

Data File : VW002360.D

Acq On : 10 May 2018 05:55

Operator : JC/SY

Sample : J2783-01

Misc : 5.07G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

ClientSampleId :

BS-CONCRETE-RO-277

Quant Time: May 10 07:16:43 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	151711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	240247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	206350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	98199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	79904	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.95	113	248	0.16	ug/l	0.06
Spiked Amount	50.000		Recovery	=	0.32%	
50) Toluene-d8	10.33	98	216538	36.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.76%	
62) 4-Bromofluorobenzene	12.63	95	80269	37.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.66%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.18	59	1092	9.33	ug/l #	91
13) Acrolein	3.90	56	173	1.76	ug/l #	14
16) Acetone	4.12	43	17493	55.60	ug/l	96
20) Methylene Chloride	4.92	84	53326	35.15	ug/l	95
25) 2-Butanone	7.18	43	7025	15.04	ug/l	91
26) 2,2-Dichloropropane	7.14	77	1635	1.22	ug/l #	50
31) Cyclohexane	7.95	56	3668	1.53	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	11180	5.15	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13979	6.65	ug/l #	15
49) 1,4-Dioxane	9.32	88	19	1.34	ug/l #	23
51) 4-Methyl-2-Pentanone	10.22	43	2771	2.50	ug/l	92
59) 2-Hexanone	10.98	43	3562	4.70	ug/l	95
74) N-amyl acetate	12.24	43	6128	3.84	ug/l #	52
76) 1,2,3-Trichloropropane	12.63	75	41045	47.13	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	41045	124.16	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	13801	2.48	ug/l	96

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_W

ClientSampleId :

BS-CONCRETE-RO-277

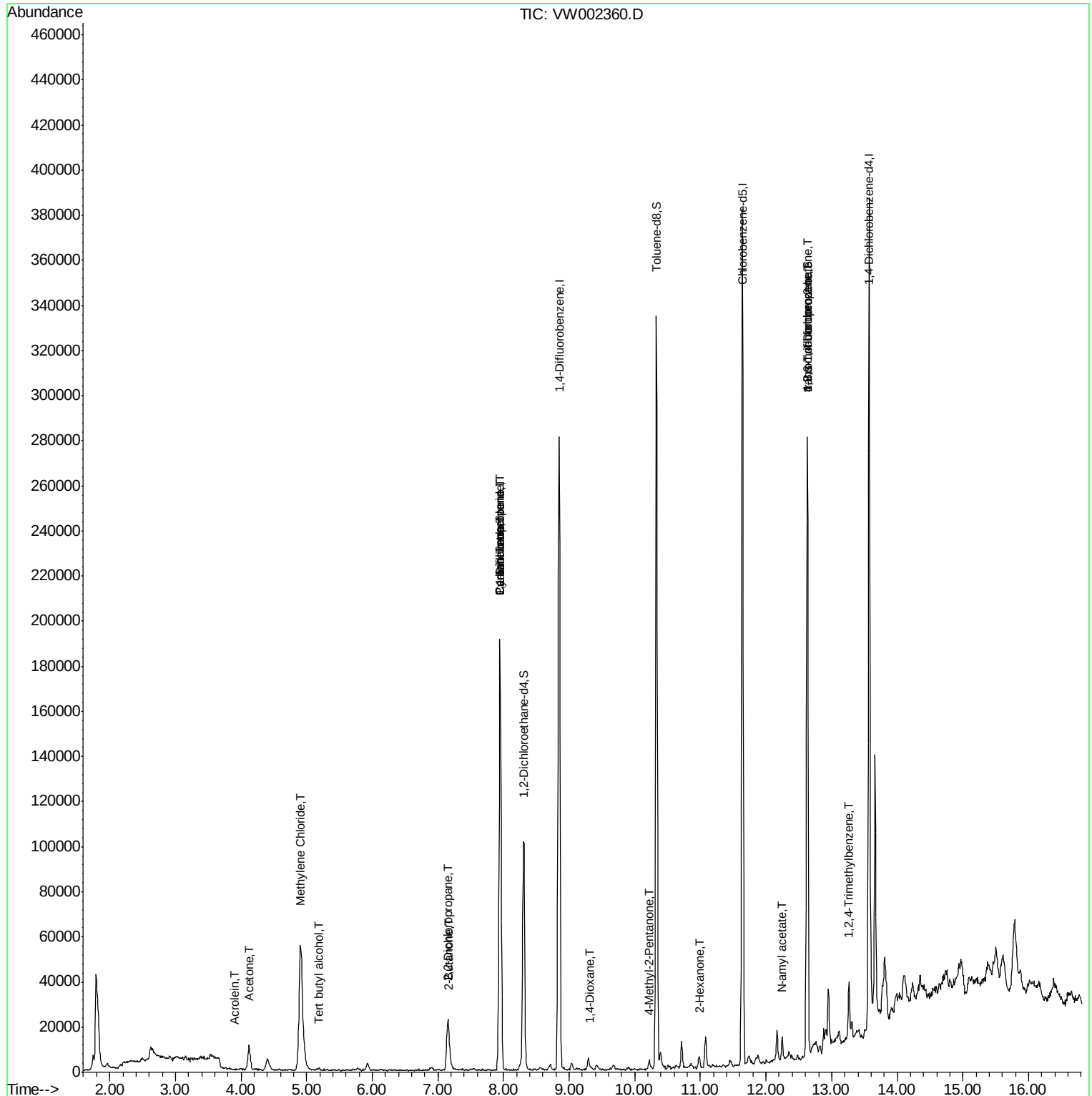
Quant Time: May 10 07:16:43 2018

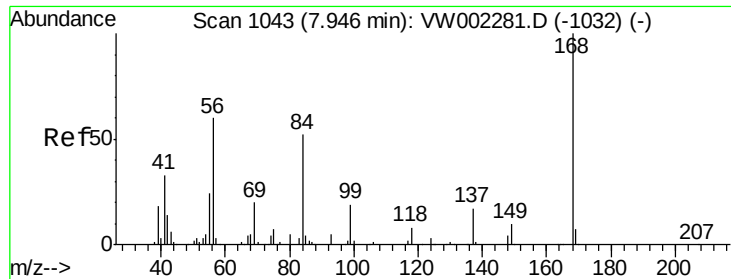
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

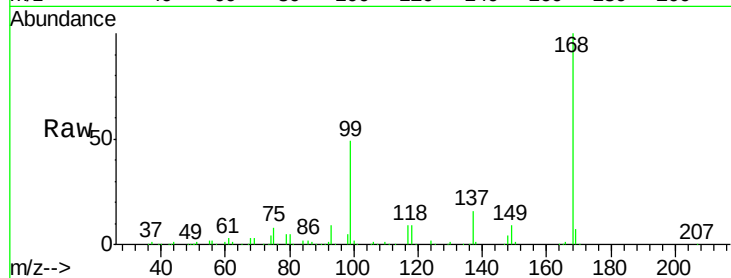
BS-CONCRETE-RO-277

Tgt Ion: 168 Resp: 151711

Ion Ratio Lower Upper

168 100

99 48.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

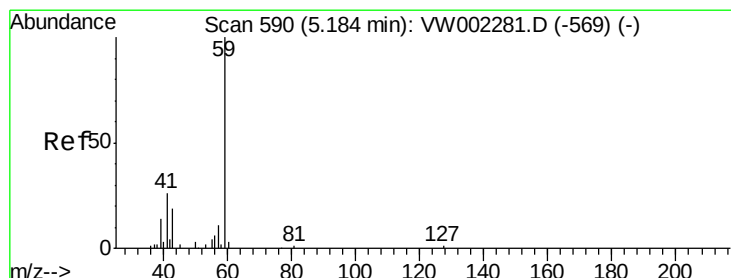
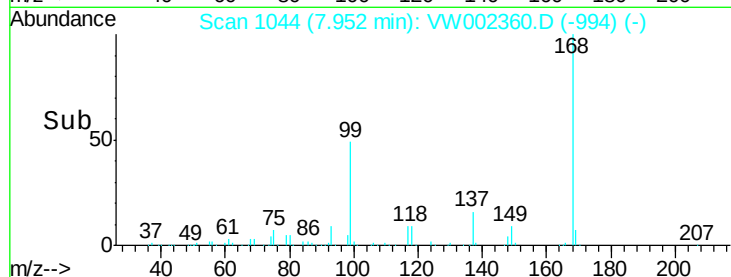
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 9.33 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002360.D

