

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012119\
 Data File : VW008373.D
 Acq On : 21 Jan 2019 14:20
 Operator : SY/VA
 Sample : K1205-04
 Misc : 6.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-4

Quant Time: Jan 22 03:41:09 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	101529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	182930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78163	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	60186	56.99	ug/l	0.00
Spiked Amount			Recovery	=	113.98%	
35) Dibromofluoromethane	7.88	113	59659	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	10.32	98	238477	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	78170	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	

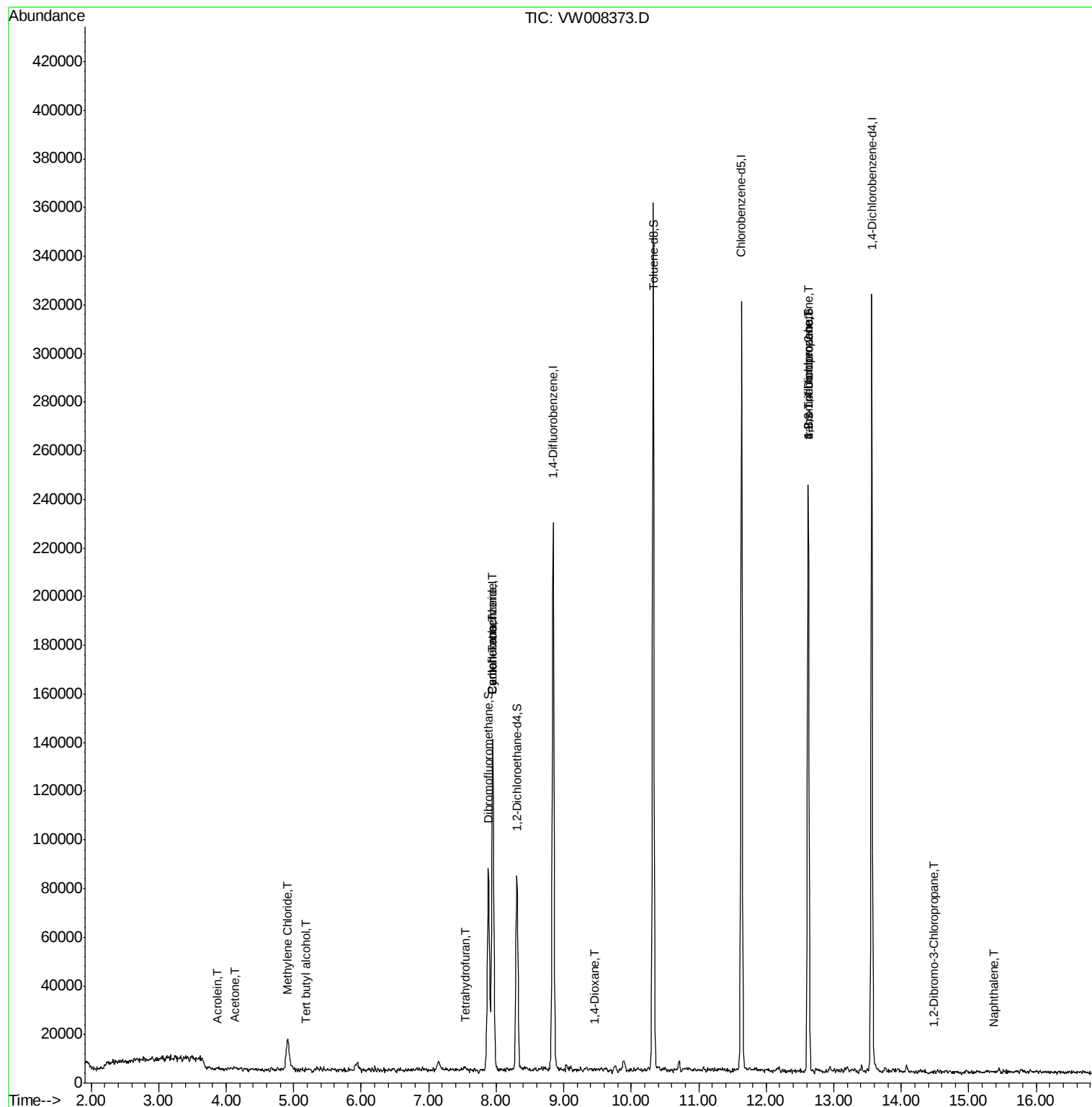
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	231	3.248	ug/l #	69
13) Acrolein	3.88	56	147	9.704	ug/l #	22
16) Acetone	4.12	43	1335	5.443	ug/l #	44
20) Methylene Chloride	4.91	84	11136	6.713	ug/l	95
29) Tetrahydrofuran	7.53	42	220	1.123	ug/l #	57
31) Cyclohexane	7.95	56	2985	1.513	ug/l #	28
38) Carbon Tetrachloride	7.95	117	10879	5.986	ug/l #	18
49) 1,4-Dioxane	9.45	88	20	1.841	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	39644	55.696	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	39644	132.914	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.48	75	203	1.282	ug/l #	1
95) Naphthalene	15.37	128	198	2.392	ug/l #	67

