

Data File : VW006017.D
Acq On : 11 Oct 2018 05:27
Operator : SY/AP
Sample : J5369-01RE
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-PILERE

Quant Time: Oct 11 07:00:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	329414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110733	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
35) Dibromofluoromethane	7.94	113	338	0.16	ug/l	0.05
Spiked Amount	50.000		Recovery	=	0.32%	
50) Toluene-d8	10.33	98	385341	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.62	95	138974	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds

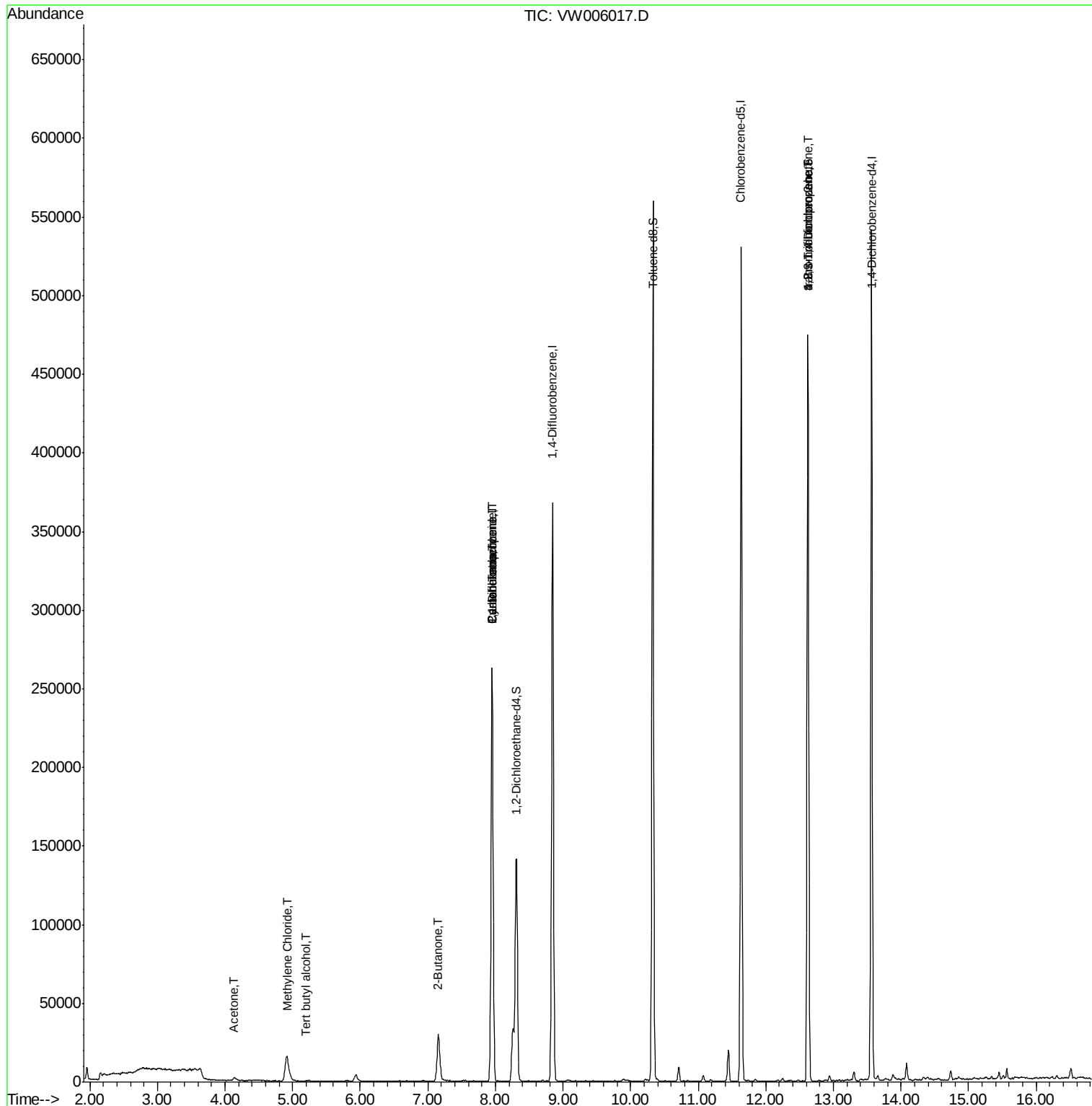
						Qvalue
11) Tert butyl alcohol	5.20	59	357	2.346	ug/l #	74
16) Acetone	4.14	43	4235	10.209	ug/l	94
20) Methylene Chloride	4.92	84	15762	7.584	ug/l #	92
25) 2-Butanone	7.15	43	2483	4.208	ug/l #	66
31) Cyclohexane	7.95	56	4307	1.185	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	14395	4.561	ug/l #	48
38) Carbon Tetrachloride	7.95	117	19422	5.727	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	70570	53.311	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70570	112.546	ug/l #	11

