

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003980.D
 Acq On : 17 Jul 2018 13:08
 Operator : VA/AP
 Sample : J3958-07RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-CONCRETERE

Quant Time: Jul 17 13:46:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139739	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	131710	66.93	ug/l	0.00
Spiked Amount			Recovery	=	133.86%	
35) Dibromofluoromethane	7.95	113	331	0.17	ug/l	0.07
Spiked Amount			Recovery	=	0.34%	
50) Toluene-d8	10.33	98	381371	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.63	95	130661	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

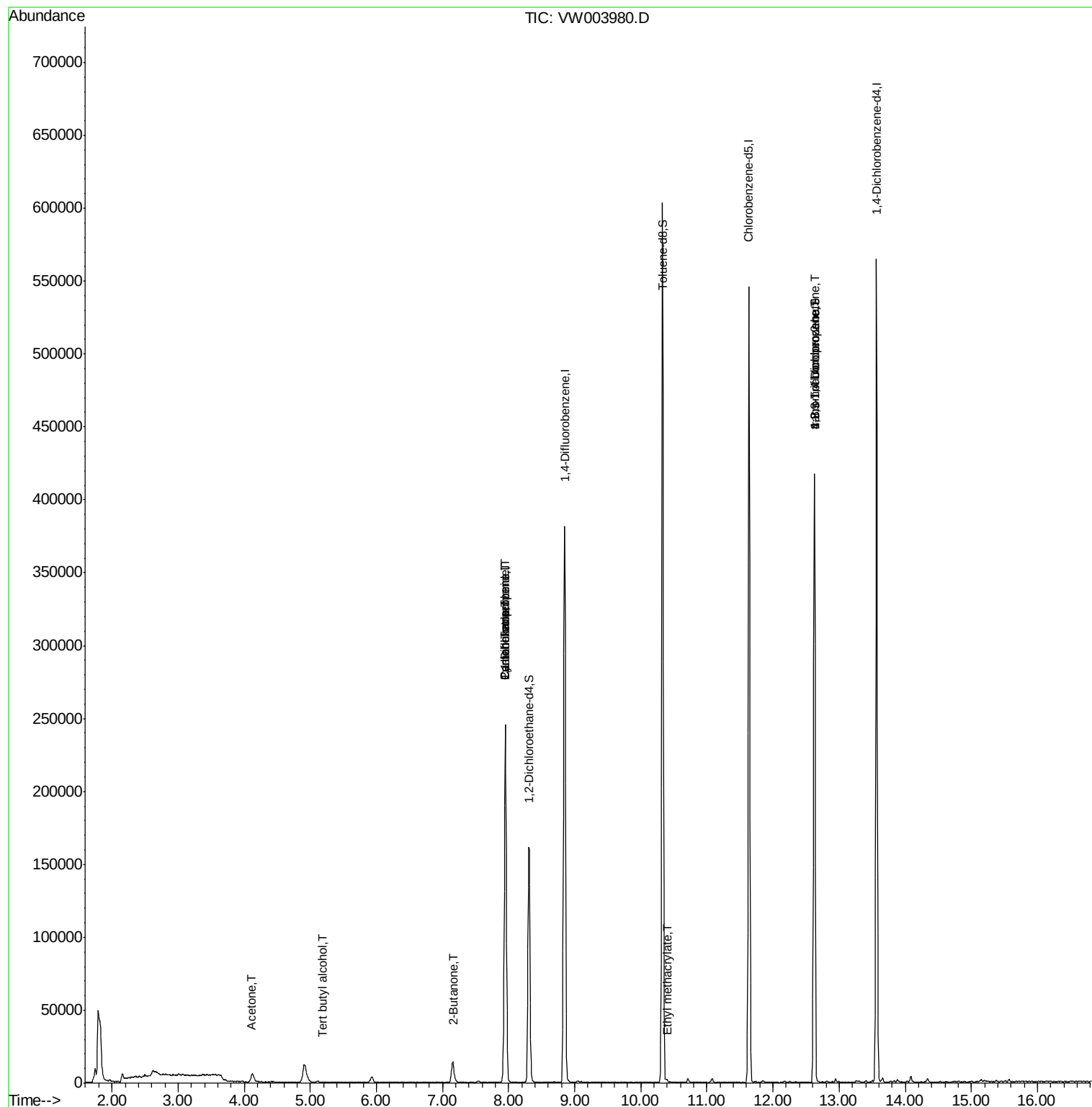
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	300	2.21	ug/l	# 72
16) Acetone	4.12	43	11023	23.31	ug/l	99
20) Methylene Chloride	4.90	84	11380	Below	Cal	89
25) 2-Butanone	7.18	43	1136	1.79	ug/l	94
31) Cyclohexane	7.95	56	4546	1.39	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	15023	4.71	ug/l	# 50
38) Carbon Tetrachloride	7.95	117	17891	6.00	ug/l	# 17
56) Ethyl methacrylate	10.40	69	23	2.96	ug/l	# 1
76) 1,2,3-Trichloropropane	12.63	75	70183	50.59	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	70183	111.90	ug/l	# 11

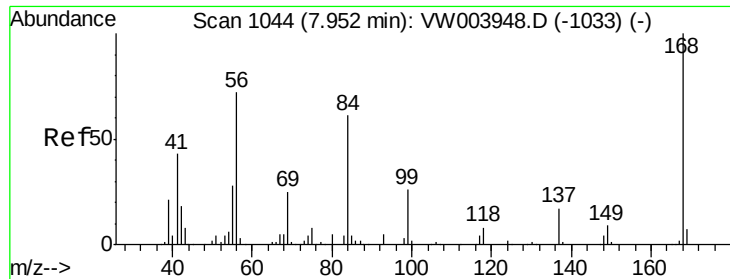
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Acq On : 17 Jul 2018 13:08
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Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
CS-CONCRETERE

Quant Time: Jul 17 13:46:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 17 11:52:50 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