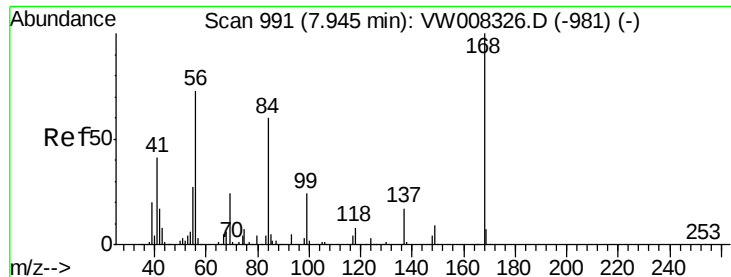
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012119\
Data File : VW008373.D
Acq On : 21 Jan 2019 14:20
Operator : SY/VA
Sample : K1205-04
Misc : 6.28G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C-4

Quant Time: Jan 22 03:41:09 2019
Quant Method : Z:\V0ASRV\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# 992

Delta R.T. 0.01 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

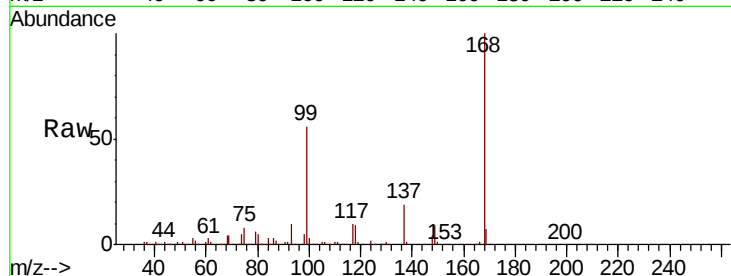
C-4

Tgt Ion: 168 Resp: 101529

Ion Ratio Lower Upper

168 100

99 56.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

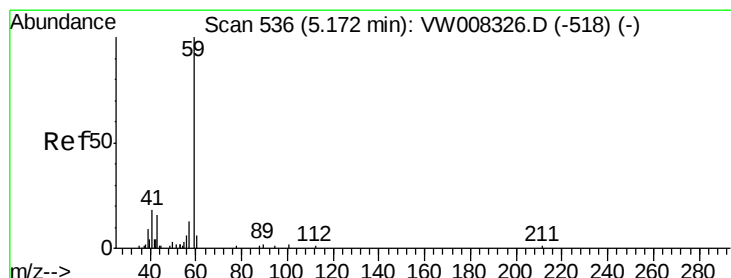
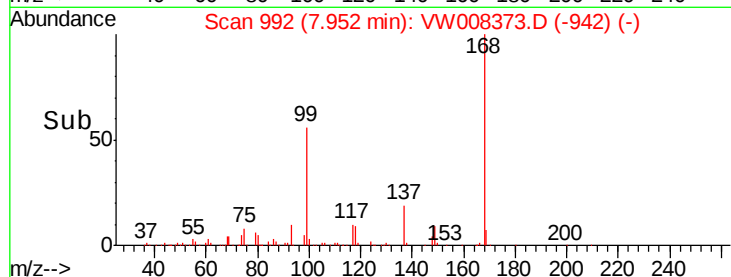
30000

20000

10000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 3.248 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008373.D

