

Data File : VW011175.D
Acq On : 09 Jul 2019 13:27
Operator : SY/VA
Sample : K3687-02RE
Misc : 4.99G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-RBR-251685RE

Quant Time: Jul 10 04:29:55 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	192299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124724	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.88	113	45884	23.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.20%	
50) Toluene-d8	10.32	98	404023	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.62	95	133350	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

Target Compounds

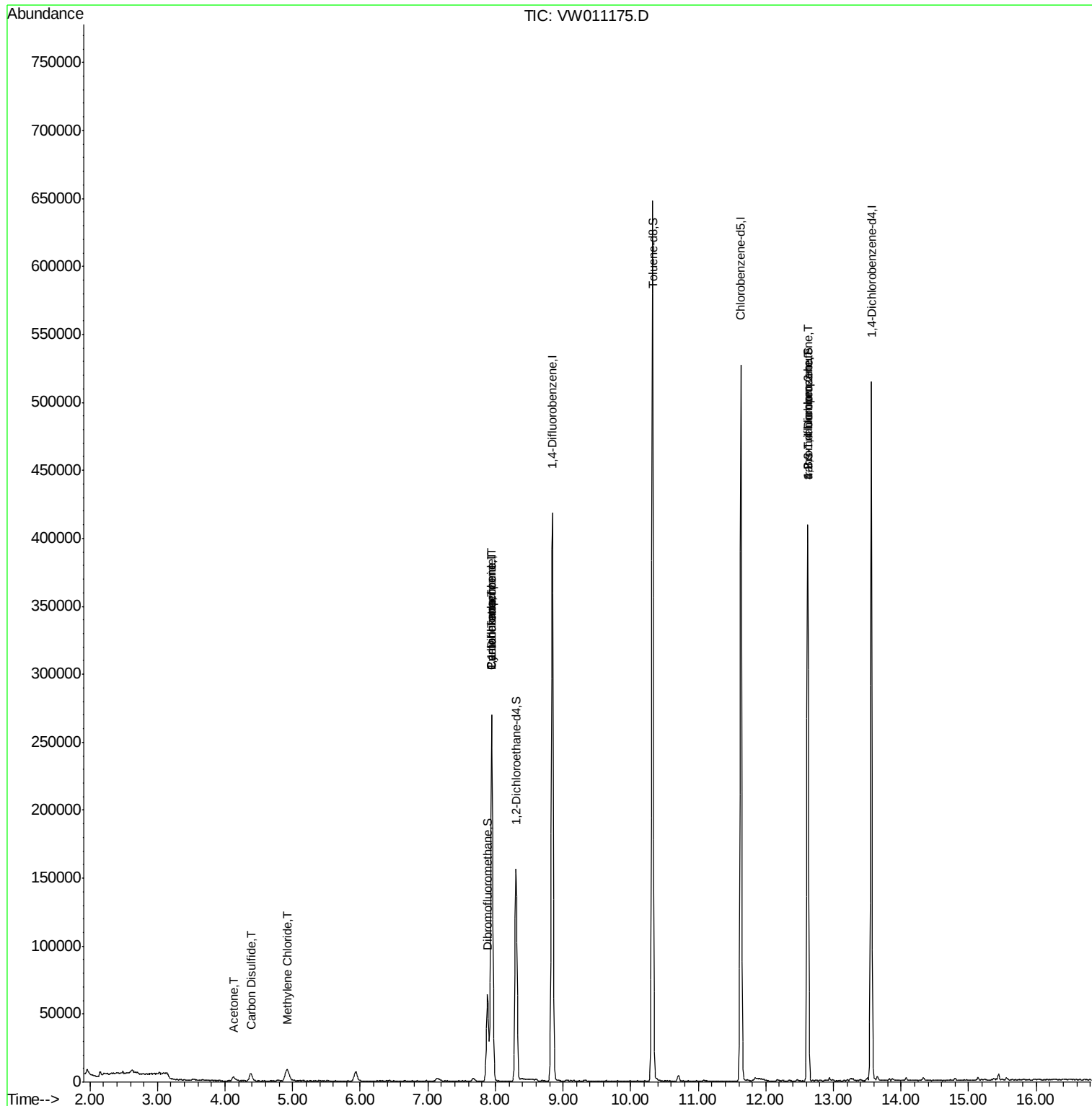
						Qvalue
16) Acetone	4.12	43	5938	10.213	ug/l	95
17) Carbon Disulfide	4.38	76	11026	1.702	ug/l	95
18) Methyl Acetate	4.68	43	218	Below Cal	#	57
20) Methylene Chloride	4.91	84	7477	3.260	ug/l #	78
31) Cyclohexane	7.95	56	5025	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16860	4.854	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18986	6.447	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	72749	52.072	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72749	117.776	ug/l #	5

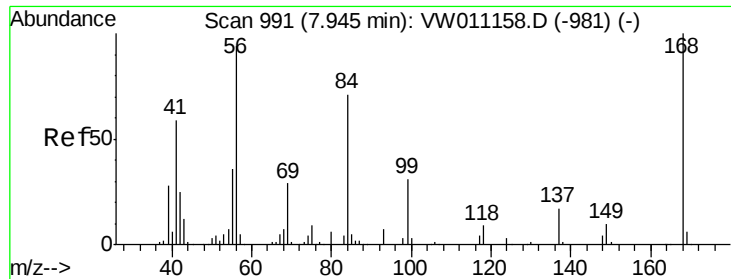
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011175.D

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Instrument :

MSVOA_W

ClientSampleId :