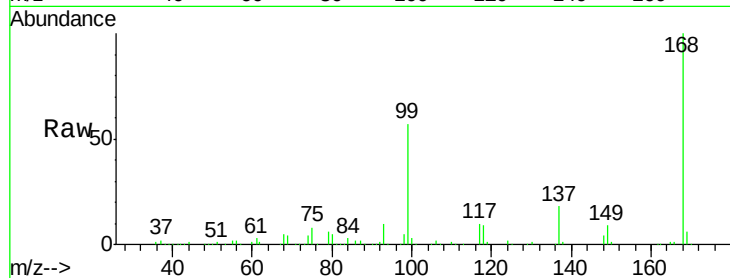
CS-CONCRETERE

Tot Ion:168 Resp: 176060

Ion Ratio Lower Upper

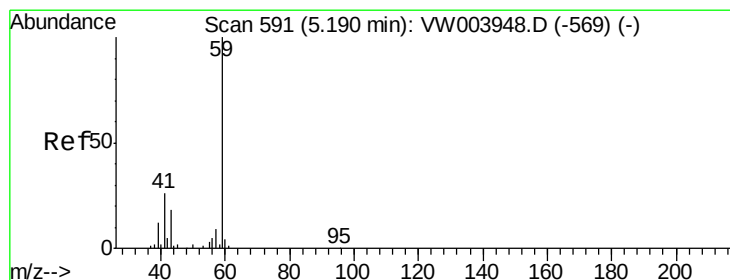
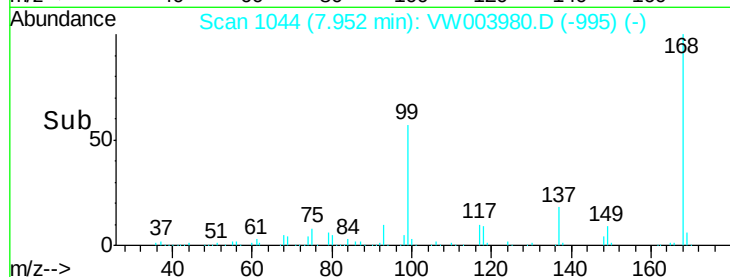
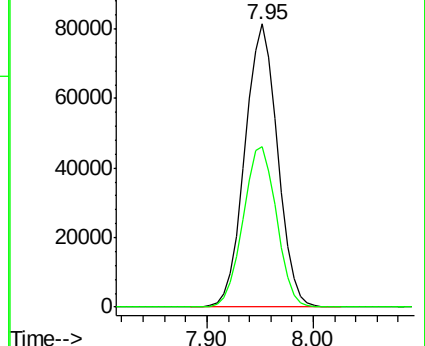
168 100

99 56.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.21 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW003980.D

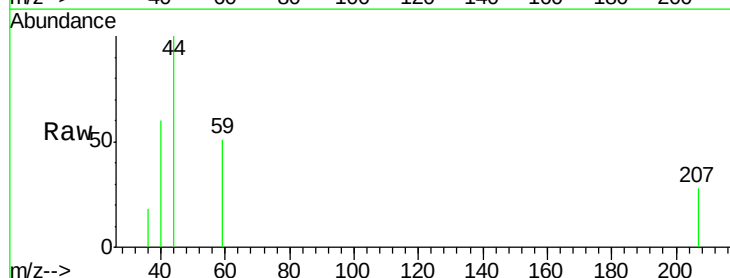
Acq: 17 Jul 2018 13:08

Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

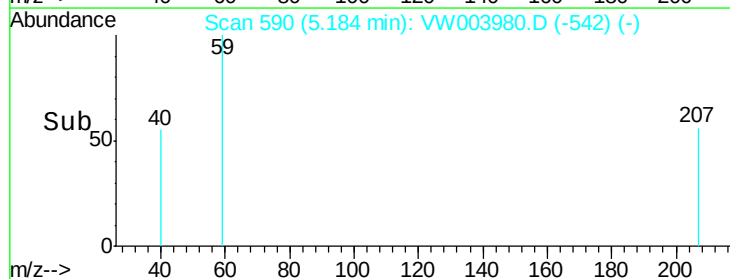
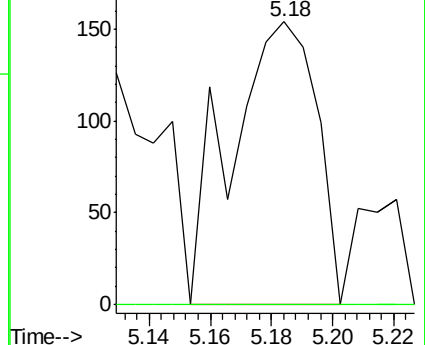
59 100

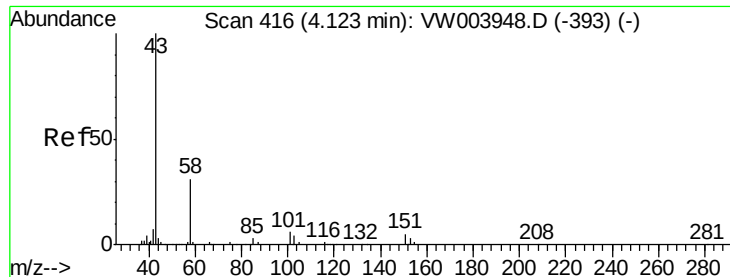
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 23.31 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

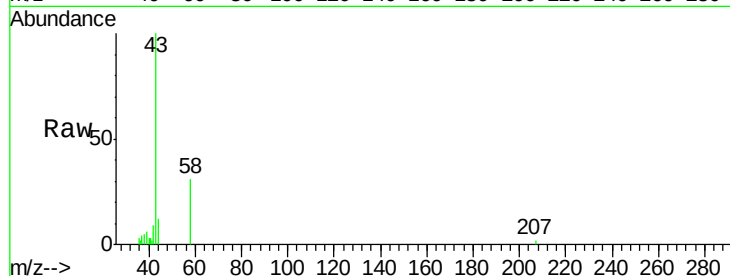
CS-CONCRETE

Tot Ion: 43 Resp: 11023

Ion Ratio Lower Upper

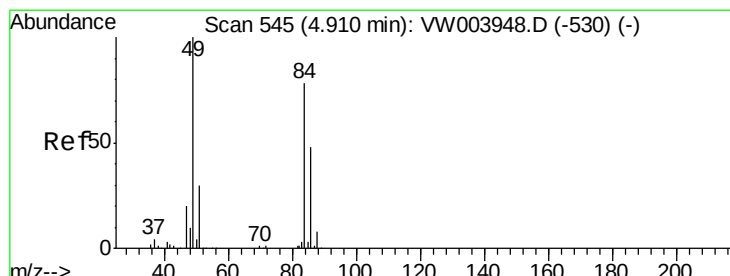
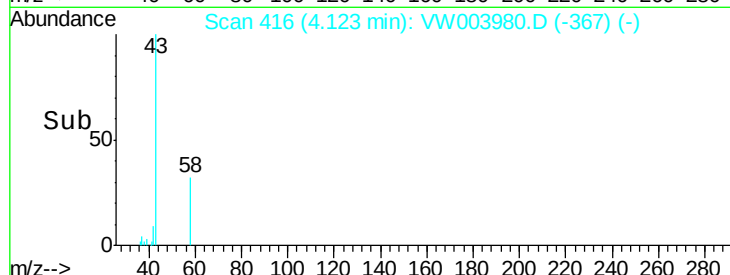
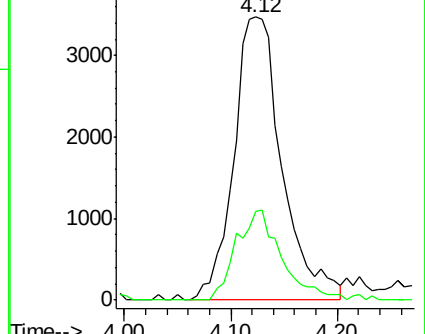
43 100

