

Data File : VW008330.D
Acq On : 17 Jan 2019 16:04
Operator : SY/VA
Sample : VW0117SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBL01

Quant Time: Jan 18 01:05:25 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	107596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56423	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
35) Dibromofluoromethane	7.88	113	57719	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.32	98	223011	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.62	95	76725	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds

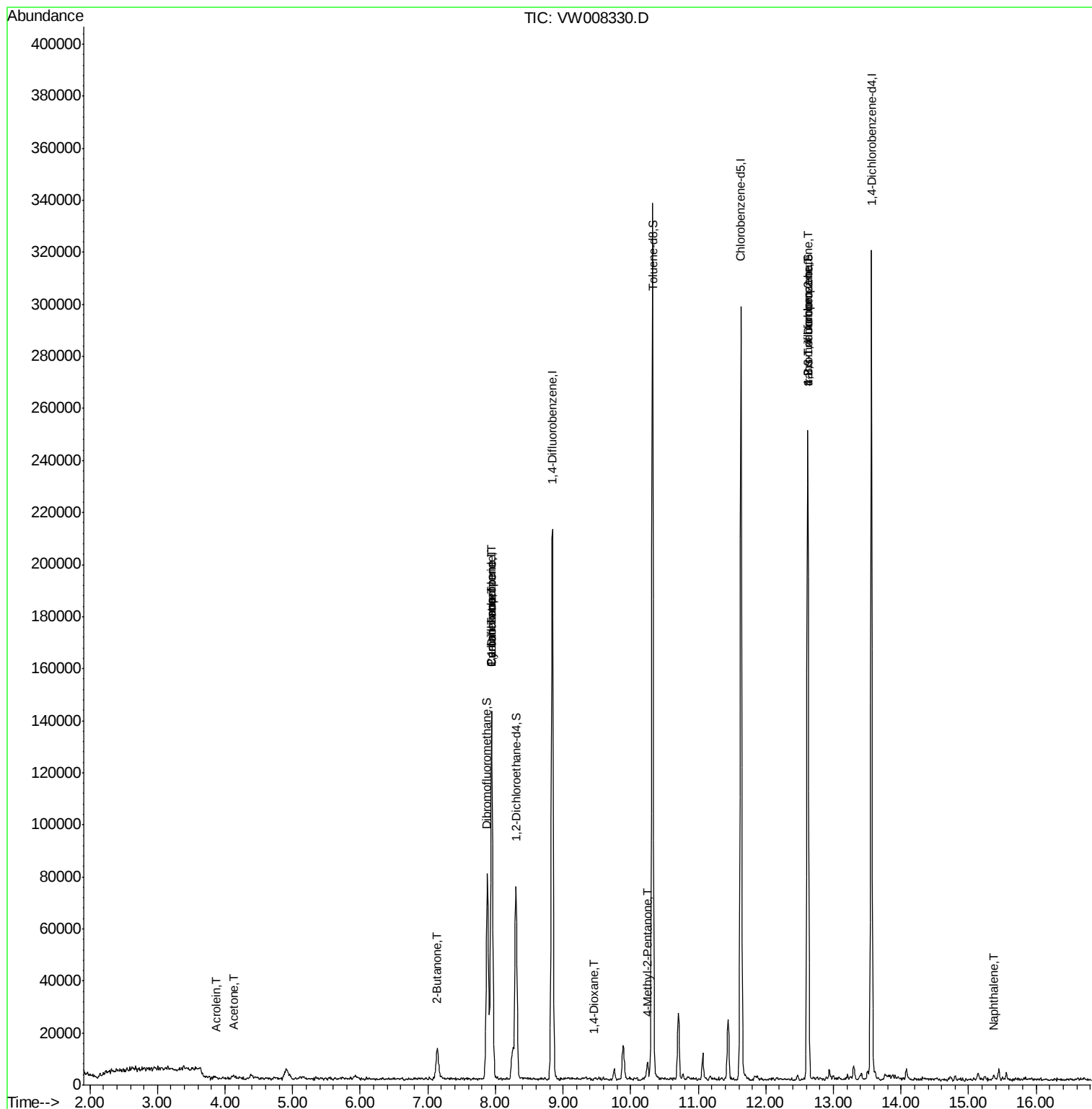
						Qvalue
13) Acrolein	3.87	56	176	9.955	ug/l #	70
16) Acetone	4.12	43	2894	11.134	ug/l	90
20) Methylene Chloride	4.92	84	3277	Below Cal	#	91
25) 2-Butanone	7.14	43	643	1.931	ug/l #	33
31) Cyclohexane	7.95	56	2523	1.207	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	8177	4.435	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10373	5.697	ug/l #	18
49) 1,4-Dioxane	9.45	88	18	1.654	ug/l #	1
51) 4-Methyl-2-Pentanone	10.25	43	880	1.210	ug/l	87
76) 1,2,3-Trichloropropane	12.62	75	38114	52.810	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	38114	126.027	ug/l #	12
95) Naphthalene	15.38	128	1359	2.755	ug/l #	83

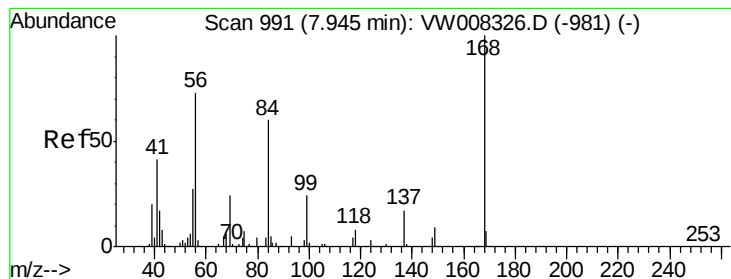
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VW0117SBL01

Quant Time: Jan 18 01:05:25 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

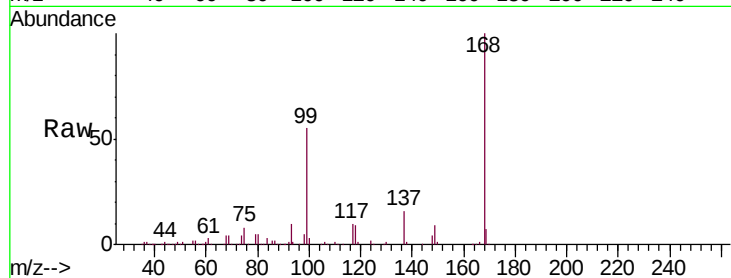
Instrument :
MSVOA_W
ClientSampled :
VW0117SBL01

