

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
 Data File : VW008353.D
 Acq On : 18 Jan 2019 13:55
 Operator : SY/VA
 Sample : K1188-03RE
 Misc : 6.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S3-FRONT-HOUSE-7RE

Quant Time: Jan 19 01:44:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

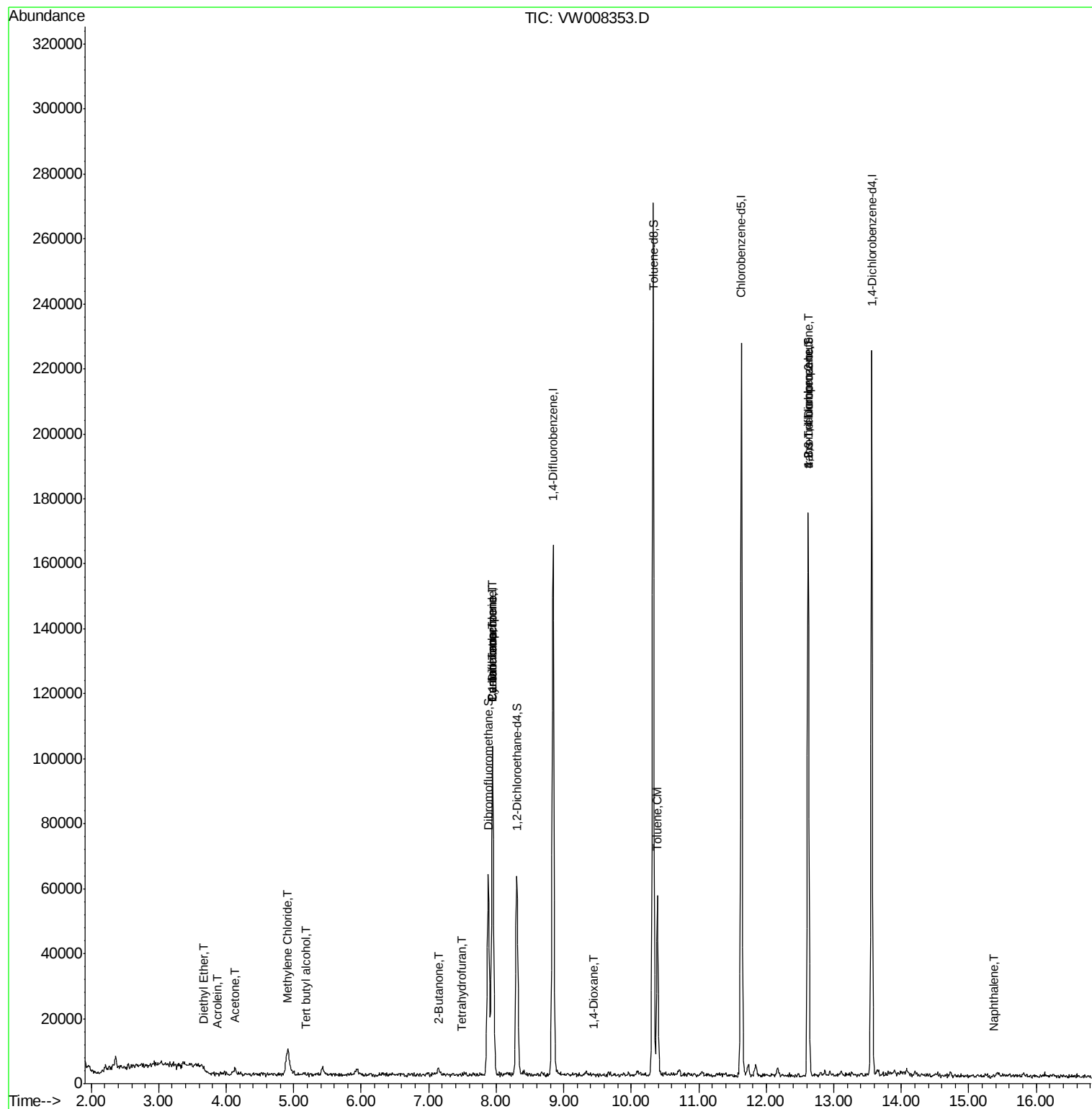
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45813	63.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.22%	
35) Dibromofluoromethane	7.88	113	43505	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	10.32	98	174327	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.62	95	55283	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	609	1.452	ug/l	80
11) Tert butyl alcohol	5.18	59	145	2.967	ug/l #	25
13) Acrolein	3.88	56	173	11.082	ug/l	84
16) Acetone	4.13	43	3546	21.034	ug/l #	87
20) Methylene Chloride	4.91	84	6865	5.627	ug/l #	93
25) 2-Butanone	7.15	43	319	1.477	ug/l #	48
29) Tetrahydrofuran	7.49	42	269	1.998	ug/l #	67
31) Cyclohexane	7.94	56	2318	1.710	ug/l #	12
36) 1,1-Dichloropropene	7.94	75	6578	4.977	ug/l #	53
38) Carbon Tetrachloride	7.95	117	7591	5.816	ug/l #	19
49) 1,4-Dioxane	9.44	88	68	8.714	ug/l #	70
52) Toluene	10.39	92	22640	9.555	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	28277	57.574	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	28277	137.396	ug/l #	11
95) Naphthalene	15.38	128	281	2.459	ug/l #	81

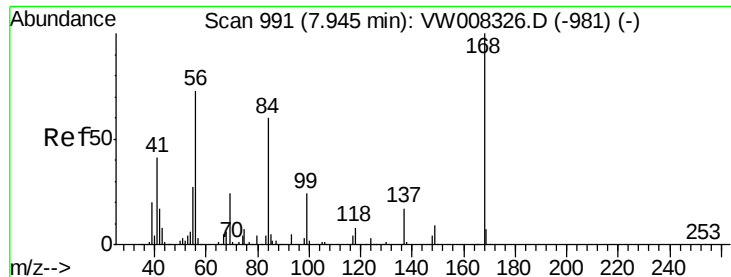
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
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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: VW008353.D

Acq: 18 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

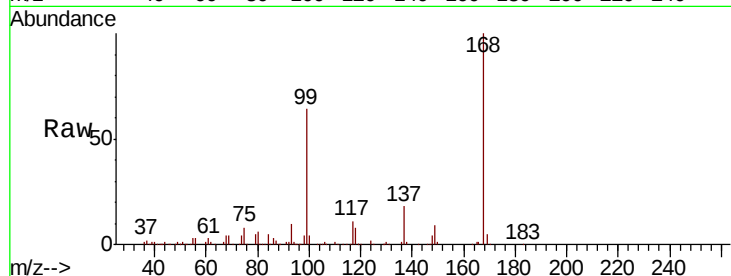
S3-FRONT-HOUSE-7RE

Tgt Ion:168 Resp: 69784

Ion Ratio Lower Upper

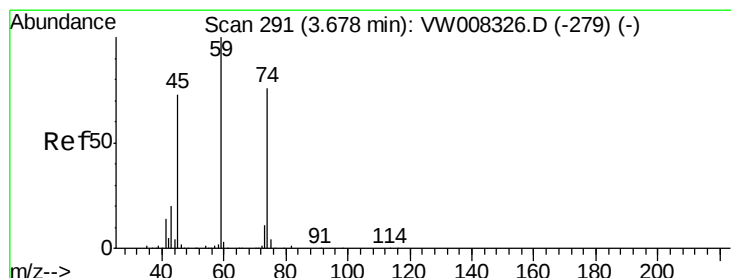
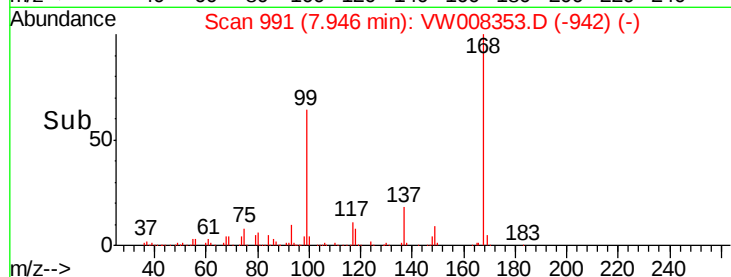
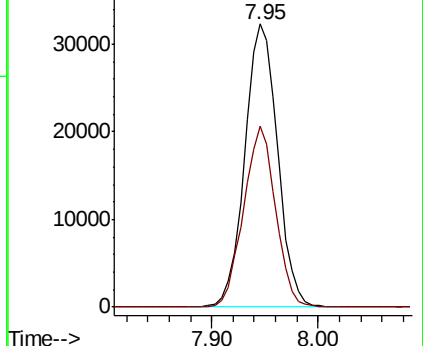
168 100