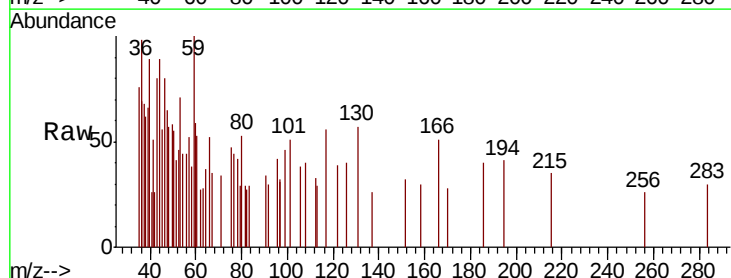
Acq: 21 Jan 2019 14:20

Tgt Ion: 59 Resp: 231

Ion Ratio Lower Upper

59 100

57 0.0 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

250

200

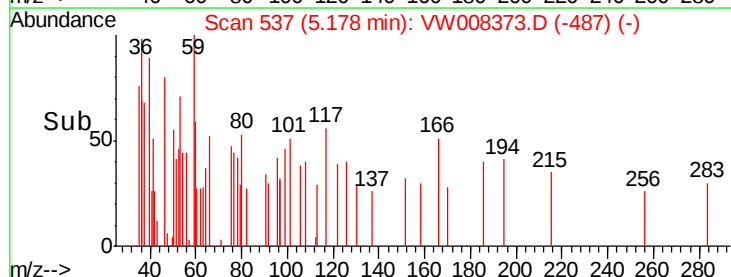
150

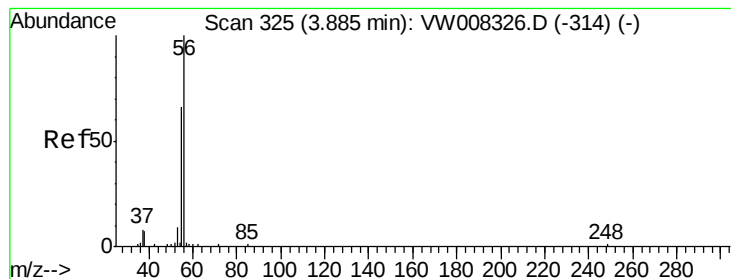
100

50

0

Time--> 5.14 5.16 5.18 5.20





#13

Acrolein

Concen: 9.704 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

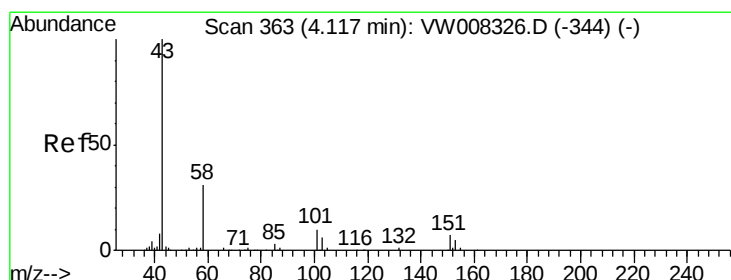
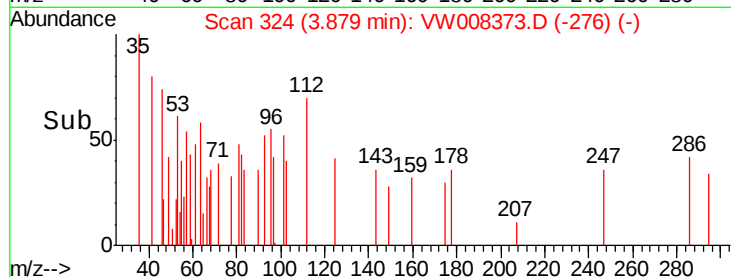
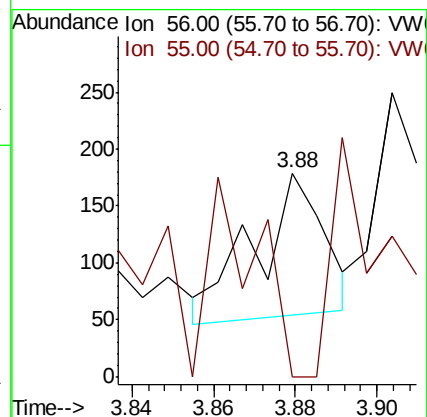
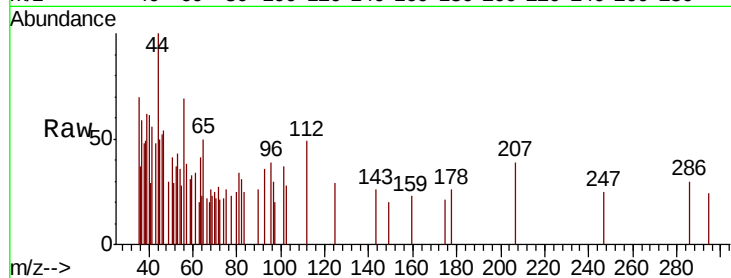
C-4

