

Data File : VW008737.D
Acq On : 18 Feb 2019 19:07
Operator : SY/VA
Sample : K1518-13RE
Misc : 5.92G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

Quant Time: Feb 19 03:32:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	360967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	553919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	474471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	211104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	196331	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	7.88	113	175741	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.32	98	651941	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.62	95	215307	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	

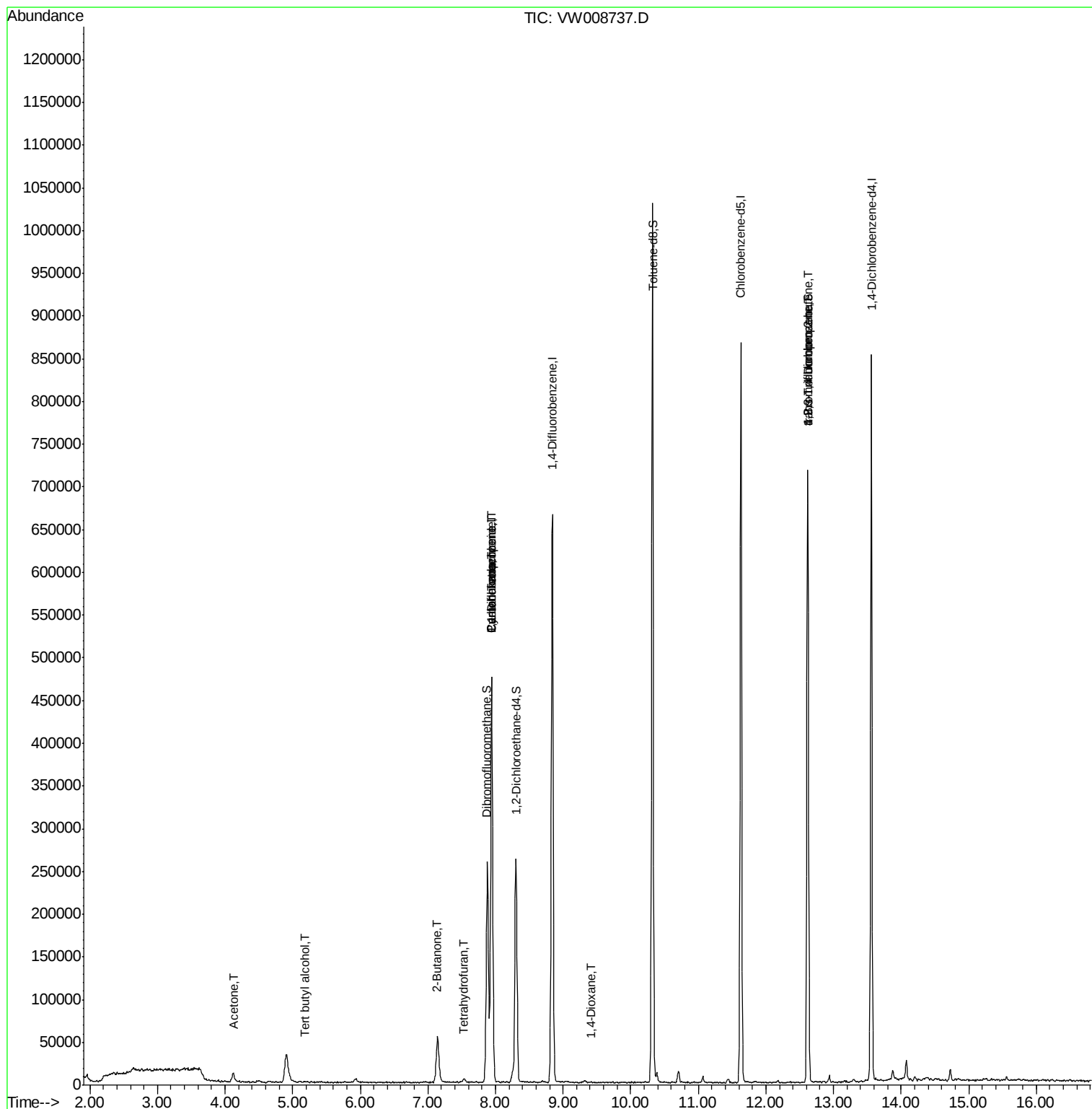
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.17	59	1147	3.820	ug/l #	85
16) Acetone	4.13	43	18066	21.156	ug/l	94
25) 2-Butanone	7.14	43	3522	2.921	ug/l #	70
29) Tetrahydrofuran	7.52	42	3016	3.795	ug/l #	87
31) Cyclohexane	7.94	56	8700	1.268	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	26601	4.780	ug/l #	52
38) Carbon Tetrachloride	7.95	117	34637	6.259	ug/l #	16
49) 1,4-Dioxane	9.43	88	53	1.602	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	109164	52.368	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	109164	112.163	ug/l #	6

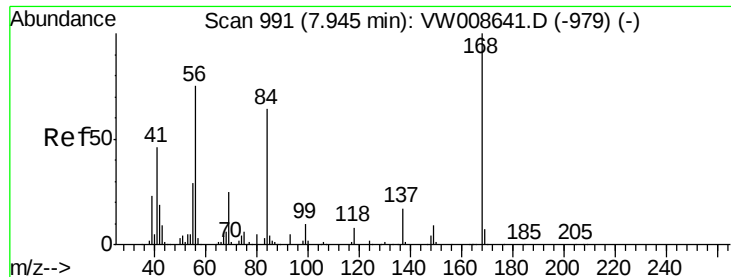
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 18 Feb 2019 19:07

Instrument :

MSVOA_W

ClientSampleId :

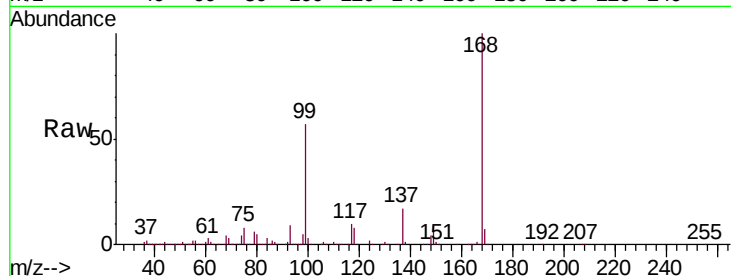
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion:168 Resp: 360967