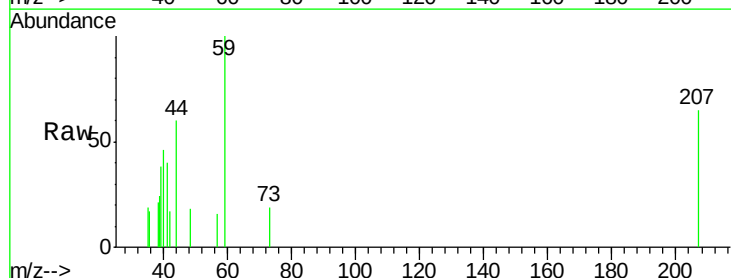
Acq: 10 May 2018 05:55

Tgt Ion: 59 Resp: 1092

Ion Ratio Lower Upper

59 100

57 7.9 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

300

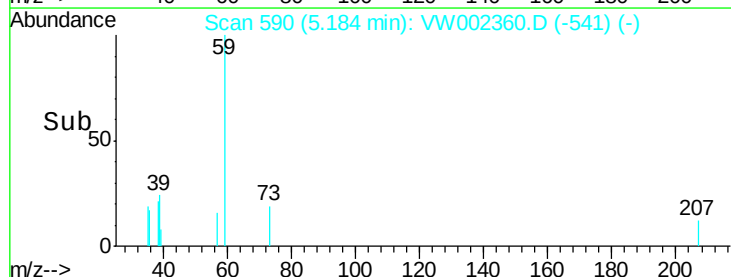
200

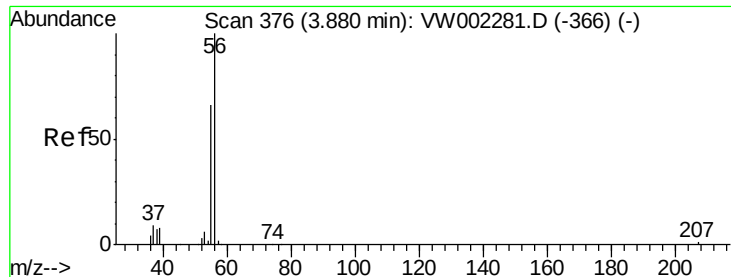
100

0

5.10 5.15 5.20 5.25

Time-->





#13

Acrolein

Concen: 1.76 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.02 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

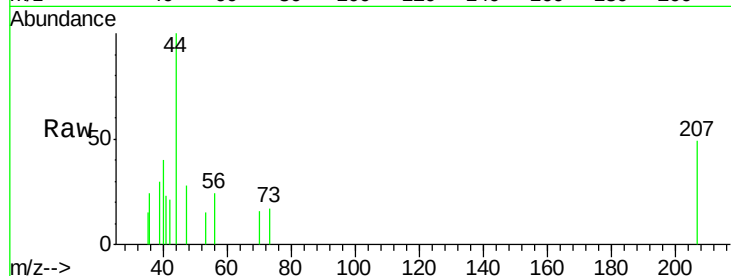
BS-CONCRETE-RO-277

Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

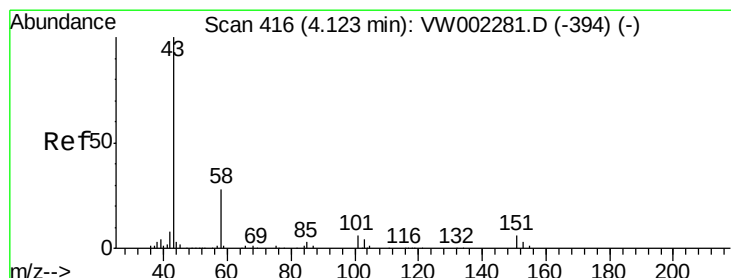
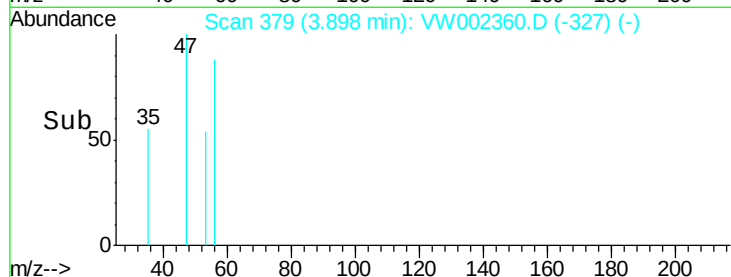
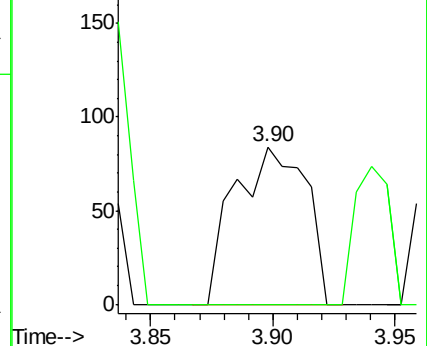
56 100

55 0.0 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 55.60 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002360.D

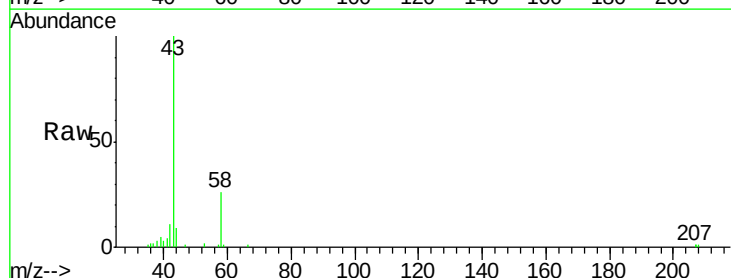
Acq: 10 May 2018 05:55

Tgt Ion: 43 Resp: 17493

Ion Ratio Lower Upper

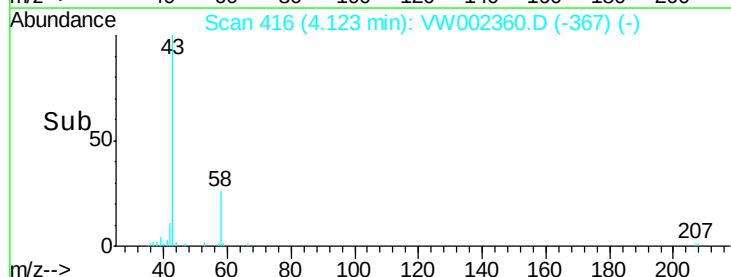
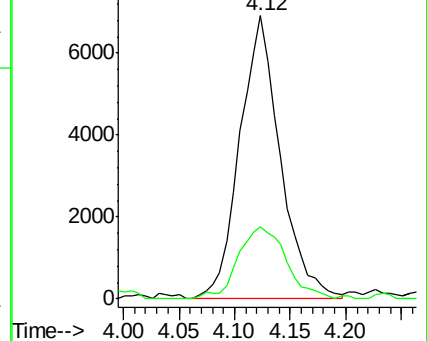
43 100

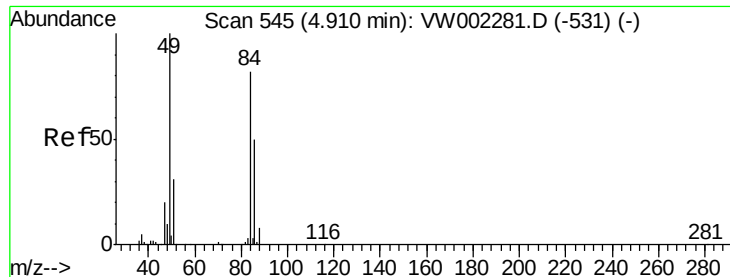
58 25.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

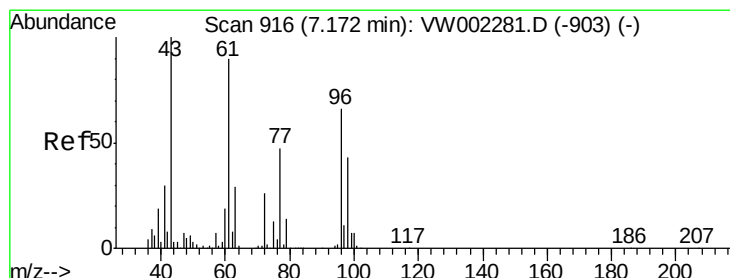
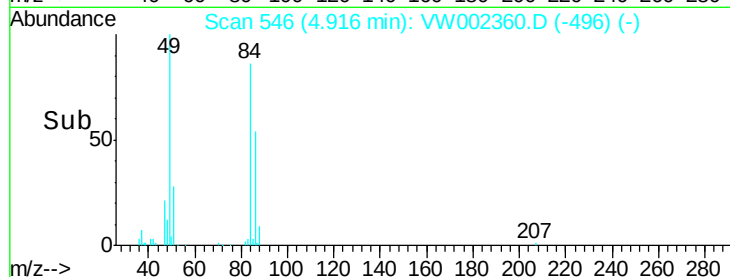
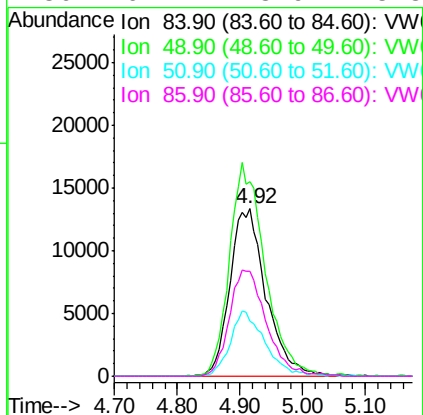
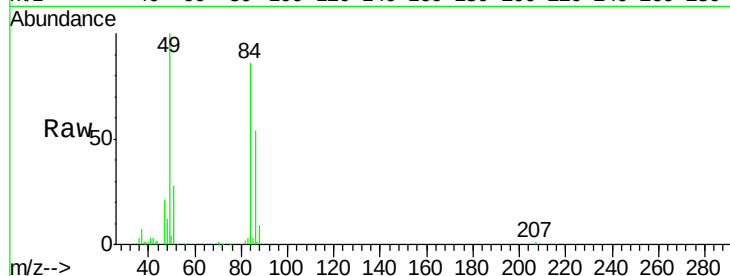




