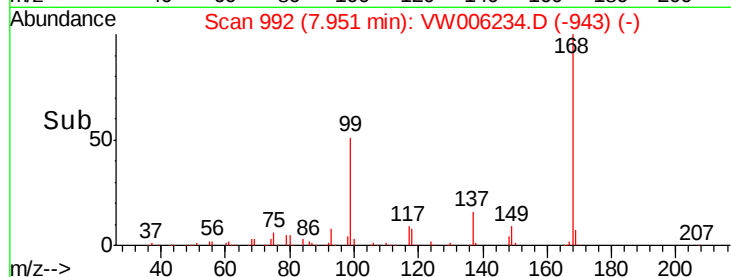
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 20.902 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006234.D

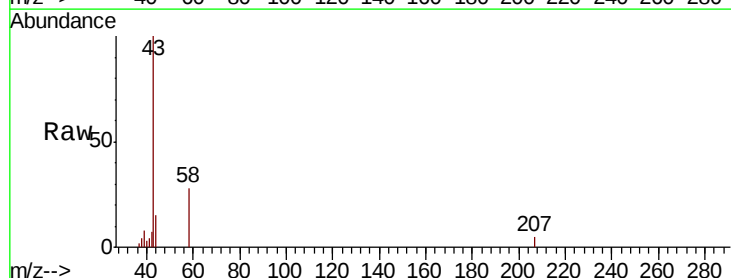
Acq: 19 Oct 2018 19:12

Tgt Ion: 43 Resp: 10730

Ion Ratio Lower Upper

43 100

58 27.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

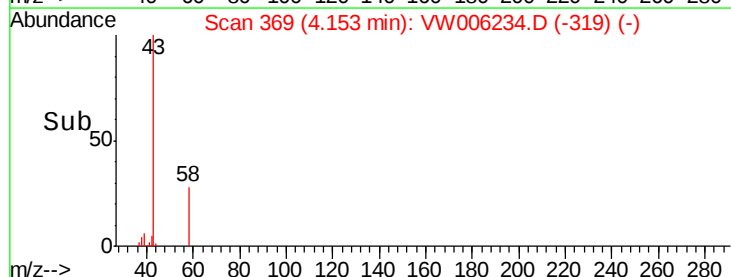
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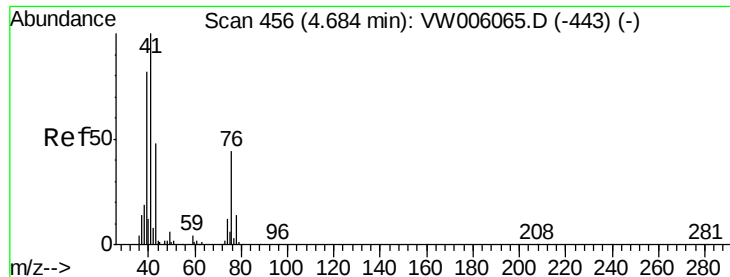
2000

1000

0

Time-->

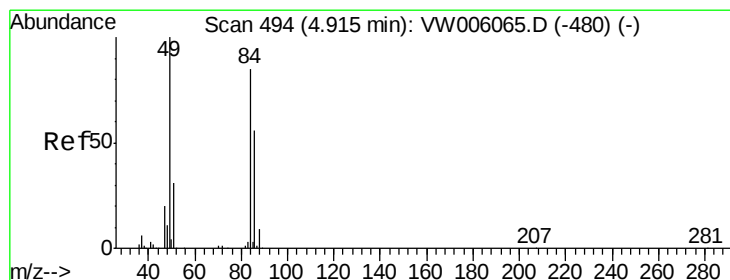
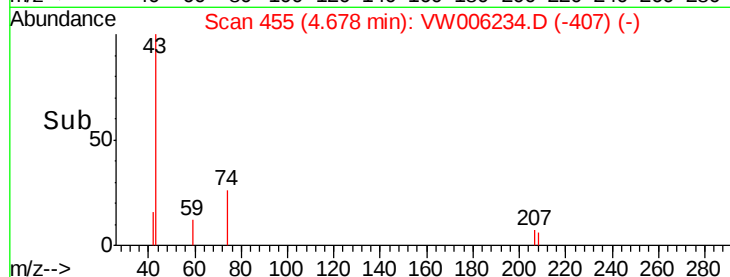
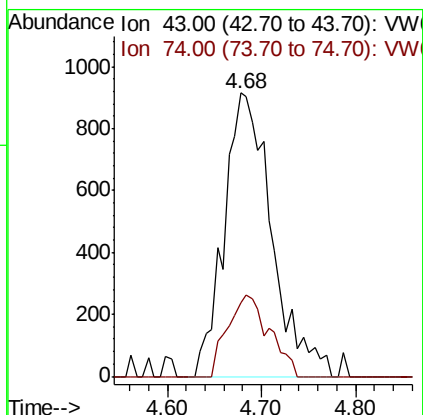
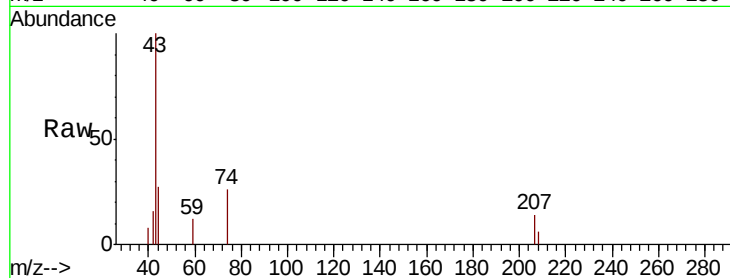