99 64.0 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.452 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW008353.D

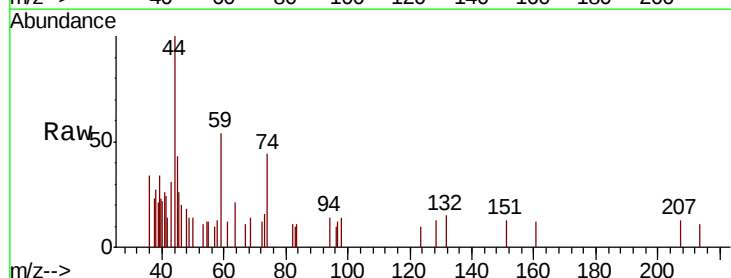
Acq: 18 Jan 2019 13:55

Tgt Ion: 74 Resp: 609

Ion Ratio Lower Upper

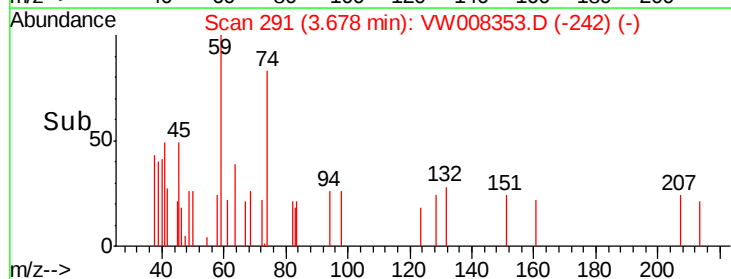
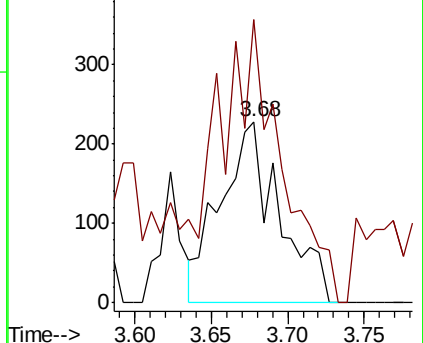
74 100

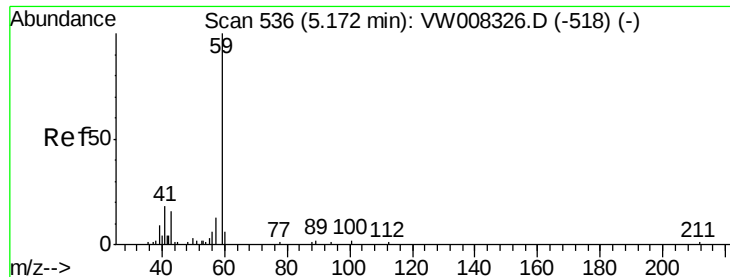
45 120.5 50.1 150.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



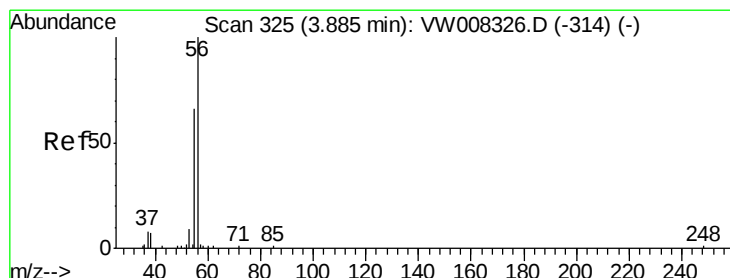
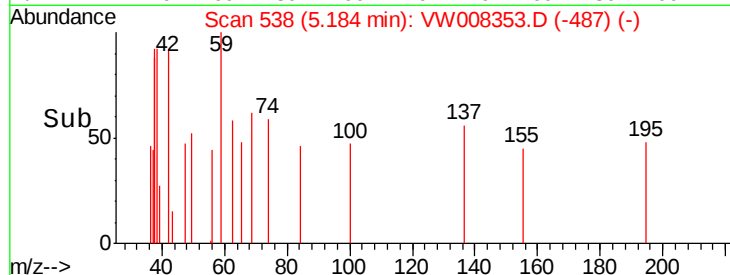
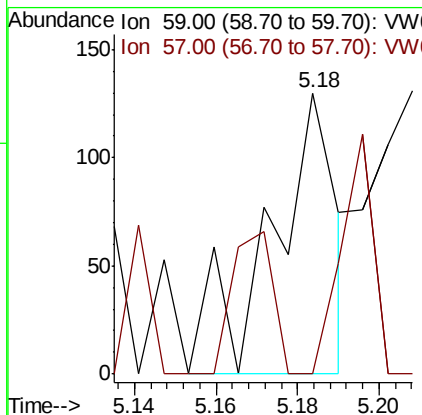
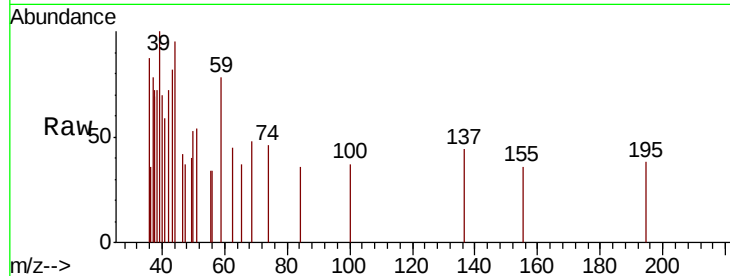


#11

Tert butyl alcohol
 Concen: 2.967 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

Instrument :
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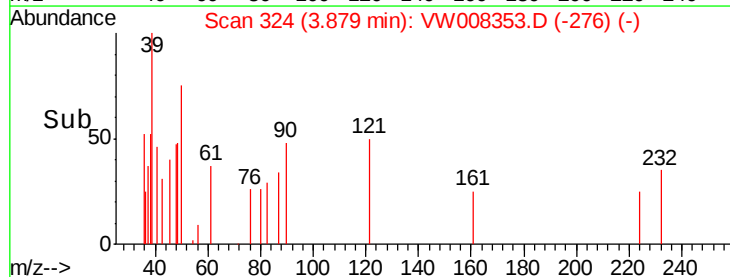
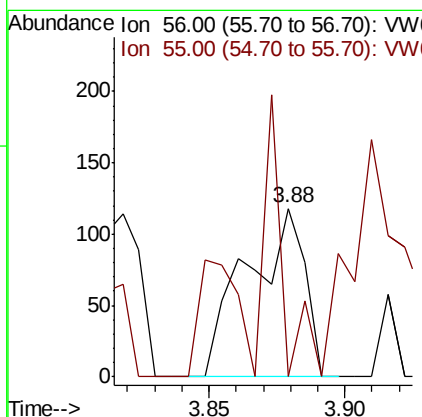
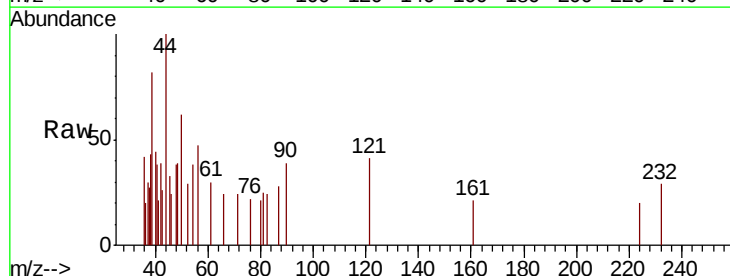
Tgt Ion: 59 Resp: 145
 Ion Ratio Lower Upper
 59 100
 57 40.7 9.4 14.2#

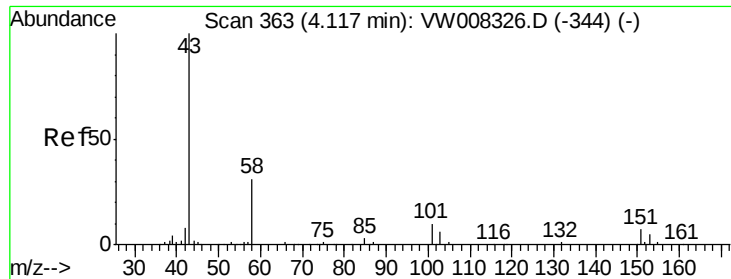


#13

Acrolein
 Concen: 11.082 ug/l
 RT: 3.88 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