#20
Methylene Chloride
Concen: 35.15 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002360.D
Acq: 10 May 2018 05:55

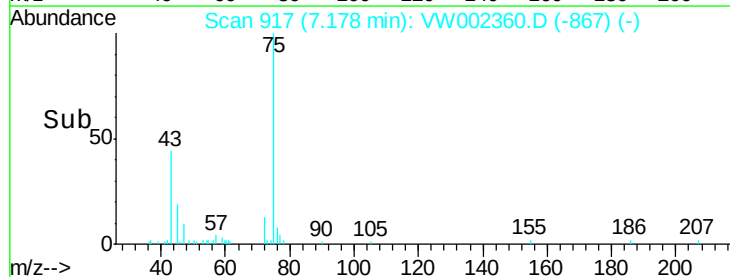
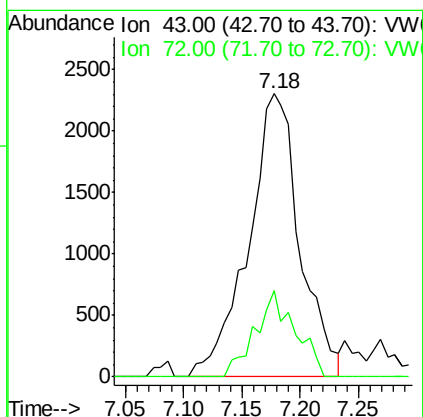
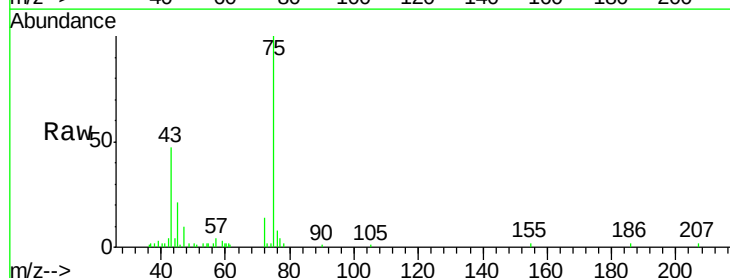
Instrument :
MSVOA_W
ClientSampleId :
BS-CONCRETE-RO-277

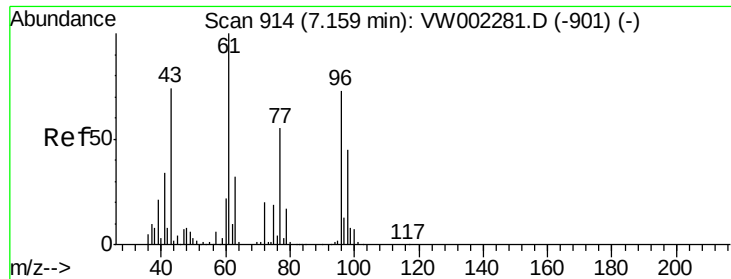
Tgt Ion:	84	Resp:	53326
Ion	Ratio	Lower	Upper
84	100		
49	115.5	97.7	146.5
51	32.9	30.2	45.4
86	62.7	48.9	73.3



#25
2-Butanone
Concen: 15.04 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW002360.D
Acq: 10 May 2018 05:55

Tgt Ion:	43	Resp:	7025
Ion	Ratio	Lower	Upper
43	100		
72	30.5	20.6	31.0

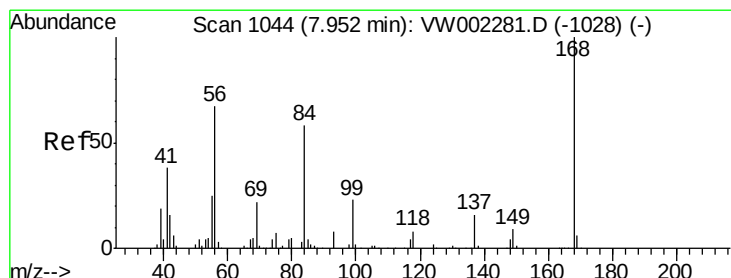
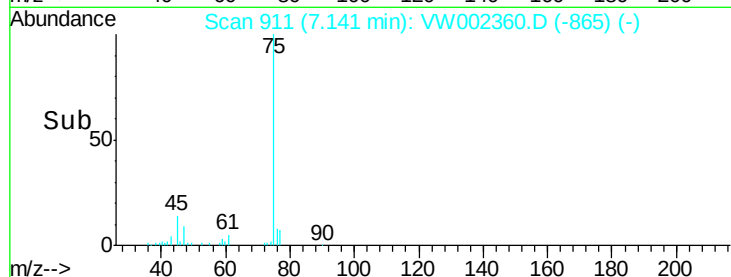
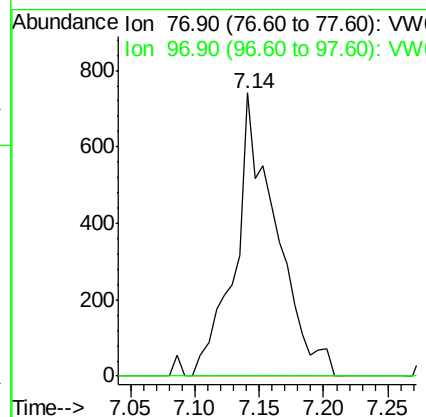
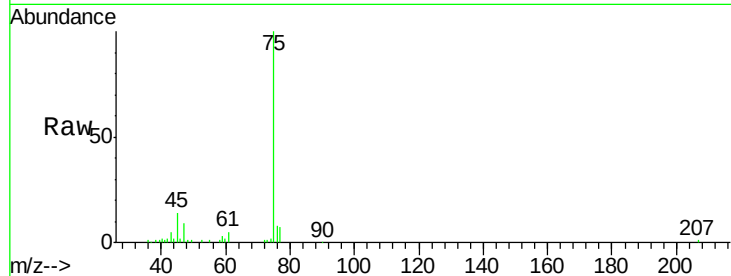




#26
 2,2-Dichloropropane
 Concen: 1.22 ug/l
 RT: 7.14 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

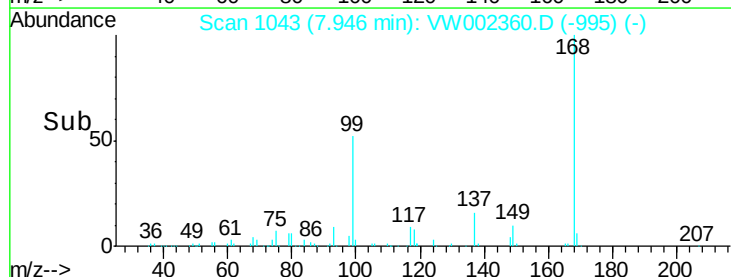
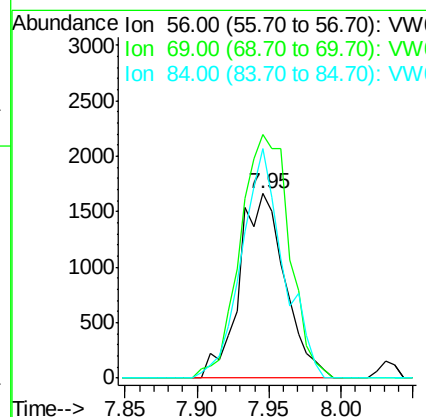
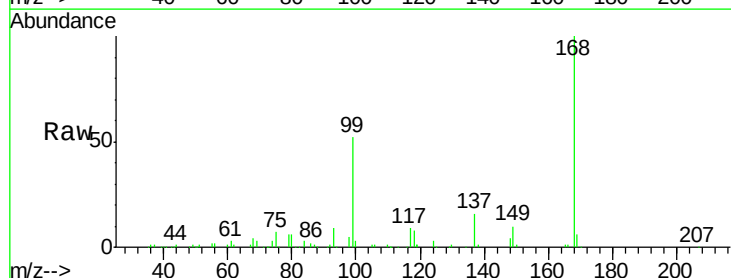
Instrument :
 MSVOA_W
 ClientSampleId :
 BS-CONCRETE-RO-277