#18
Methvl Acetate
Concen: 3.851 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006234.D
Acq: 19 Oct 2018 19:12

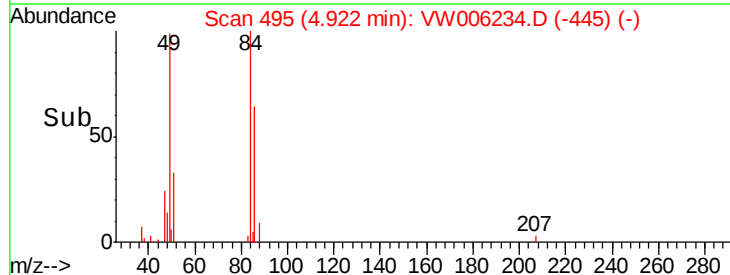
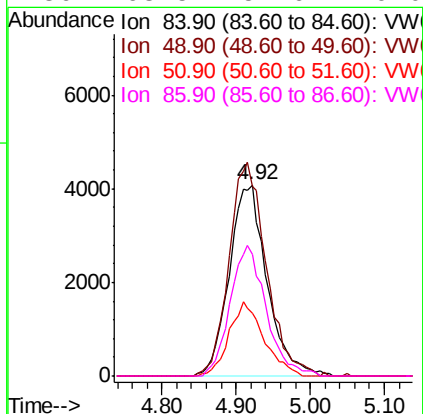
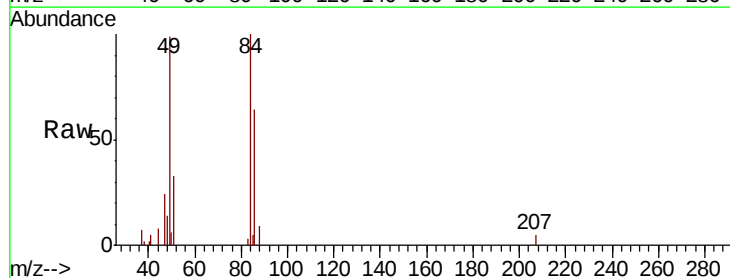
Instrument :
MSVOA_W
ClientSampled :
SOIL-PILE

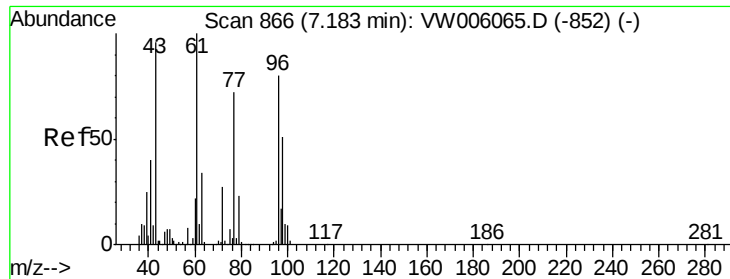
Tot Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
74 25.1 20.5 30.7



#20
Methylene Chloride
Concen: 6.856 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006234.D
Acq: 19 Oct 2018 19:12

Tgt Ion: 84 Resp: 14504
Ion Ratio Lower Upper
84 100
49 99.2 93.6 140.4
51 33.2 29.0 43.4
86 63.5 52.6 79.0





#25

2-Butanone

Concen: 4.500 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

Instrument :

MSVOA_W

ClientSampled :