Ion Ratio Lower Upper

168 100

99 56.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

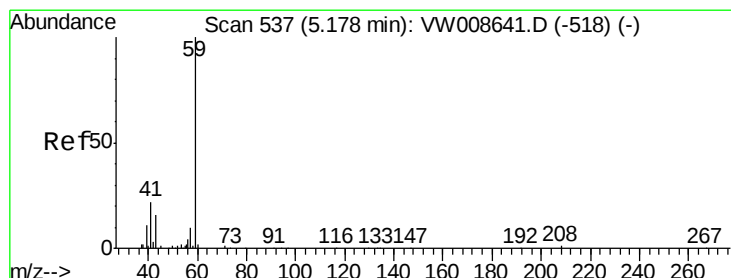
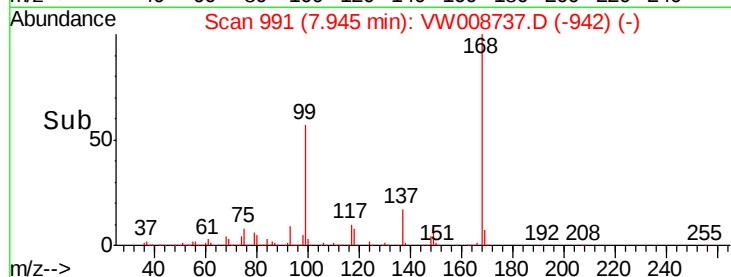
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.820 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW008737.D

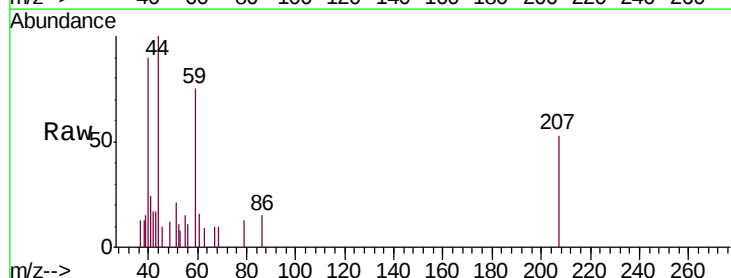
Acq: 18 Feb 2019 19:07

Tgt Ion: 59 Resp: 1147

Ion Ratio Lower Upper

59 100

57 4.6 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

500

400

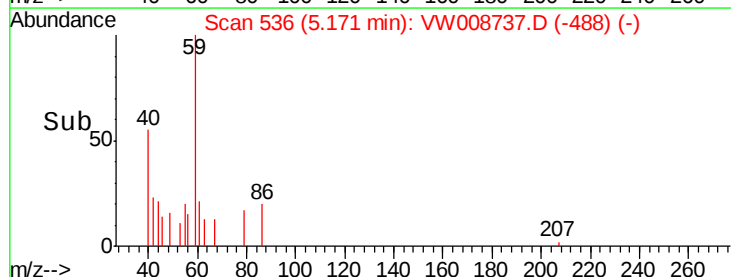
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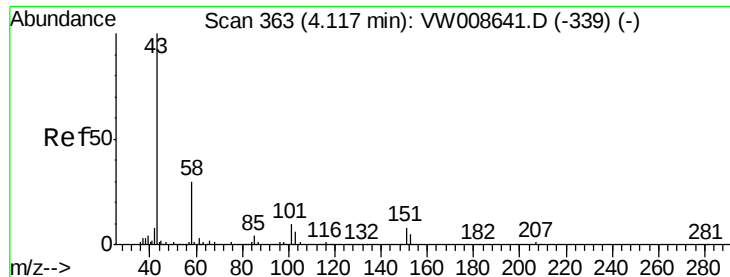
200

100

0

Time-->





#16

Acetone

Concen: 21.156 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

Instrument :

MSVOA_W

ClientSampleId :

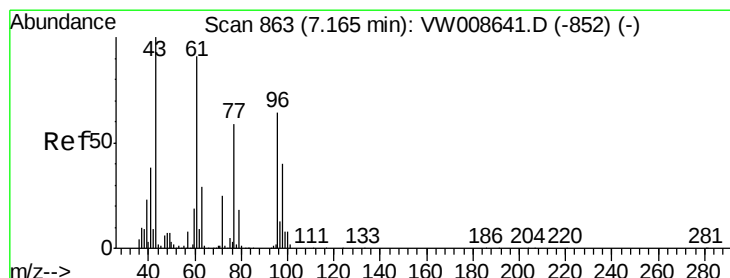
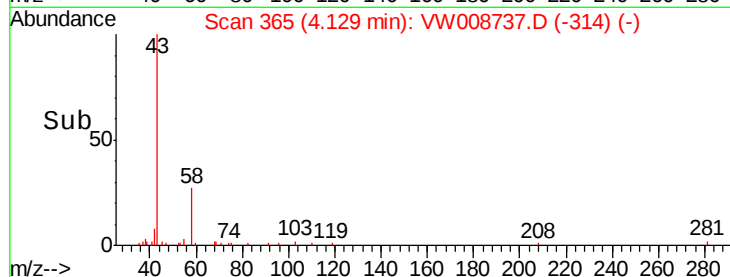
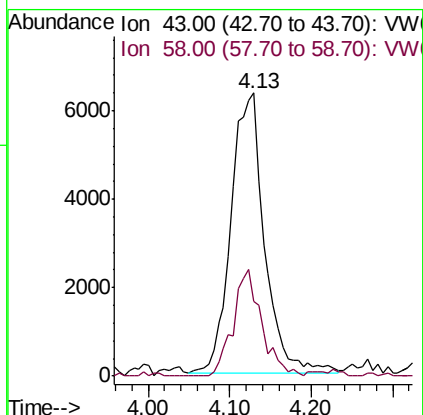
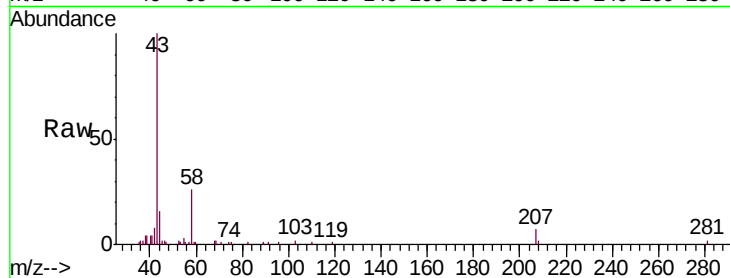
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 43 Resp: 18066