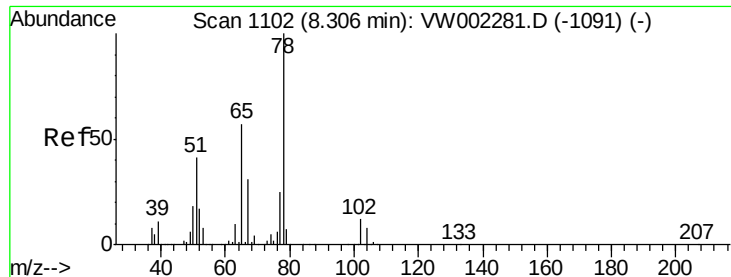
Tgt Ion: 77 Resp: 1635
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.7 38.0#



#31
 Cyclohexane
 Concen: 1.53 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

Tgt Ion: 56 Resp: 3668
 Ion Ratio Lower Upper
 56 100
 69 132.1 26.2 39.4#
 84 124.4 69.2 103.8#

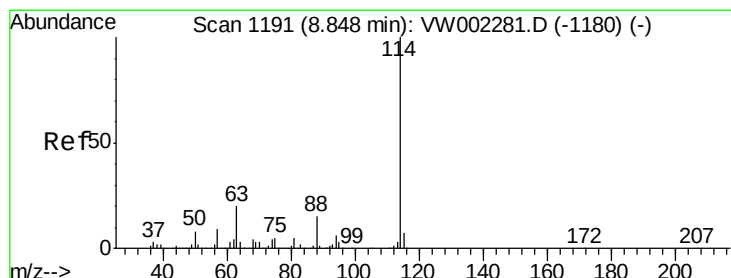
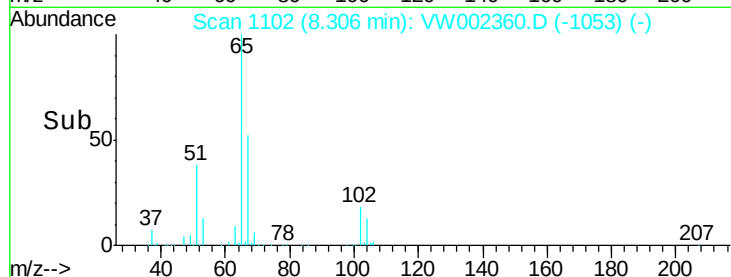
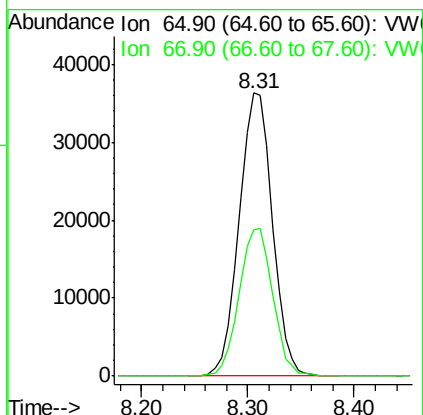
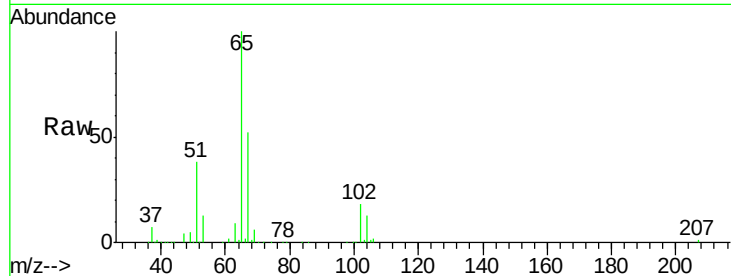




#33
 1,2-Dichloroethane-d4
 Concen: 49.60 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

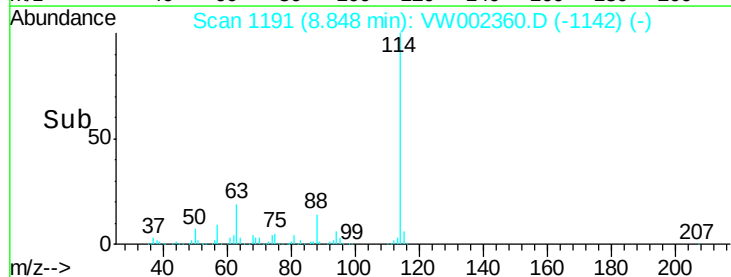
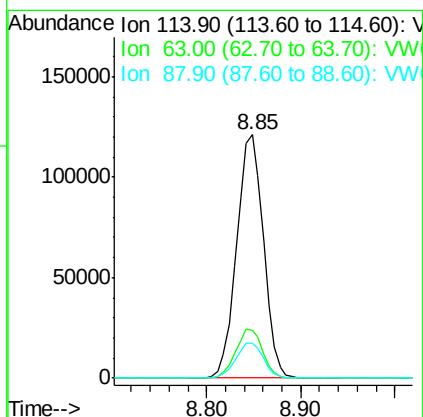
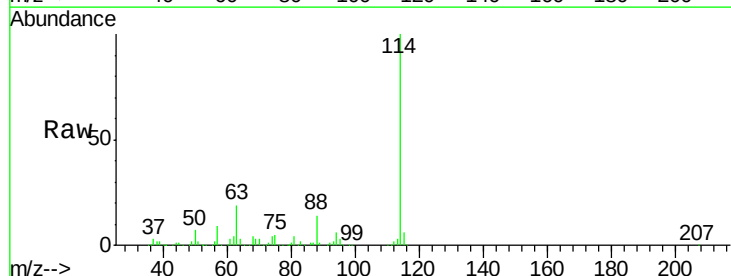
Instrument :
 MSVOA_W
 ClientSampleId :
 BS-CONCRETE-RO-277

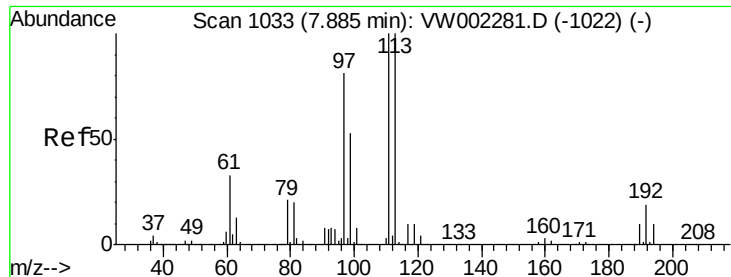
Tgt Ion: 65 Resp: 79904
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

Tgt Ion: 114 Resp: 240247
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 14.4 0.0 29.6

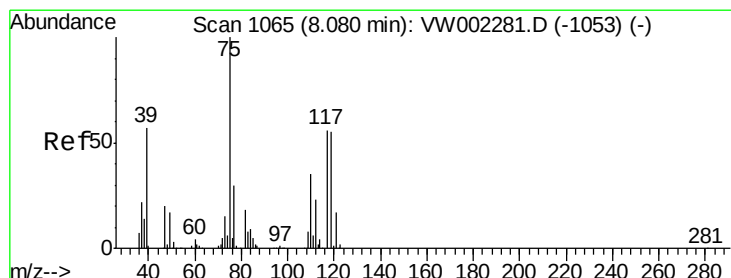
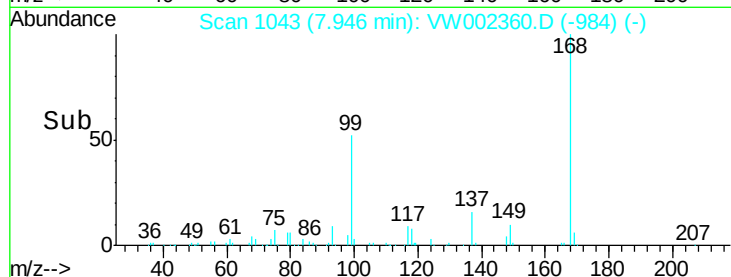
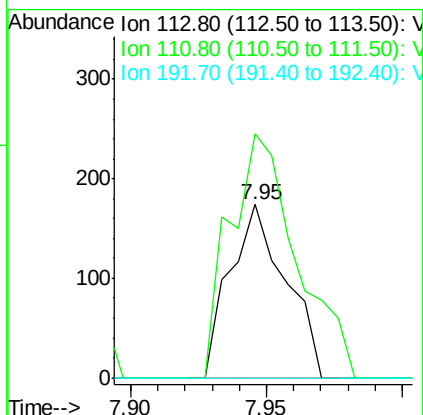
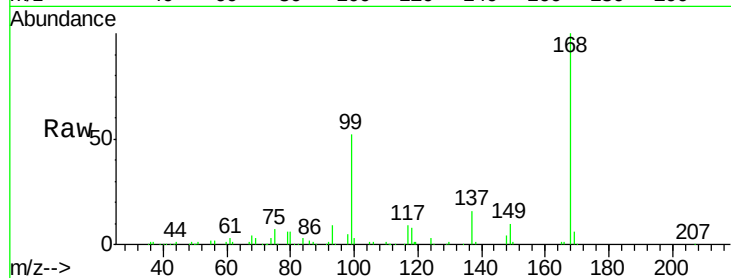