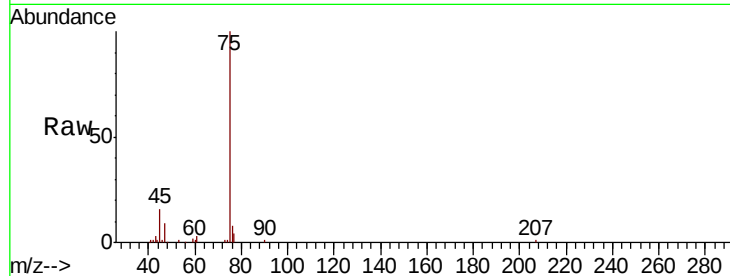
SOIL-PILE

Tot Ion: 43 Resp: 2017

Ion Ratio Lower Upper

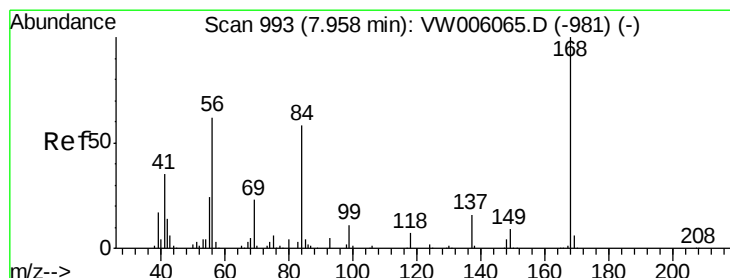
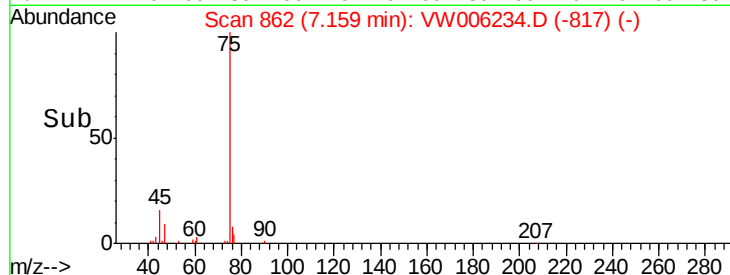
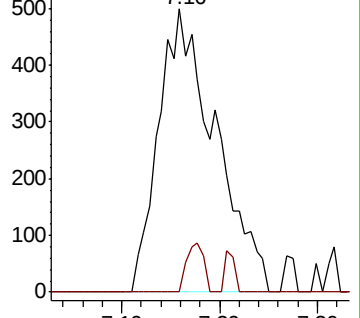
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.182 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

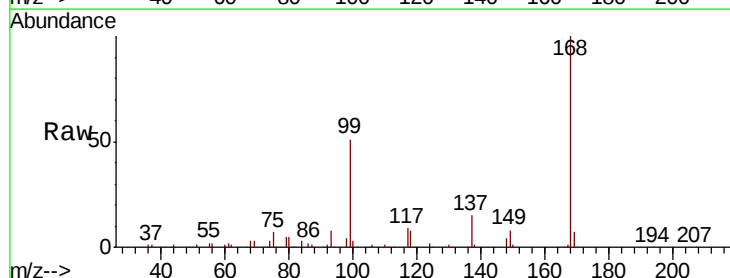
Tgt Ion: 56 Resp: 3588

Ion Ratio Lower Upper

56 100

69 172.5 29.4 44.0#

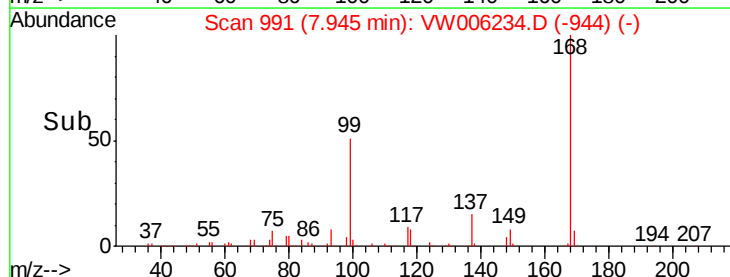
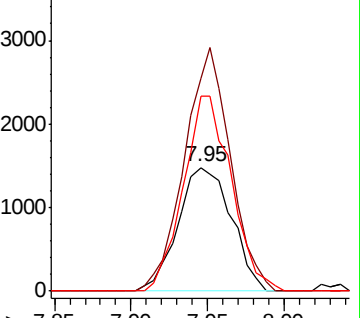
84 157.8 74.0 111.0#

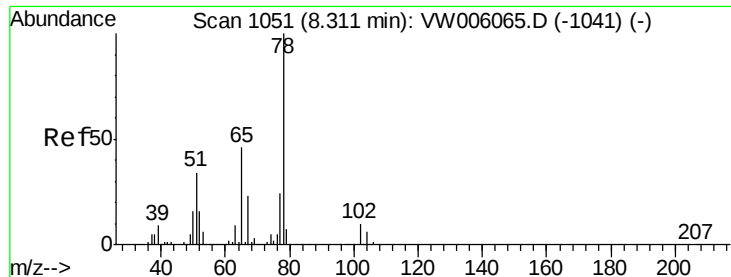


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

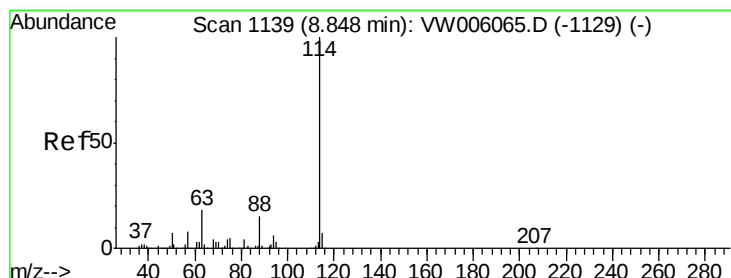
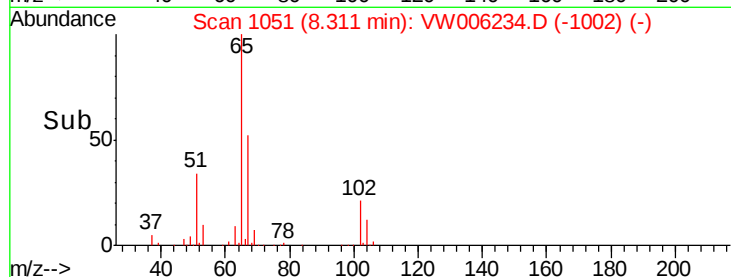
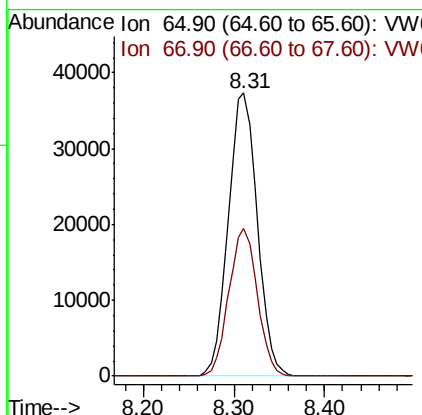
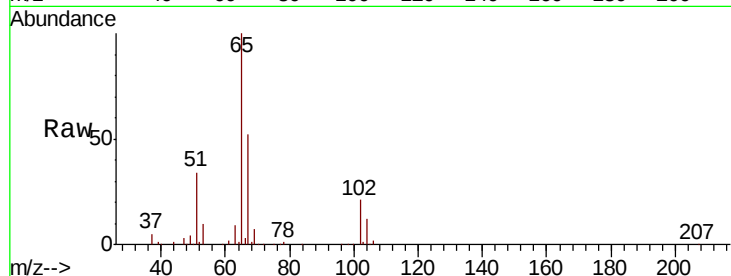