Ion Ratio Lower Upper

43 100

58 26.7 24.1 36.1



#25

2-Butanone

Concen: 2.921 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW008737.D

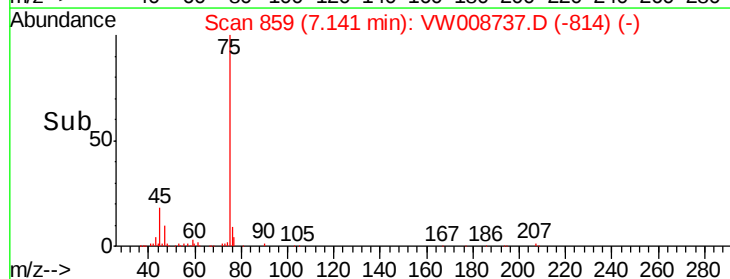
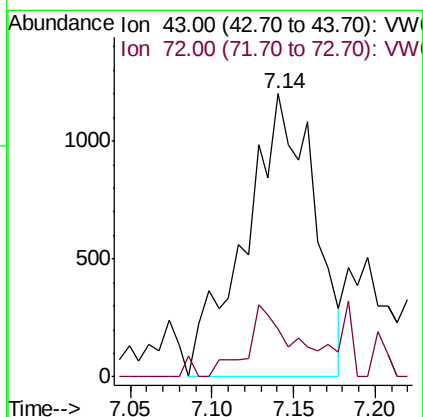
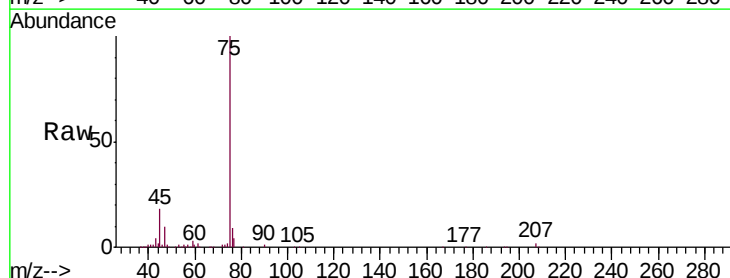
Acq: 18 Feb 2019 19:07

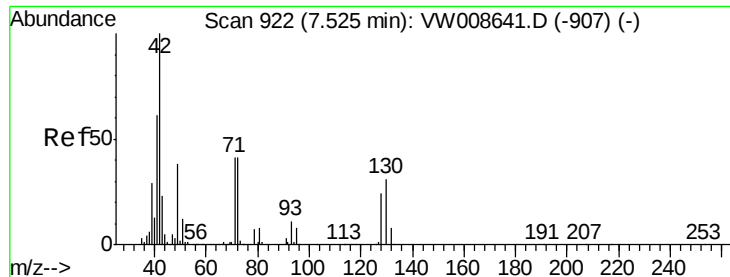
Tgt Ion: 43 Resp: 3522

Ion Ratio Lower Upper

43 100

72 9.4 19.7 29.5#

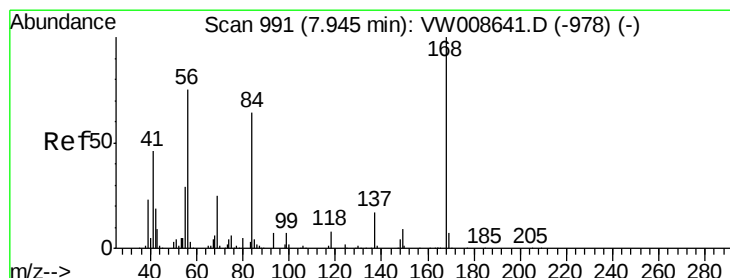
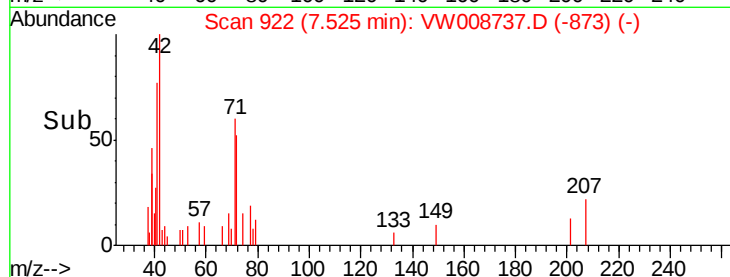
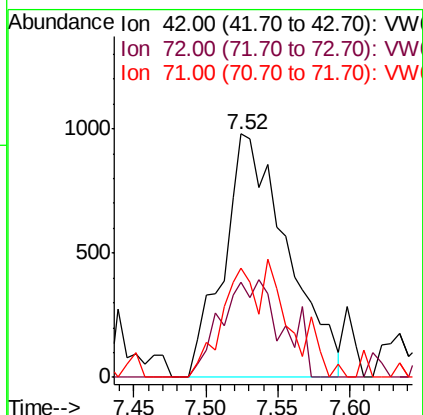
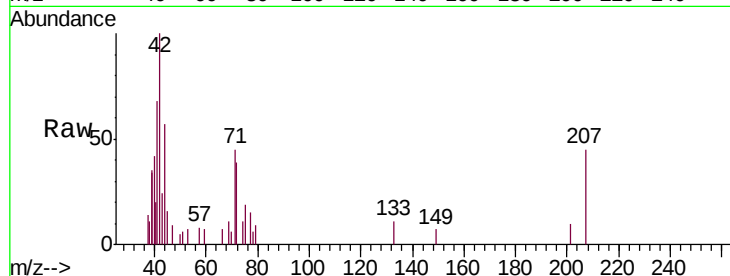




#29
Tetrahydrofuran
Concen: 3.795 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008737.D
Acq: 18 Feb 2019 19:07

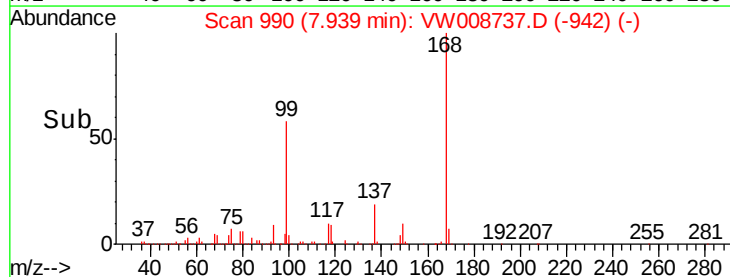
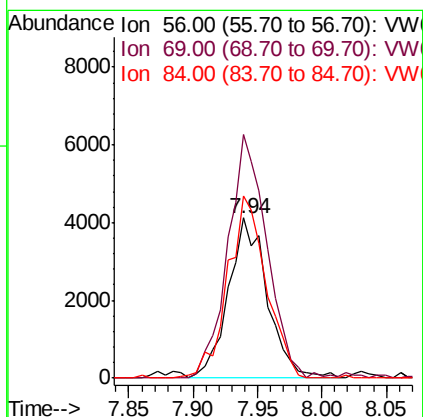
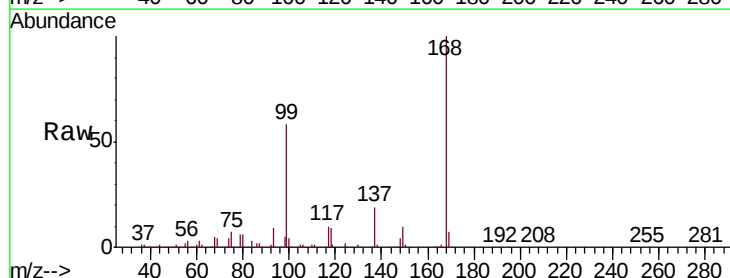
Instrument :
MSVOA_W
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CABLE-BRIDGE-FOUNDATION-D-7