#35
 Dibromofluoromethane
 Concen: 0.16 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. 0.06 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

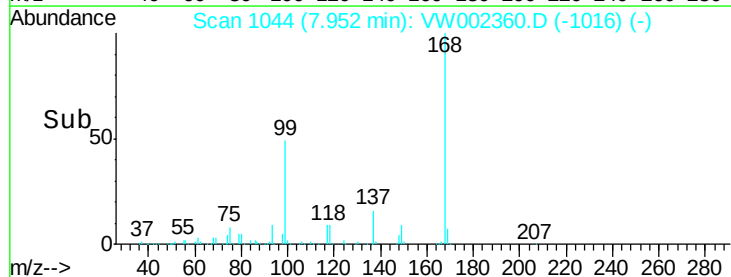
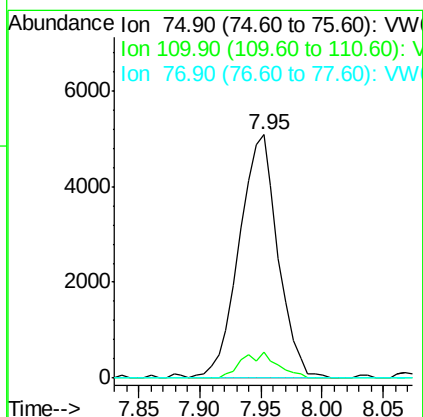
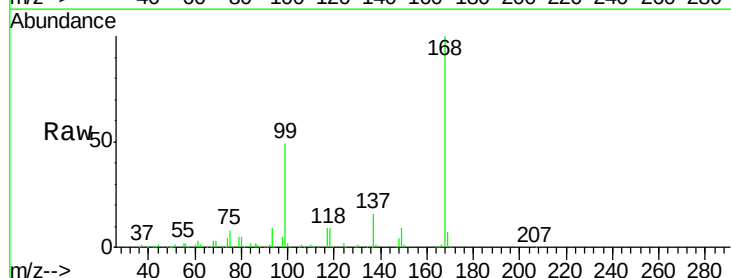
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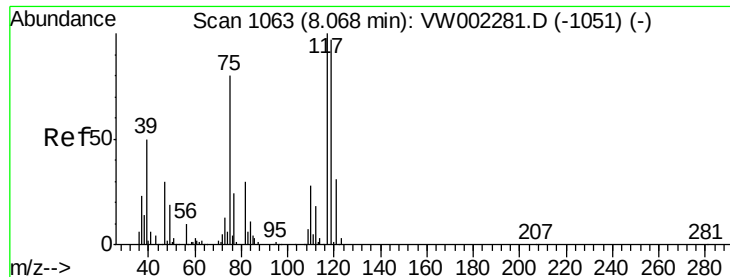
Tgt Ion: 113 Resp: 248
 Ion Ratio Lower Upper
 113 100
 111 169.0 81.5 122.3#
 192 0.0 16.4 24.6#



#36
 1,1-Dichloropropene
 Concen: 5.15 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

Tgt Ion: 75 Resp: 11180
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.1 54.1#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.65 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

BS-CONCRETE-RO-277

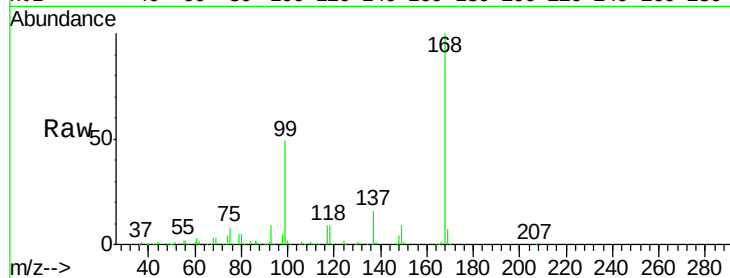
Tgt Ion: 117 Resp: 13979

Ion Ratio Lower Upper

117 100

119 4.8 77.5 116.3#

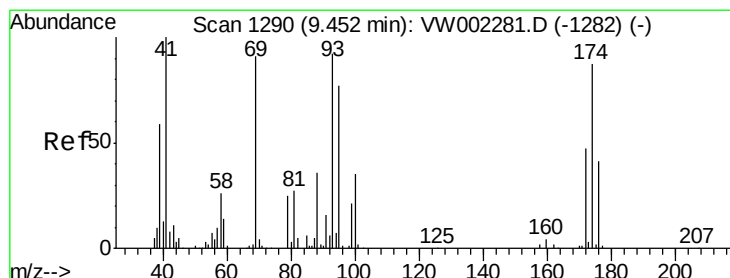
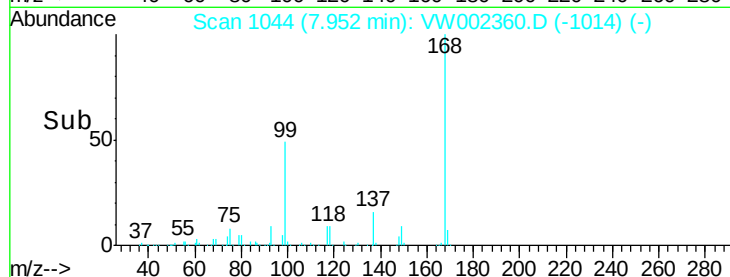
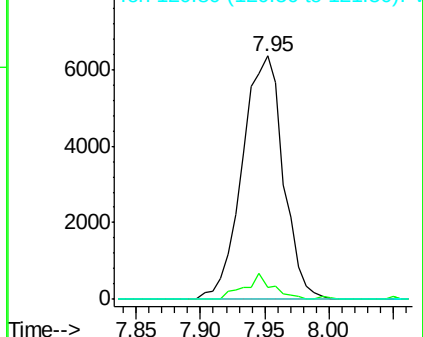
121 0.0 24.4 36.6#



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



#49

1,4-Dioxane

Concen: 1.34 ug/l

RT: 9.32 min Scan# 1269

Delta R.T. -0.13 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

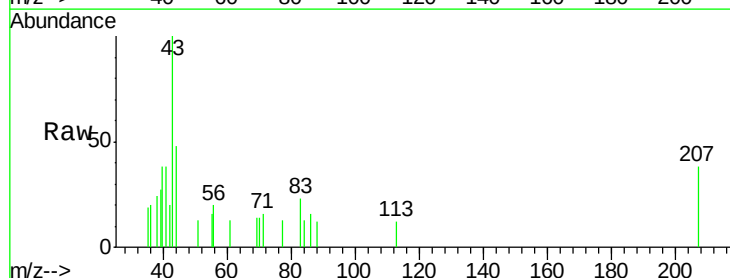
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 26.3 39.5#

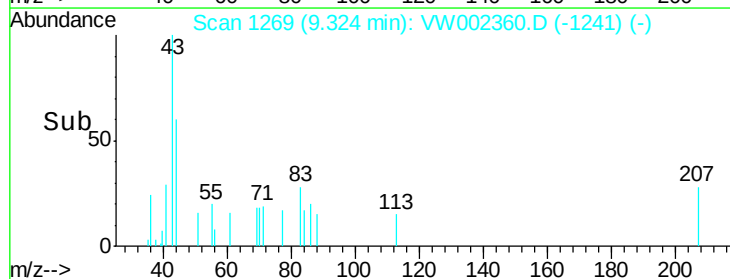
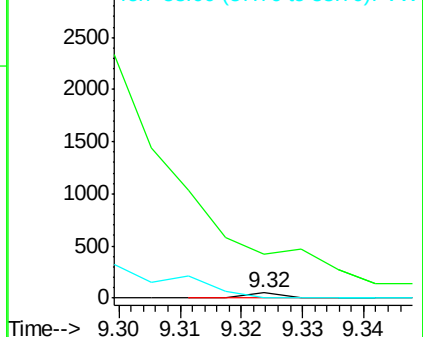
58 0.0 56.0 84.0#