#33
 1,2-Dichloroethane-d4
 Concen: 50.094 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006234.D
 Acq: 19 Oct 2018 19:12

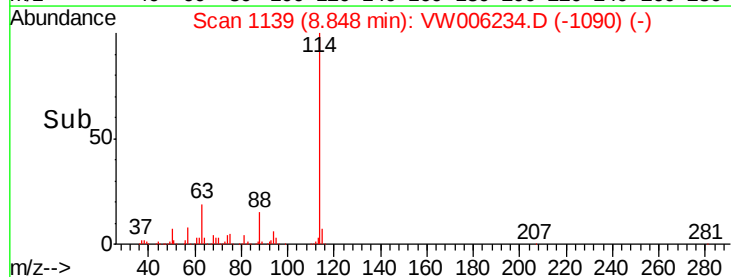
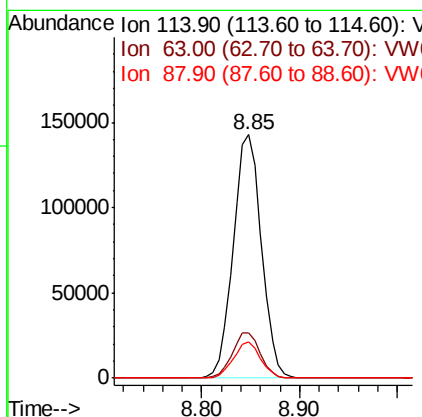
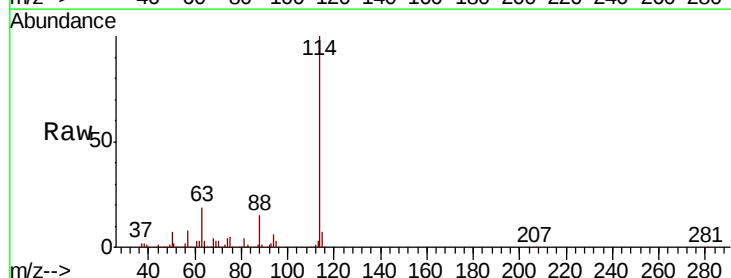
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-PILE

Tot Ion: 65 Resp: 83122
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006234.D
 Acq: 19 Oct 2018 19:12

Tgt Ion: 114 Resp: 284562
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 14.7 0.0 29.0

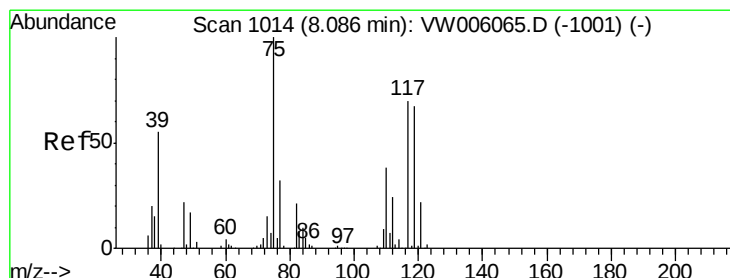
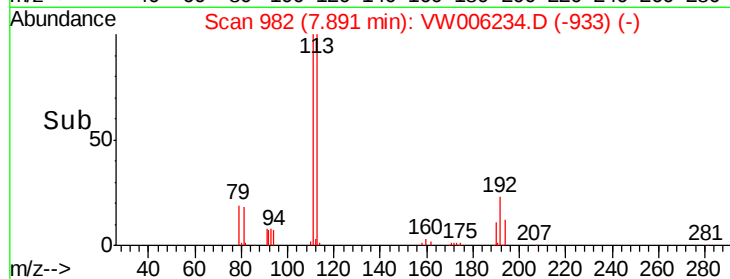
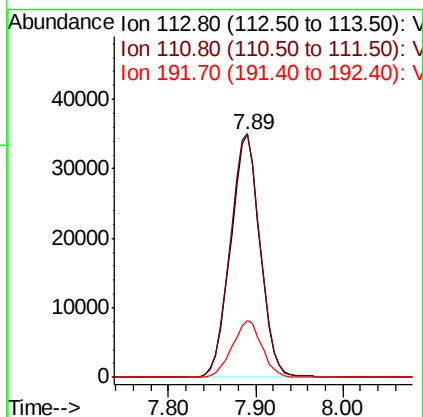
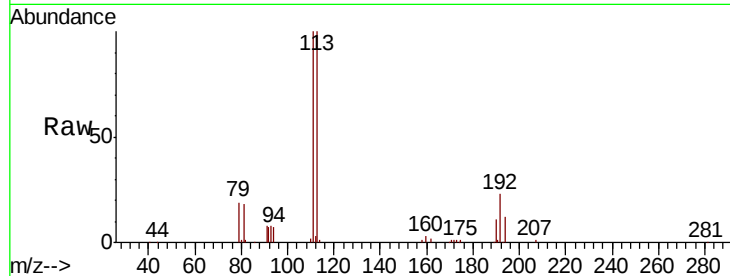