Tgt Ion: 56 Resp: 173
 Ion Ratio Lower Upper
 56 100
 55 53.2 52.9 79.3





#16

Acetone

Concen: 21.034 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

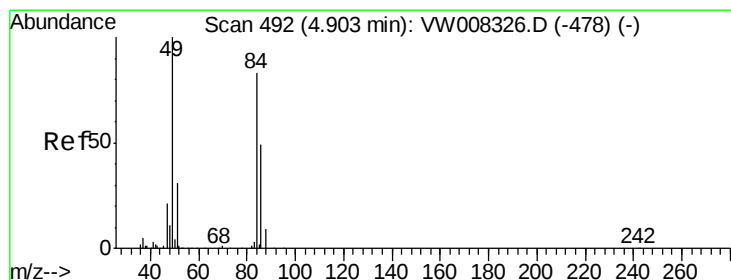
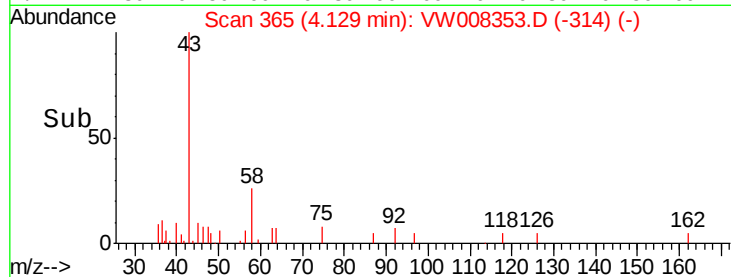
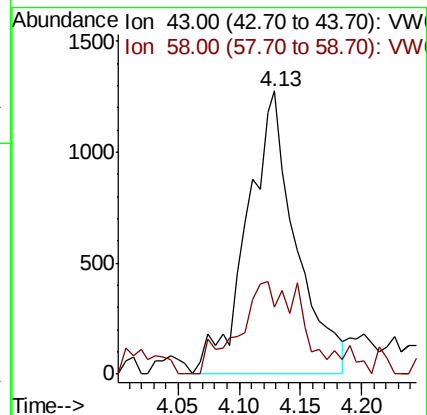
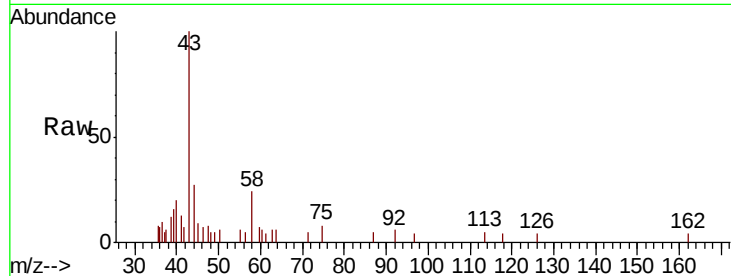
S3-FRONT-HOUSE-7RE

Tgt Ion: 43 Resp: 3546

Ion Ratio Lower Upper

43 100

58 23.8 24.7 37.1#



#20

Methylene Chloride

Concen: 5.627 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

Tgt Ion: 84 Resp: 6865

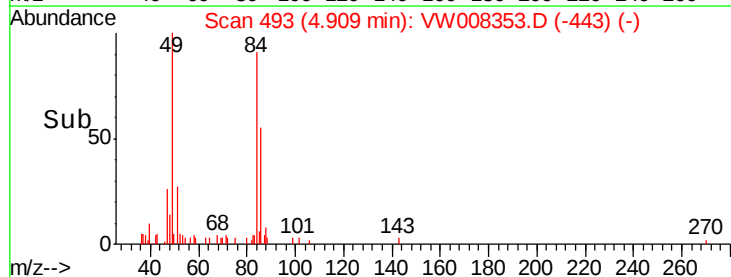
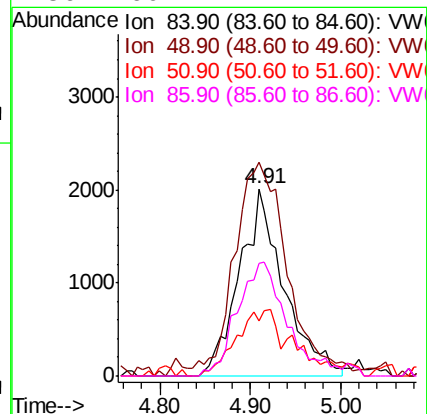
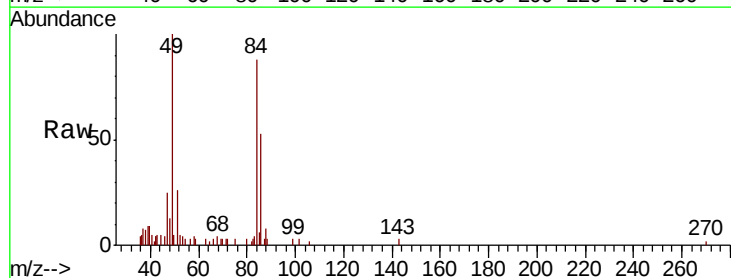
Ion Ratio Lower Upper

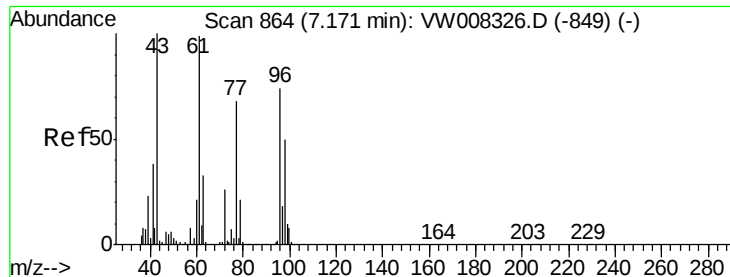
84 100

49 110.2 95.9 143.9

51 29.1 29.3 43.9#

86 60.2 47.4 71.2





#25

2-Butanone

Concen: 1.477 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

Instrument :

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ClientSampleId :

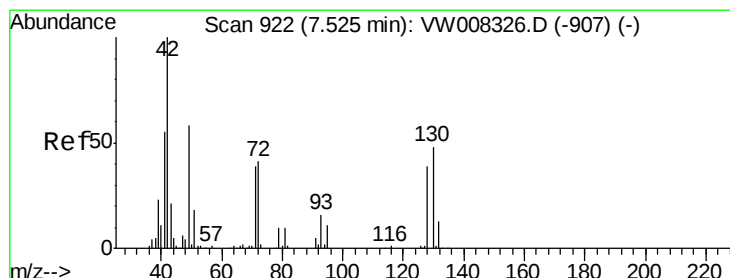
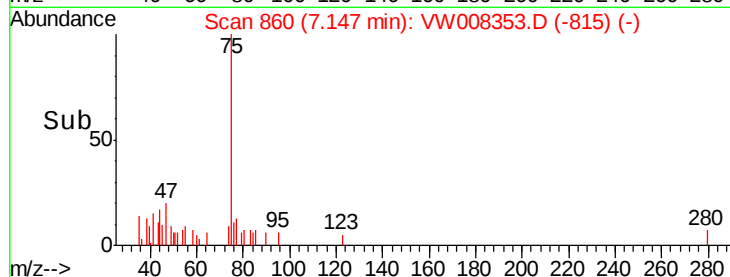
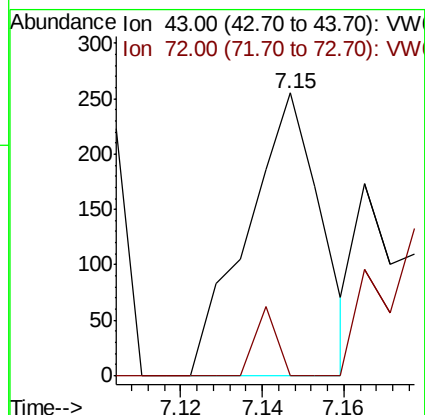
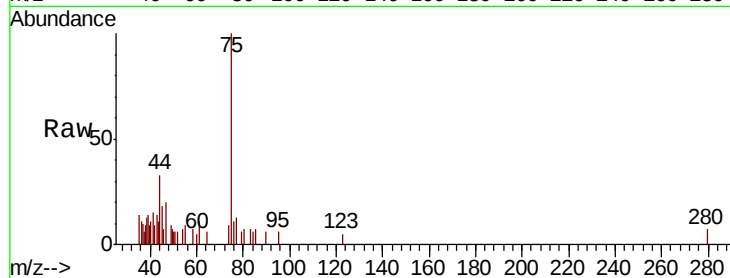
S3-FRONT-HOUSE-7RE

Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#29

Tetrahydrofuran

Concen: 1.998 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.04 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

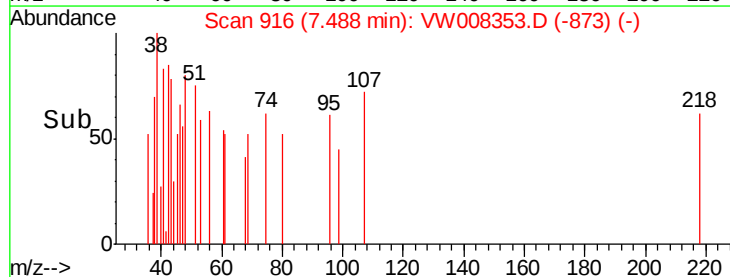
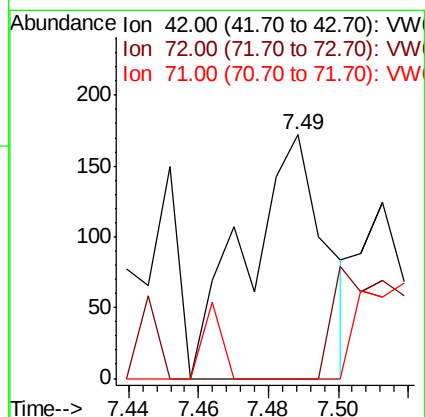
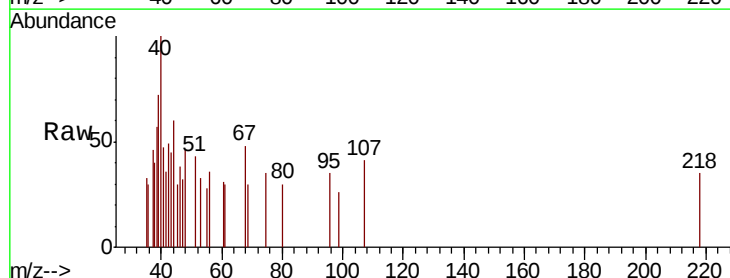
Tgt Ion: 42 Resp: 269

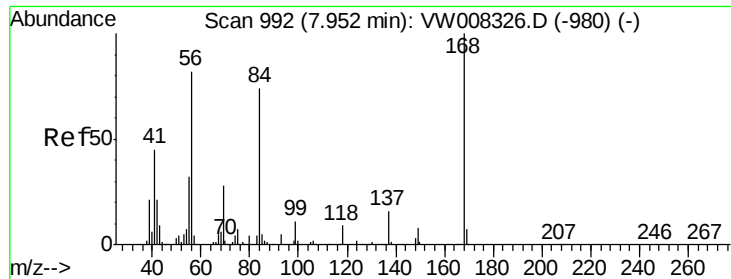
Ion Ratio Lower Upper

42 100

72 44.2 34.0 51.0

71 0.0 32.0 48.0#

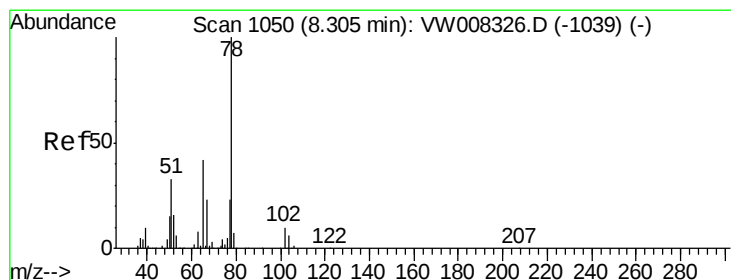
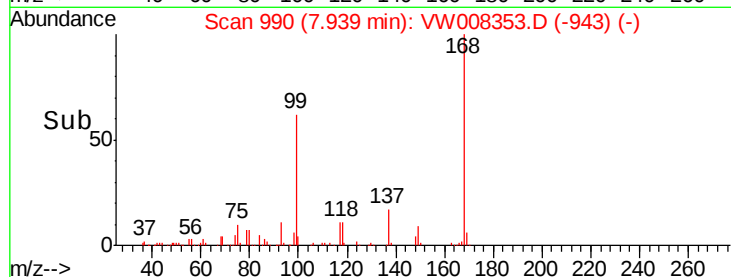
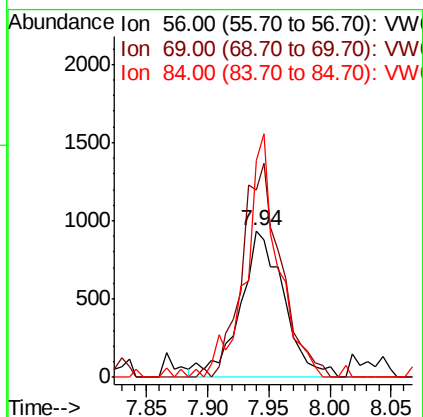
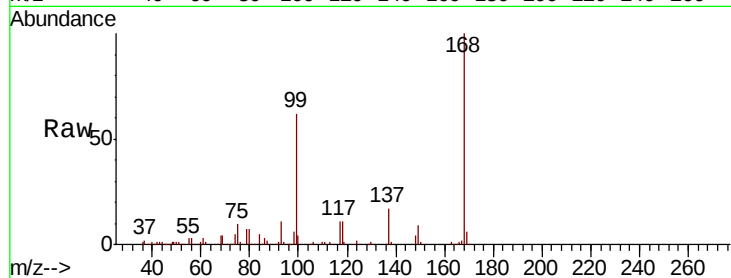




#31
Cyclohexane
Concen: 1.710 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008353.D
Acq: 18 Jan 2019 13:55

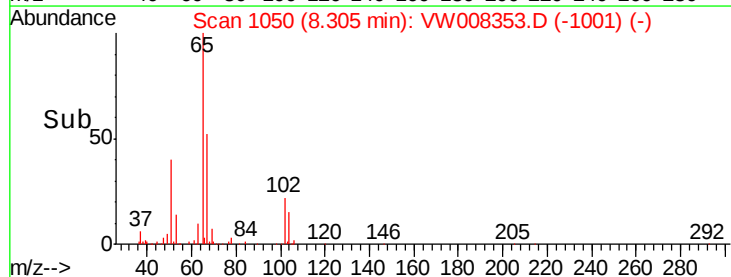
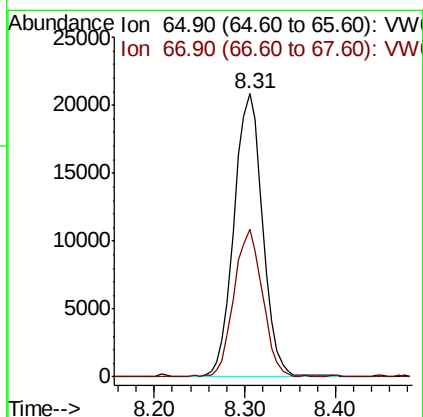
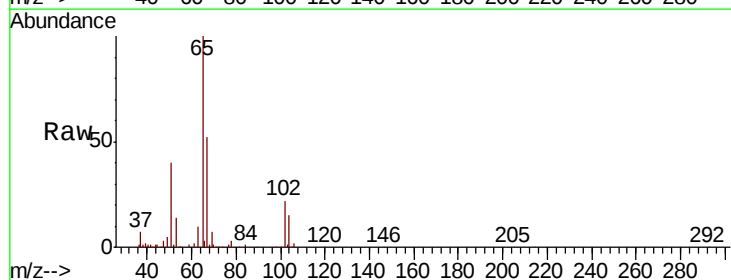
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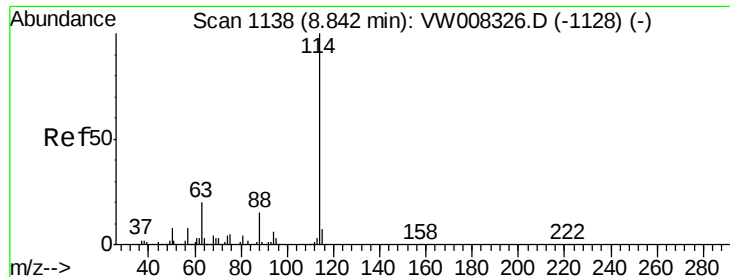
Tgt Ion: 56 Resp: 2318
Ion Ratio Lower Upper
56 100
69 127.4 27.0 40.6#
84 147.5 72.5 108.7#



#33
1,2-Dichloroethane-d4
Concen: 63.111 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008353.D
Acq: 18 Jan 2019 13:55