Tgt Ion:168 Resp: 107596

Ion Ratio Lower Upper

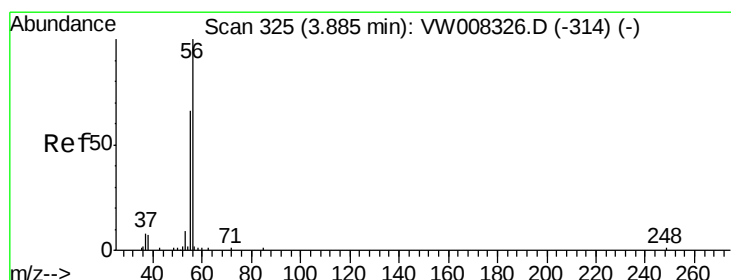
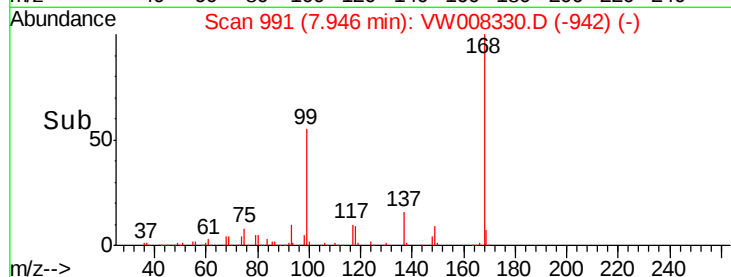
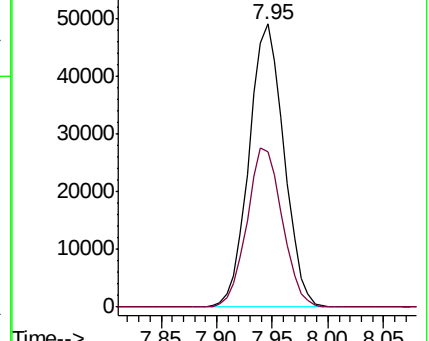
168 100

99 55.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 9.955 ug/l

RT: 3.87 min Scan# 323

Delta R.T. -0.01 min

Lab File: VW008330.D

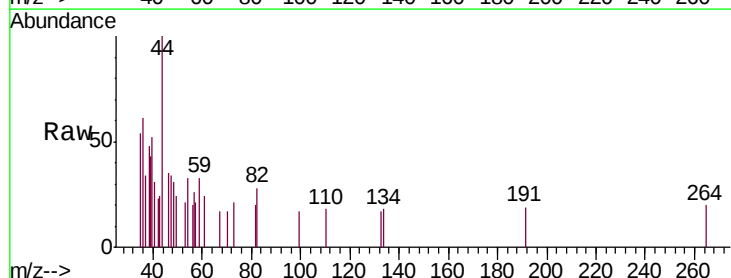
Acq: 17 Jan 2019 16:04

Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

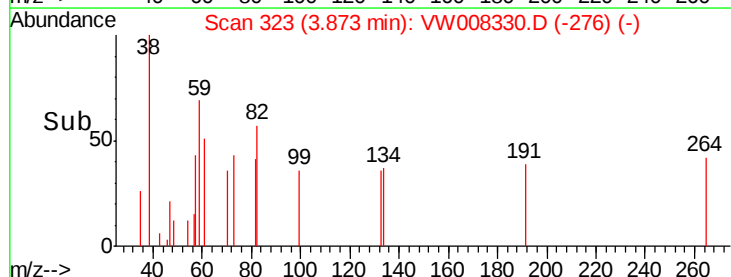
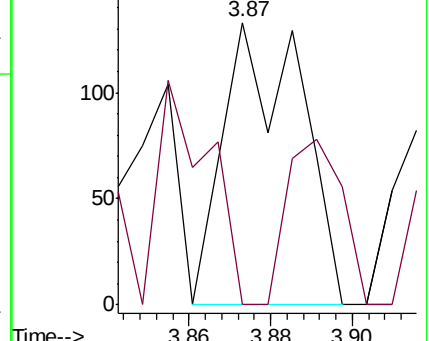
56 100

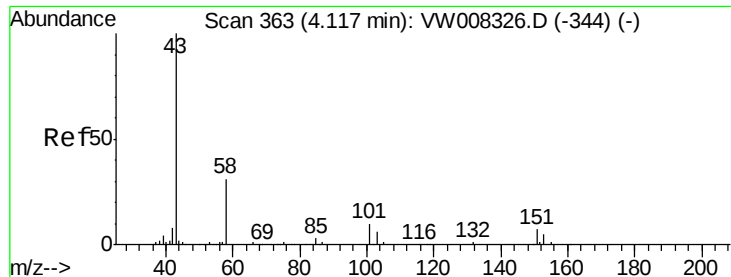
55 42.0 52.9 79.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 11.134 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

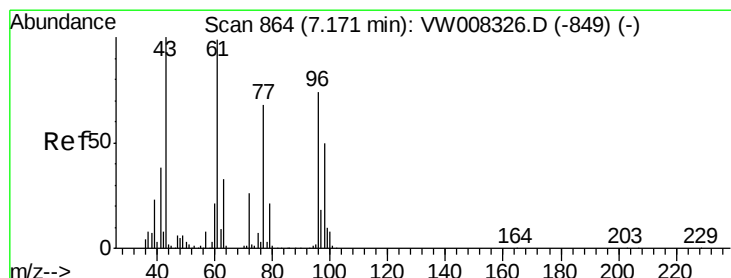
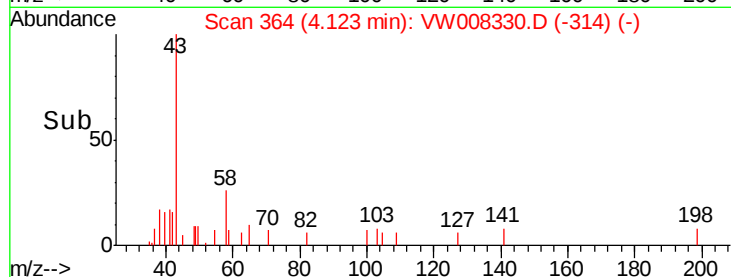
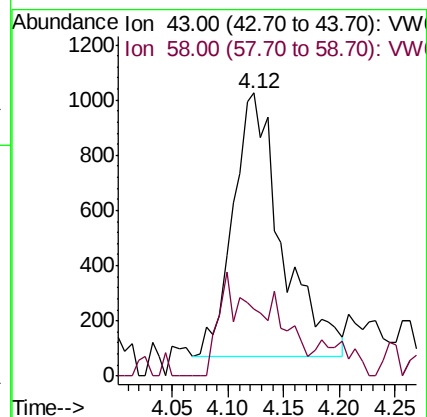
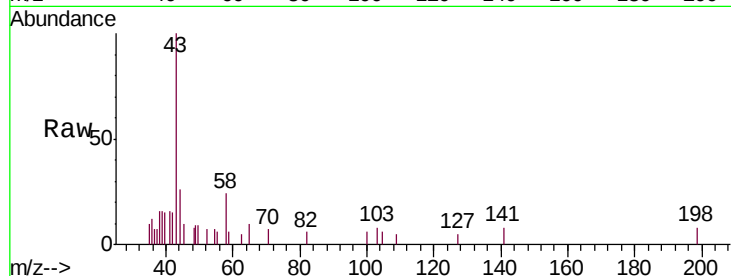
VW0117SBL01