(#) = 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# 992

Delta R.T. -0.00 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

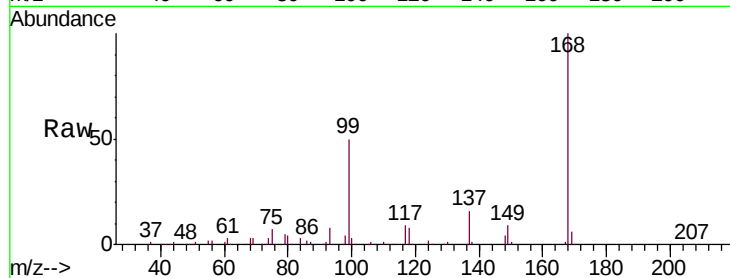
CONCRETE-PILERE

Tgt Ion:168 Resp: 213932

Ion Ratio Lower Upper

168 100

99 49.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

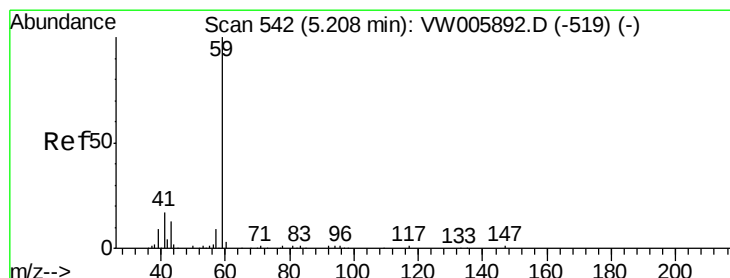
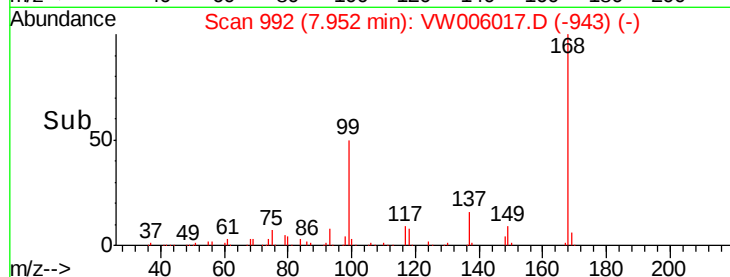
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.346 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW006017.D

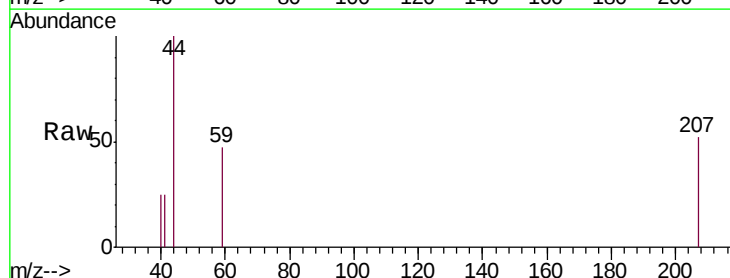
Acq: 11 Oct 2018 05:27

Tgt Ion: 59 Resp: 357

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

200

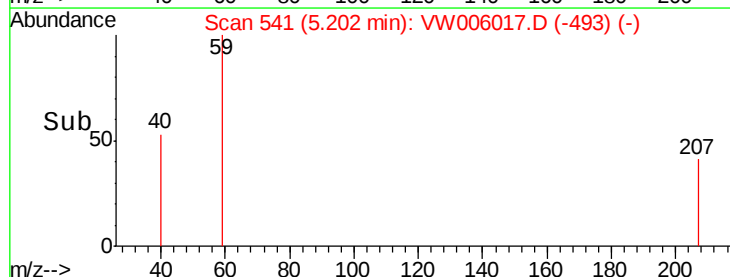
150

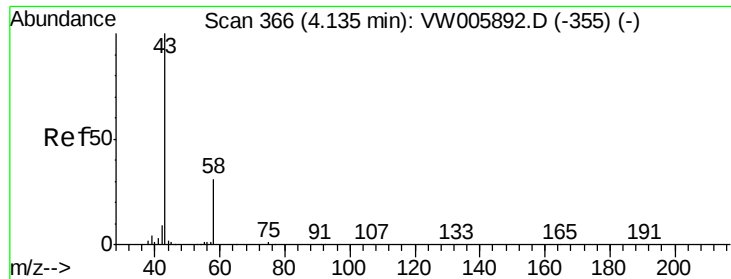
100

50

0

Time-->





#16

Acetone

Concen: 10.209 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

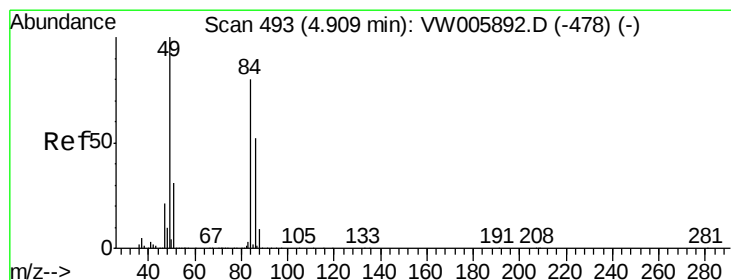
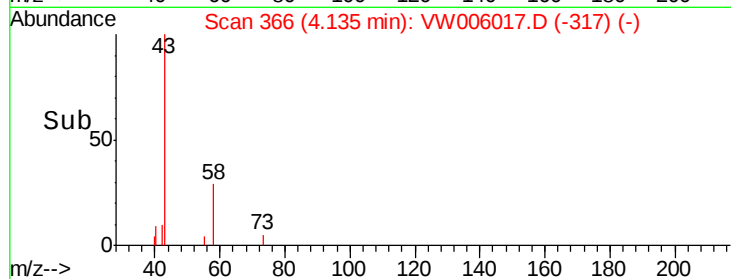
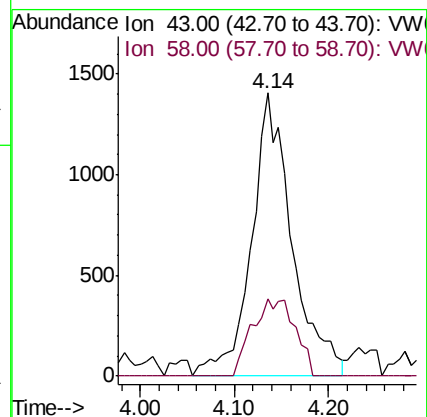
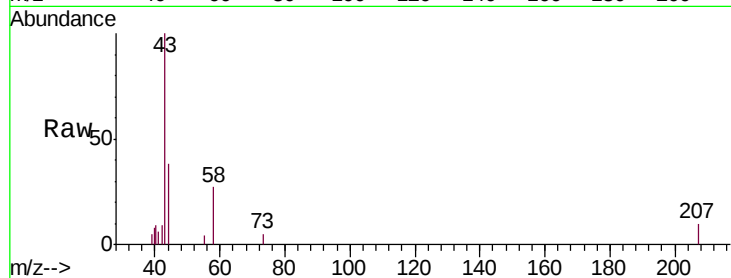
CONCRETE-PILERE