Tgt Ion: 65 Resp: 45813
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

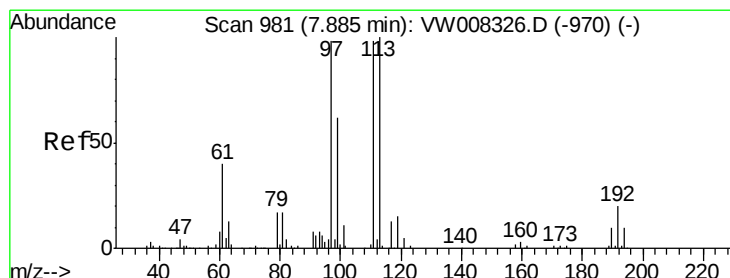
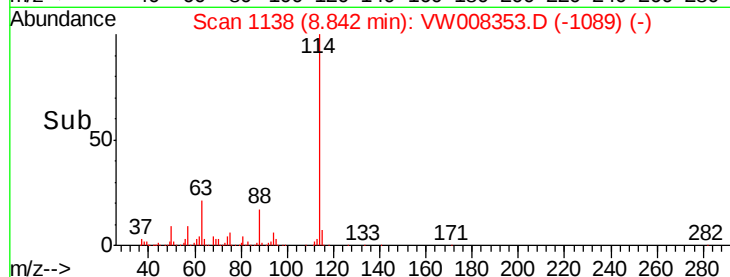
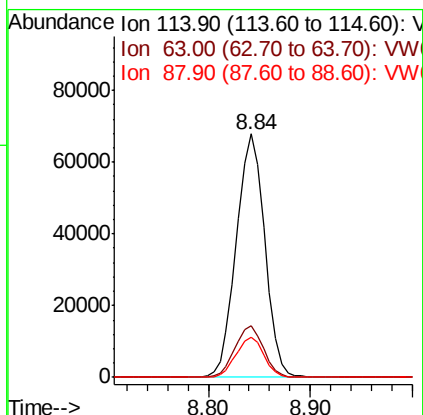
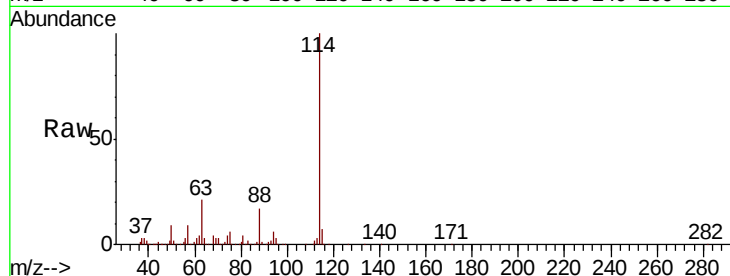




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

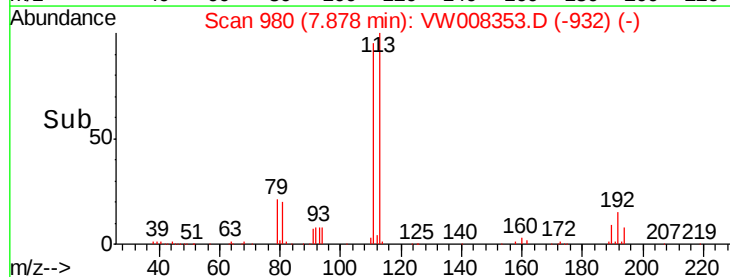
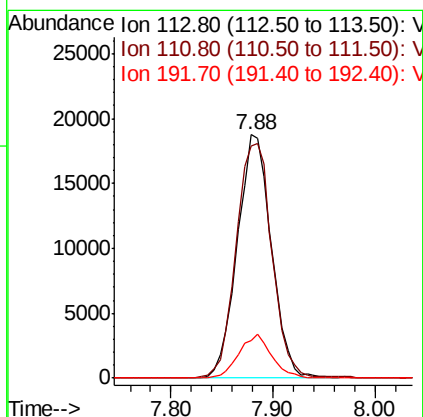
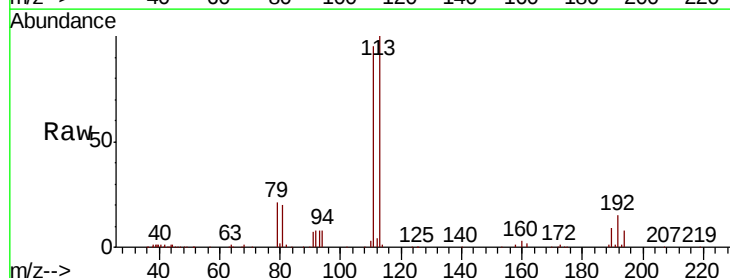
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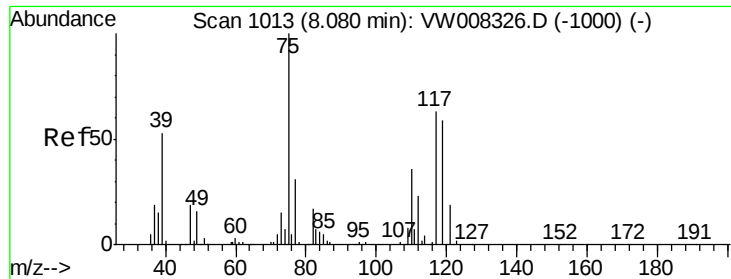
Tgt Ion:114 Resp: 131376
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 16.6 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 51.877 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

Tgt Ion:113 Resp: 43505
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 17.2 16.3 24.5

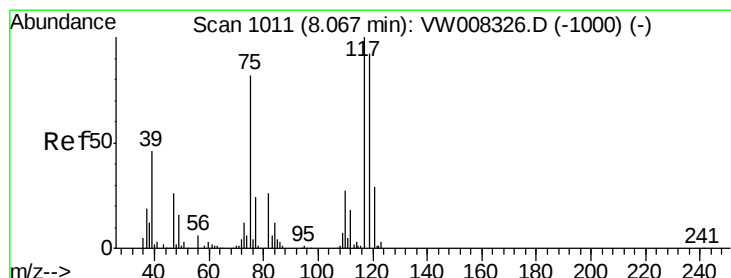
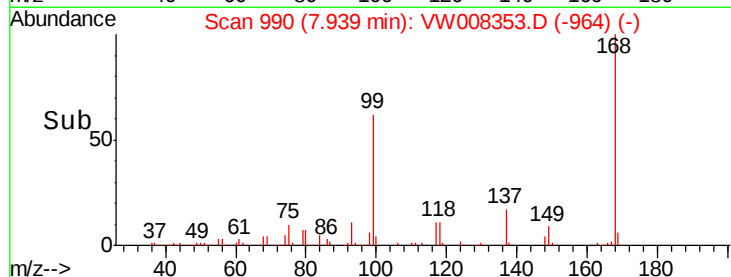
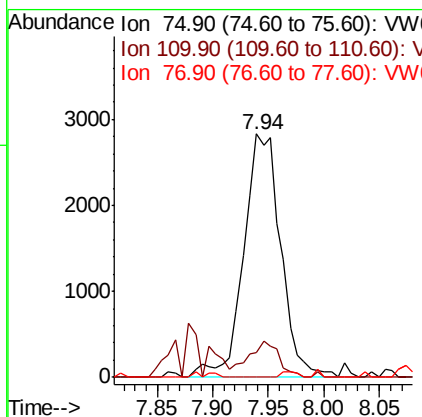
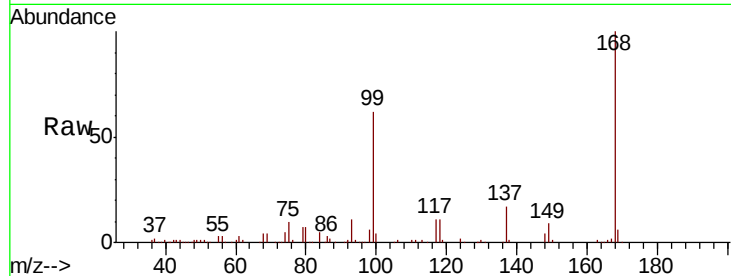




#36
 1,1-Dichloropropene
 Concen: 4.977 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