Tgt Ion: 43 Resp: 2894

Ion Ratio Lower Upper

43 100

58 25.6 24.7 37.1



#25

2-Butanone

Concen: 1.931 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW008330.D

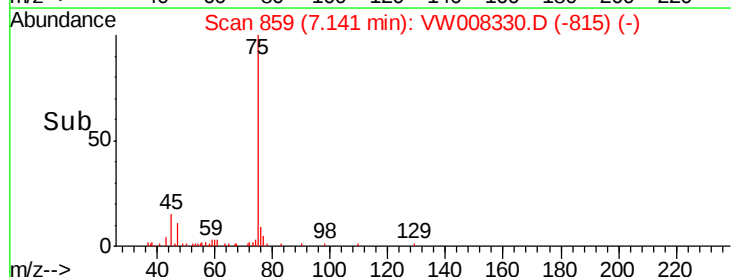
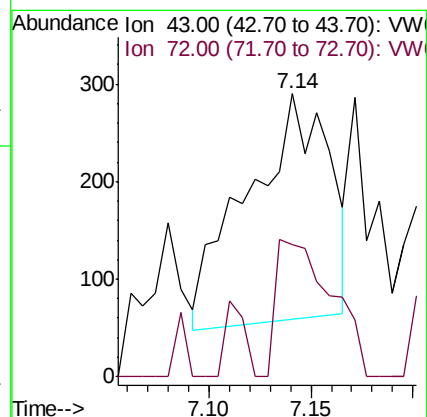
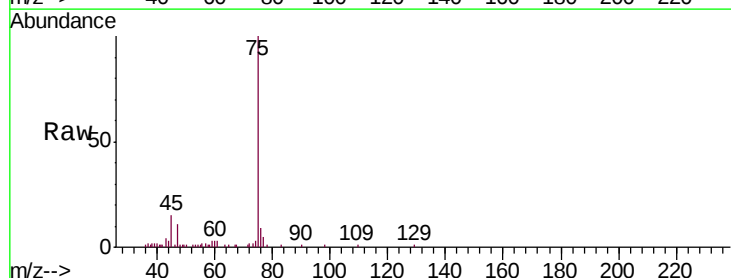
Acq: 17 Jan 2019 16:04

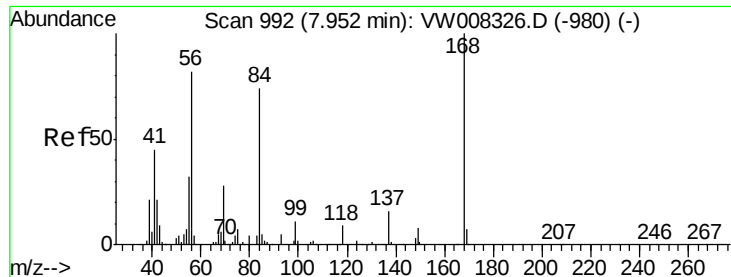
Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

72 60.8 21.2 31.8#

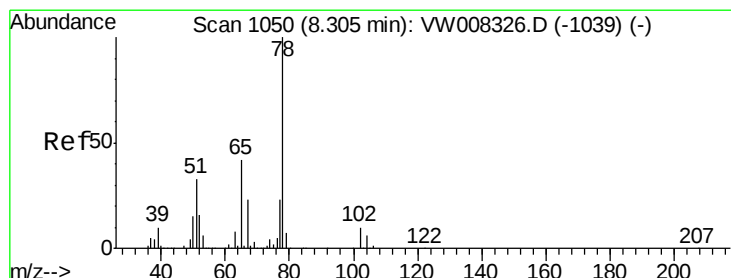
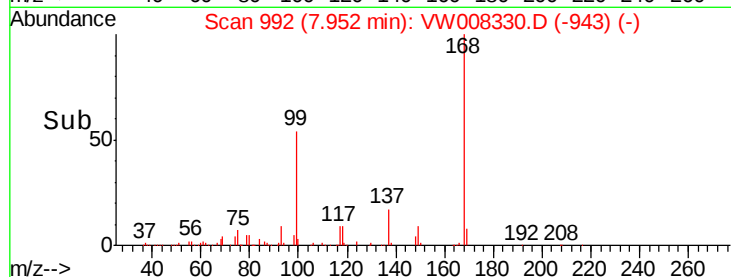
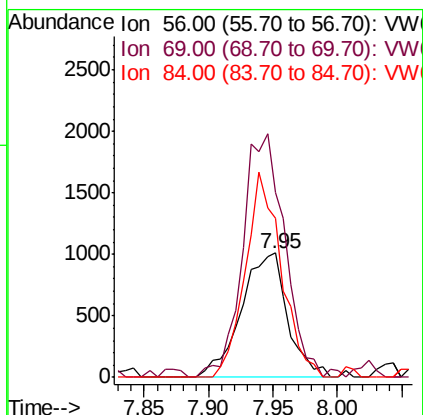
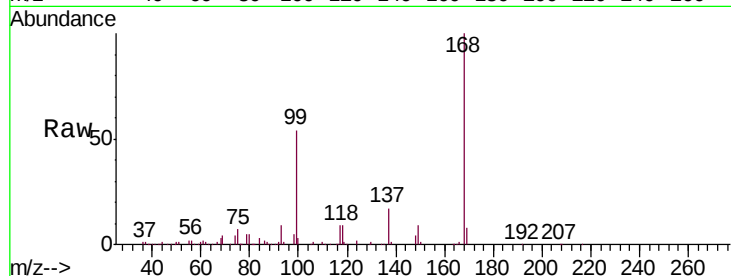




#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008330.D
Acq: 17 Jan 2019 16:04

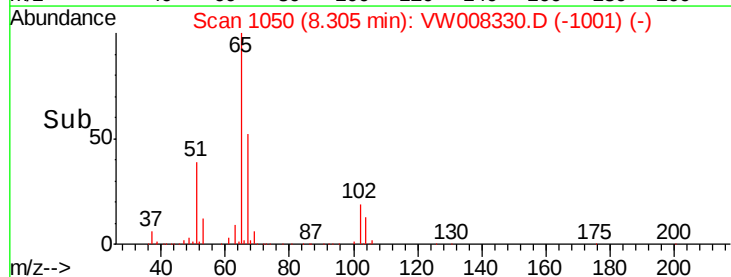
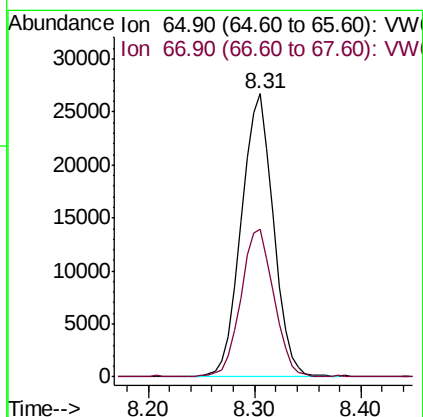
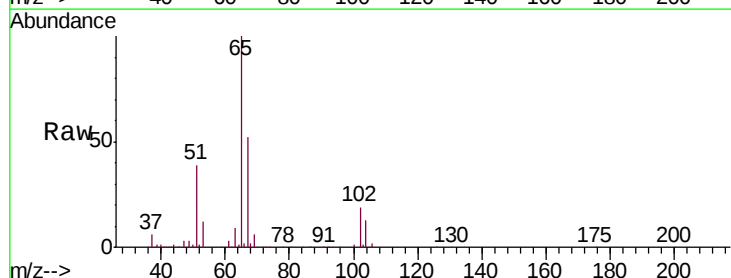
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBL01