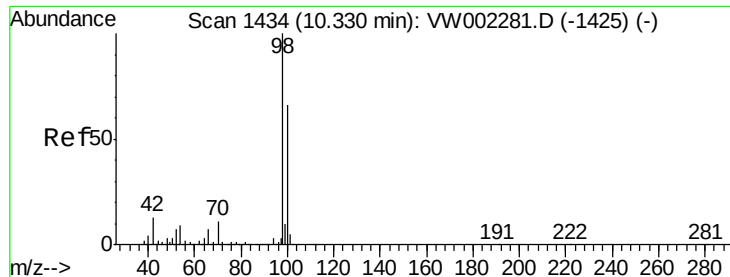


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 36.88 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

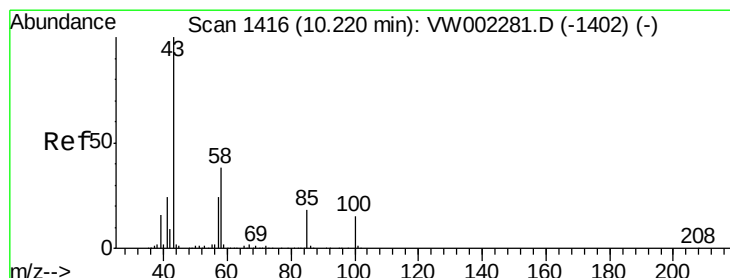
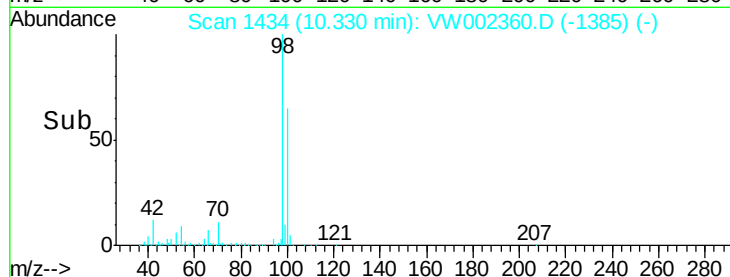
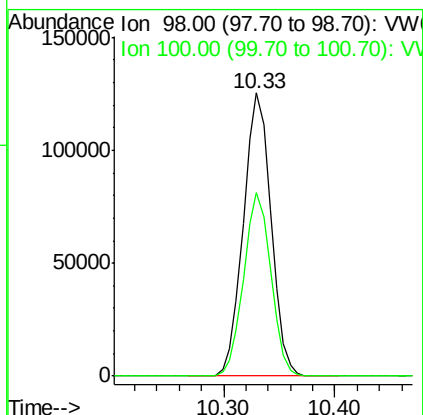
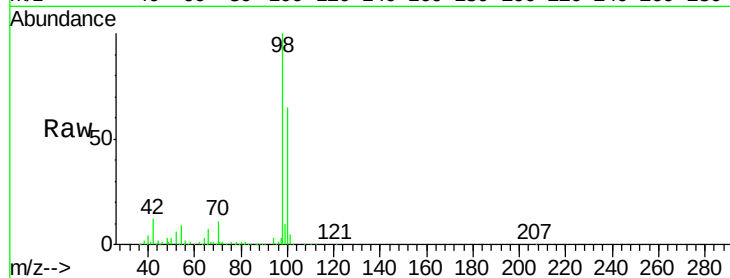
BS-CONCRETE-RO-277

Tgt Ion: 98 Resp: 216538

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 2.50 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002360.D

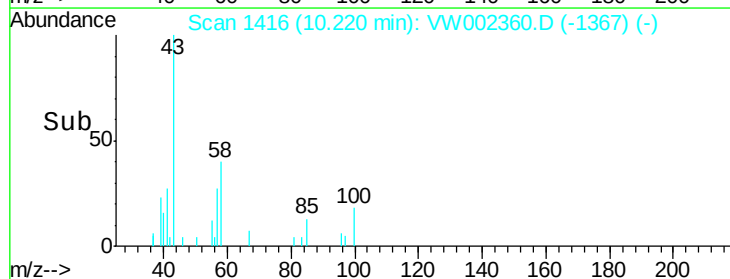
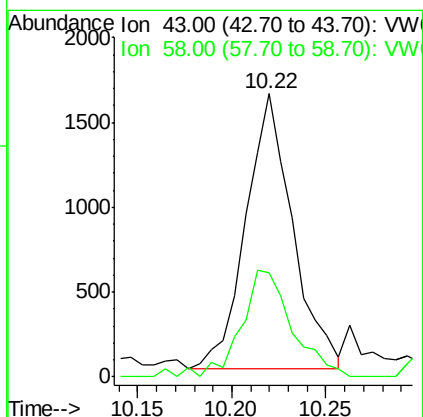
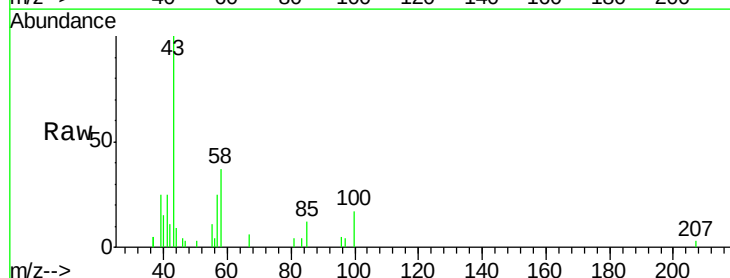
Acq: 10 May 2018 05:55

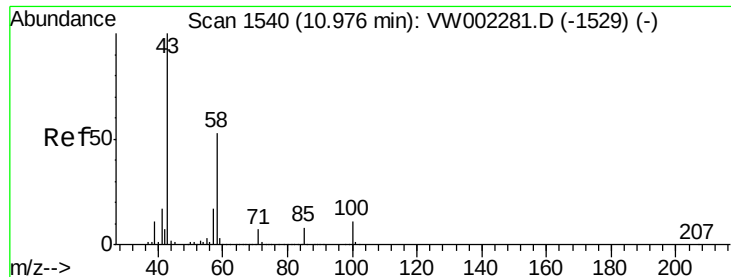
Tgt Ion: 43 Resp: 2771

Ion Ratio Lower Upper

43 100

58 42.4 30.2 45.2





#59

2-Hexanone

Concen: 4.70 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

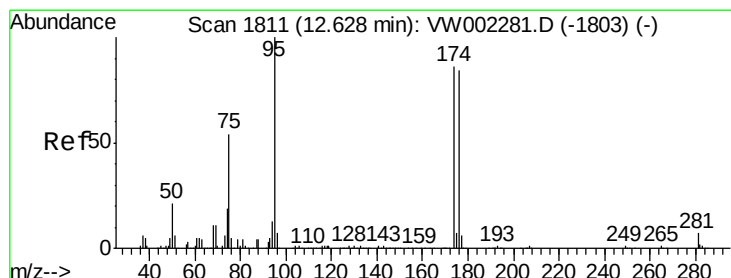
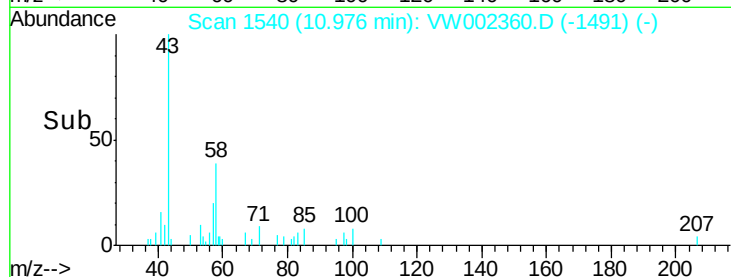
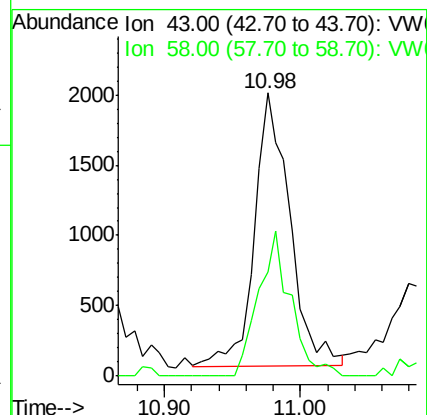
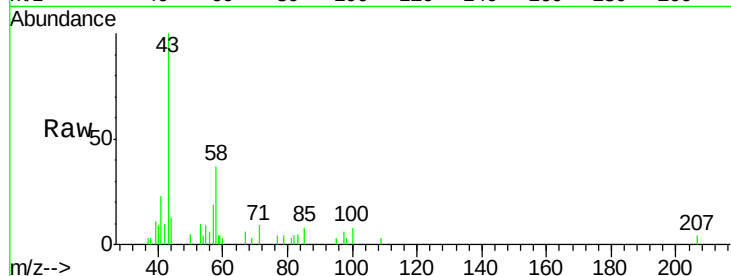
BS-CONCRETE-RO-277