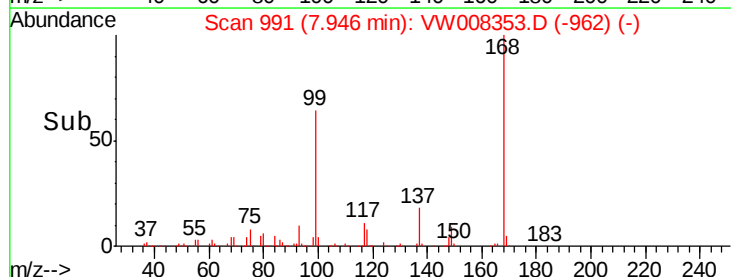
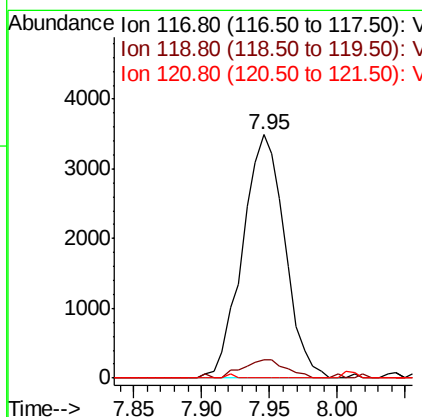
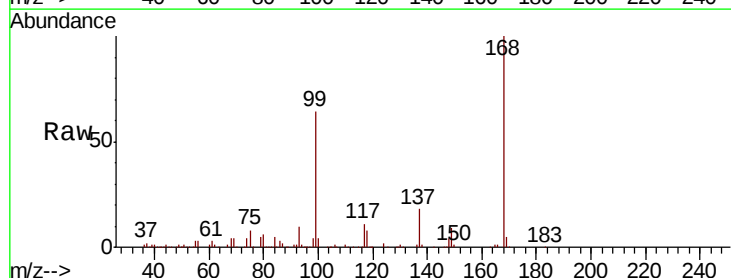
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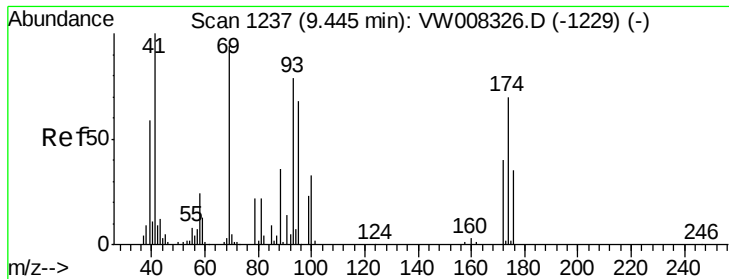
Tgt Ion: 75 Resp: 6578
 Ion Ratio Lower Upper
 75 100
 110 12.5 17.5 52.6#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.816 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

Tgt Ion: 117 Resp: 7591
 Ion Ratio Lower Upper
 117 100
 119 7.3 73.8 110.6#
 121 0.0 23.4 35.0#

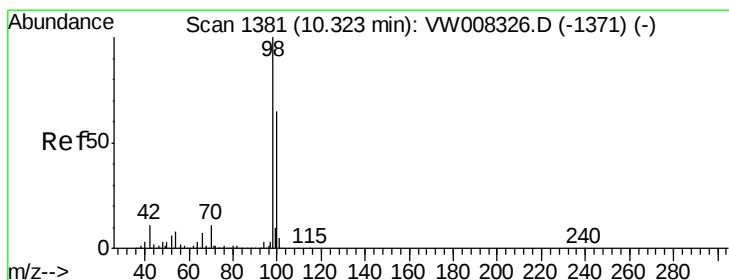
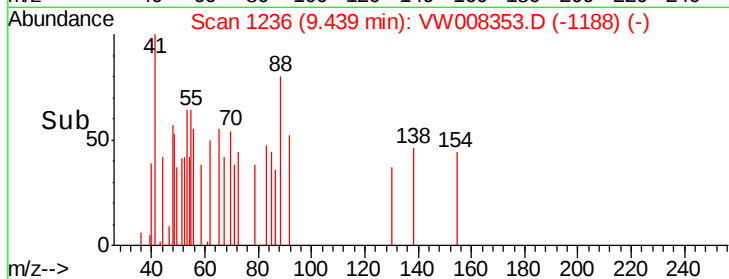
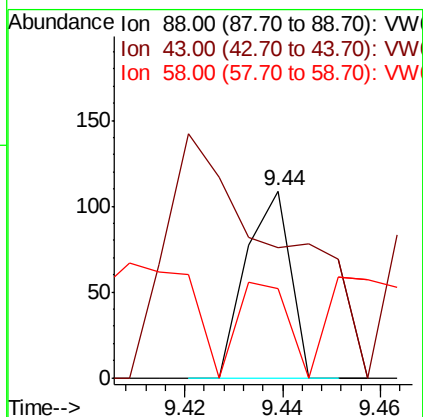
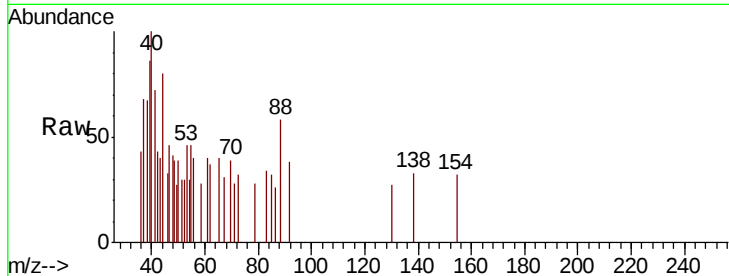




#49
1,4-Dioxane
Concen: 8.714 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008353.D
Acq: 18 Jan 2019 13:55

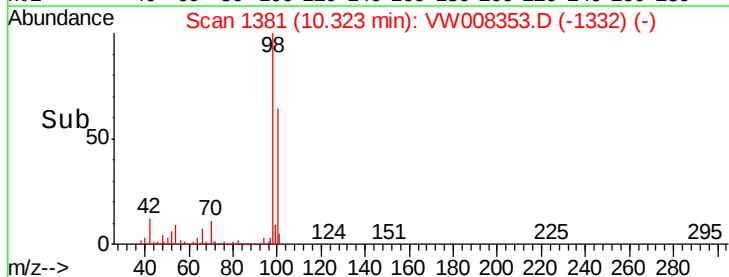
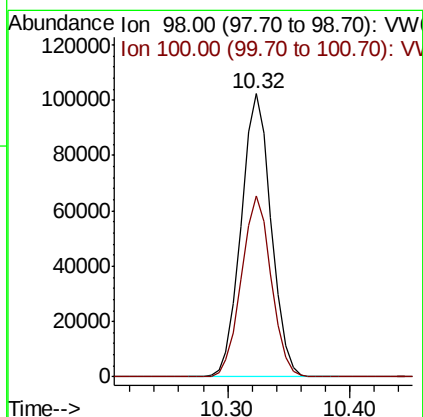
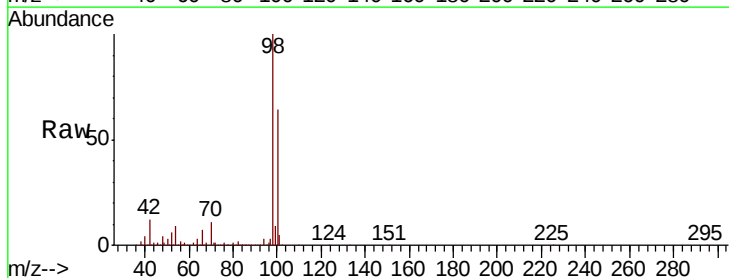
Instrument :
MSVOA_W
ClientSampleId :
S3-FRONT-HOUSE-7RE

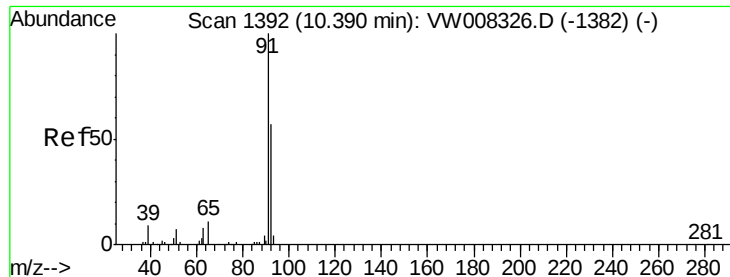
Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 58.8 57.9 86.9



#50
Toluene-d8
Concen: 52.914 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008353.D
Acq: 18 Jan 2019 13:55