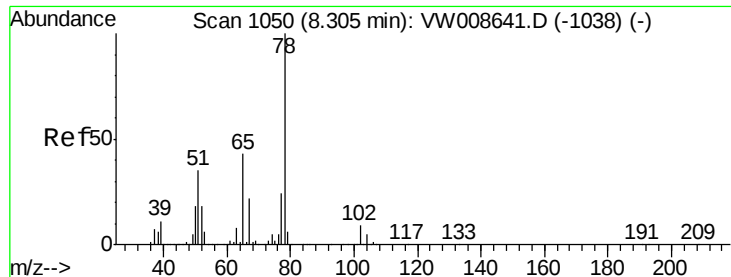
Tgt Ion: 42 Resp: 3016
Ion Ratio Lower Upper
42 100
72 38.3 32.2 48.2
71 25.0 31.0 46.6#



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008737.D
Acq: 18 Feb 2019 19:07

Tgt Ion: 56 Resp: 8700
Ion Ratio Lower Upper
56 100
69 150.7 26.4 39.6#
84 113.4 67.4 101.2#

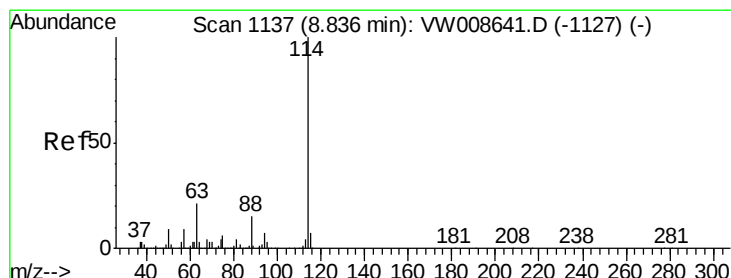
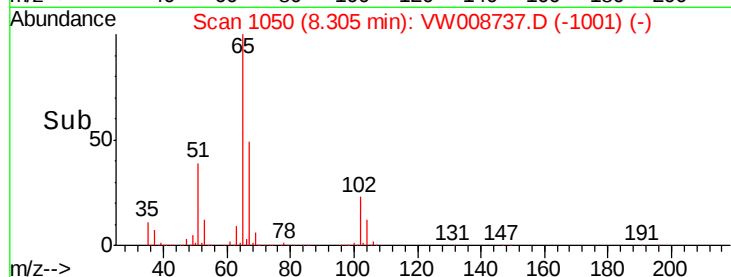
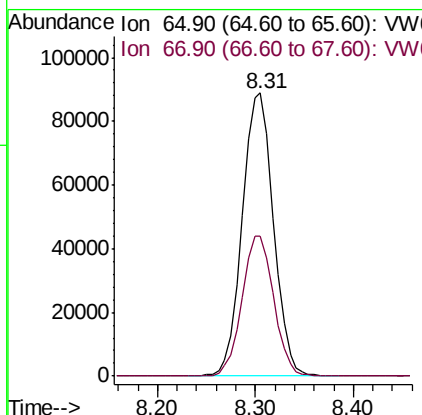
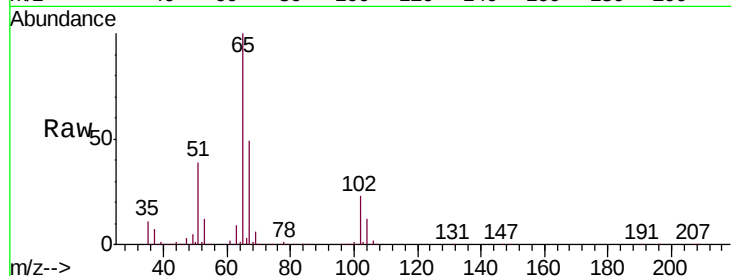




#33
 1,2-Dichloroethane-d4
 Concen: 52.317 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008737.D
 Acq: 18 Feb 2019 19:07

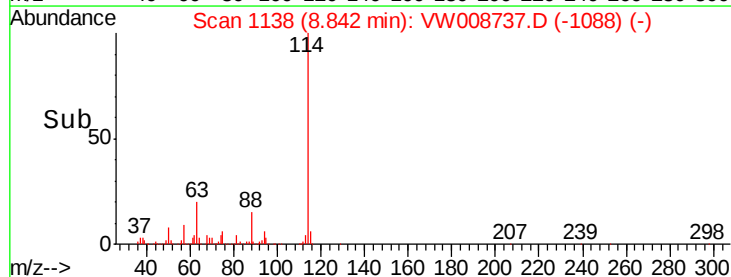
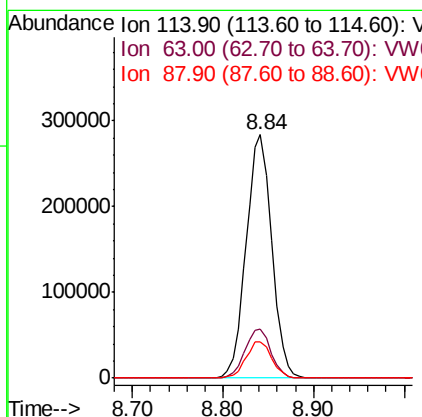
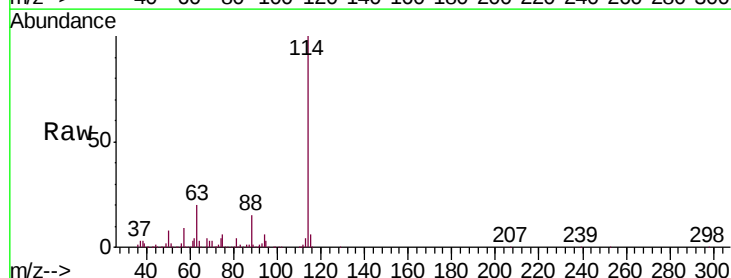
Instrument :
 MSVOA_W
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