#35
 Dibromofluoromethane
 Concen: 48.639 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006234.D
 Acq: 19 Oct 2018 19:12

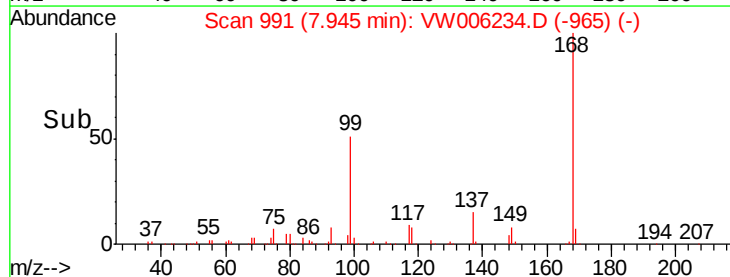
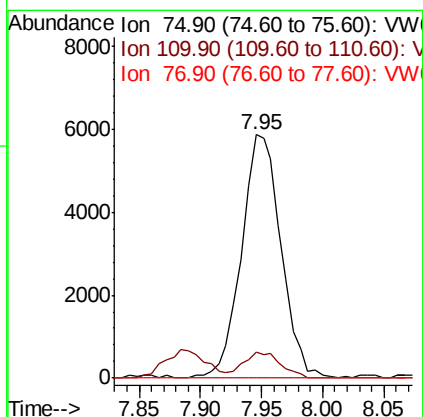
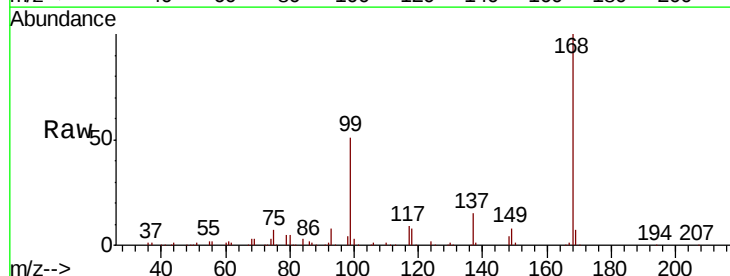
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-PILE

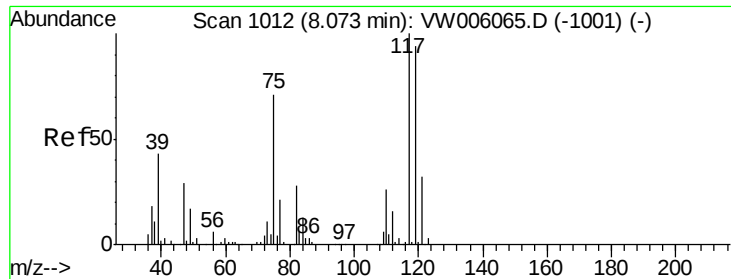
Tot Ion:113 Resp: 81785
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.019 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006234.D
 Acq: 19 Oct 2018 19:12

Tgt Ion: 75 Resp: 13165
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 25.0 37.4#

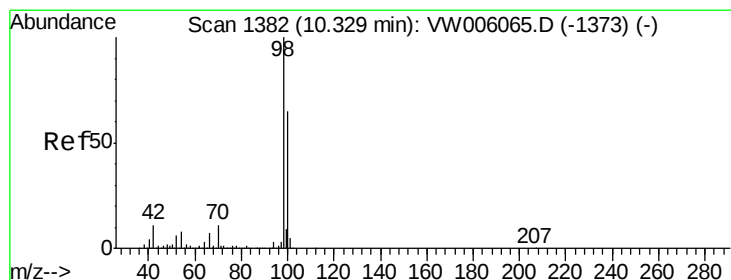
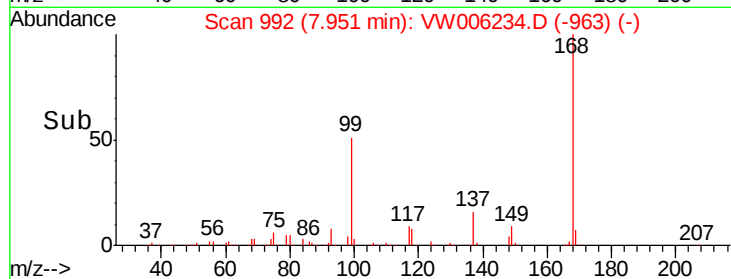
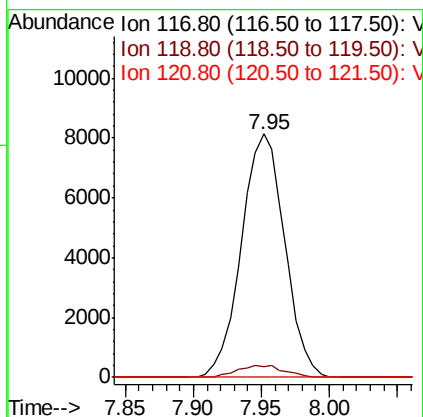
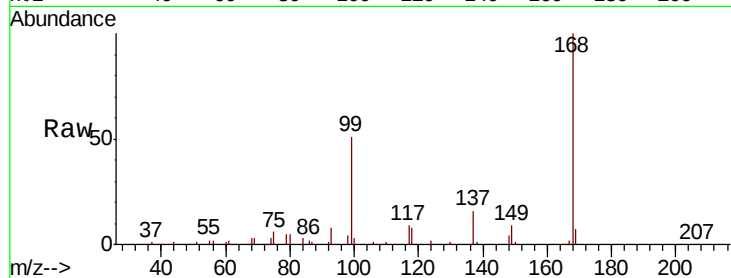