Tgt Ion: 98 Resp: 174327
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8





#52

Toluene

Concen: 9.555 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

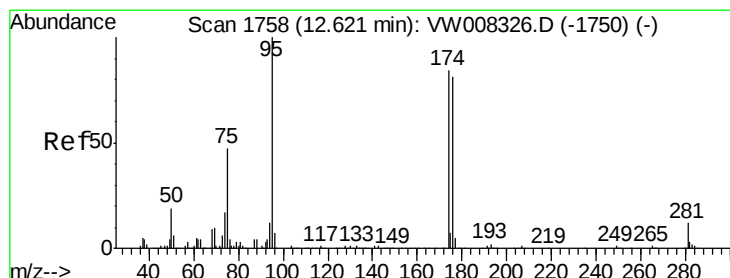
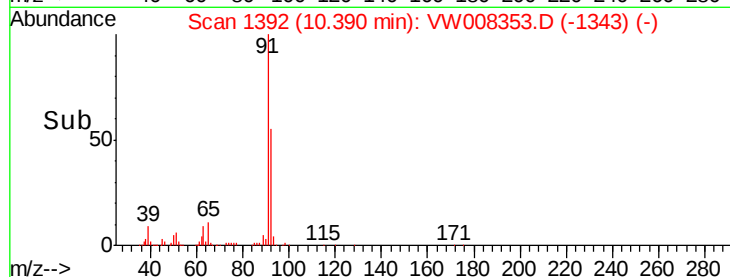
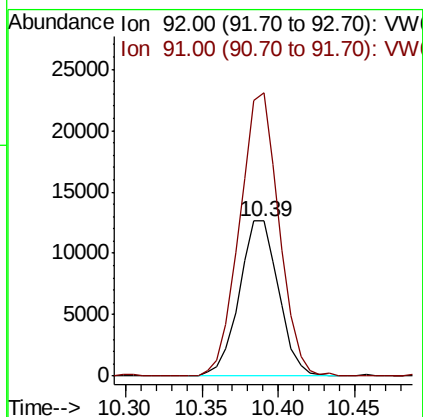
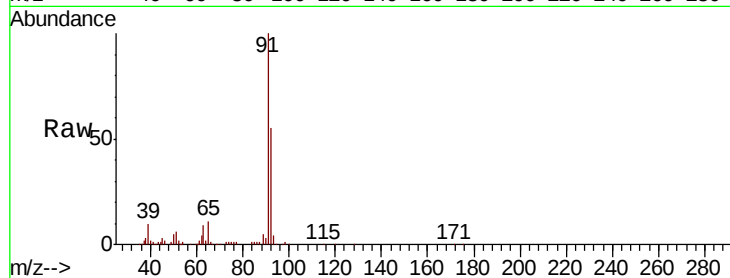
S3-FRONT-HOUSE-7RE

Tgt Ion: 92 Resp: 22640

Ion Ratio Lower Upper

92 100

91 181.9 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 46.787 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

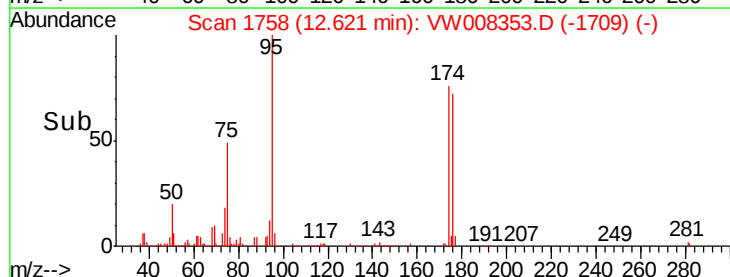
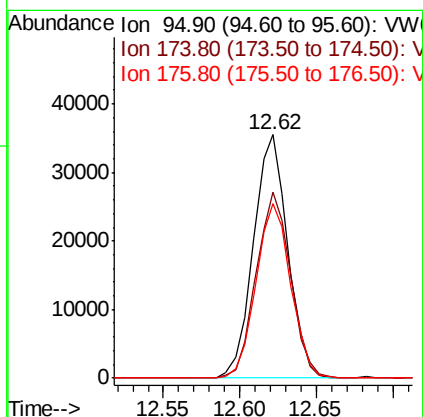
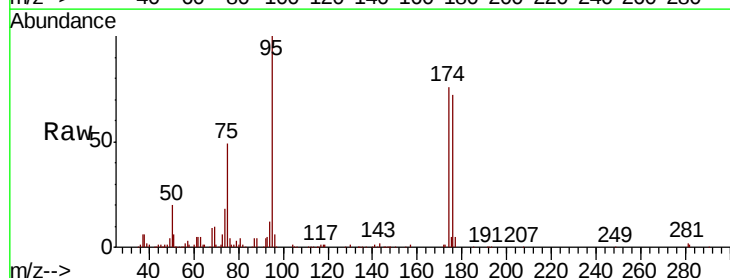
Tgt Ion: 95 Resp: 55283

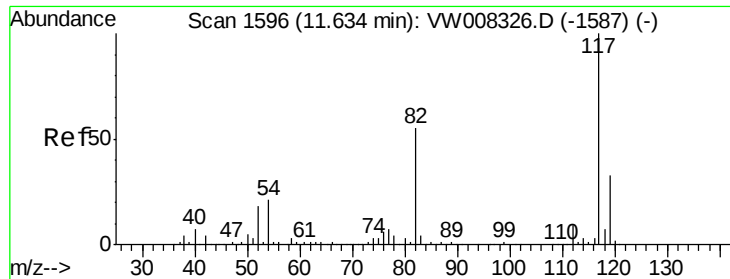
Ion Ratio Lower Upper

95 100

174 76.9 0.0 166.0

176 72.9 0.0 160.0

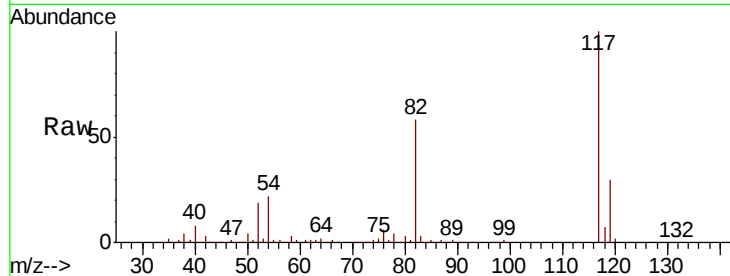




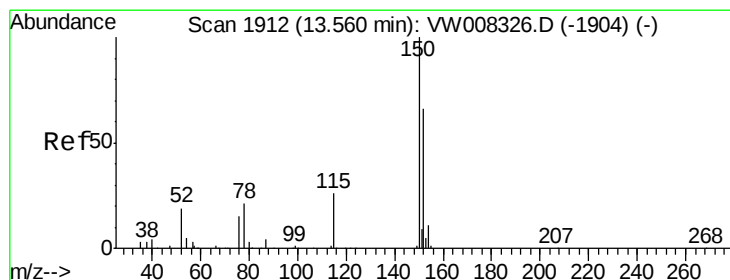
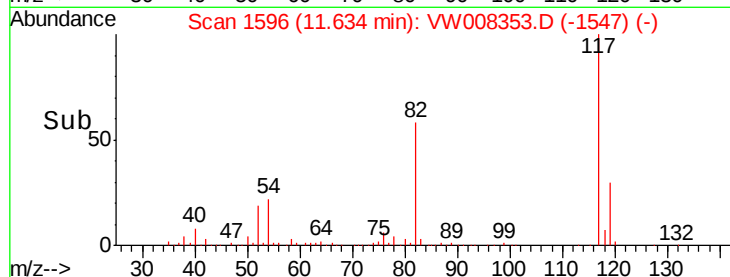
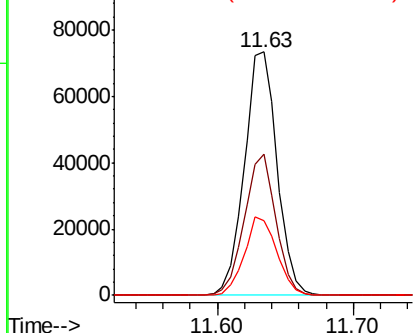
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008353.D
Acq: 18 Jan 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
S3-FRONT-HOUSE-7RE

Tgt Ion:117 Resp: 123546
Ion Ratio Lower Upper
117 100
82 58.1 44.3 66.5
119 30.5 26.3 39.5