Tgt Ion: 43 Resp: 4235

Ion Ratio Lower Upper

43 100

58 27.5 24.7 37.1



#20

Methylene Chloride

Concen: 7.584 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Tgt Ion: 84 Resp: 15762

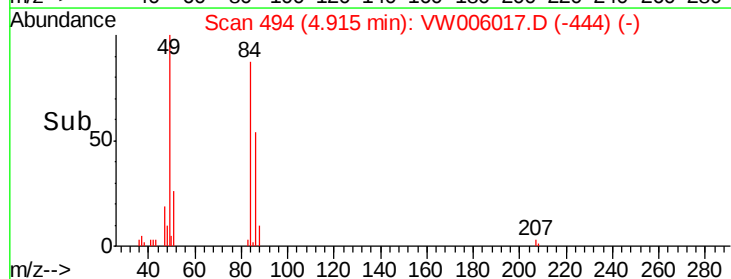
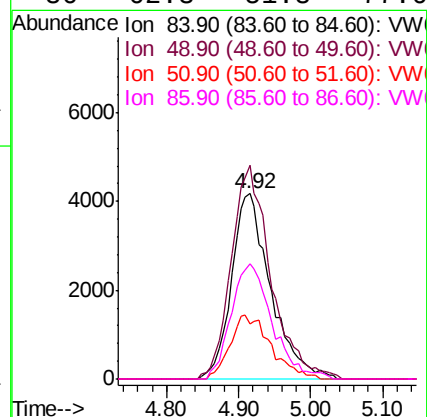
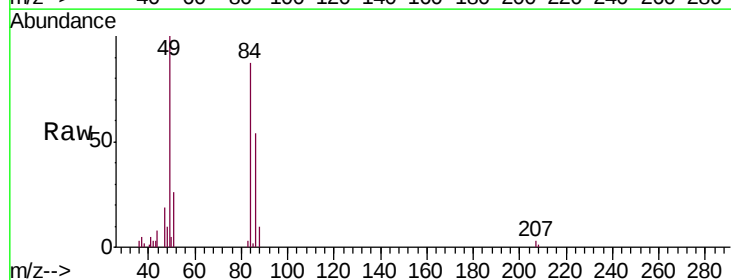
Ion Ratio Lower Upper

84 100

49 115.2 99.9 149.9

51 29.6 31.1 46.7#

86 62.3 51.8 77.6





#25

2-Butanone

Concen: 4.208 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

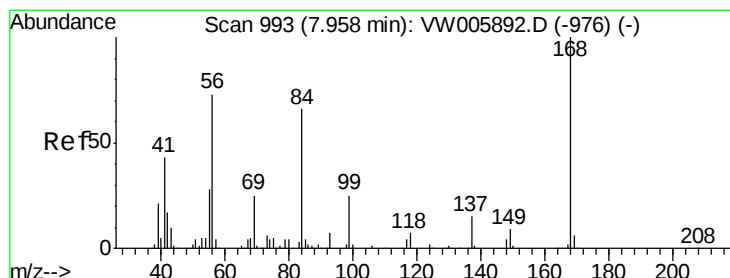
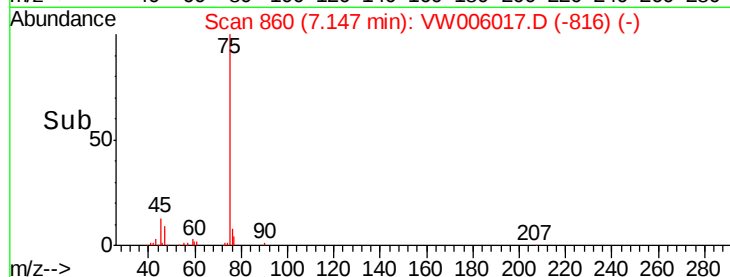
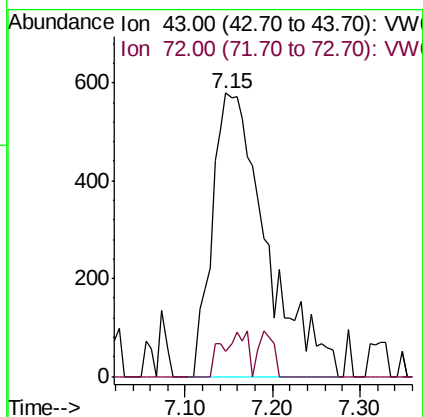
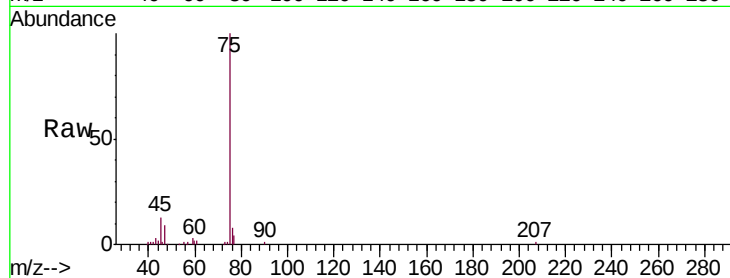
CONCRETE-PILERE