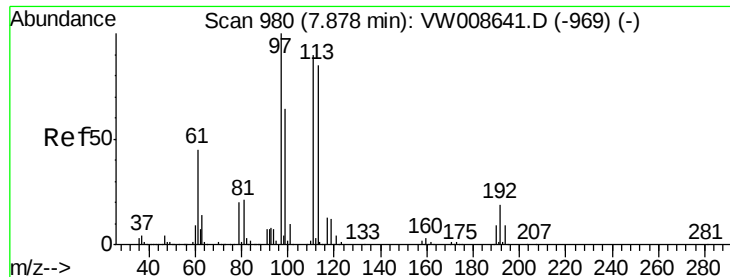
Tgt Ion: 65 Resp: 196331
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008737.D
 Acq: 18 Feb 2019 19:07

Tgt Ion: 114 Resp: 553919
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.2
 88 14.9 0.0 29.6

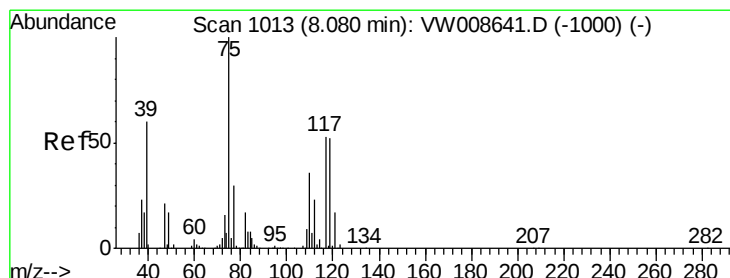
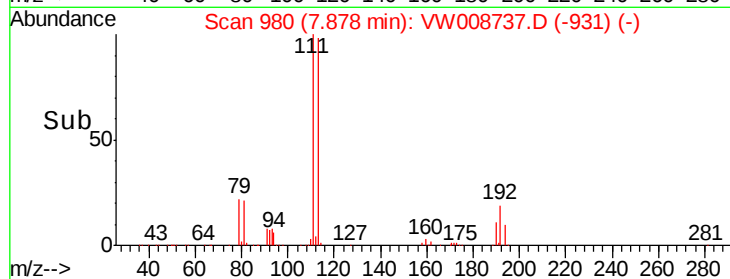
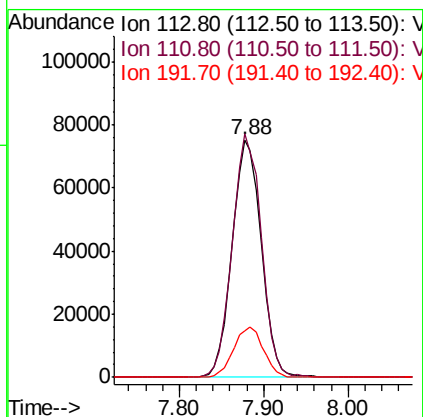
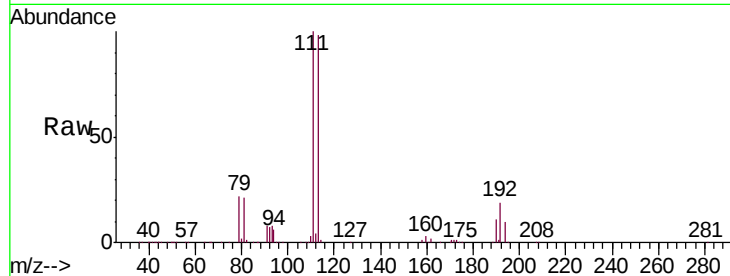




#35
 Dibromofluoromethane
 Concen: 51.095 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008737.D
 Acq: 18 Feb 2019 19:07

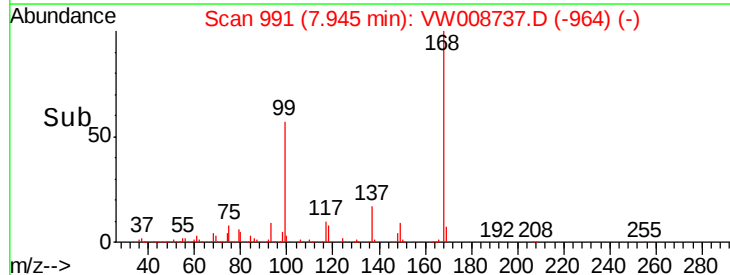
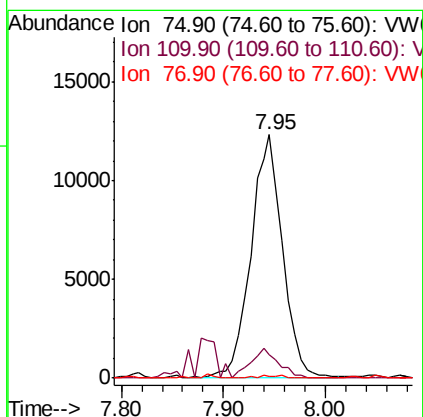
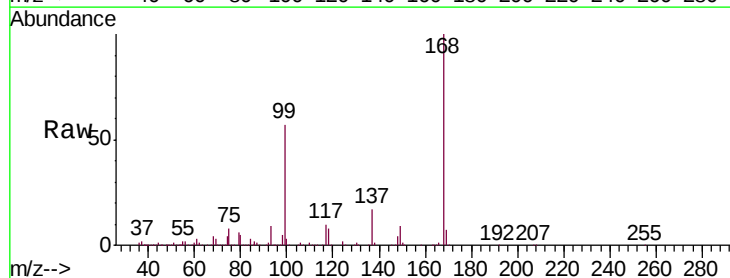
Instrument :
 MSVOA_W
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

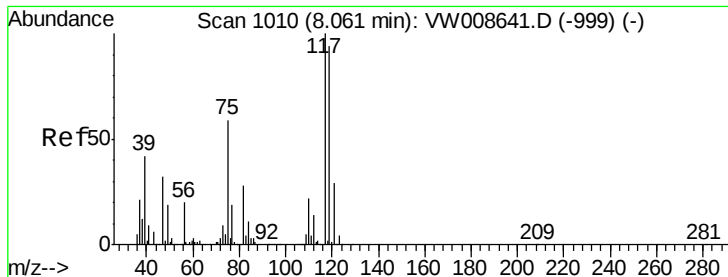
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.0	126.0
192	21.5	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008737.D
 Acq: 18 Feb 2019 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.8	53.3#
77	0.7	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.259 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

Instrument :