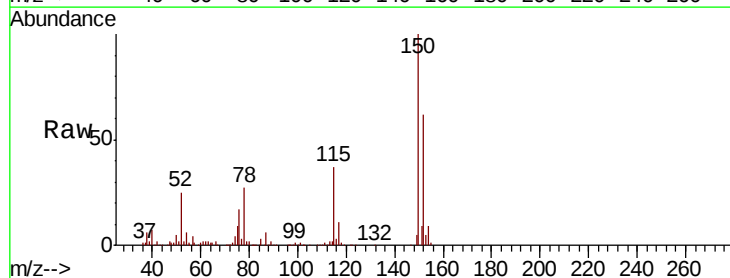


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

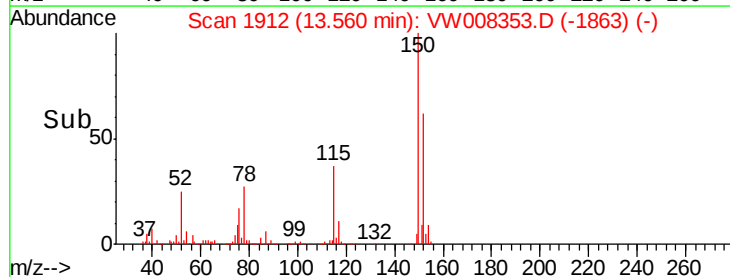
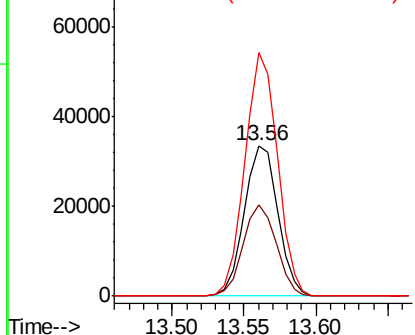


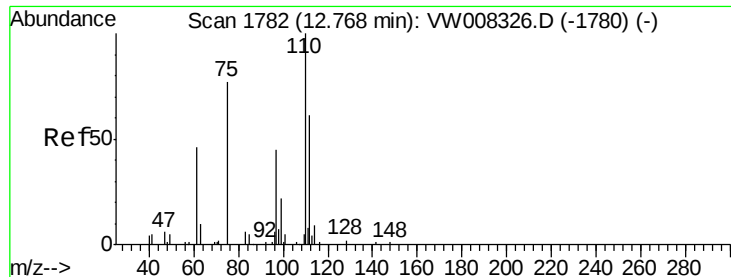
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008353.D
Acq: 18 Jan 2019 13:55

Tgt Ion:152 Resp: 53933
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.4
150 157.5 0.0 351.4



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: 57.574 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

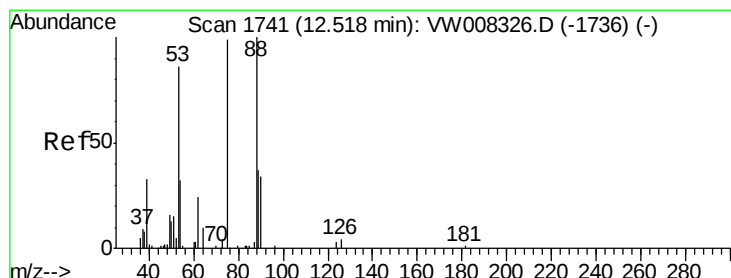
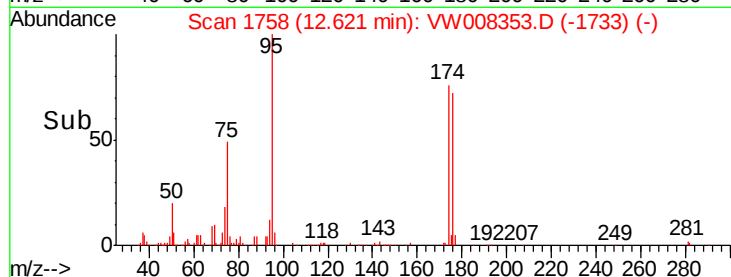
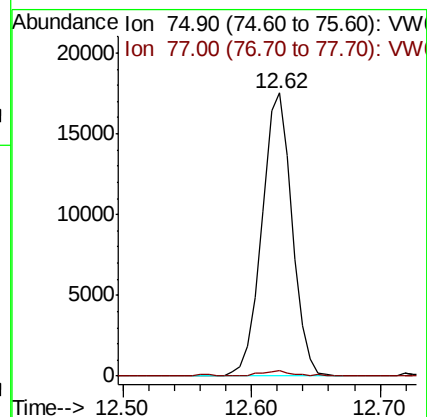
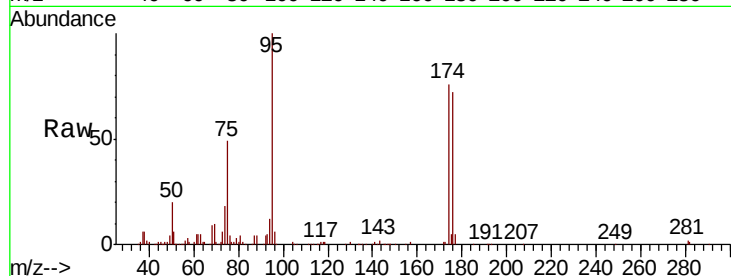
S3-FRONT-HOUSE-7RE

Tgt Ion: 75 Resp: 28277

Ion Ratio Lower Upper

75 100

77 2.1 175.3 526.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.396 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008353.D

Acq: 18 Jan 2019 13:55

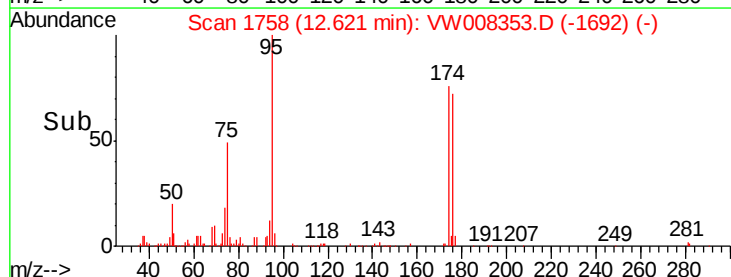
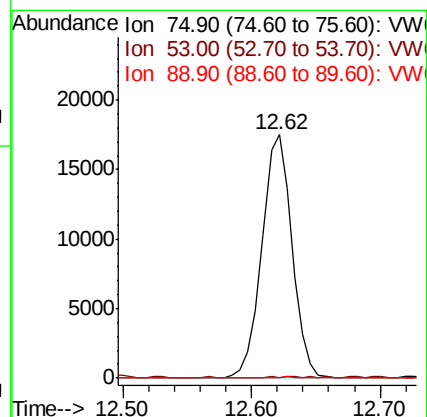
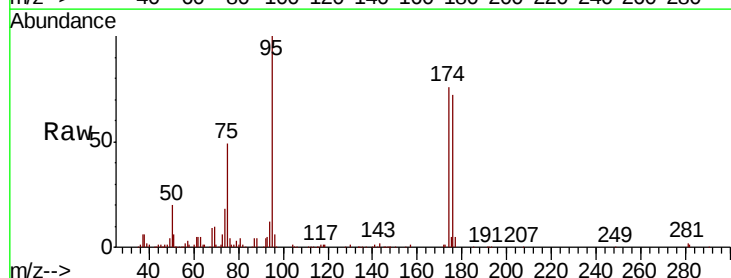
Tgt Ion: 75 Resp: 28277

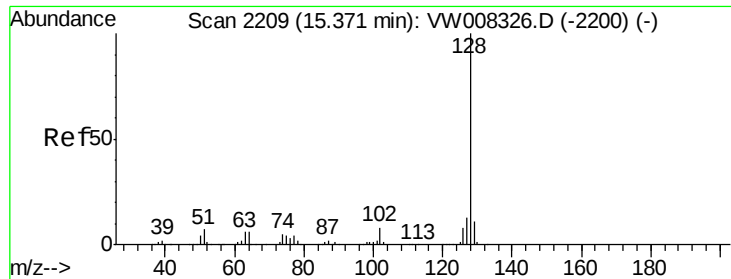
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.4#

89 0.1 36.7 55.1#

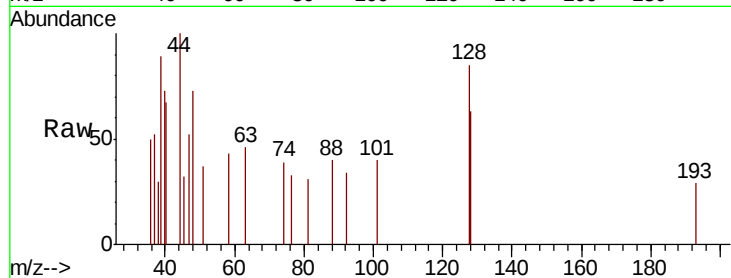




#95
 Naphthalene
 Concen: 2.459 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW008353.D
 Acq: 18 Jan 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 S3-FRONT-HOUSE-7RE

Tgt Ion:128 Resp: 281
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 10.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