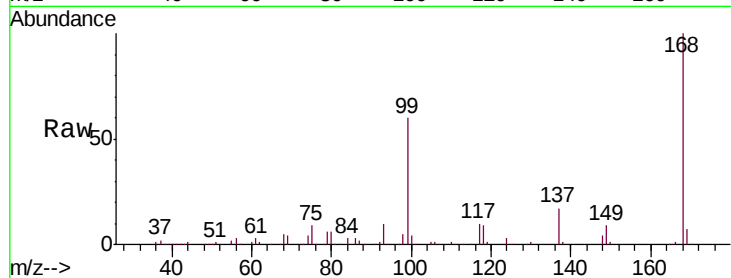
CONCRETE-RBR-251685RE

Tgt Ion:168 Resp: 192299

Ion Ratio Lower Upper

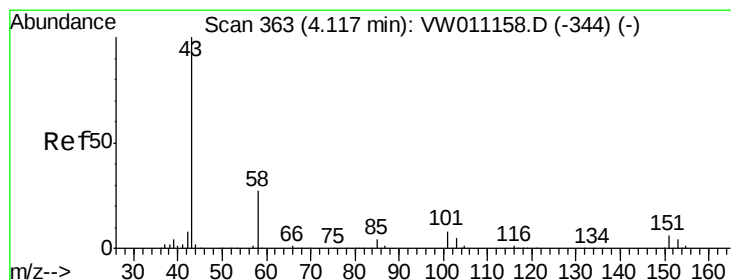
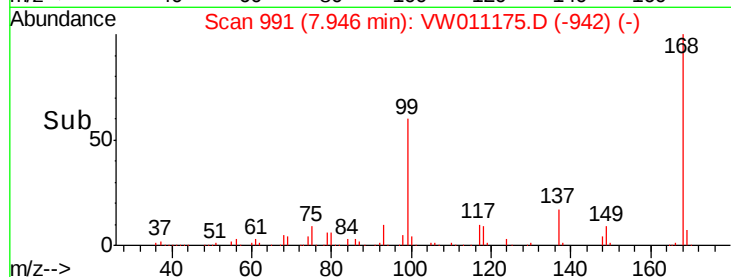
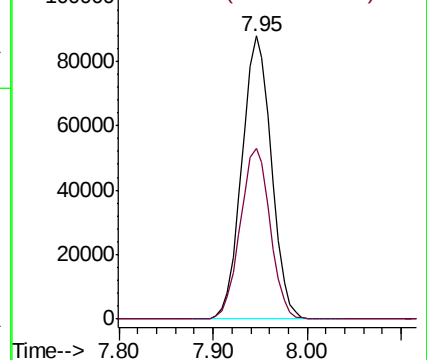
168 100

99 60.1 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.213 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011175.D

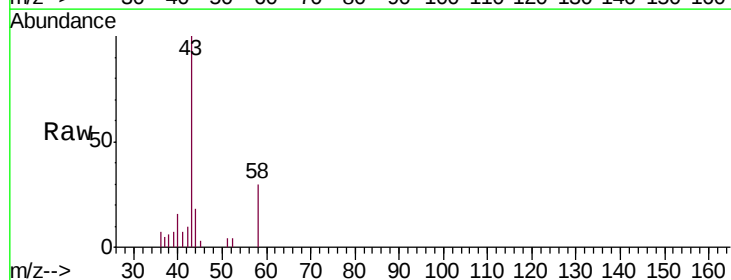
Acq: 09 Jul 2019 13:27

Tgt Ion: 43 Resp: 5938

Ion Ratio Lower Upper

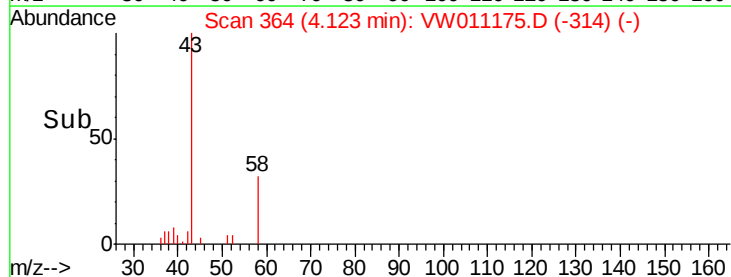
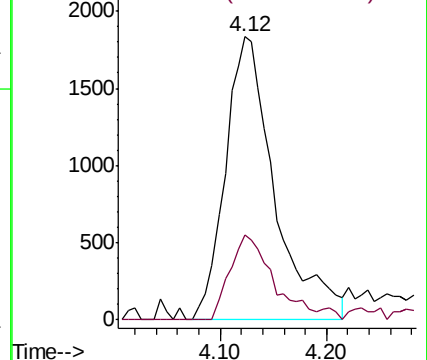
43 100

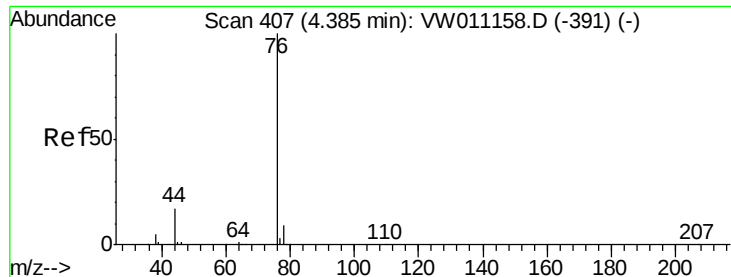
58 29.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

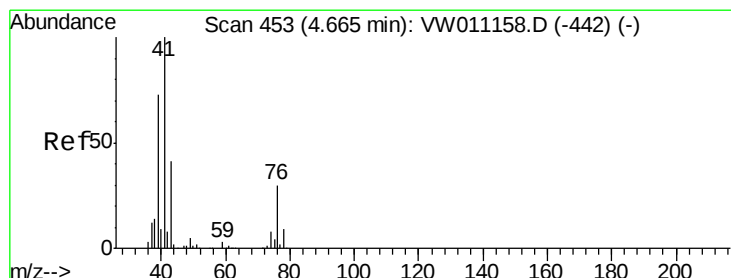
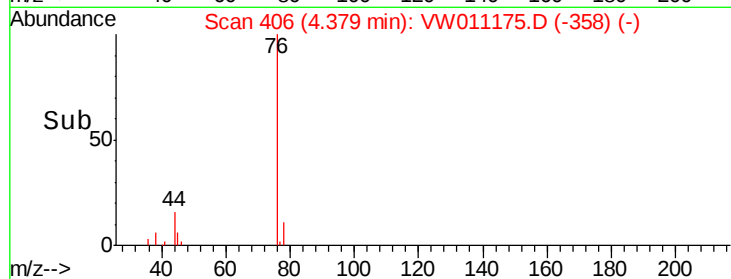
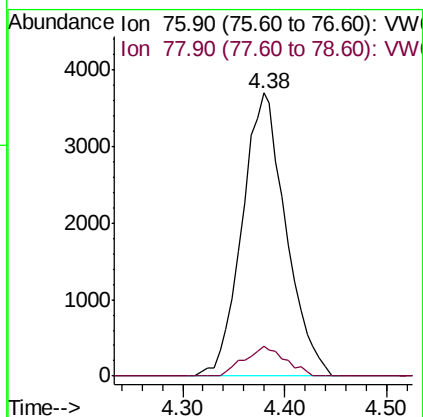
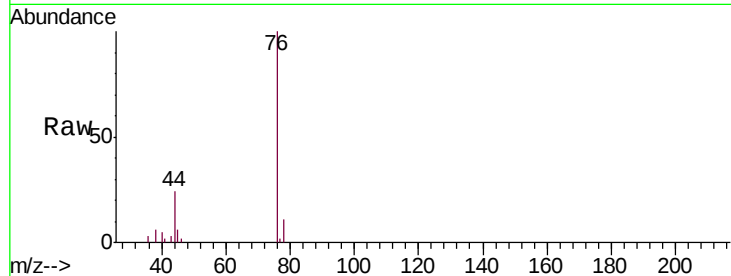