#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006234.D
Acq: 19 Oct 2018 19:12

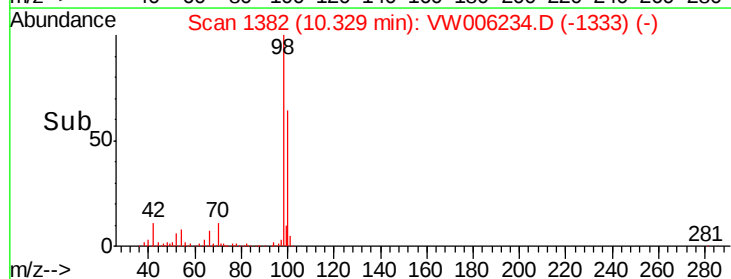
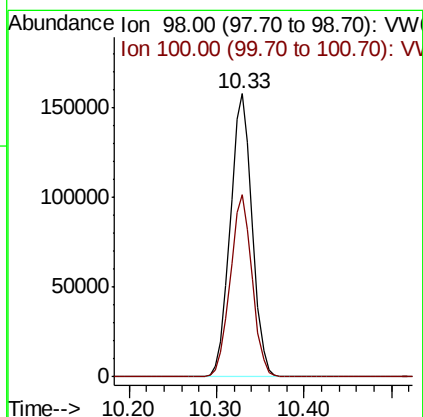
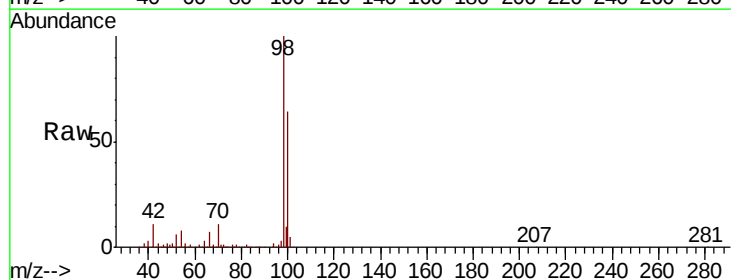
Instrument :
MSVOA_W
ClientSampled :
SOIL-PILE

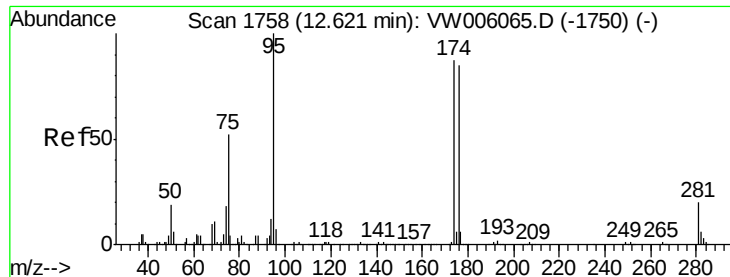
Tot Ion:117 Resp: 18102
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 43.050 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006234.D
Acq: 19 Oct 2018 19:12

Tgt Ion: 98 Resp: 275399
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 30.139 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