58 31.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Tgt Ion: 84 Resp: 11380

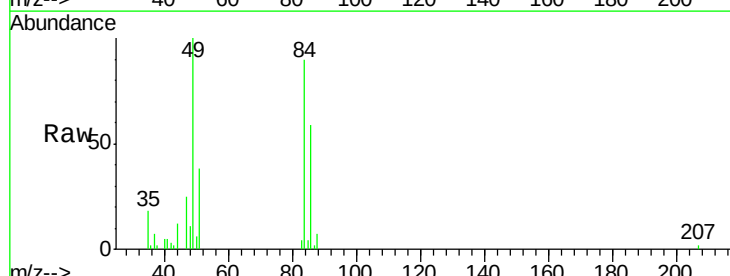
Ion Ratio Lower Upper

84 100

49 110.9 102.9 154.3

51 42.2 30.9 46.3

86 65.7 49.9 74.9

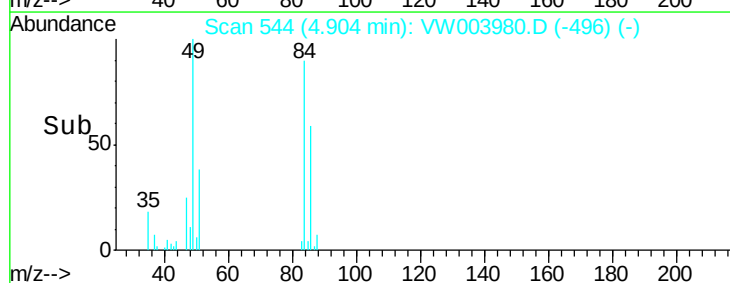
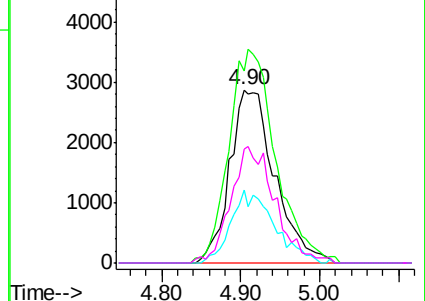


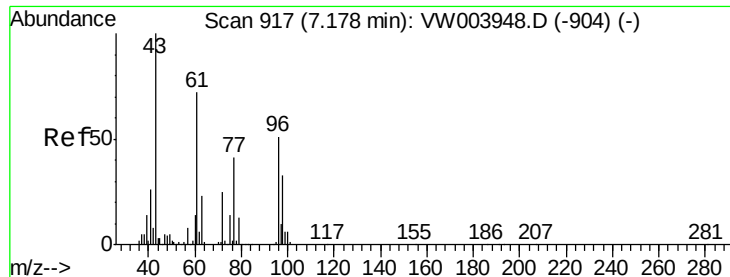
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 1.79 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

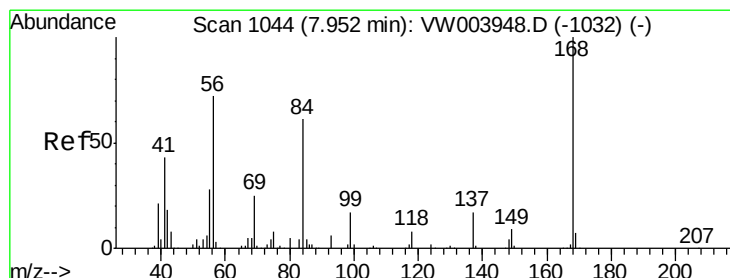
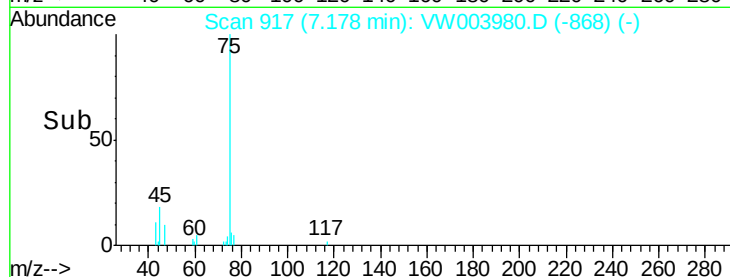
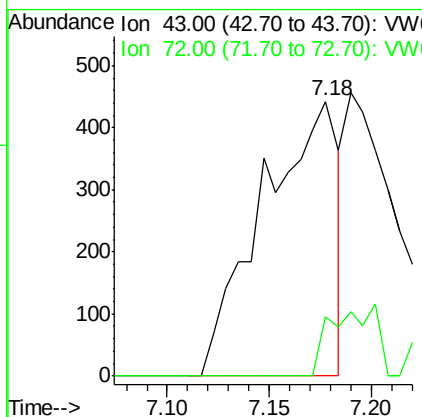
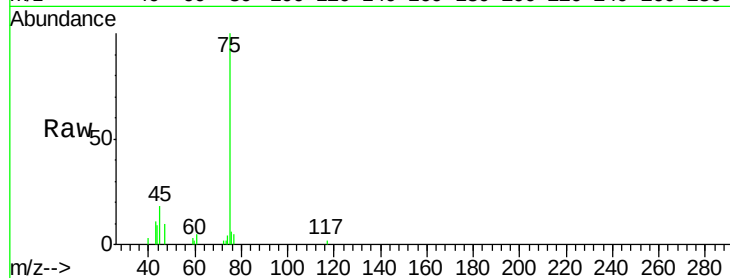
CS-CONCRETE