#17
Carbon Disulfide
Concen: 1.702 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011175.D
Acq: 09 Jul 2019 13:27

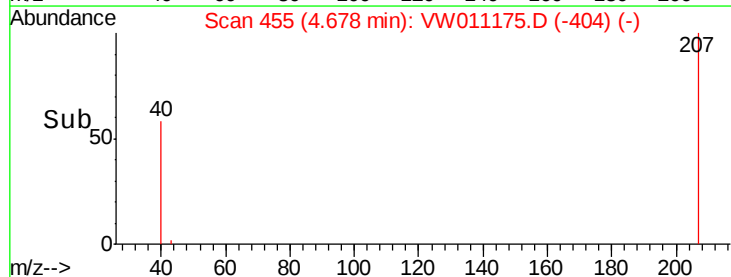
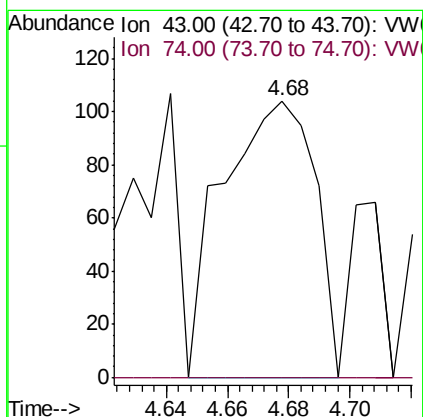
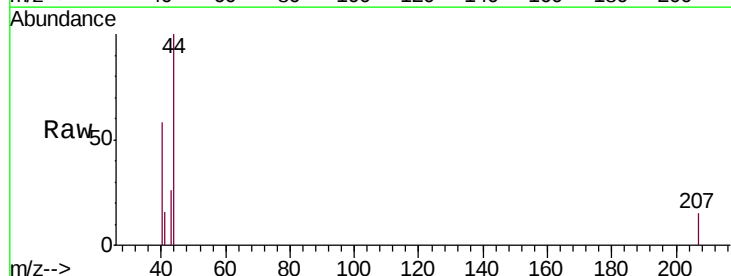
Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-RBR-251685RE

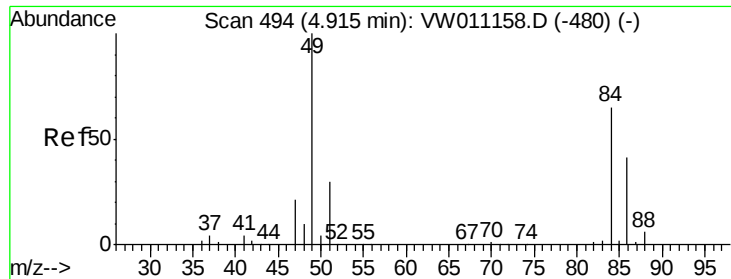
Tgt Ion: 76 Resp: 11026
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011175.D
Acq: 09 Jul 2019 13:27

Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#

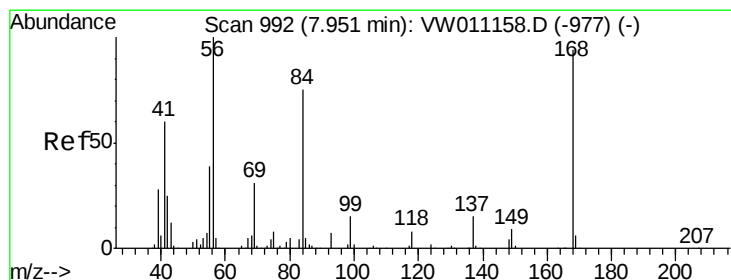
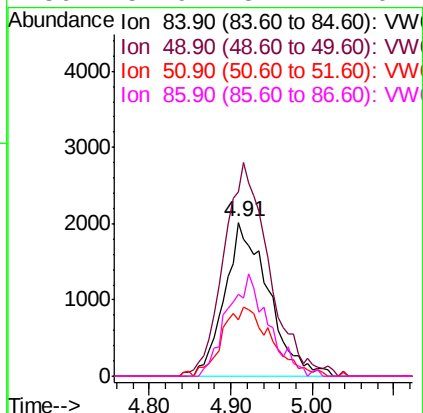
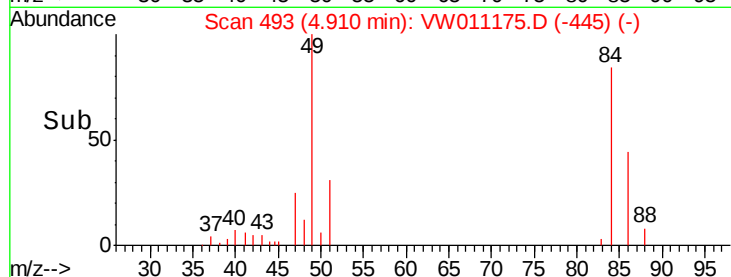
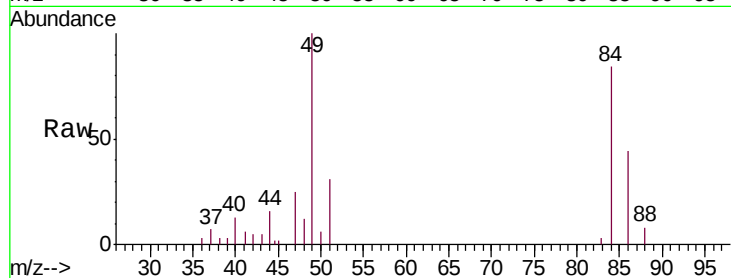