SOIL-PILE

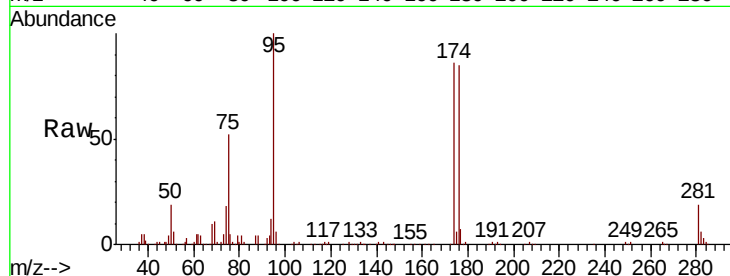
Tot Ion: 95 Resp: 72415

Ion Ratio Lower Upper

95 100

174 93.8 0.0 186.0

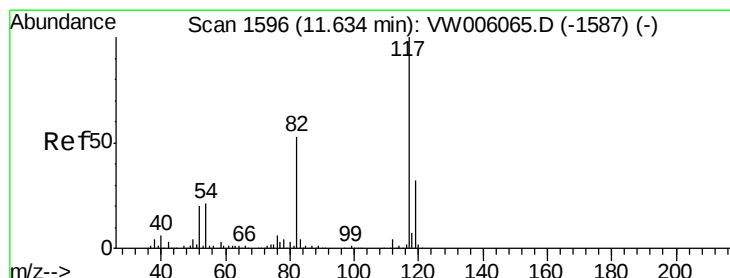
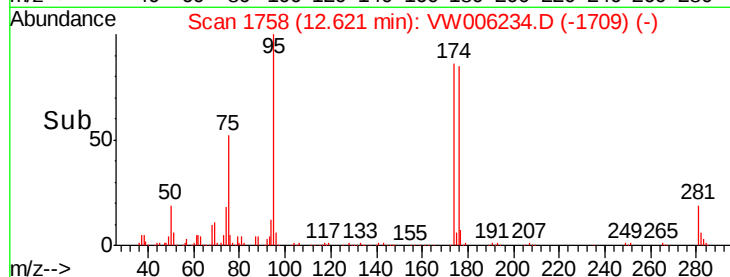
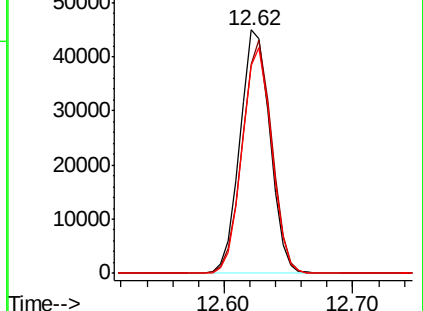
176 90.6 0.0 181.6



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# 1596

Delta R.T. -0.00 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

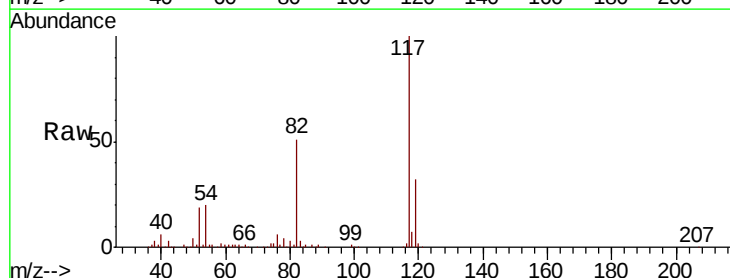
Tgt Ion: 117 Resp: 209660

Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

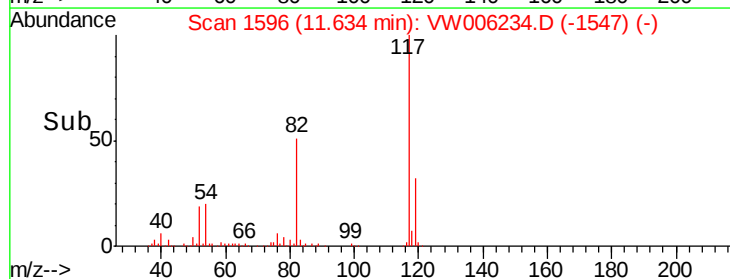
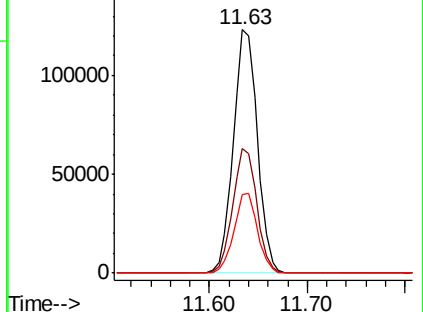
119 32.2 25.8 38.6