Tot Ion: 43 Resp: 1136

Ion Ratio Lower Upper

43 100

72 21.7 19.8 29.6



#31

Cyclohexane

Concen: 1.39 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

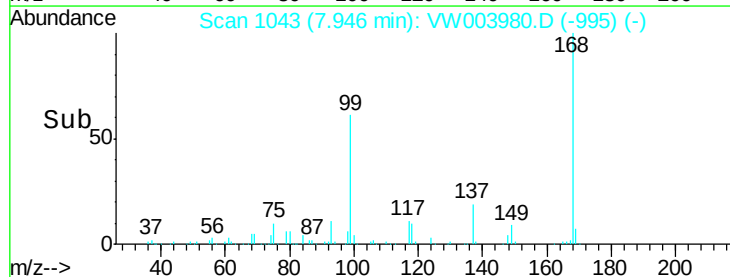
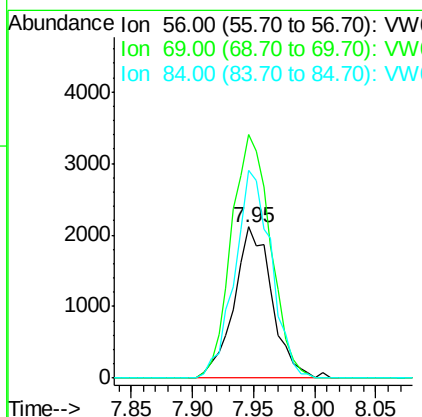
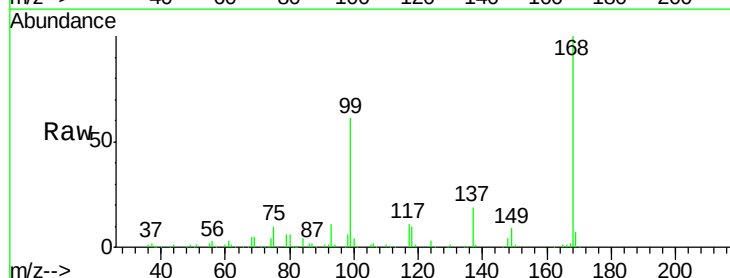
Tgt Ion: 56 Resp: 4546

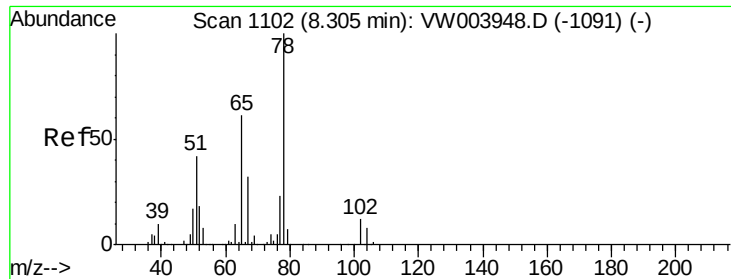
Ion Ratio Lower Upper

56 100

69 160.8 27.8 41.8#

84 137.5 67.2 100.8#

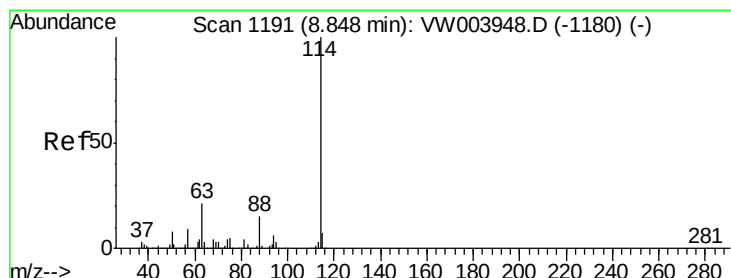
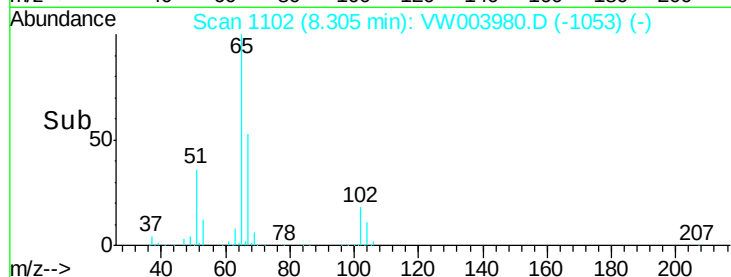
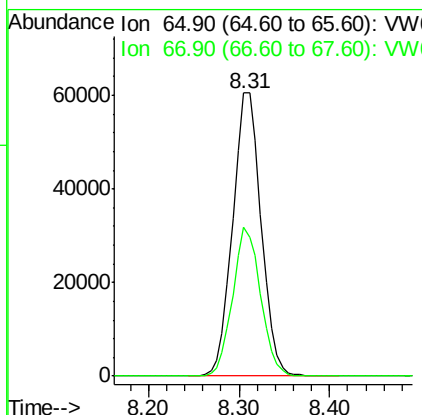
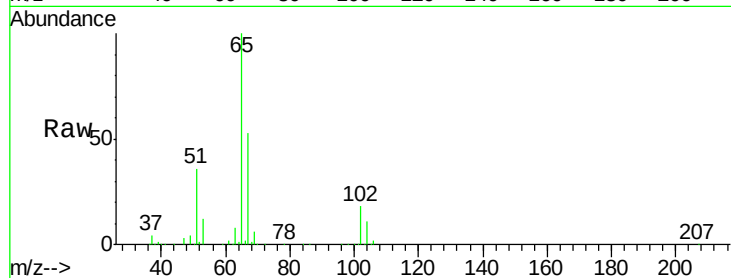




#33
 1,2-Dichloroethane-d4
 Concen: 66.93 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003980.D
 Acq: 17 Jul 2018 13:08

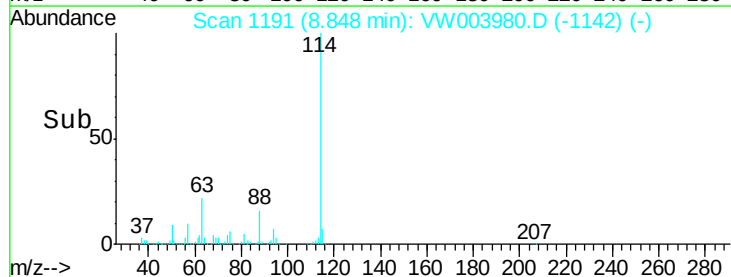
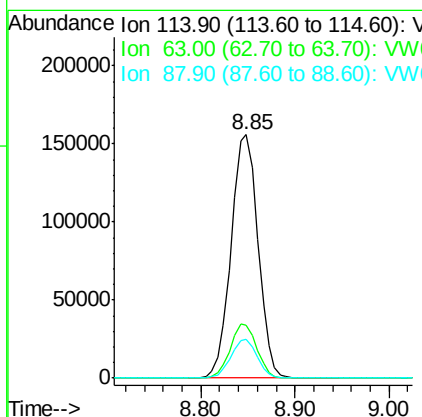
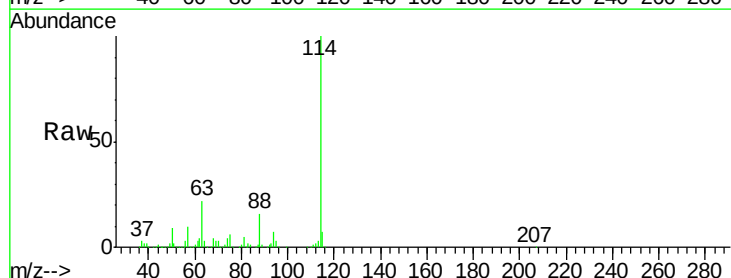
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-CONCRETE