#20
Methylene Chloride
Concen: 3.260 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011175.D
Acq: 09 Jul 2019 13:27

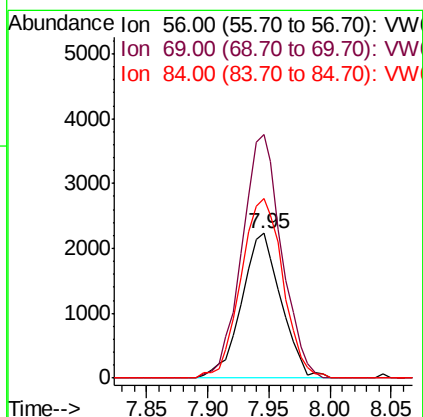
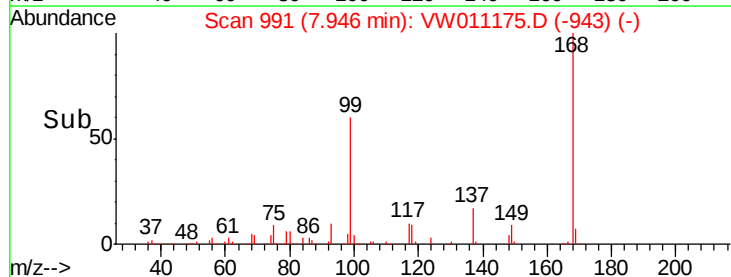
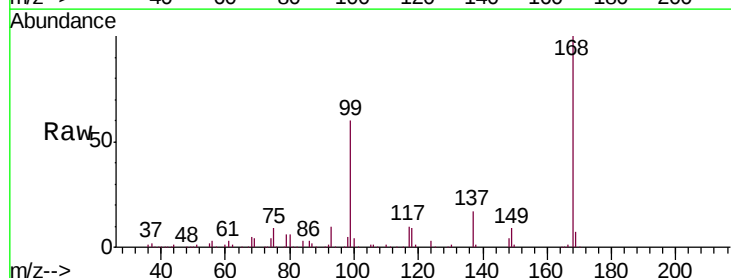
Instrument :
MSVOA_W
ClientSampleId :
CONCRETE-RBR-251685RE

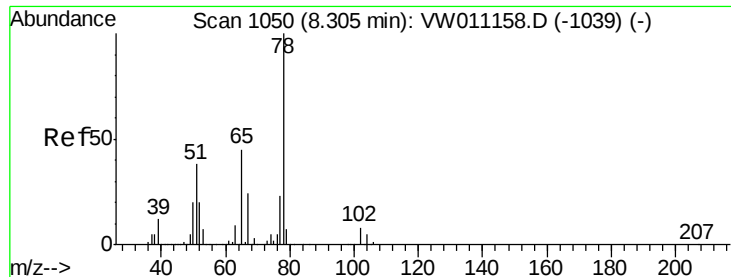
Tgt Ion: 84 Resp: 7477
Ion Ratio Lower Upper
84 100
49 119.5 123.8 185.6#
51 36.5 37.4 56.2#
86 52.9 51.1 76.7



#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011175.D
Acq: 09 Jul 2019 13:27

Tgt Ion: 56 Resp: 5025
Ion Ratio Lower Upper
56 100
69 168.2 24.6 36.8#
84 124.0 60.1 90.1#





#33

1,2-Dichloroethane-d4

Concen: 51.618 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

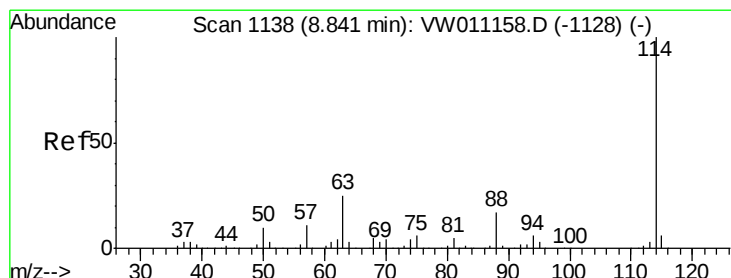
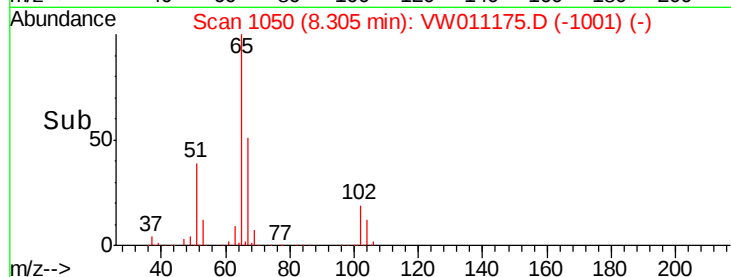
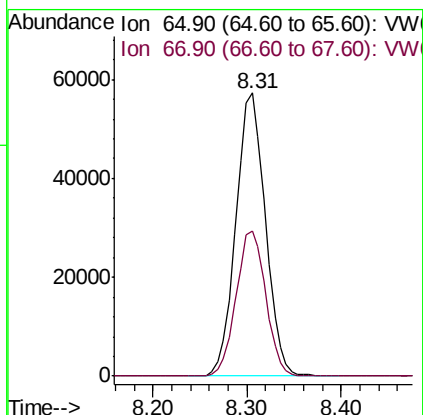
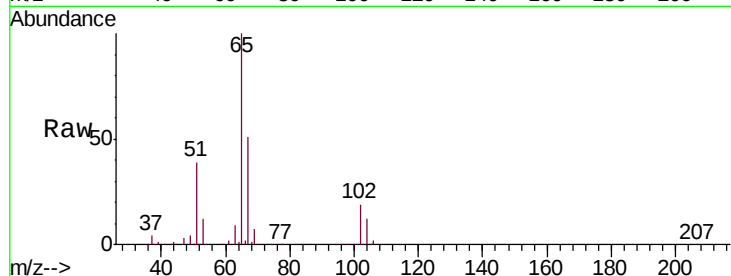
CONCRETE-RBR-251685RE