MSVOA_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-7

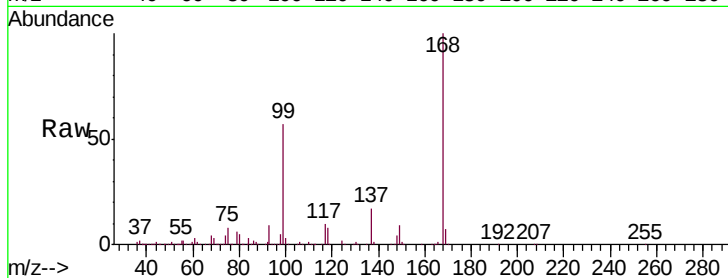
Tgt Ion: 117 Resp: 34637

Ion Ratio Lower Upper

117 100

119 4.6 75.1 112.7#

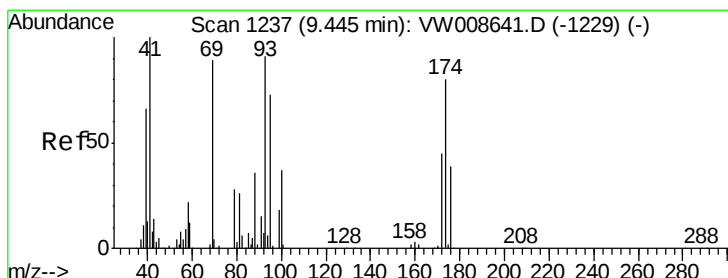
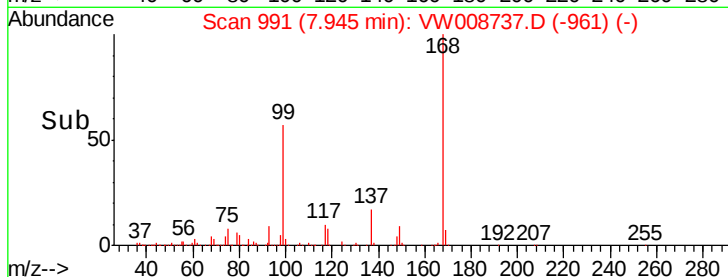
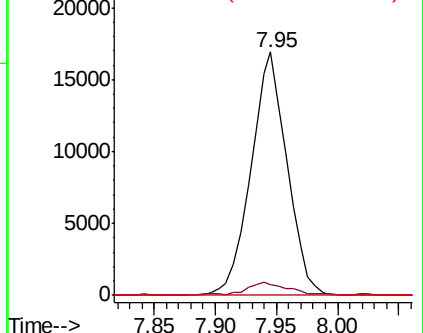
121 0.0 23.5 35.3#



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: 1.602 ug/l

RT: 9.43 min Scan# 1234

Delta R.T. -0.02 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

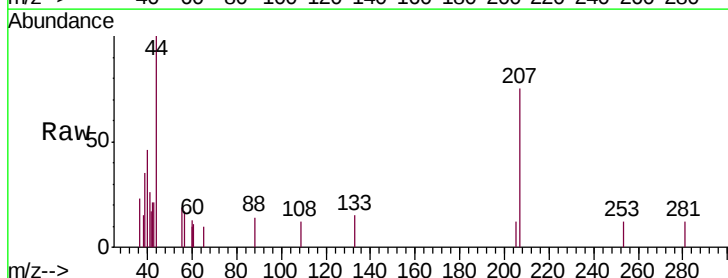
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 411.3 31.0 46.6#

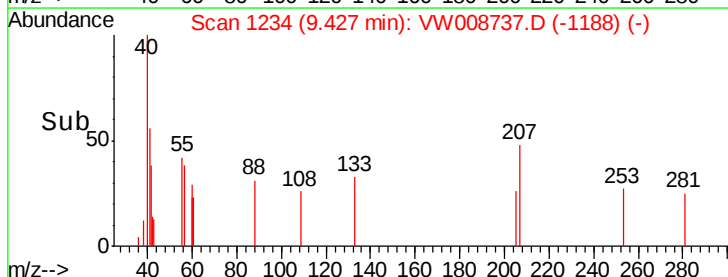
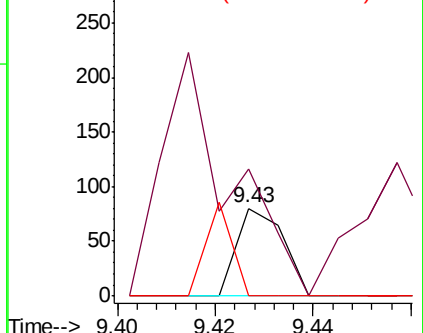
58 58.5 57.0 85.6

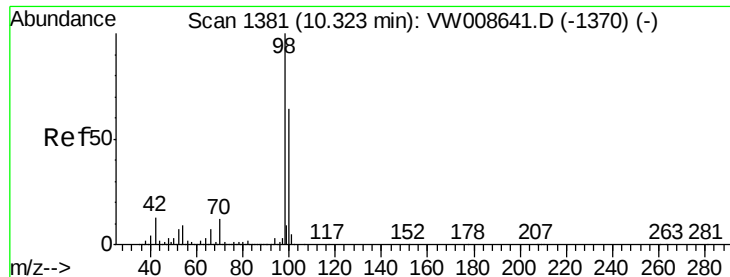


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.170 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

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ClientSampleId :

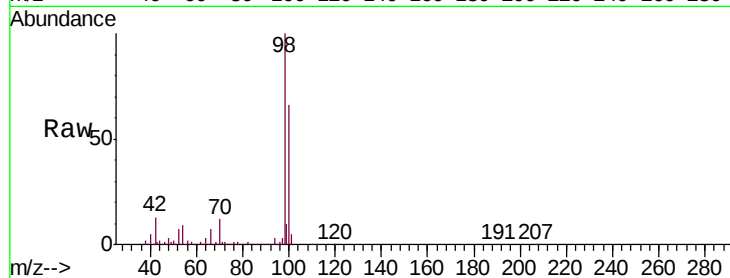
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 98 Resp: 651941