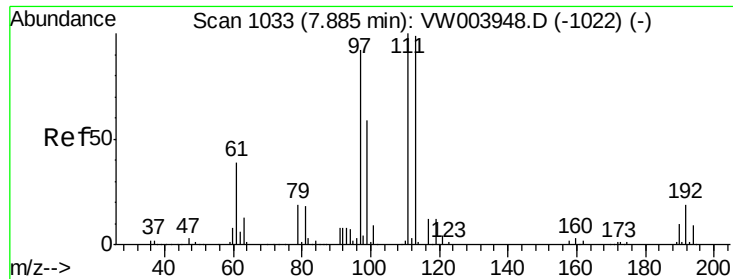
Tot Ion: 65 Resp: 131710
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003980.D
 Acq: 17 Jul 2018 13:08

Tgt Ion: 114 Resp: 310236
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 15.7 0.0 30.4

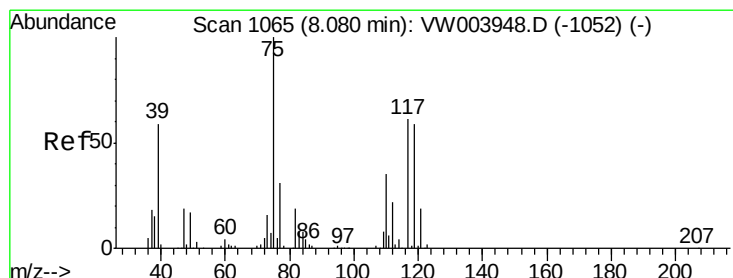
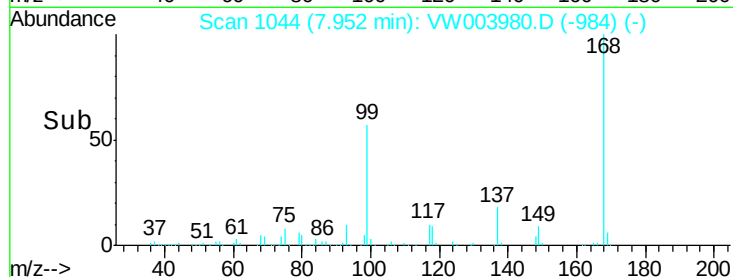
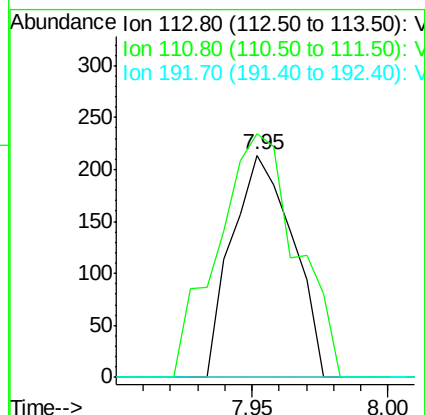
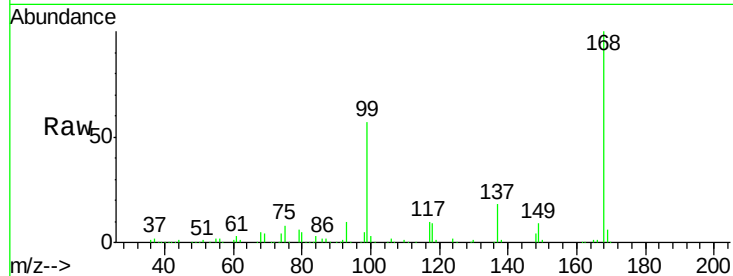




#35
 Dibromofluoromethane
 Concen: 0.17 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. 0.07 min
 Lab File: VW003980.D
 Acq: 17 Jul 2018 13:08

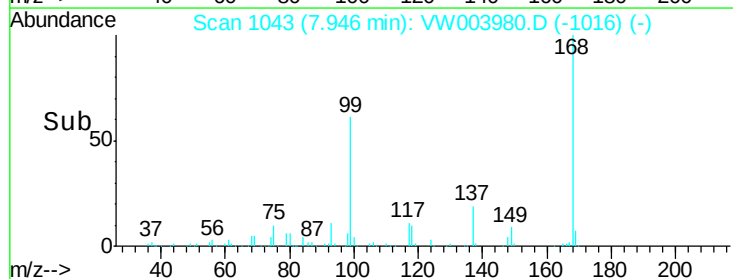
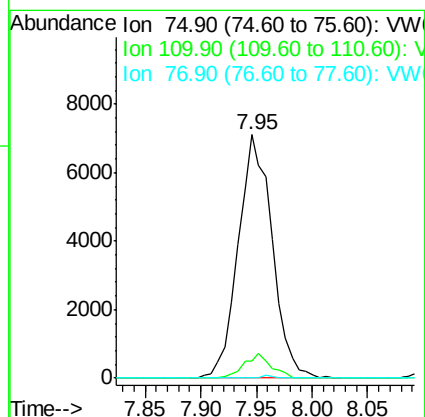
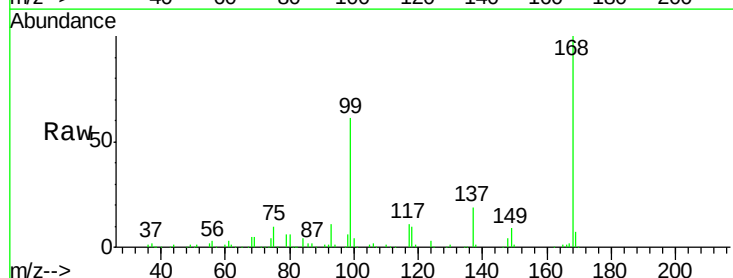
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-CONCRETE

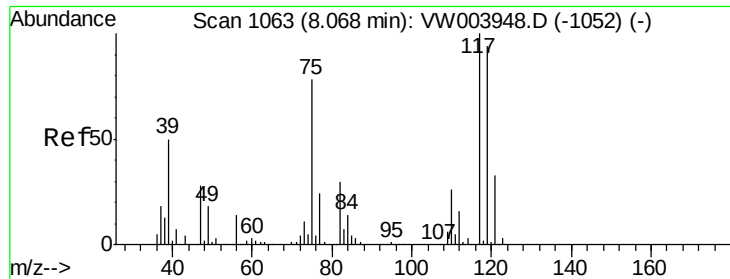
Tot Ion:113 Resp: 331
 Ion Ratio Lower Upper
 113 100
 111 142.9 81.3 121.9#
 192 0.0 15.8 23.6#