Tgt Ion: 43 Resp: 2483

Ion Ratio Lower Upper

43 100

72 9.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

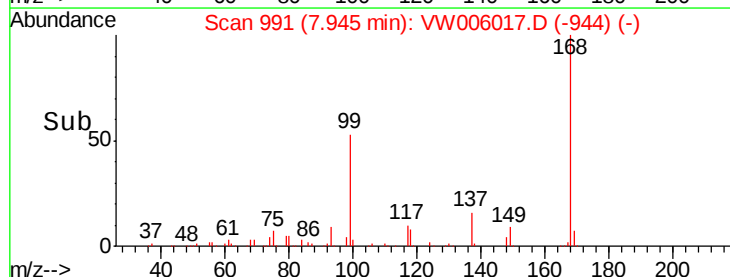
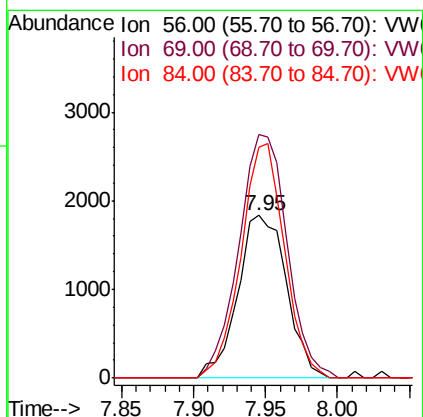
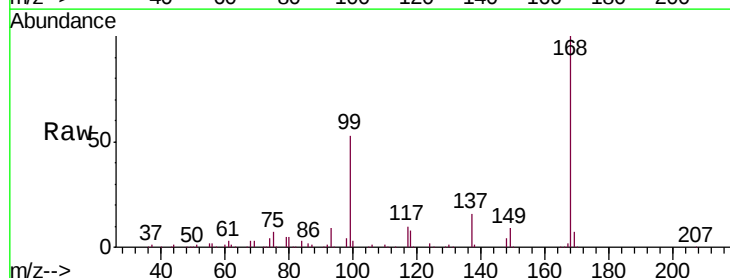
Tgt Ion: 56 Resp: 4307

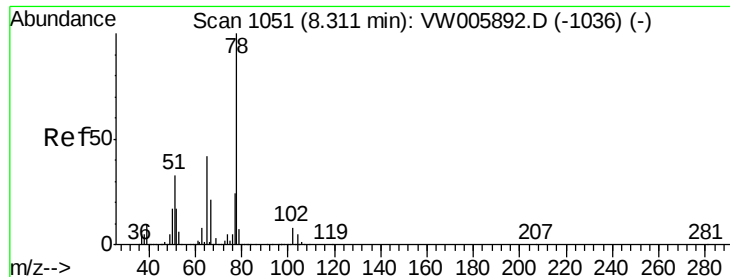
Ion Ratio Lower Upper

56 100

69 150.0 27.9 41.9#

84 142.2 72.3 108.5#





#33

1,2-Dichloroethane-d4

Concen: 53.319 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

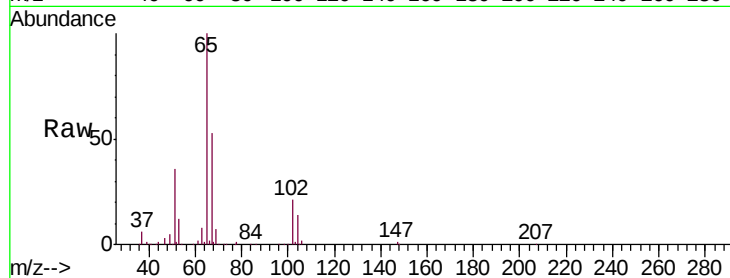
CONCRETE-PILERE

Tgt Ion: 65 Resp: 110733

Ion Ratio Lower Upper

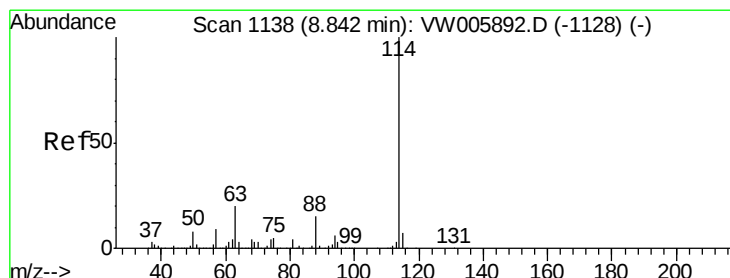
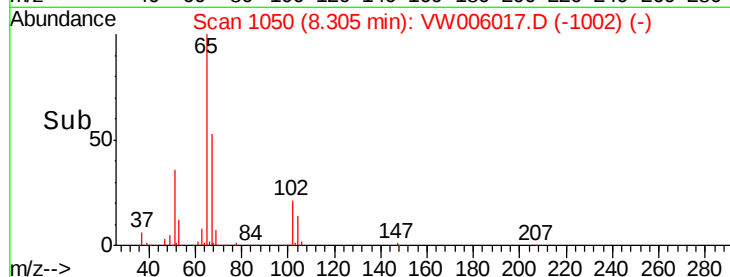
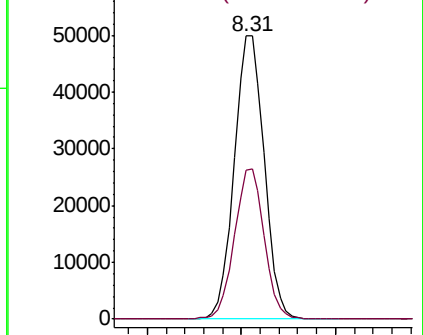
65 100

67 52.7 0.0 104.6



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

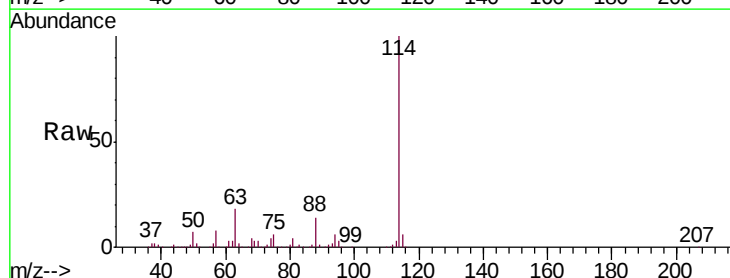
Tgt Ion: 114 Resp: 329414

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

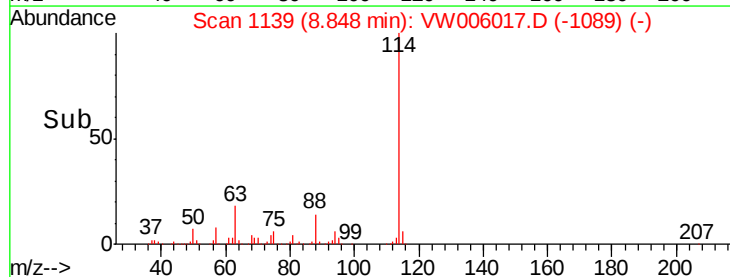
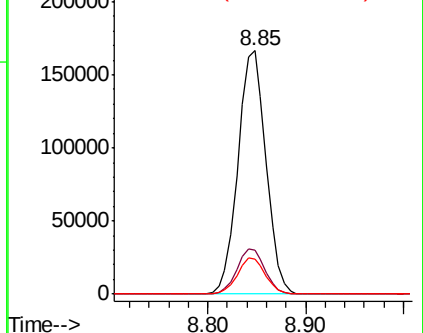
88 14.4 0.0 30.8