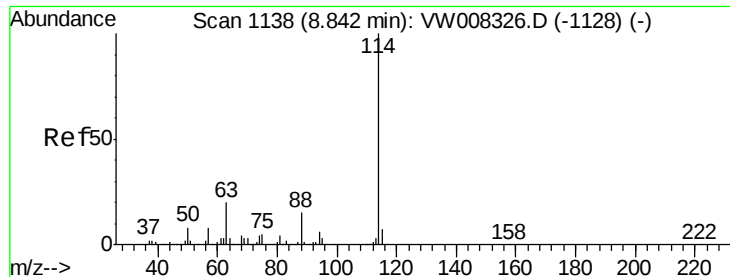
Tgt Ion: 56 Resp: 2523
Ion Ratio Lower Upper
56 100
69 148.9 27.0 40.6#
84 128.6 72.5 108.7#



#33
1,2-Dichloroethane-d4
Concen: 50.412 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008330.D
Acq: 17 Jan 2019 16:04

Tgt Ion: 65 Resp: 56423
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.2

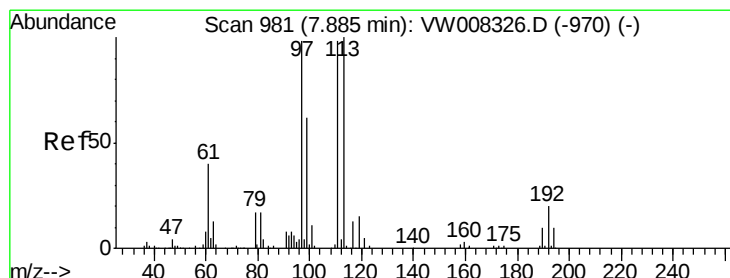
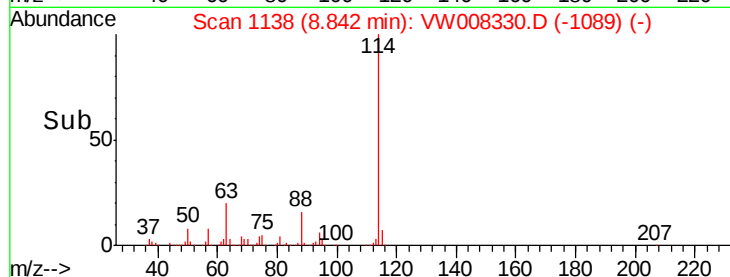
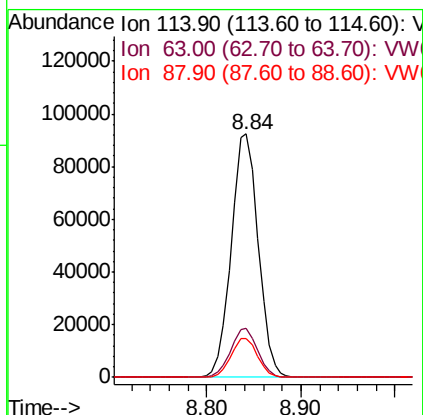
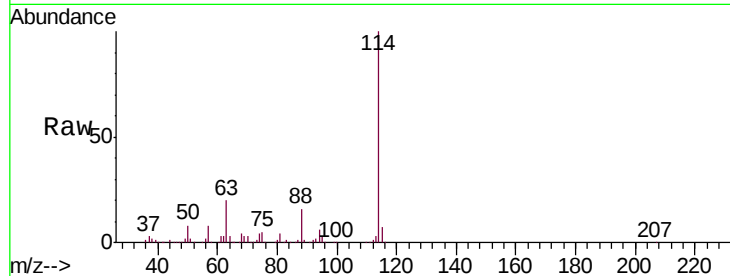




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008330.D
 Acq: 17 Jan 2019 16:04

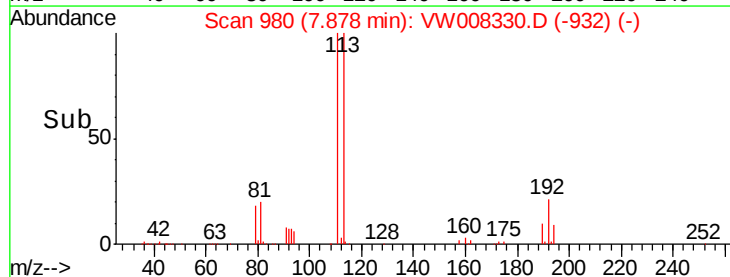
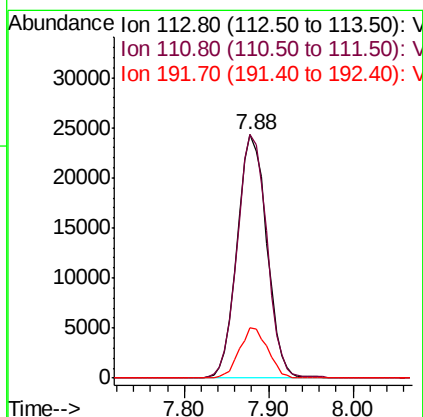
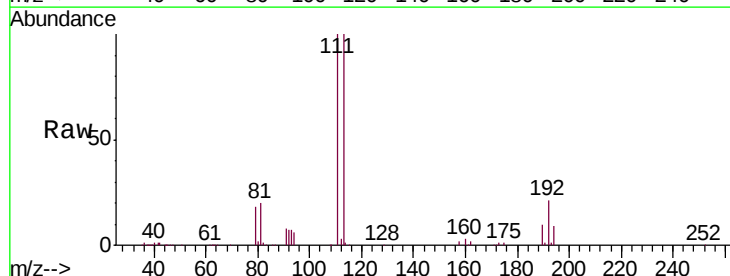
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBL01

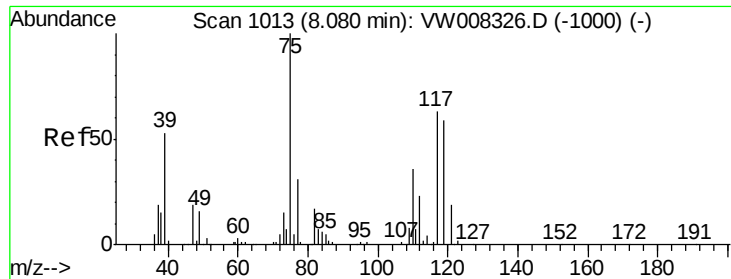
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 49.336 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008330.D
 Acq: 17 Jan 2019 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.8	122.8
192	19.9	16.3	24.5