#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003980.D
 Acq: 17 Jul 2018 13:08

Tgt Ion: 75 Resp: 15023
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.0 51.0#
 77 0.4 24.9 37.3#

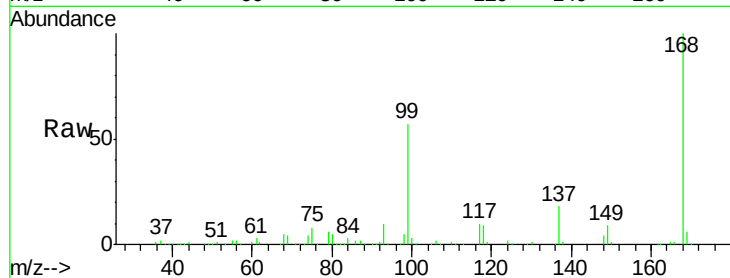




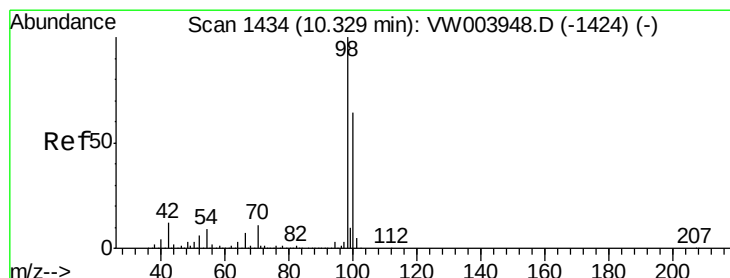
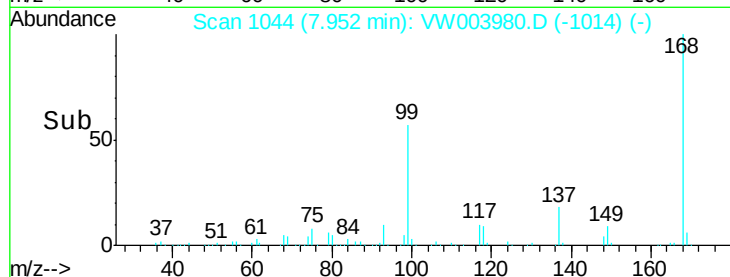
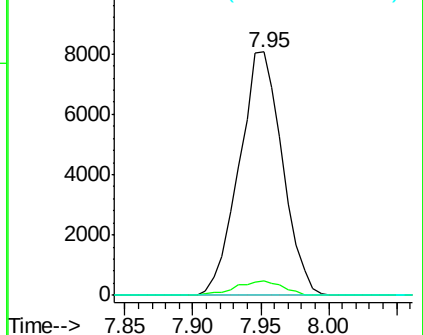
#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

Instrument :
MSVOA_W
ClientSampleId :
CS-CONCRETE

Tot Ion:117 Resp: 17891
Ion Ratio Lower Upper
117 100
119 6.0 75.3 112.9#
121 0.0 26.0 39.0#

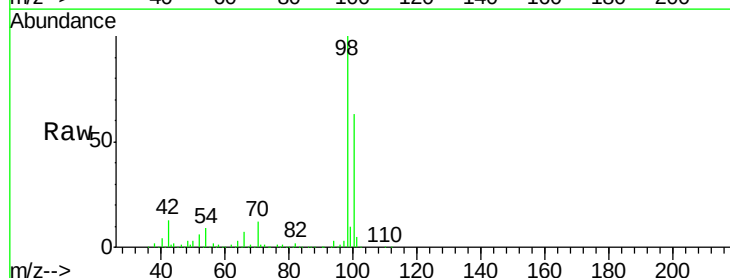


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

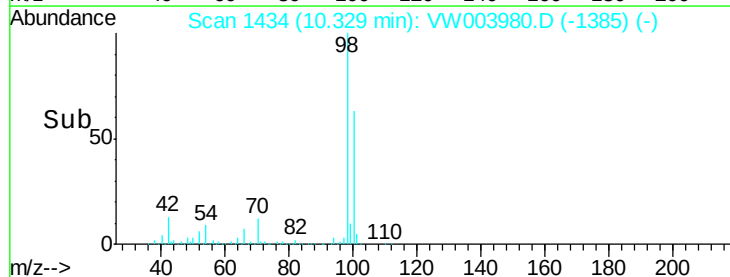
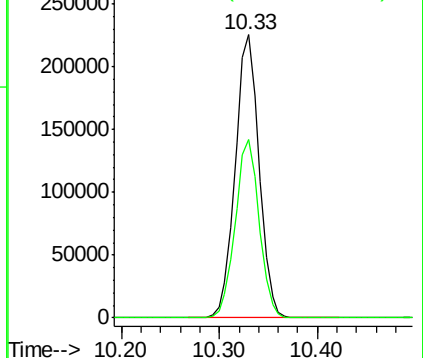


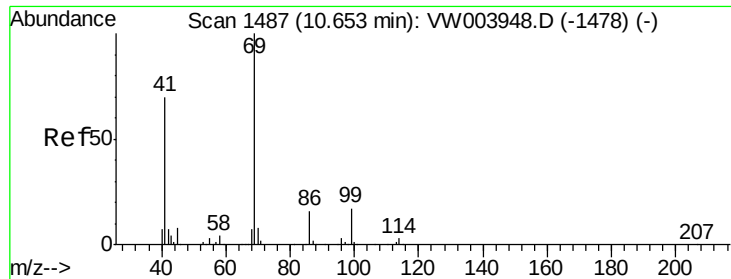
#50
Toluene-d8
Concen: 49.38 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