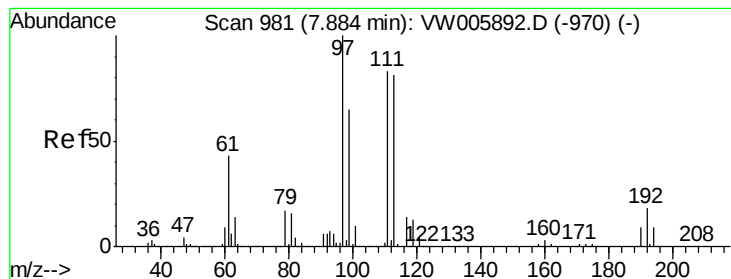


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 0.161 ug/l

RT: 7.94 min Scan# 990

Delta R.T. 0.05 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-PILERE

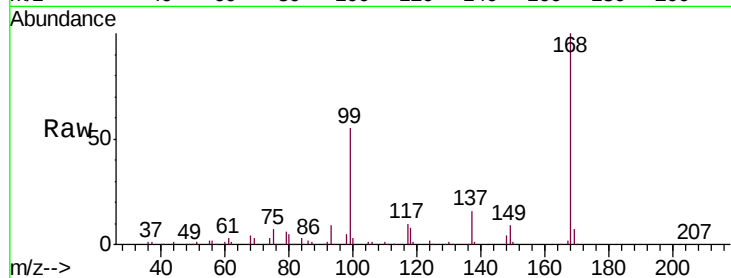
Tgt Ion:113 Resp: 338

Ion Ratio Lower Upper

113 100

111 132.0 82.0 123.0#

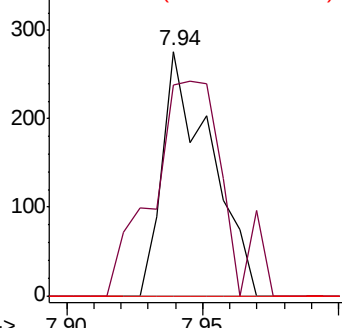
192 0.0 18.3 27.5#



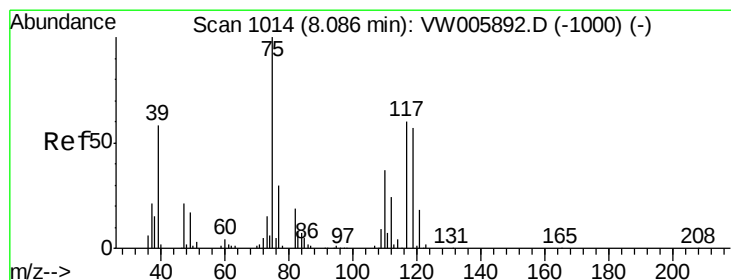
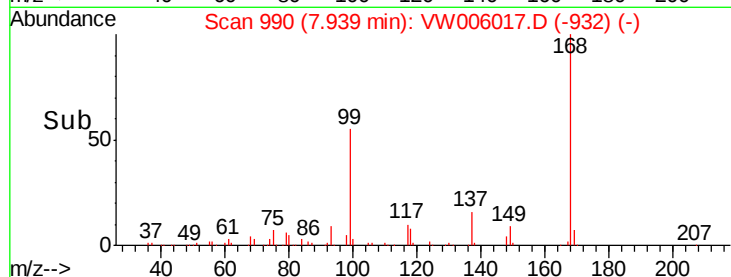
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 4.561 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

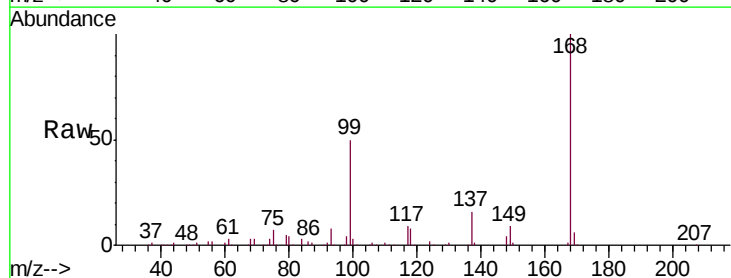
Tgt Ion: 75 Resp: 14395

Ion Ratio Lower Upper

75 100

110 8.7 18.6 56.0#

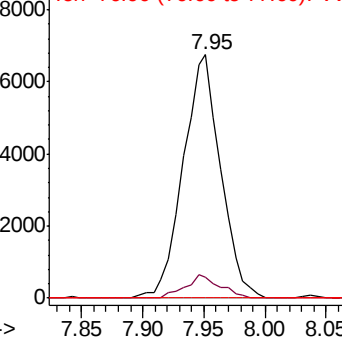
77 0.0 24.7 37.1#



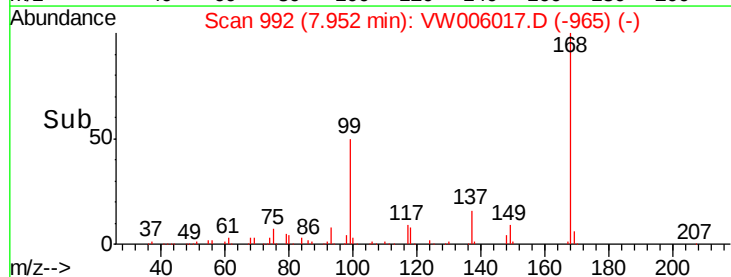
Abundance Ion 74.90 (74.60 to 75.60): VW