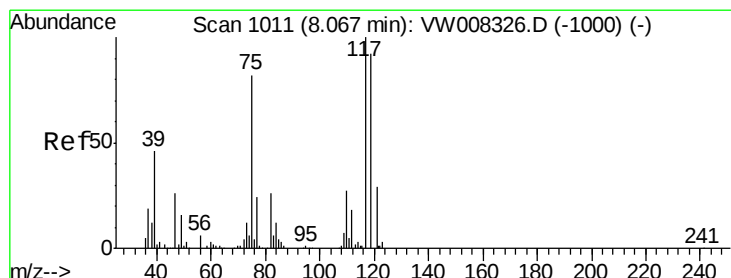
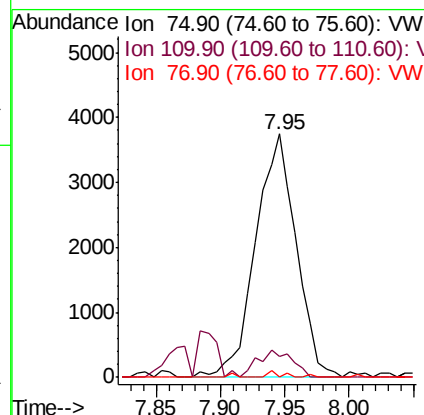
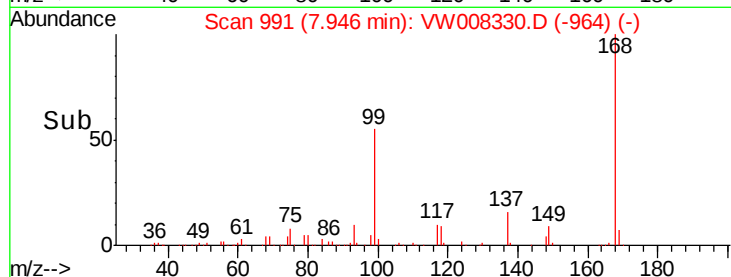
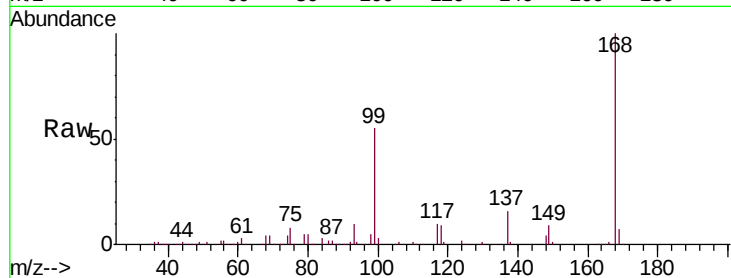




#36
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008330.D
 Acq: 17 Jan 2019 16:04

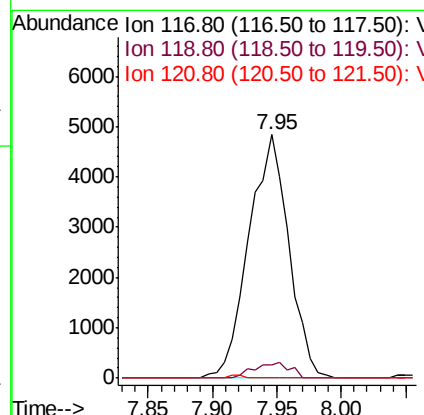
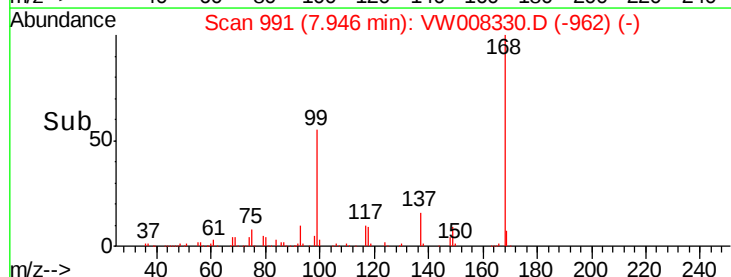
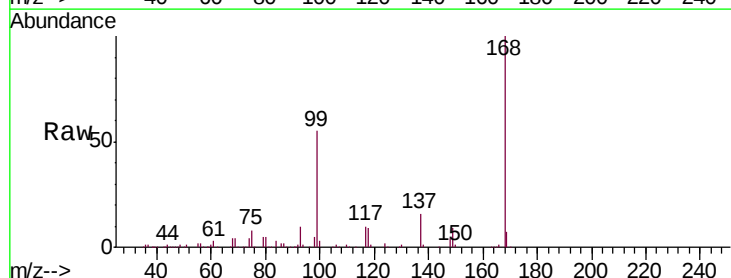
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBL01

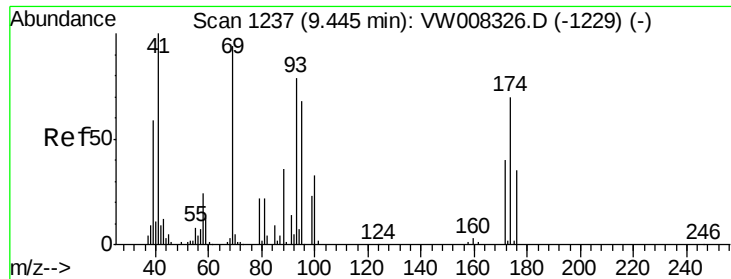
Tgt Ion: 75 Resp: 8177
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.5 52.6#
 77 0.8 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.697 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008330.D
 Acq: 17 Jan 2019 16:04

Tgt Ion: 117 Resp: 10373
 Ion Ratio Lower Upper
 117 100
 119 5.6 73.8 110.6#
 121 0.0 23.4 35.0#

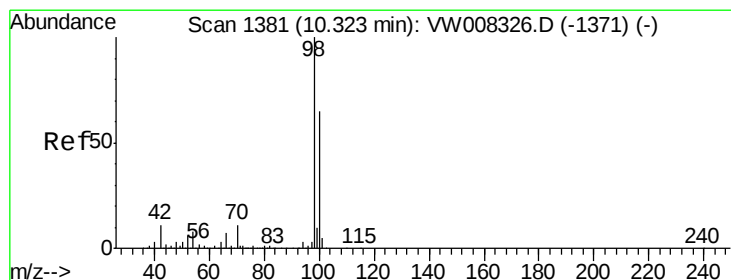
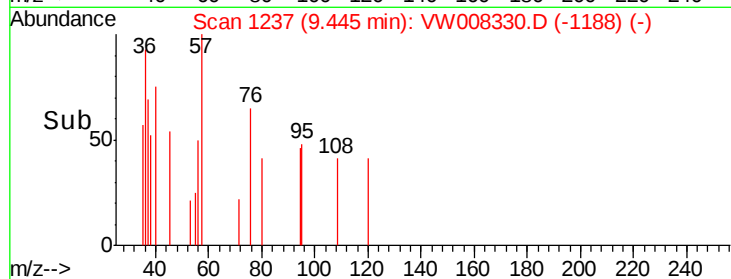
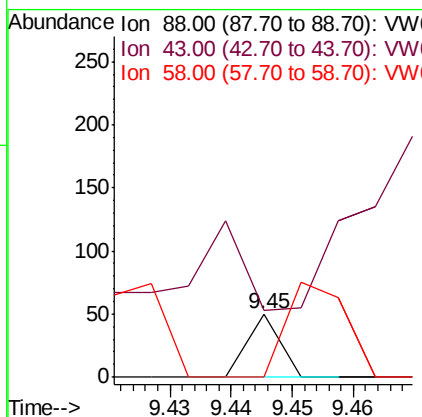
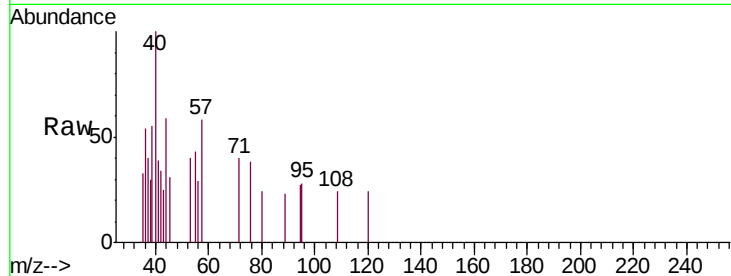