Tgt Ion: 43 Resp: 3562

Ion Ratio Lower Upper

43 100

58 48.4 26.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.83 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

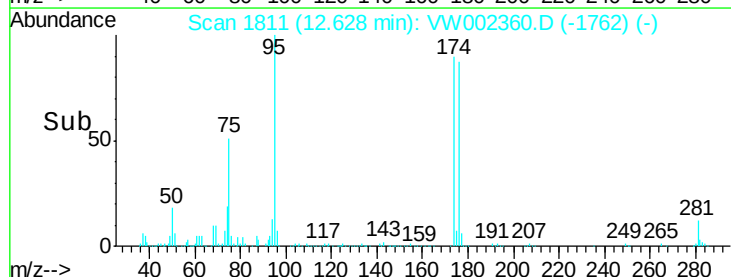
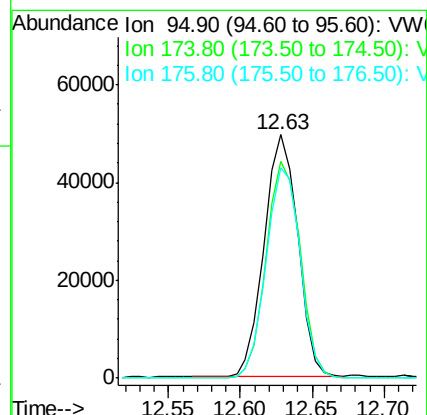
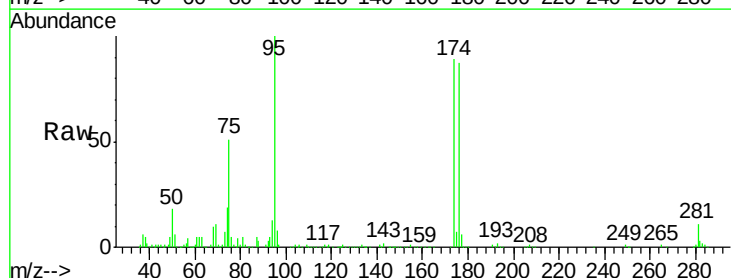
Tgt Ion: 95 Resp: 80269

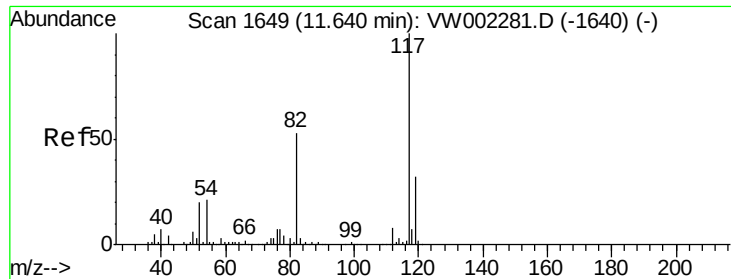
Ion Ratio Lower Upper

95 100

174 90.8 0.0 176.8

176 87.7 0.0 170.4

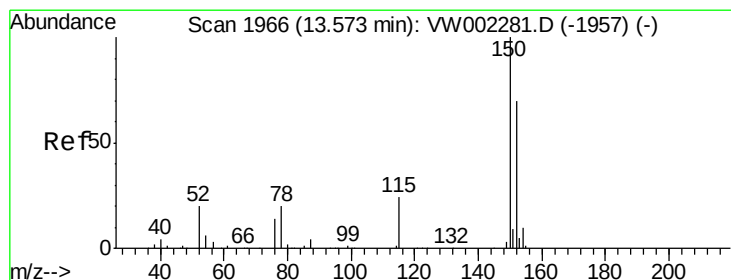
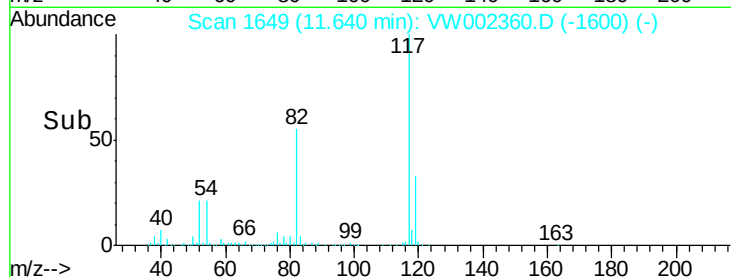
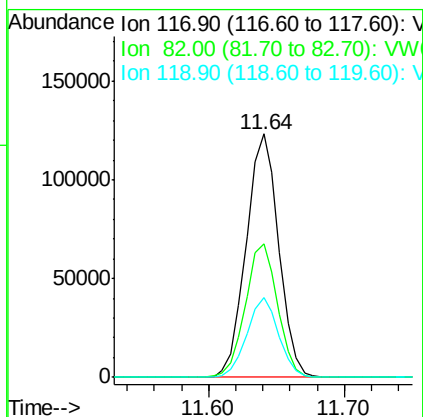
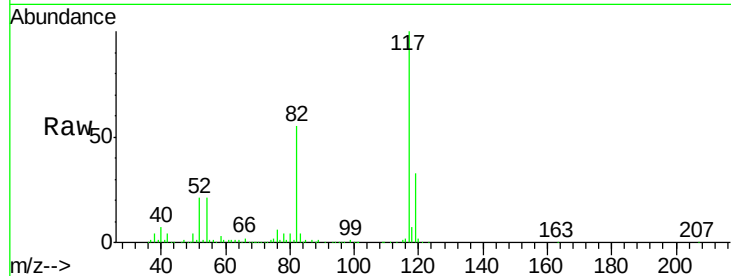




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002360.D
Acq: 10 May 2018 05:55

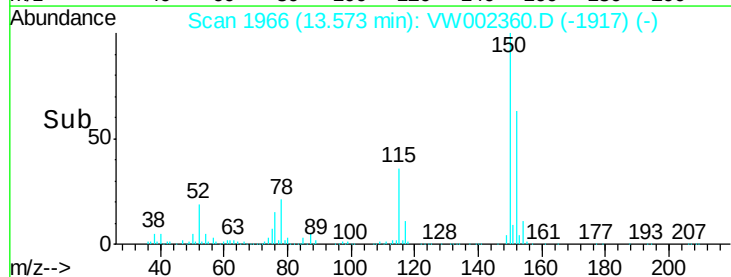
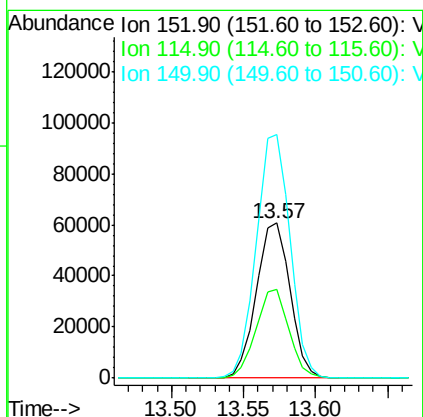
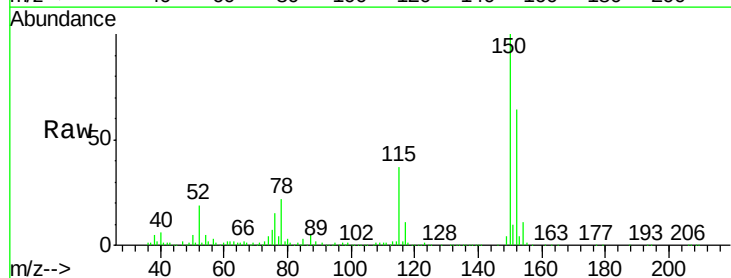
Instrument :
MSVOA_W
ClientSampleId :
BS-CONCRETE-RO-277

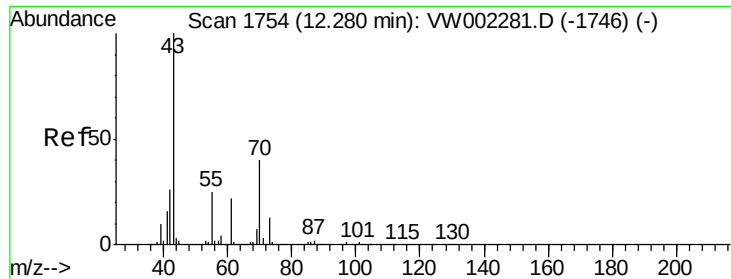
Tgt Ion:117 Resp: 206350
Ion Ratio Lower Upper
117 100
82 54.9 42.6 63.8
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002360.D
Acq: 10 May 2018 05:55