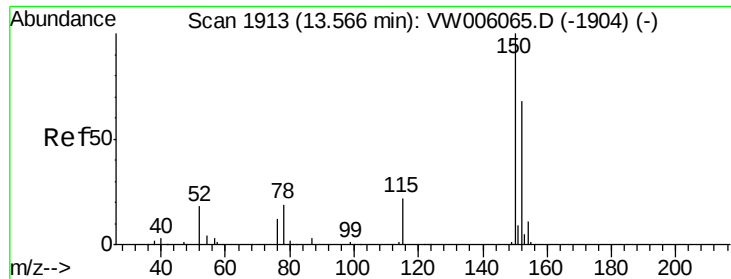


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

SOIL-PILE

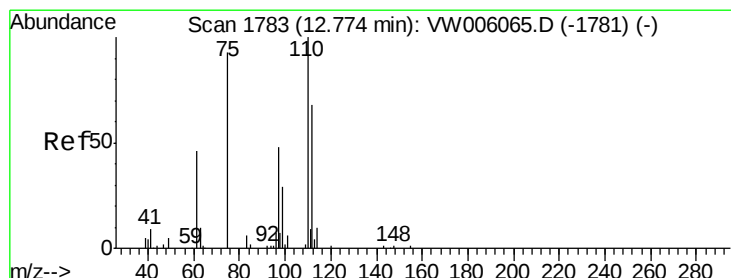
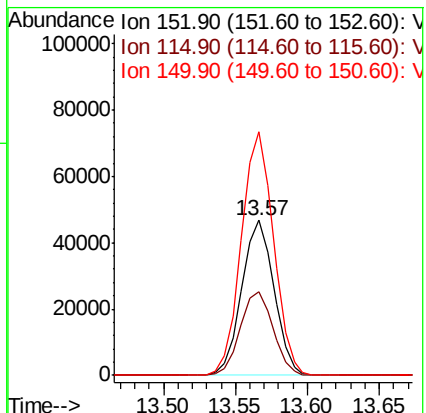
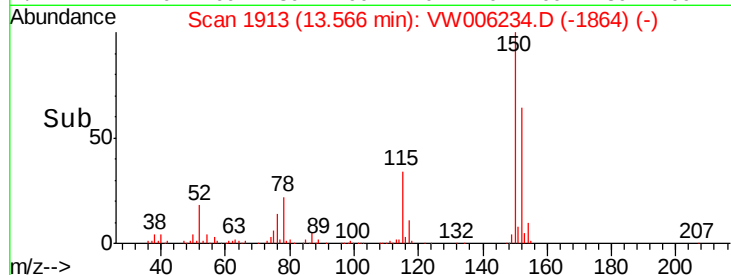
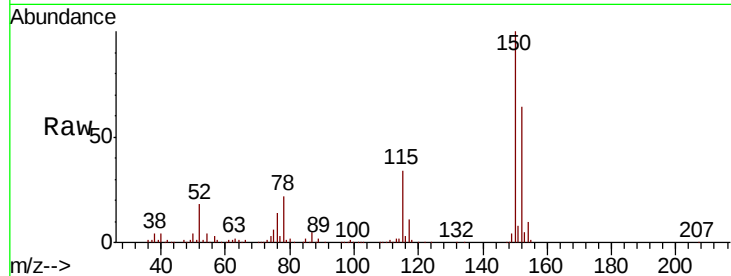
Tot Ion:152 Resp: 72941

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

150 155.9 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 66.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006234.D

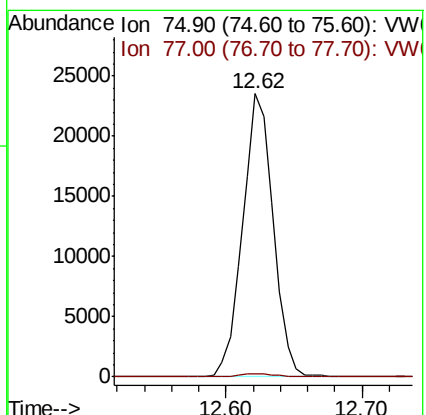
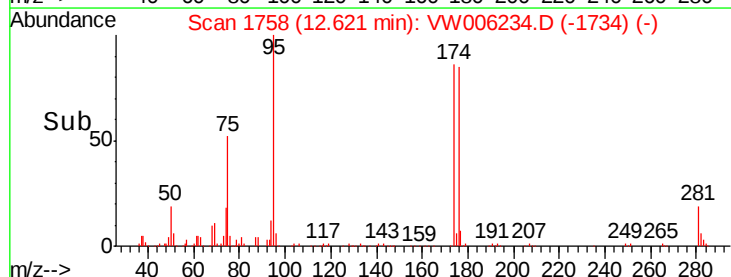
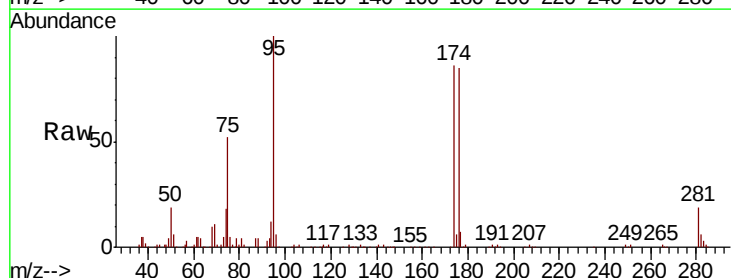
Acq: 19 Oct 2018 19:12

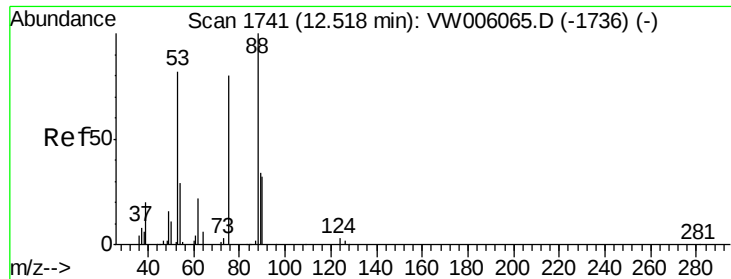
Tgt Ion: 75 Resp: 36889

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 158.275 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006234.D

Acq: 19 Oct 2018 19:12

Instrument :

MSVOA_W

ClientSampleId :

SOIL-PILE

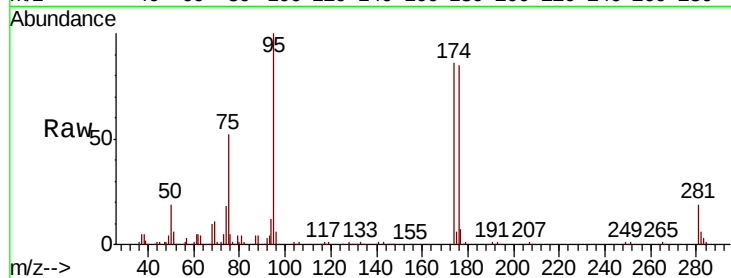
Tot Ion: 75 Resp: 36889

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