Tgt Ion: 65 Resp: 124724

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

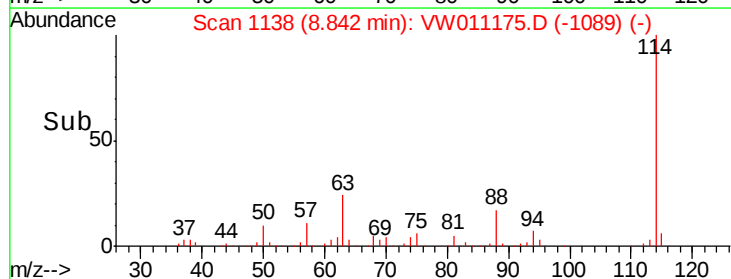
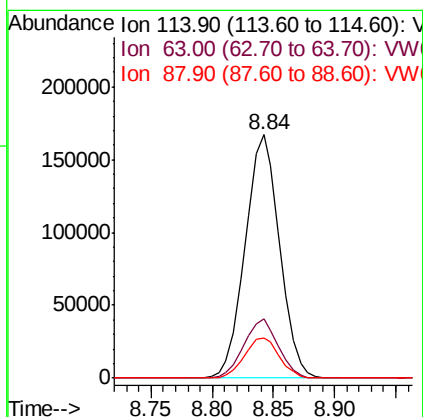
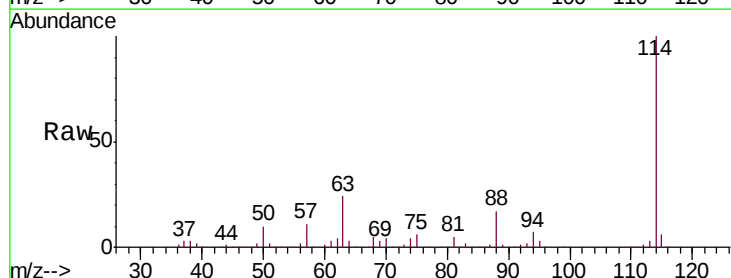
Tgt Ion: 114 Resp: 326204

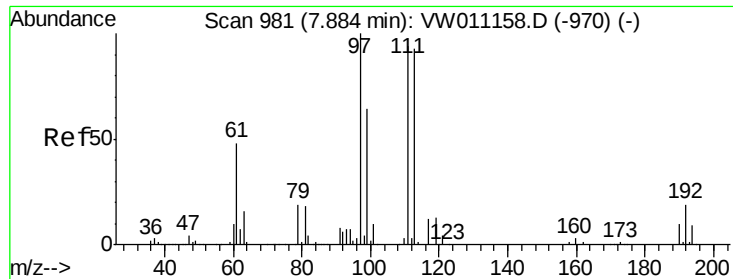
Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

88 16.6 0.0 34.2

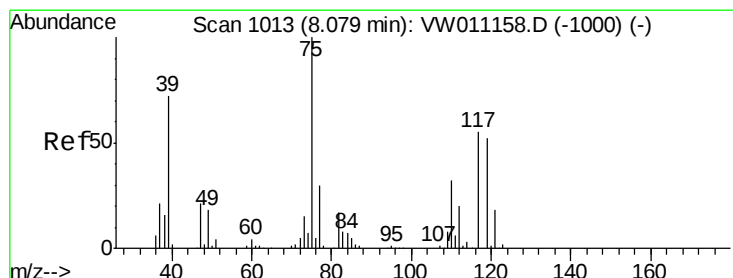
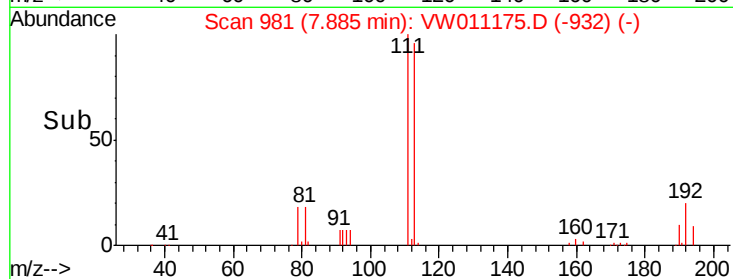
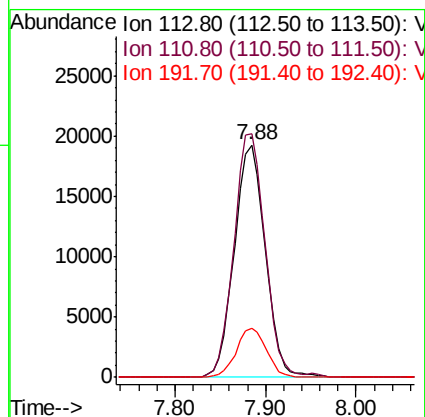
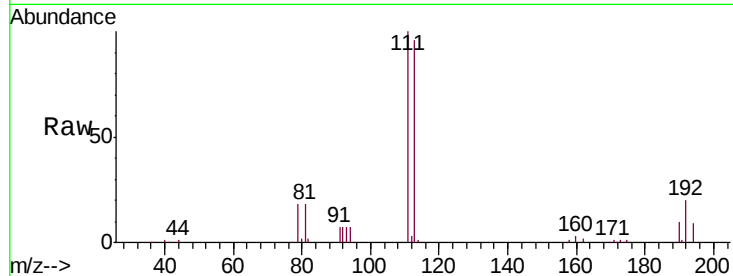




#35
 Dibromofluoromethane
 Concen: 23.599 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011175.D
 Acq: 09 Jul 2019 13:27

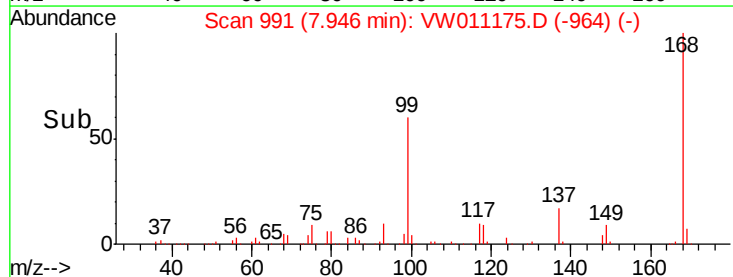
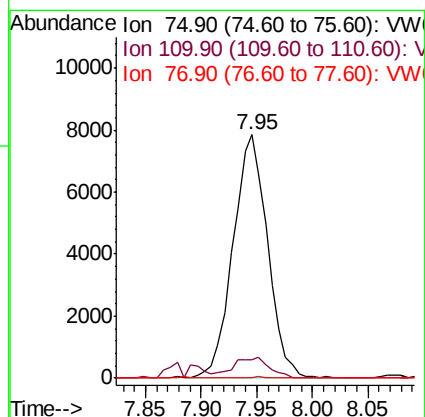
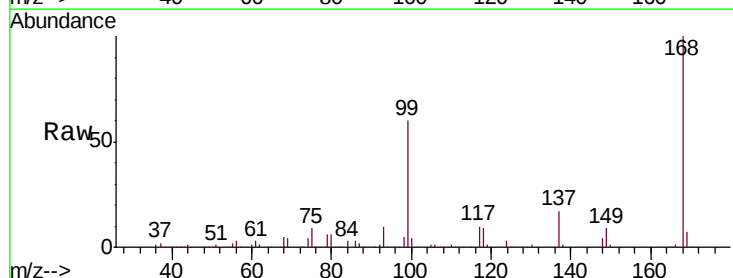
Instrument :
 MSVOA_W
 ClientSampleId :
 CONCRETE-RBR-251685RE