Tgt Ion:152 Resp: 98199
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 157.1 0.0 342.6





#74

N-ethyl acetate

Concen: 3.84 ug/l

RT: 12.24 min Scan# 1748

Delta R.T. -0.04 min

Lab File: VW002360.D

Acq: 10 May 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

BS-CONCRETE-RO-277

Tgt Ion: 43 Resp: 6128

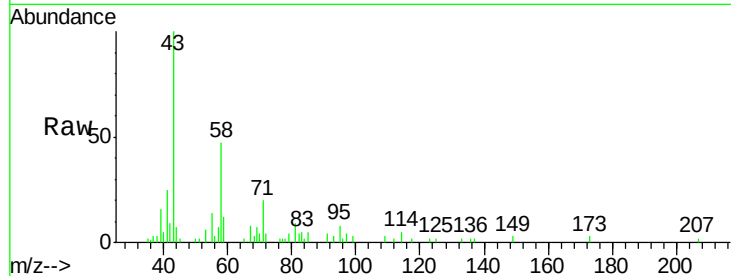
Ion Ratio Lower Upper

43 100

70 0.0 31.9 47.9#

55 12.4 19.9 29.9#

61 0.8 18.2 27.2#

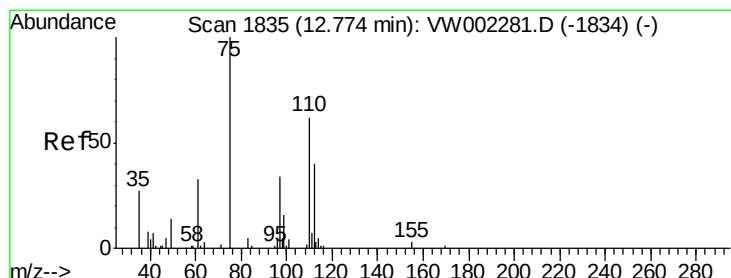
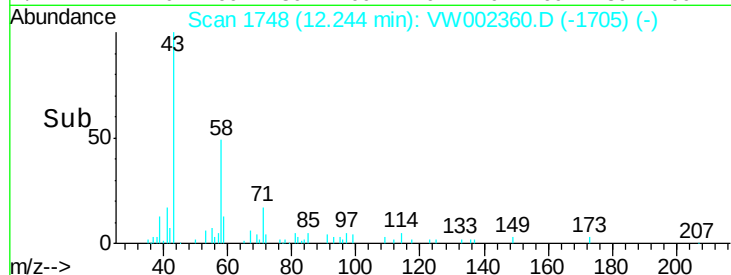
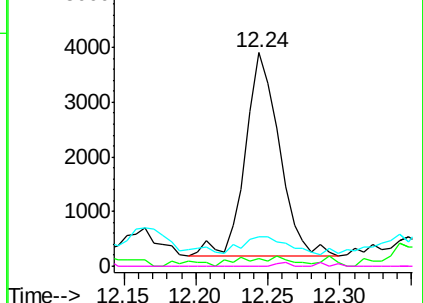


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 47.13 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002360.D

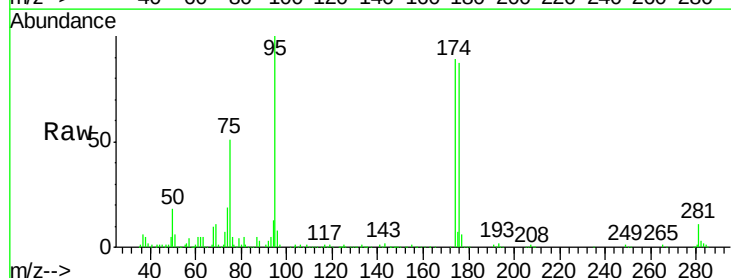
Acq: 10 May 2018 05:55

Tgt Ion: 75 Resp: 41045

Ion Ratio Lower Upper

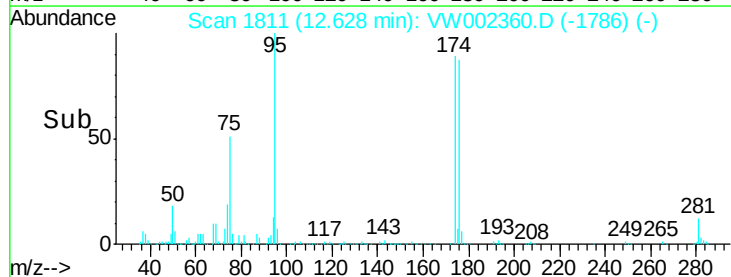
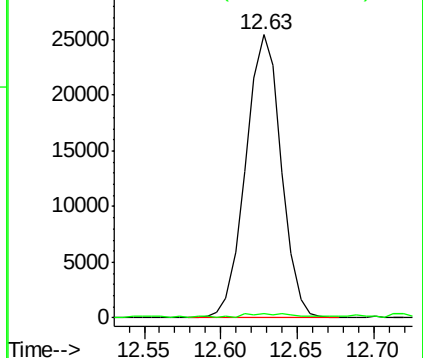
75 100

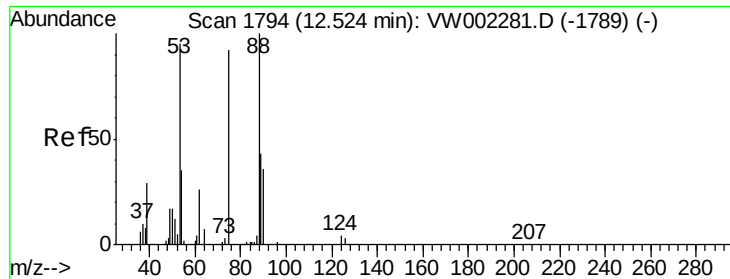
77 2.5 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

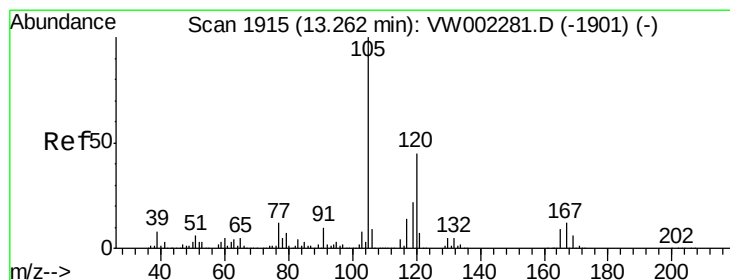
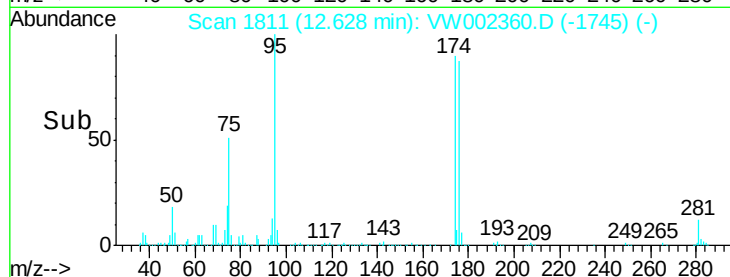
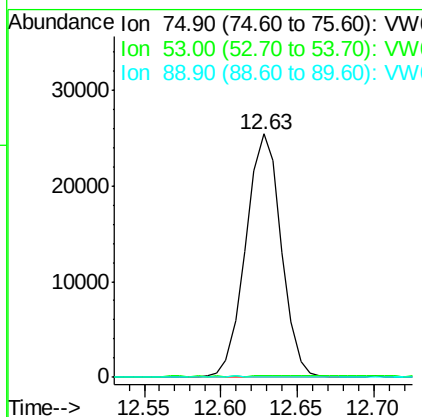
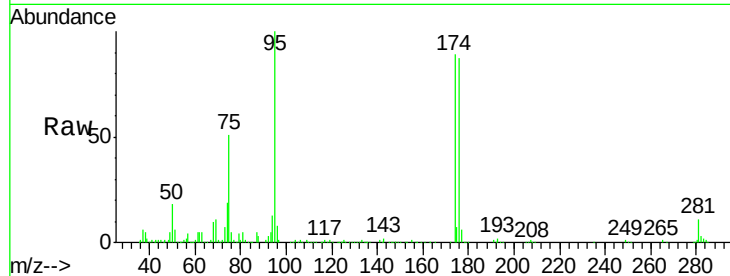




#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.16 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-CONCRETE-RO-277

Tgt Ion: 75 Resp: 41045
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.9 119.9#
 89 0.1 37.6 56.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.48 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002360.D
 Acq: 10 May 2018 05:55

Tgt Ion: 105 Resp: 13801
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.5 67.5