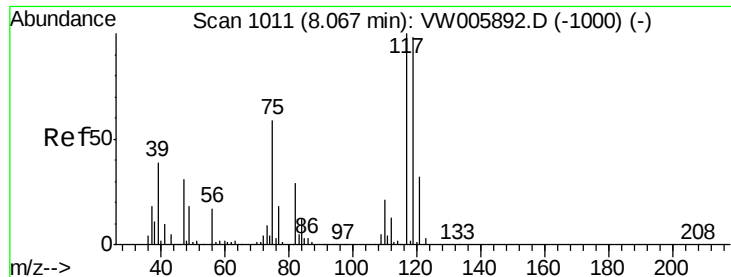
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



Time-->

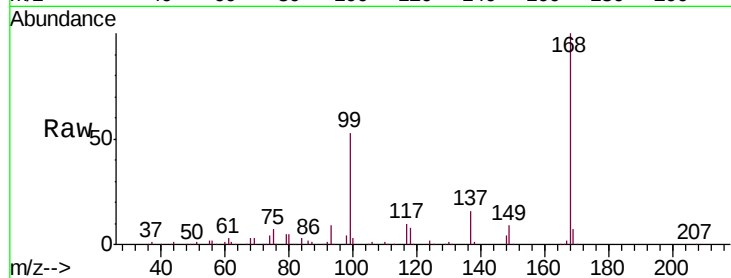




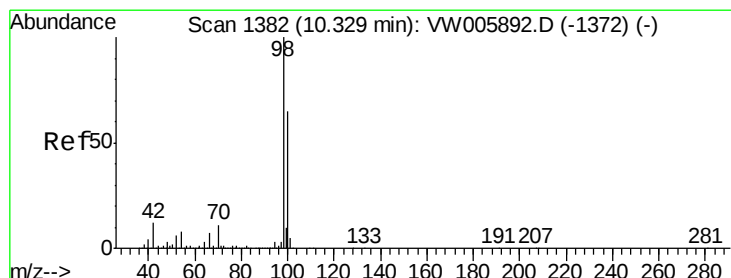
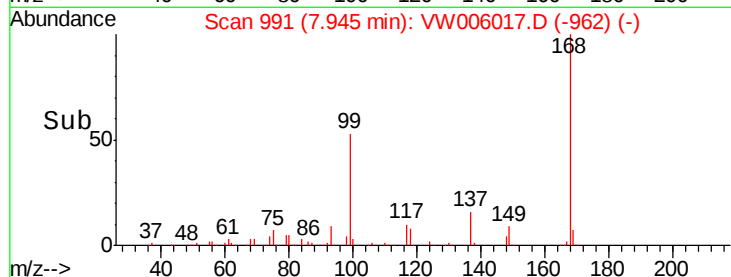
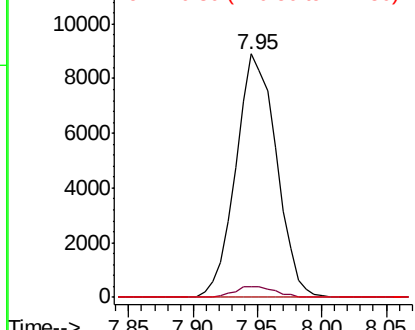
#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW006017.D
Acq: 11 Oct 2018 05:27

Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-PILERE

Tgt Ion:117 Resp: 19422
Ion Ratio Lower Upper
117 100
119 4.2 78.6 117.8#
121 0.0 25.3 37.9#

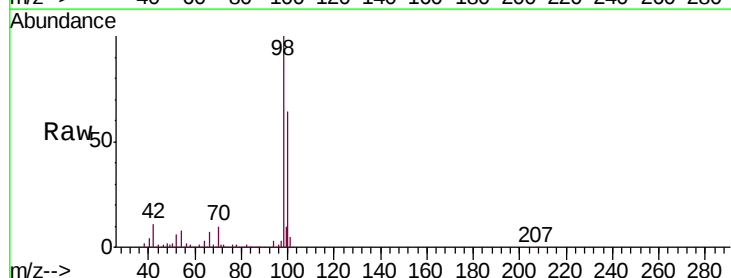


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

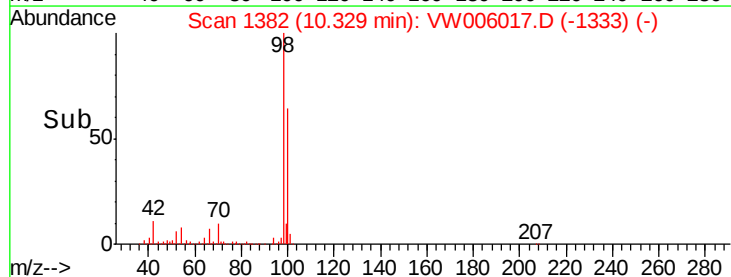
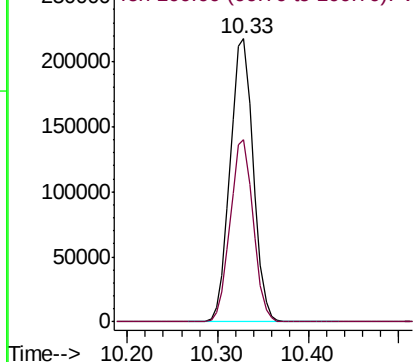


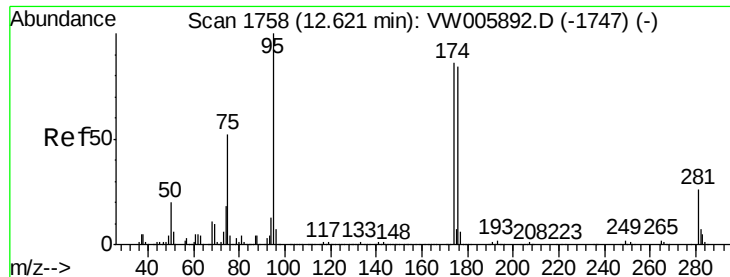
#50
Toluene-d8
Concen: 47.621 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006017.D
Acq: 11 Oct 2018 05:27