Tgt Ion: 98 Resp: 381371
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8



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

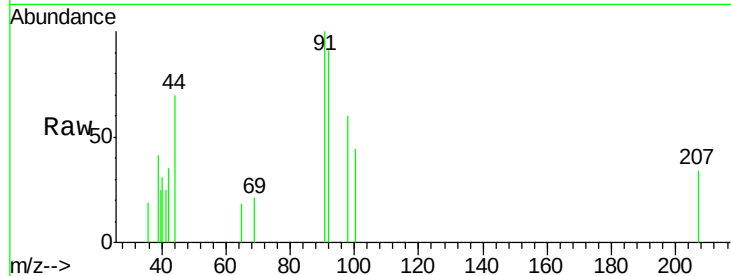




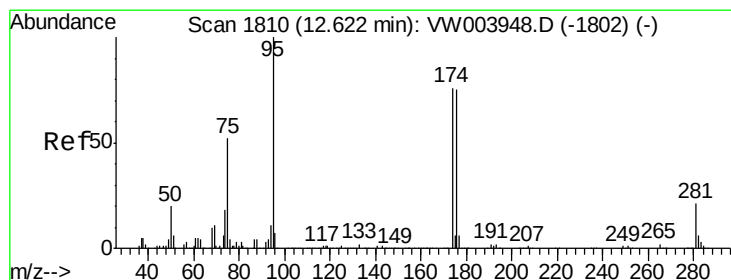
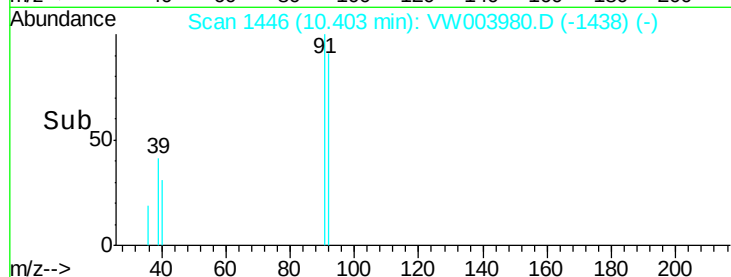
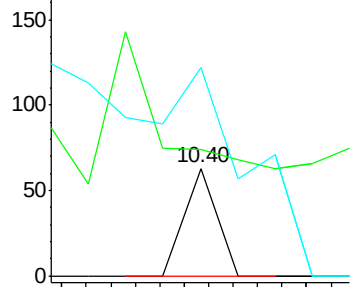
#56
Ethyl methacrylate
Concen: 2.96 ug/l
RT: 10.40 min Scan# 1446
Delta R.T. -0.25 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

Instrument :
MSVOA_W
ClientSampleId :
CS-CONCRETE

Tot Ion: 69 Resp: 23
Ion Ratio Lower Upper
69 100
41 304.3 56.5 84.7#
39 0.0 30.2 45.4#

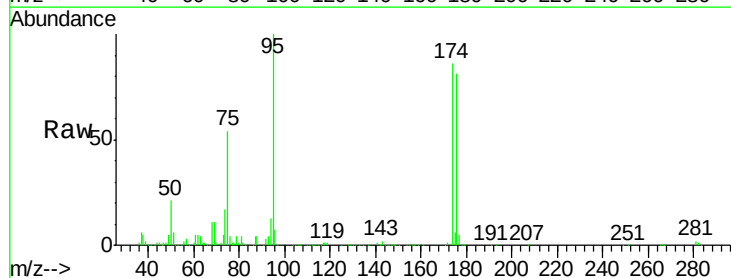


Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW

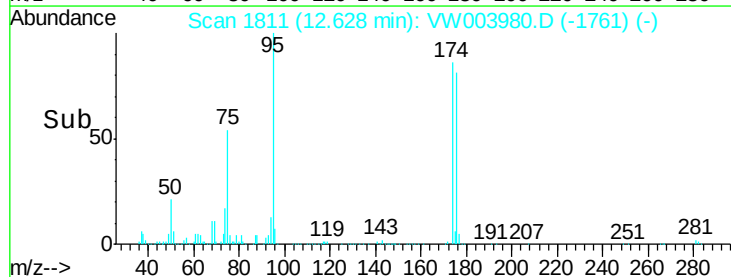
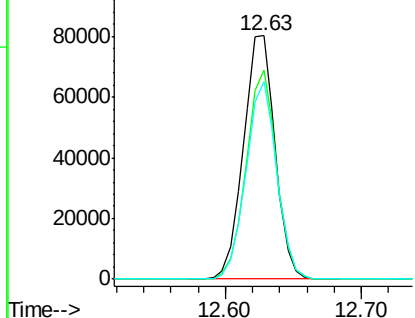


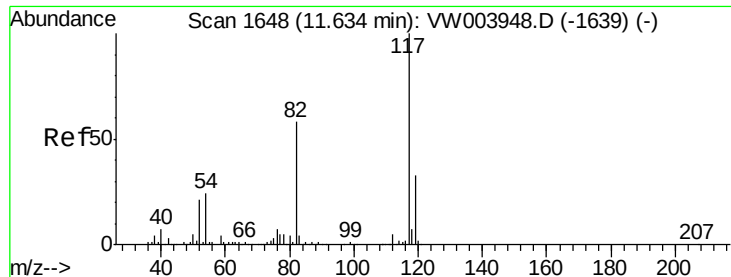
#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

Tgt Ion: 95 Resp: 130661
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.2
176 78.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

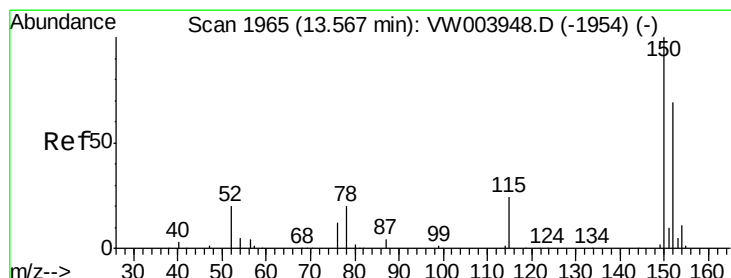
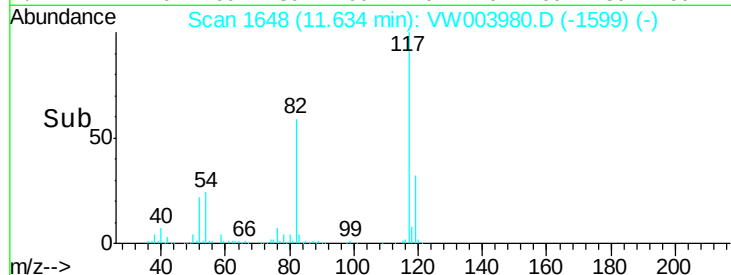
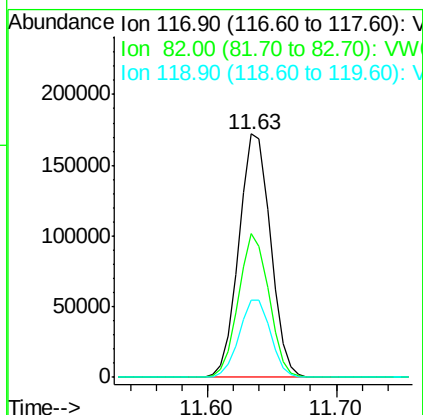
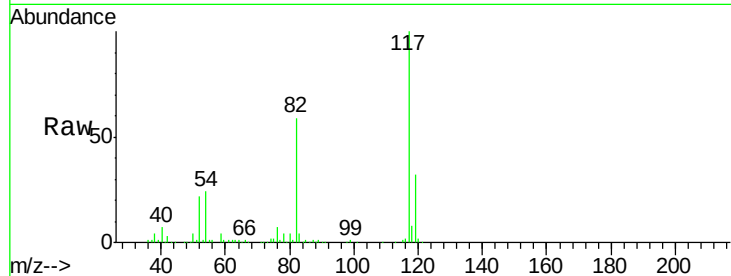