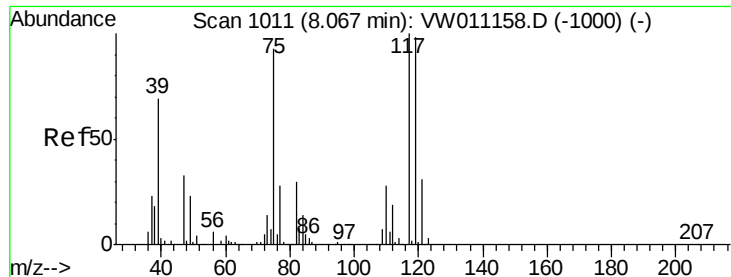
Tgt Ion: 113 Resp: 45884
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.4 123.6
 192 20.5 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011175.D
 Acq: 09 Jul 2019 13:27

Tgt Ion: 75 Resp: 16860
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.9 47.6#
 77 0.1 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.447 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-RBR-251685RE

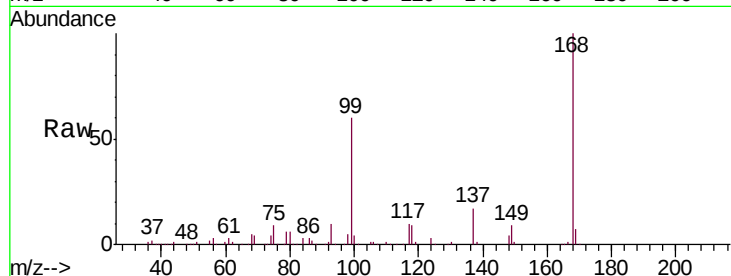
Tgt Ion:117 Resp: 18986

Ion Ratio Lower Upper

117 100

119 5.2 78.1 117.1#

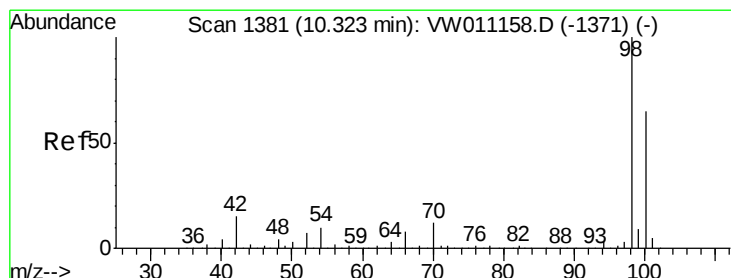
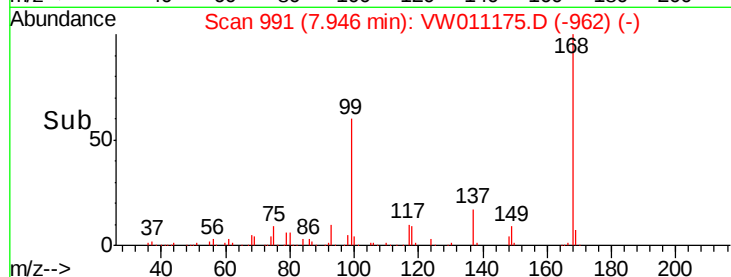
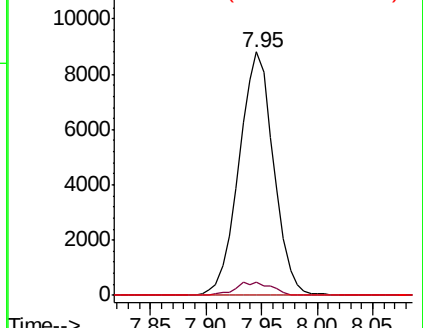
121 0.0 25.1 37.7#



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: 51.407 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011175.D

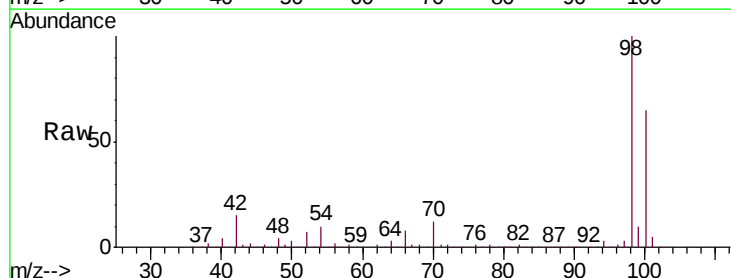
Acq: 09 Jul 2019 13:27

Tgt Ion: 98 Resp: 404023

Ion Ratio Lower Upper

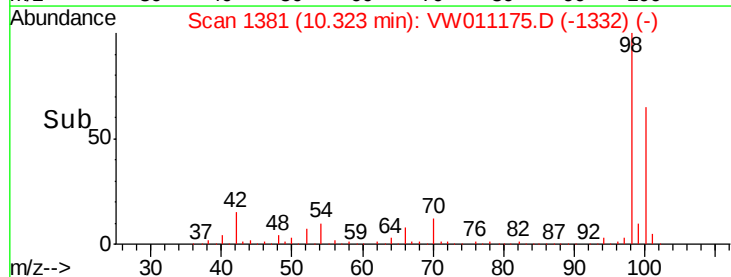
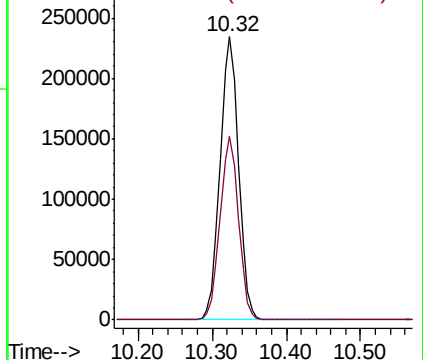
98 100