Tgt Ion: 98 Resp: 385341
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



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

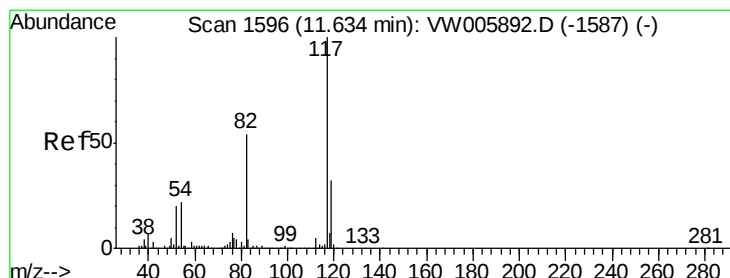
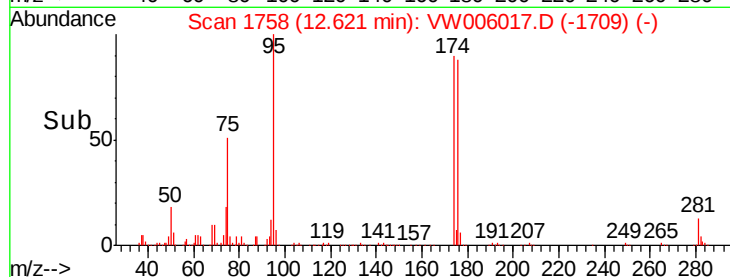
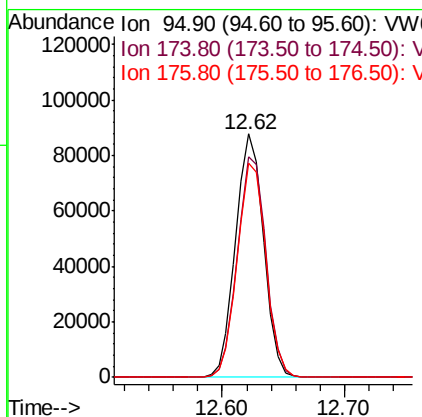
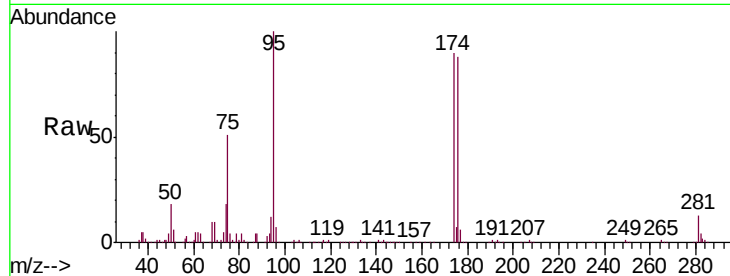




#62
4-Bromofluorobenzene
Concen: 45.142 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006017.D
Acq: 11 Oct 2018 05:27

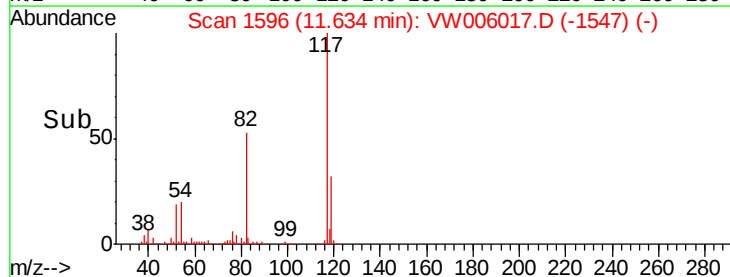
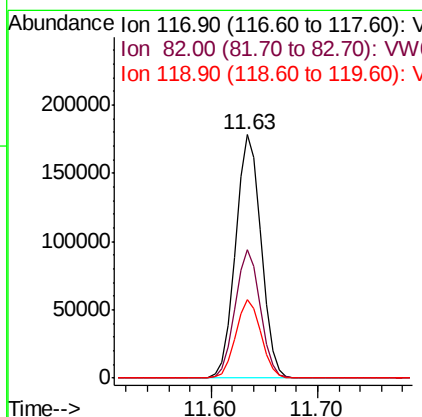
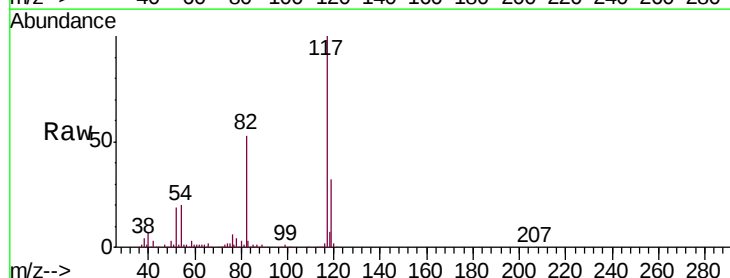
Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-PILERE

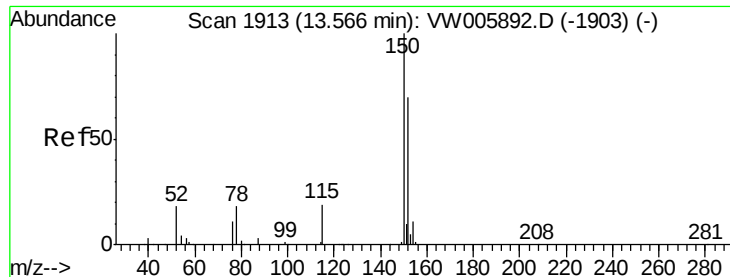
Tgt Ion: 95 Resp: 138974
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.4
176 89.7 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006017.D
Acq: 11 Oct 2018 05:27

Tgt Ion: 117 Resp: 300605
Ion Ratio Lower Upper
117 100
82 52.9 43.5 65.3
119 32.5 25.4 38.2