Ion Ratio Lower Upper

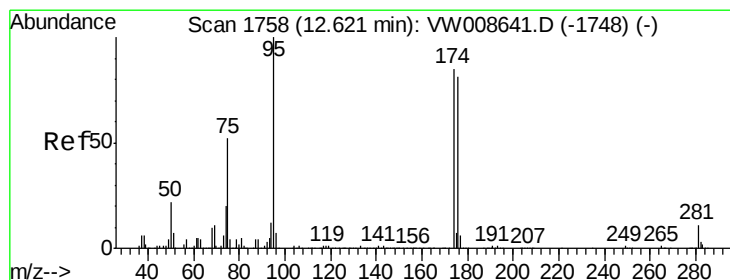
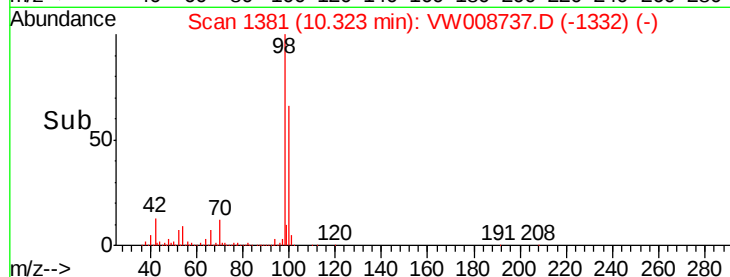
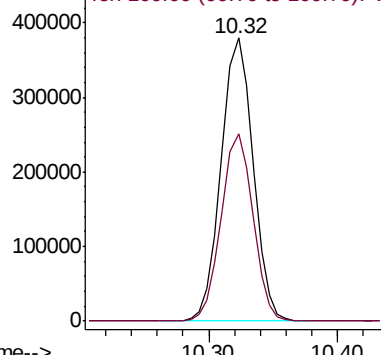
98 100

100 65.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.112 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

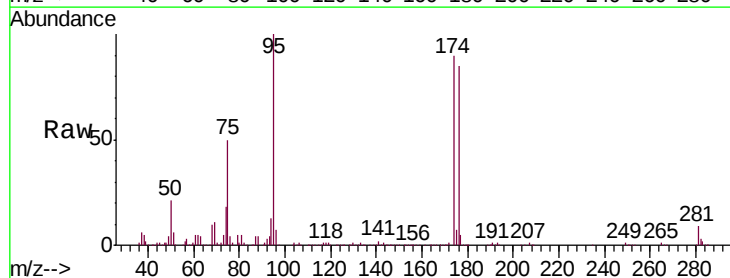
Tgt Ion: 95 Resp: 215307

Ion Ratio Lower Upper

95 100

174 84.9 0.0 163.2

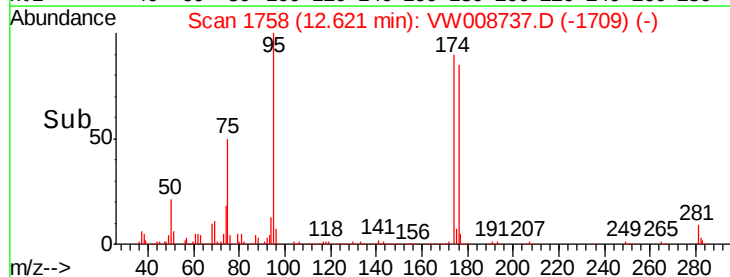
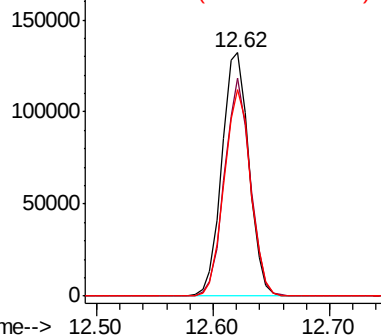
176 83.4 0.0 158.0

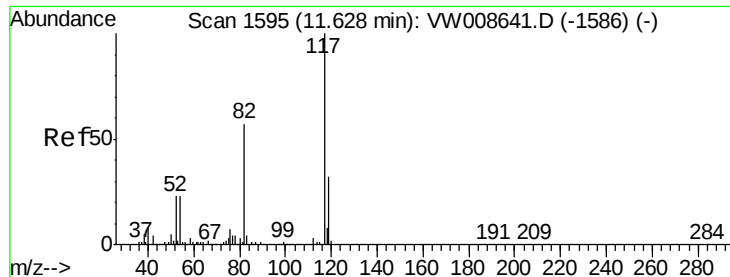


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

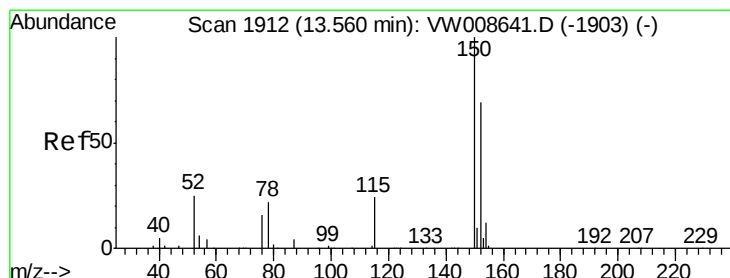
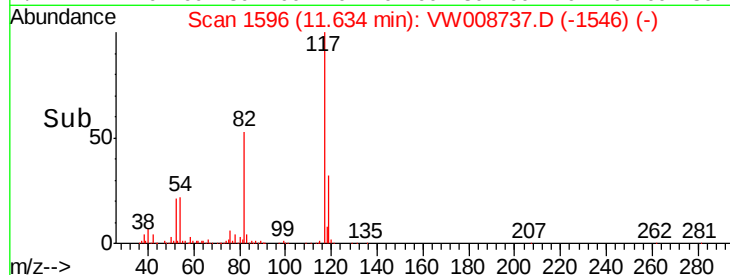
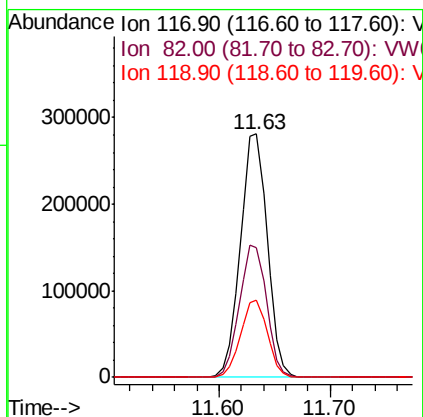
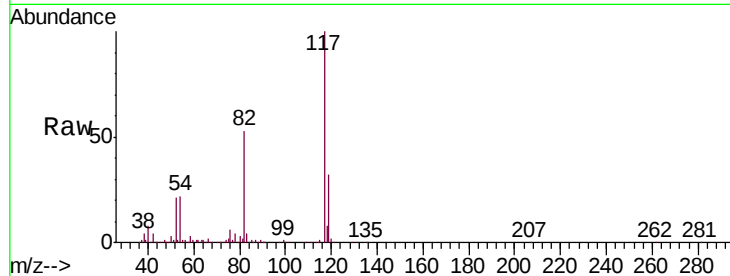