#49
 1,4-Dioxane
 Concen: 1.654 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW008330.D
 Acq: 17 Jan 2019 16:04

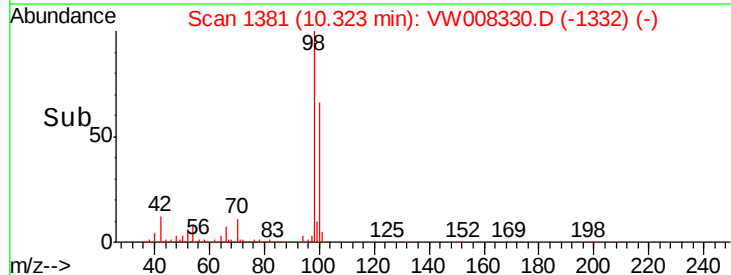
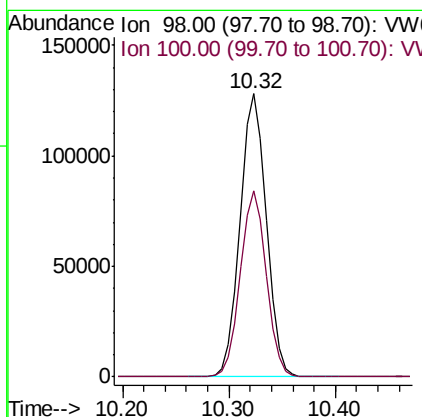
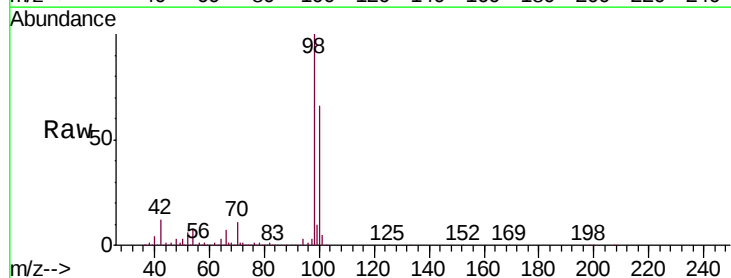
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 VW0117SBL01

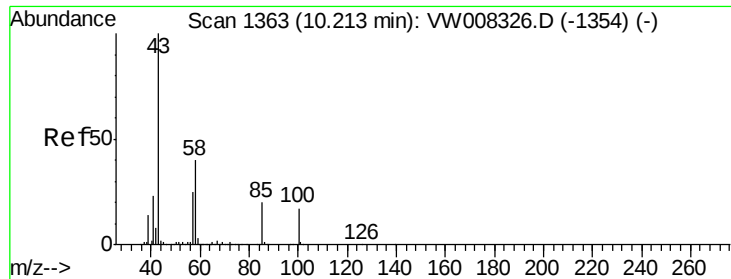
Tgt Ion: 88 Resp: 18
 Ion Ratio Lower Upper
 88 100
 43 777.8 27.1 40.7#
 58 277.8 57.9 86.9#



#50
 Toluene-d8
 Concen: 48.522 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008330.D
 Acq: 17 Jan 2019 16:04

Tgt Ion: 98 Resp: 223011
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 1.210 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

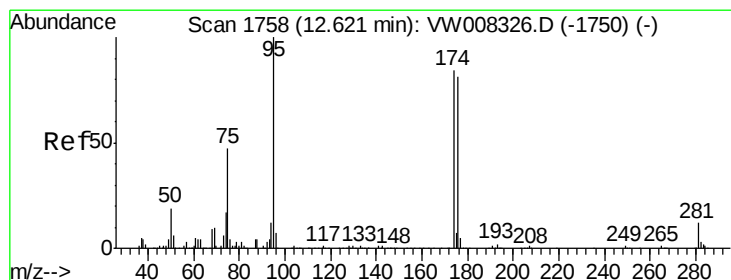
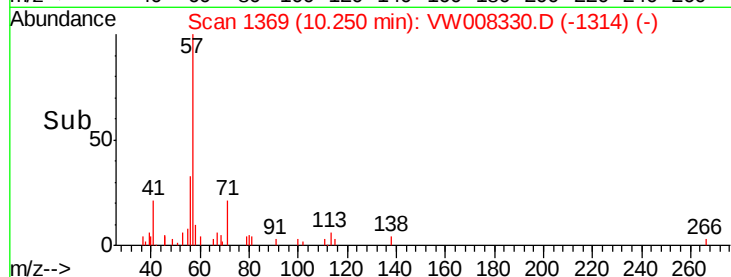
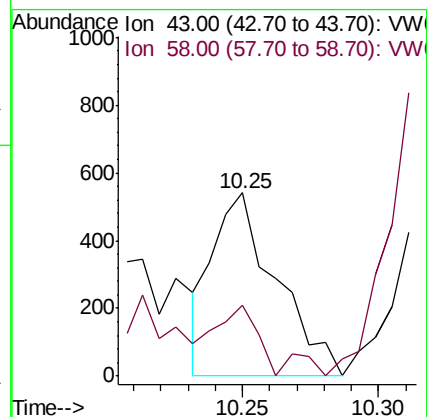
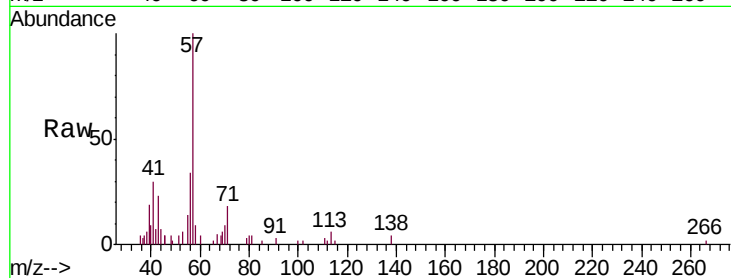
VW0117SBL01

Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

58 31.5 31.4 47.0



#62

4-Bromofluorobenzene

Concen: 46.546 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

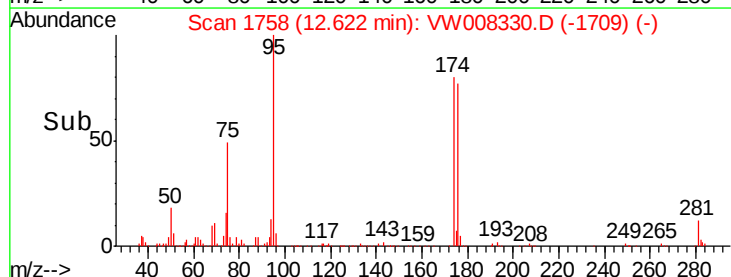
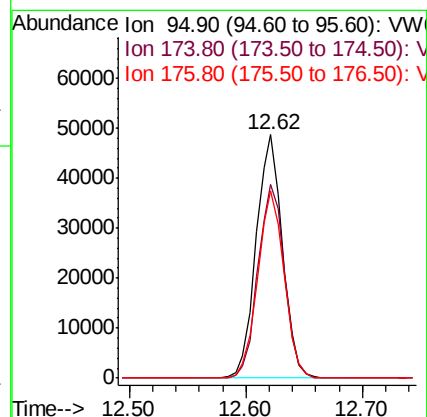
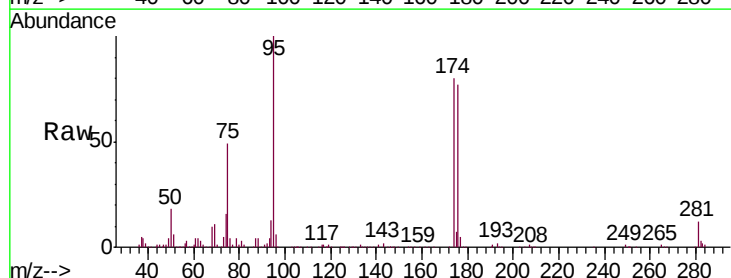
Tgt Ion: 95 Resp: 76725

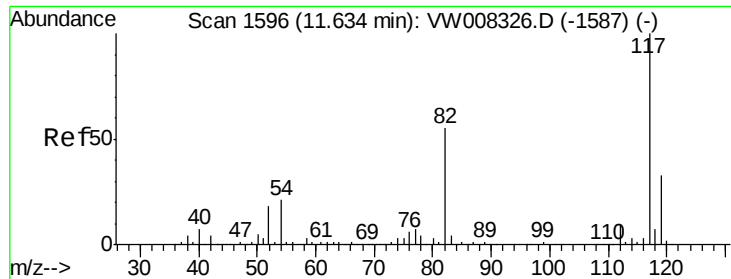
Ion Ratio Lower Upper

95 100

174 80.3 0.0 166.0

176 77.2 0.0 160.0

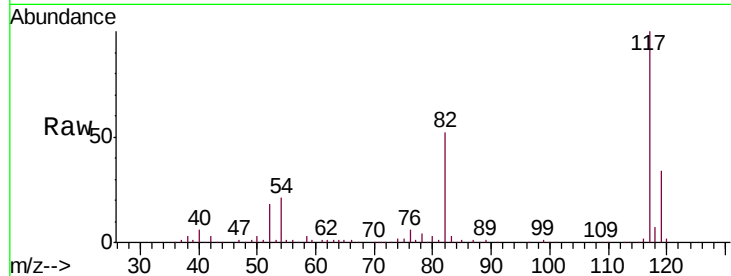




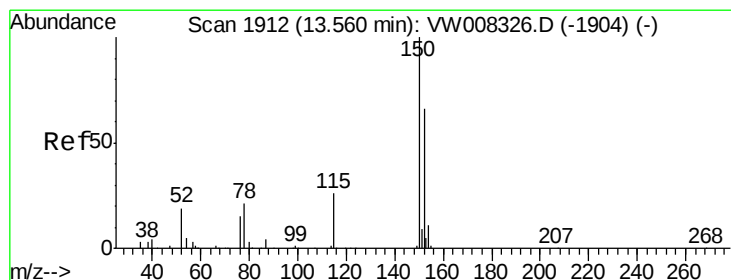
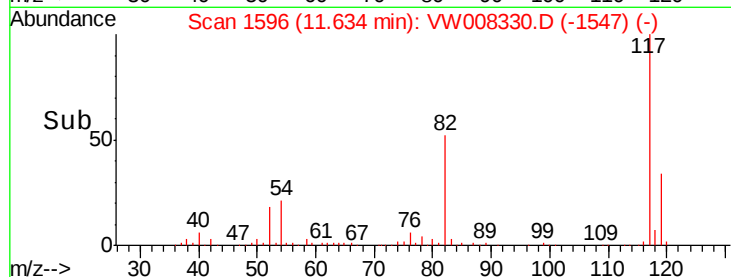
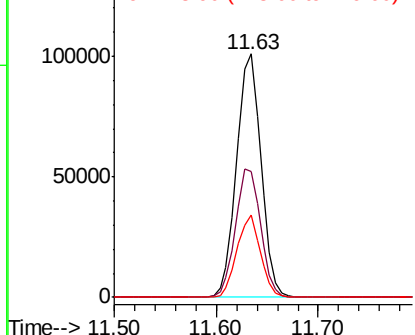
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008330.D
Acq: 17 Jan 2019 16:04

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBL01

Tgt Ion:117 Resp: 167395
Ion Ratio Lower Upper
117 100
82 51.7 44.3 66.5
119 33.6 26.3 39.5

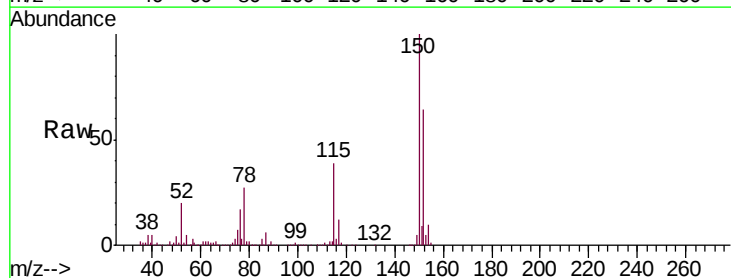


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

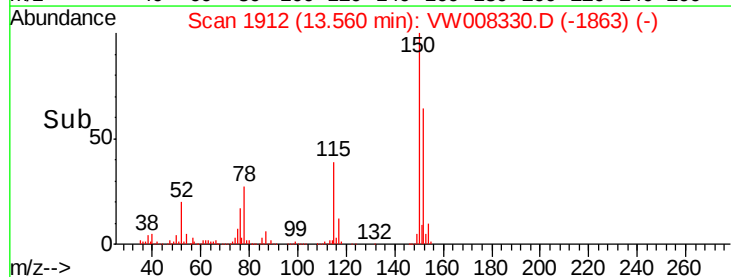
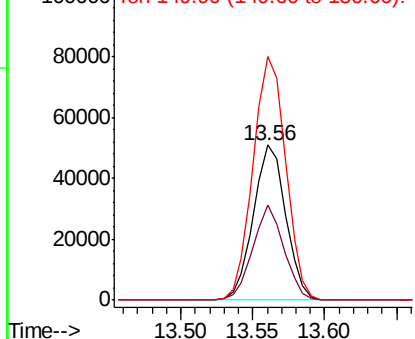


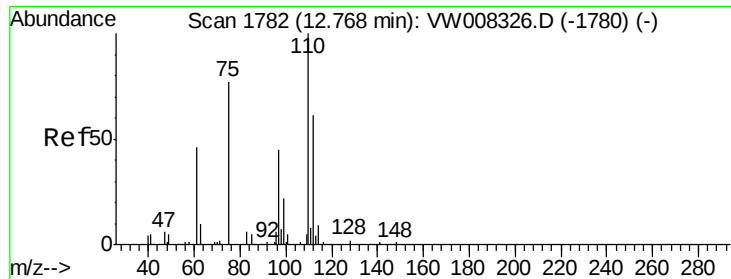
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008330.D
Acq: 17 Jan 2019 16:04