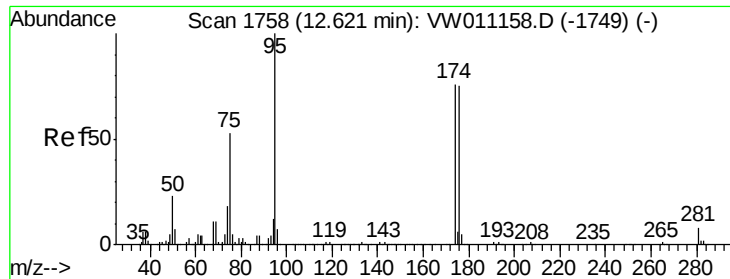
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.291 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-RBR-251685RE

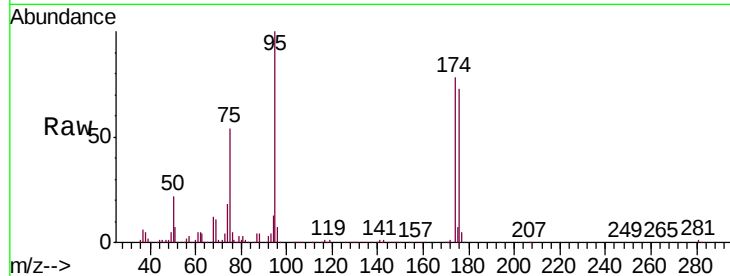
Tgt Ion: 95 Resp: 133350

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.6

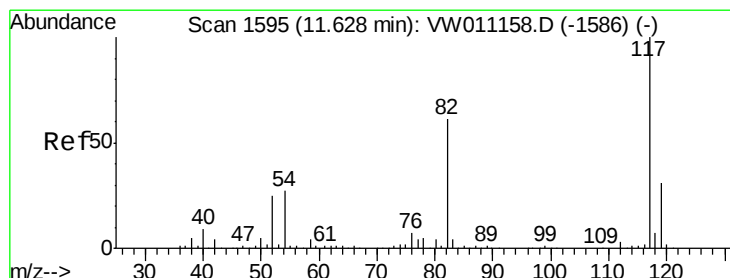
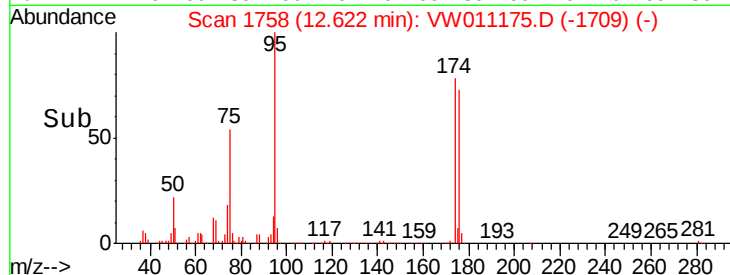
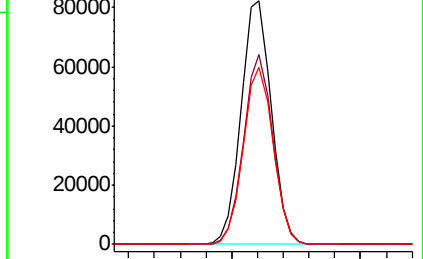
176 71.9 0.0 144.6



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. 0.01 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

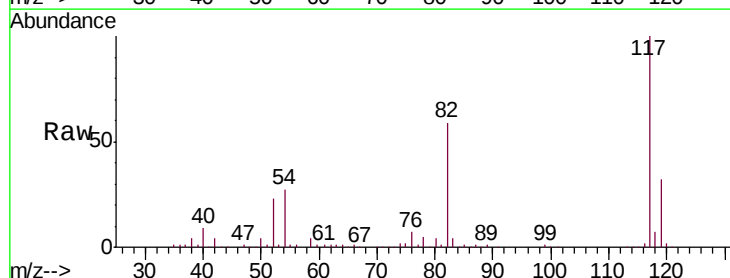
Tgt Ion: 117 Resp: 275638

Ion Ratio Lower Upper

117 100

82 59.4 48.9 73.3

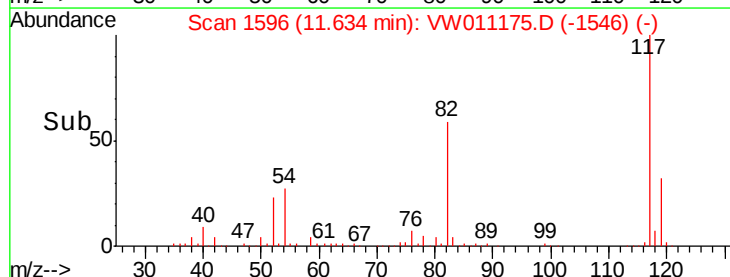
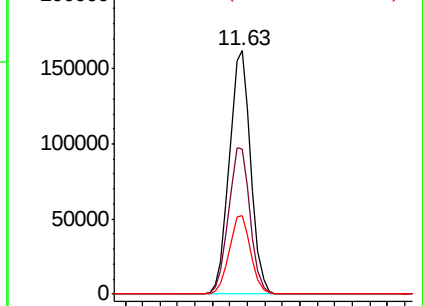
119 32.0 25.0 37.6