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008737.D
Acq: 18 Feb 2019 19:07

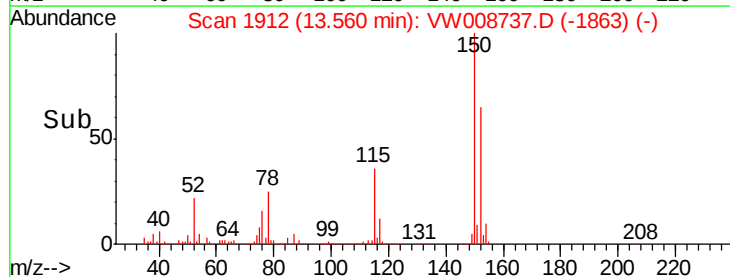
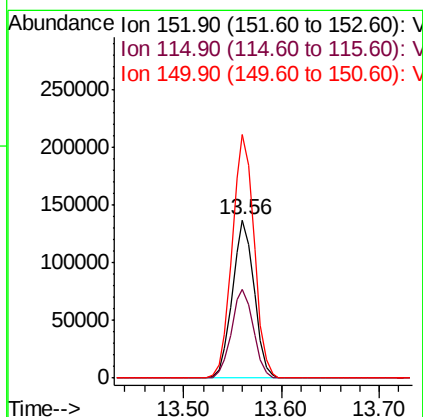
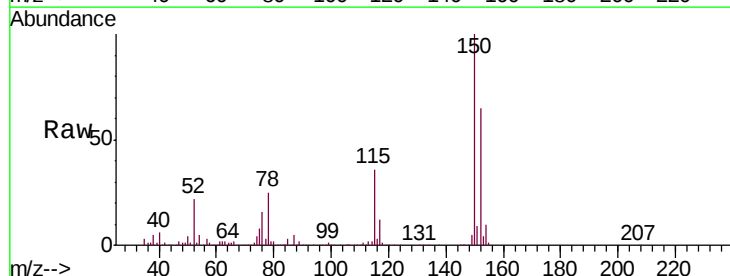
Instrument :
MSVOA_W
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-7

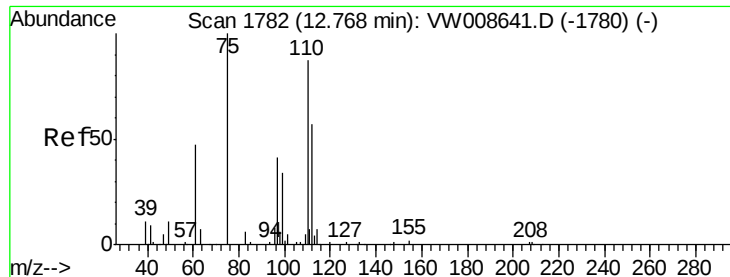
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.6	68.4
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008737.D
Acq: 18 Feb 2019 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.8
150	155.8	0.0	352.8





#76

1,2,3-Trichloropropane

Concen: 52.368 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

Instrument :

MSVOA_W

ClientSampleId :

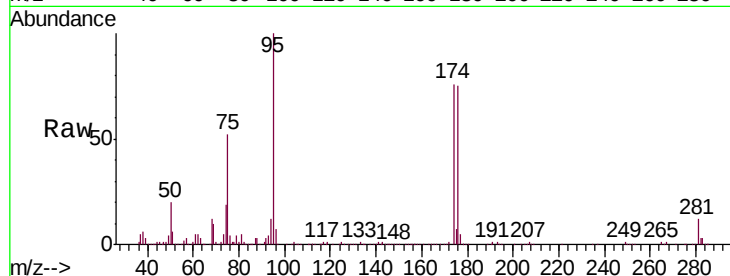
CABLE-BRIDGE-FOUNDATION-D-7

Tgt Ion: 75 Resp: 109164

Ion Ratio Lower Upper

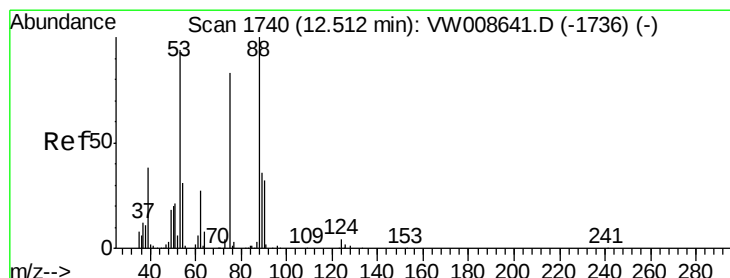
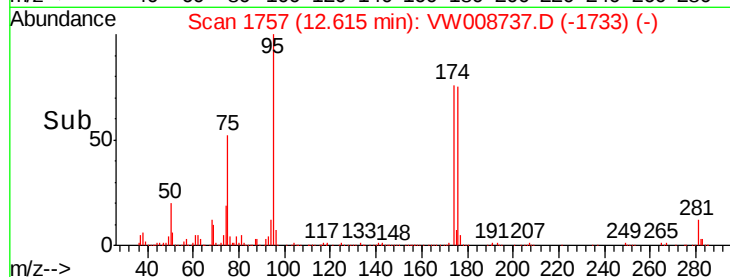
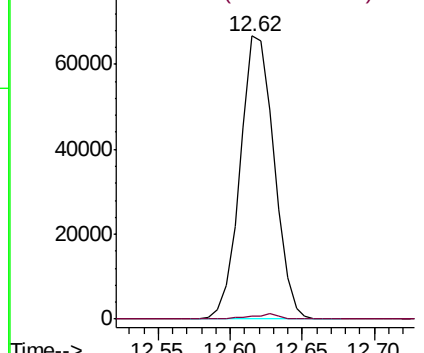
75 100

77 1.6 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: 112.163 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008737.D

Acq: 18 Feb 2019 19:07

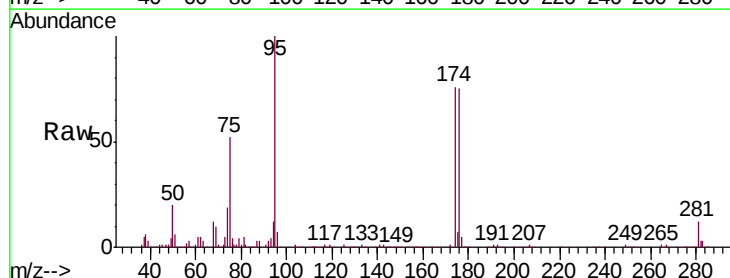
Tgt Ion: 75 Resp: 109164

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.2 37.0 55.4#



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