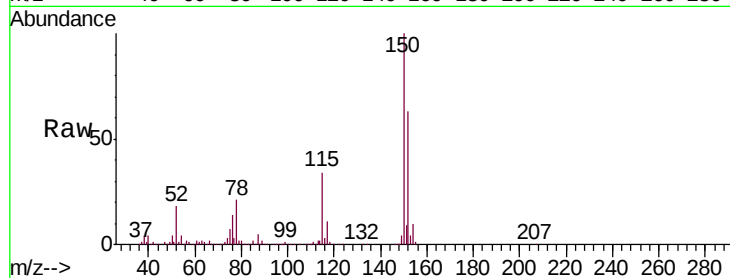




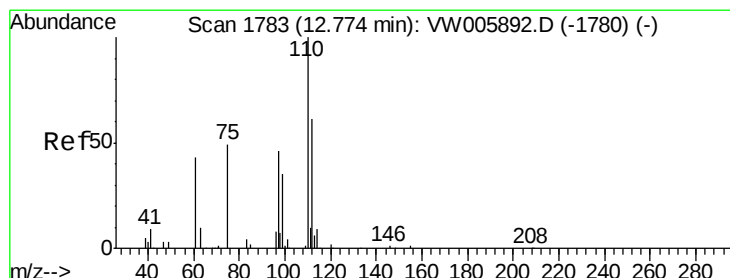
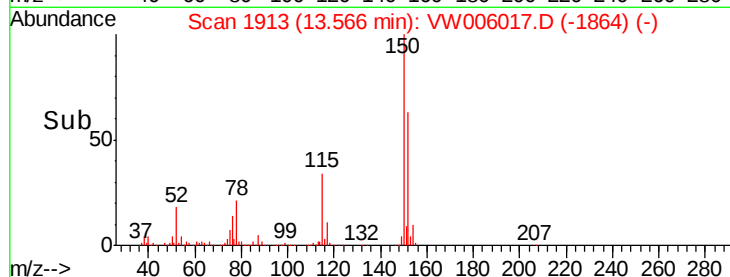
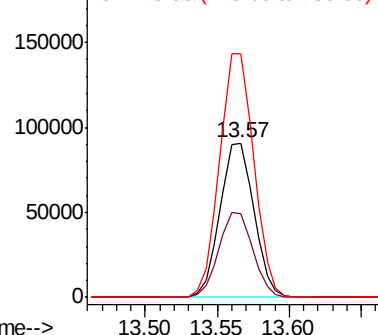
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006017.D
 Acq: 11 Oct 2018 05:27

Instrument :
 MSVOA_W
 ClientSampleId :
 CONCRETE-PILERE

Tgt Ion:152 Resp: 148189
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.3 85.0
 150 158.7 0.0 349.2

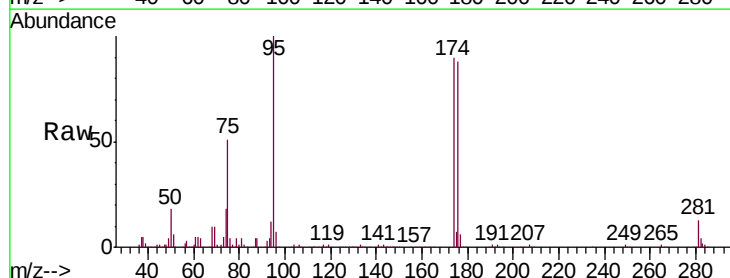


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

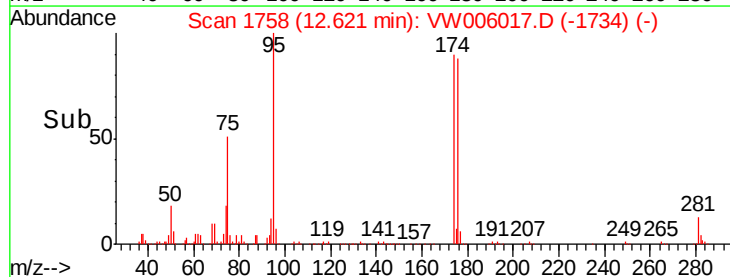
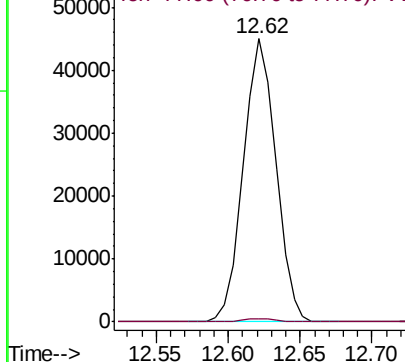


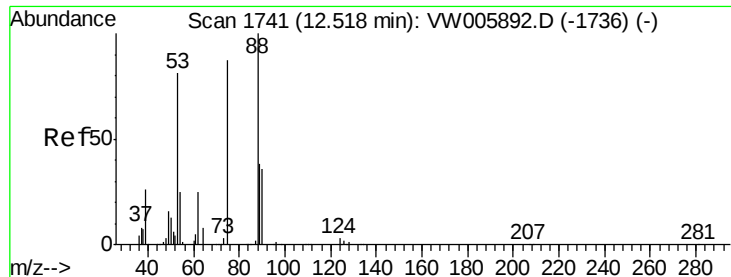
#76
 1,2,3-Trichloropropane
 Concen: 53.311 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006017.D
 Acq: 11 Oct 2018 05:27

Tgt Ion: 75 Resp: 70570
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 112.546 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006017.D

Acq: 11 Oct 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-PILERE

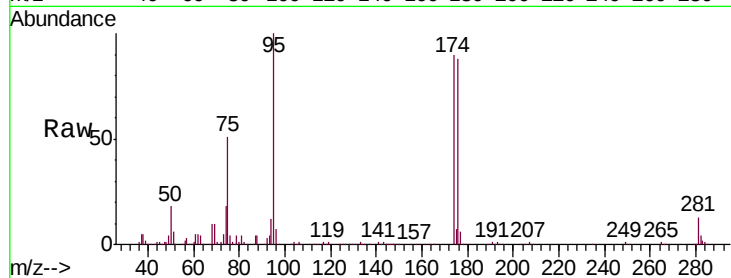
Tgt Ion: 75 Resp: 70570

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