Tgt Ion:152 Resp: 79253
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.4
150 158.4 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: 52.810 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

Instrument :

MSVOA_W

ClientSampled :

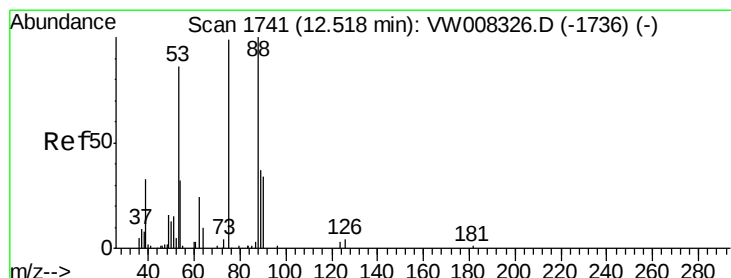
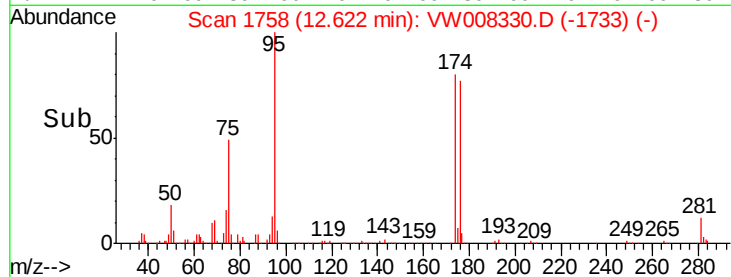
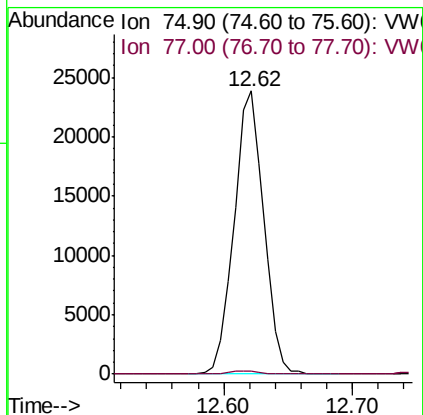
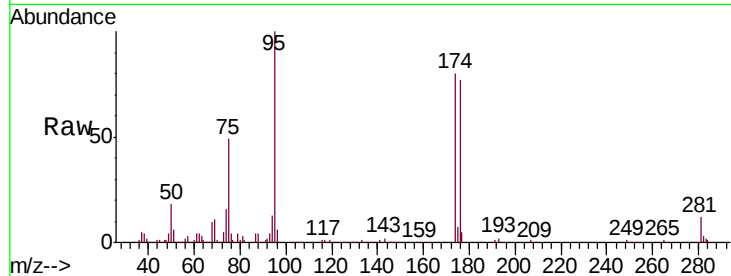
VW0117SBL01

Tgt Ion: 75 Resp: 38114

Ion Ratio Lower Upper

75 100

77 1.2 175.3 526.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.027 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

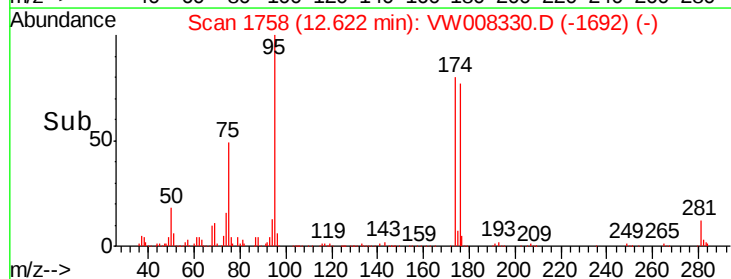
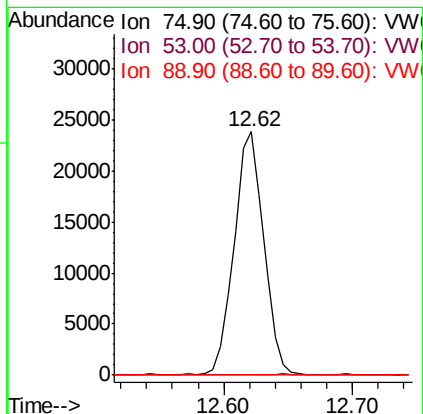
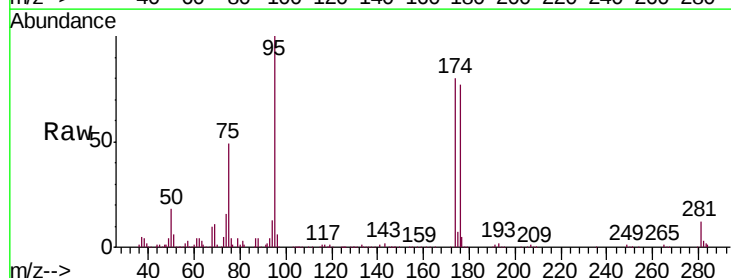
Tgt Ion: 75 Resp: 38114

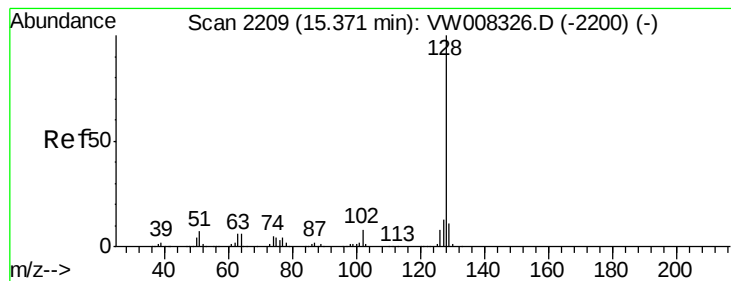
Ion Ratio Lower Upper

75 100

53 0.2 76.2 114.4#

89 0.2 36.7 55.1#





#95

Naphthalene

Concen: 2.755 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008330.D

Acq: 17 Jan 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBL01

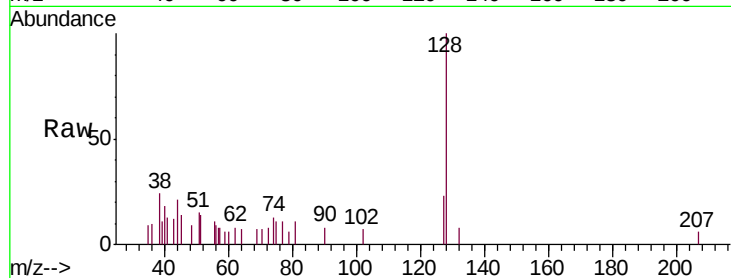
Tgt Ion:128 Resp: 1359

Ion Ratio Lower Upper

128 100

127 20.8 10.5 15.7#

129 5.3 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

1000

800

600

400

200

0

15.30 15.35 15.40 15.45

15.38

Time-->