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

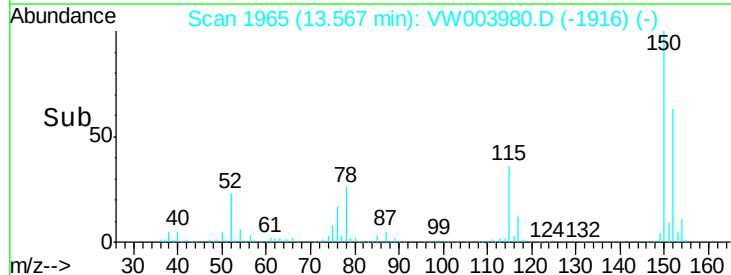
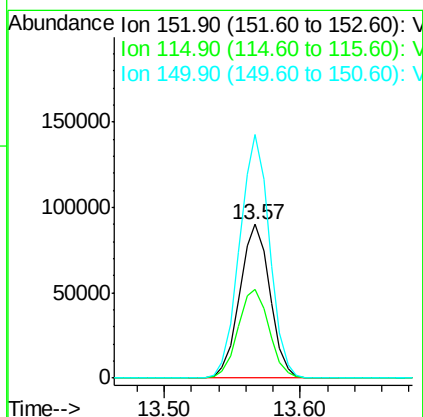
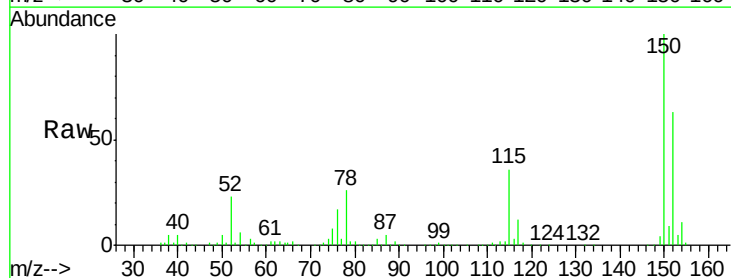
Instrument :
MSVOA_W
ClientSampleId :
CS-CONCRETE

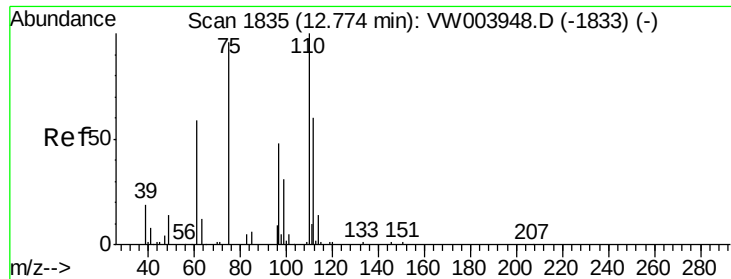
Tot Ion:117 Resp: 292699
Ion Ratio Lower Upper
117 100
82 59.3 46.5 69.7
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003980.D
Acq: 17 Jul 2018 13:08

Tgt Ion:152 Resp: 139739
Ion Ratio Lower Upper
152 100
115 58.8 29.2 87.6
150 156.8 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 50.59 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Instrument :

MSVOA_W

ClientSampleId :

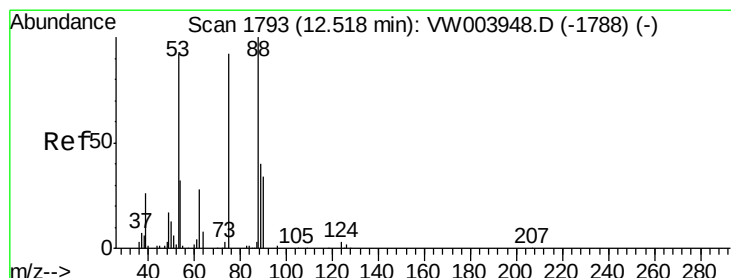
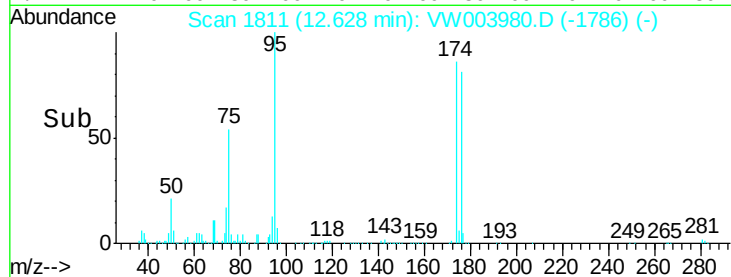
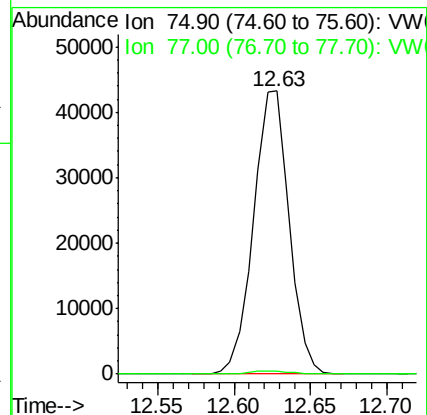
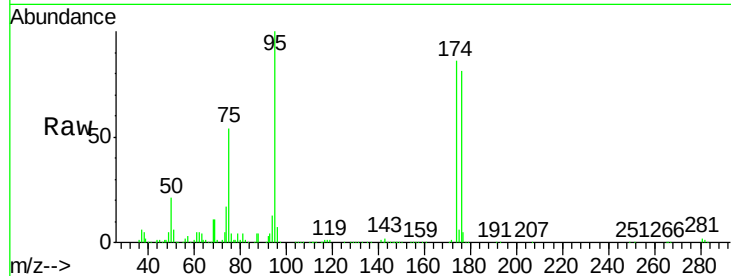
CS-CONCRETE

Tot Ion: 75 Resp: 70183

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.90 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003980.D

Acq: 17 Jul 2018 13:08

Tgt Ion: 75 Resp: 70183

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 36.6 54.8#