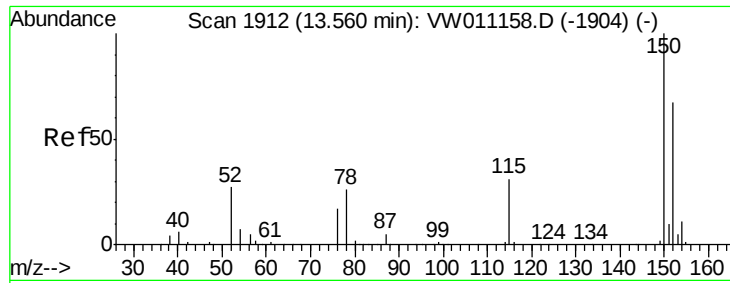


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-RBR-251685RE

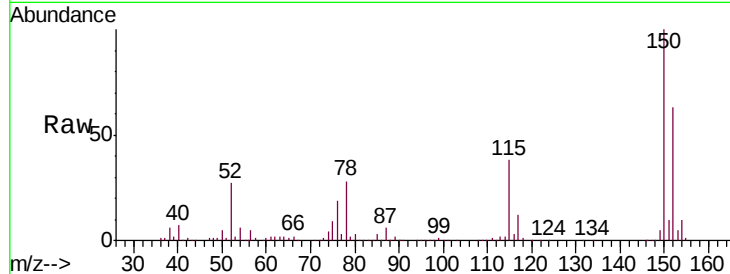
Tgt Ion:152 Resp: 120895

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

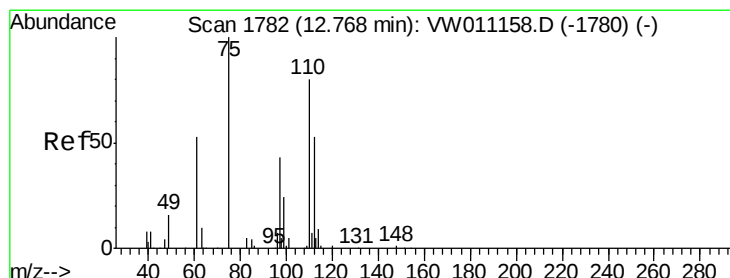
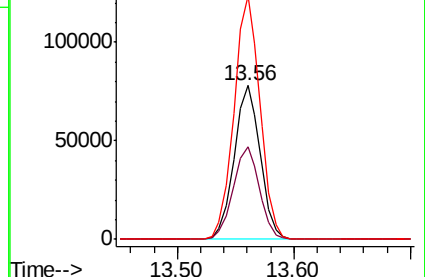
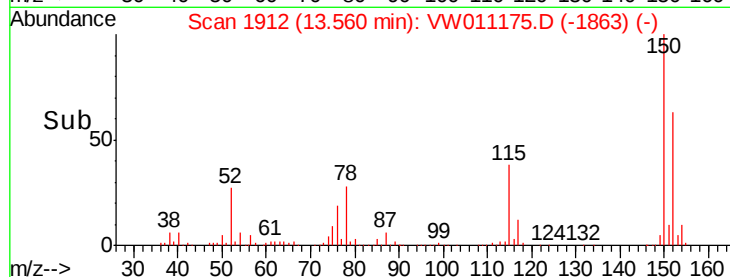
150 158.4 0.0 346.0



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



#76

1,2,3-Trichloropropane

Concen: 52.072 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011175.D

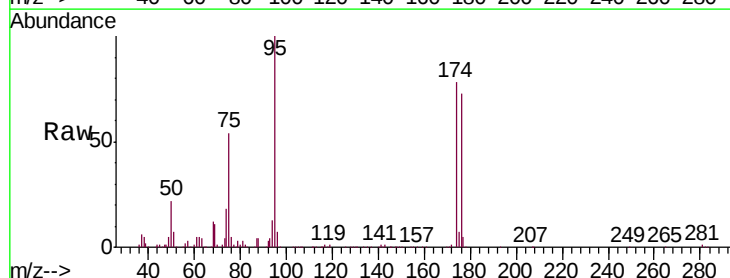
Acq: 09 Jul 2019 13:27

Tgt Ion: 75 Resp: 72749

Ion Ratio Lower Upper

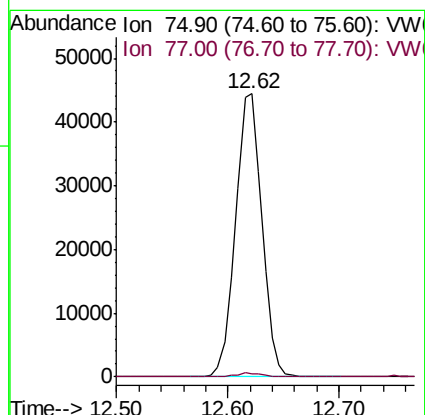
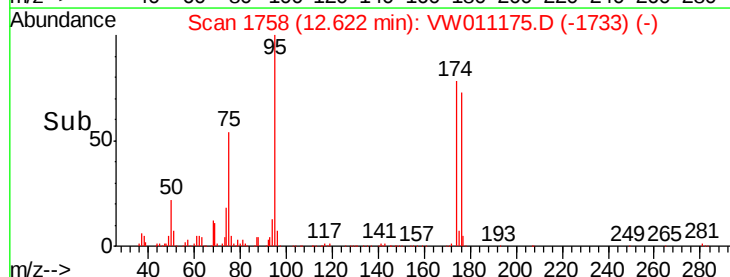
75 100

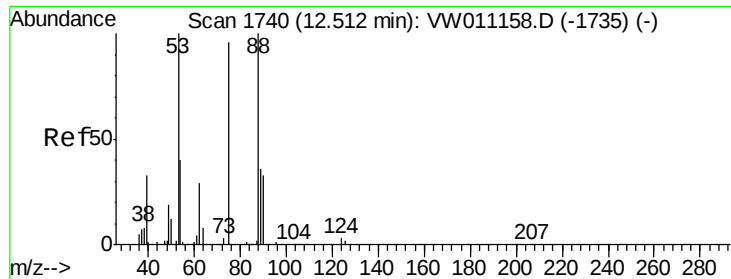
77 1.3 0.0 0.0#



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: 117.776 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011175.D

Acq: 09 Jul 2019 13:27

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE-RBR-251685RE

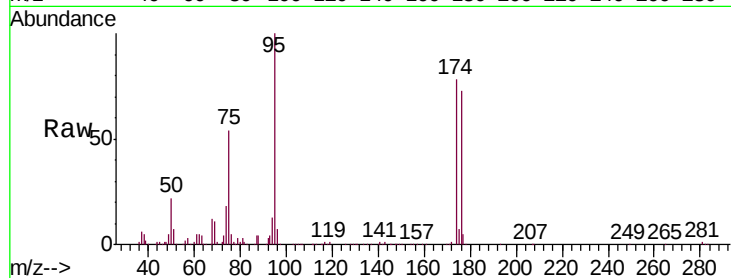
Tgt Ion: 75 Resp: 72749

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.0 34.3 51.5#



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