Tgt Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

55 127.9 52.9 79.3#



#16

Acetone

Concen: 5.443 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008373.D

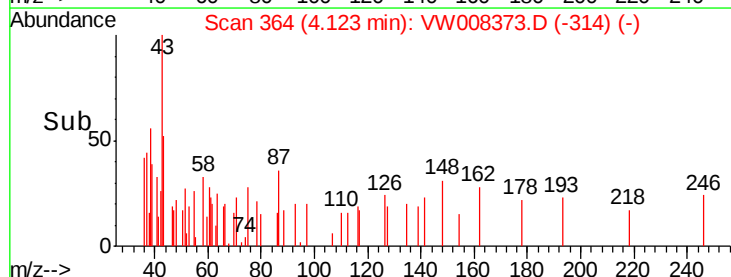
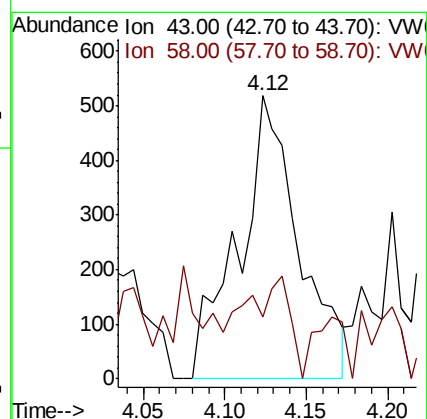
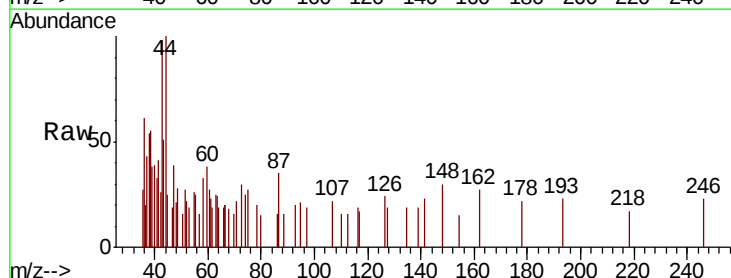
Acq: 21 Jan 2019 14:20

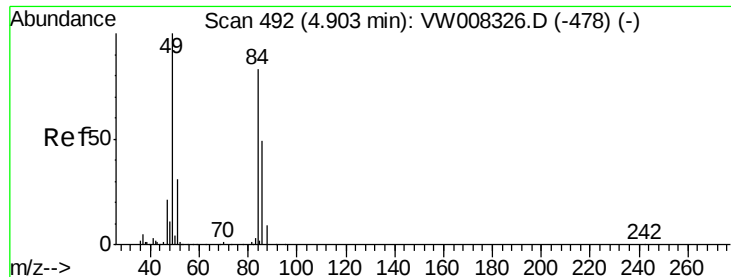
Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#





#20

Methylene Chloride

Concen: 6.713 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

C-4

Tgt Ion: 84 Resp: 11136

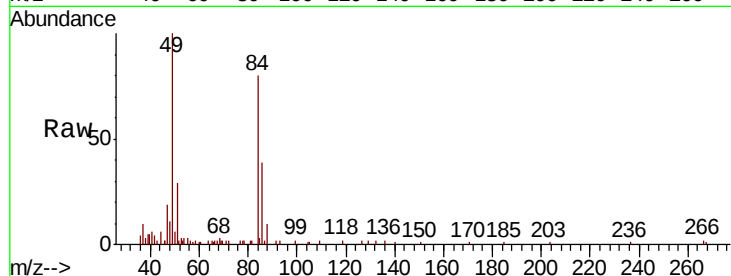
Ion Ratio Lower Upper

84 100

49 118.6 95.9 143.9

51 34.4 29.3 43.9

86 49.4 47.4 71.2

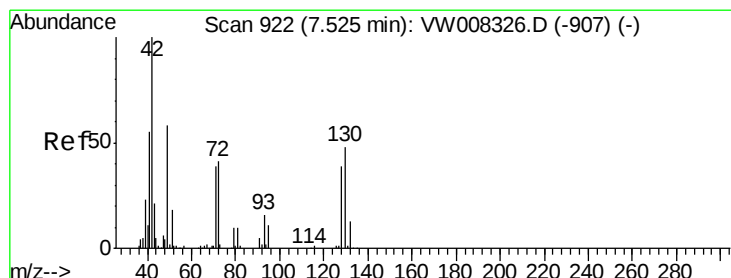
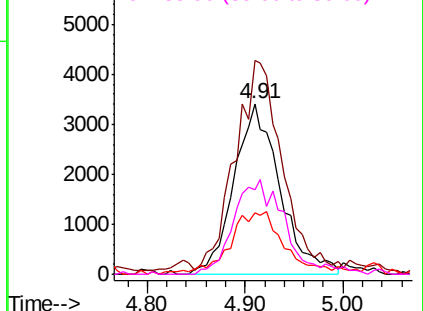
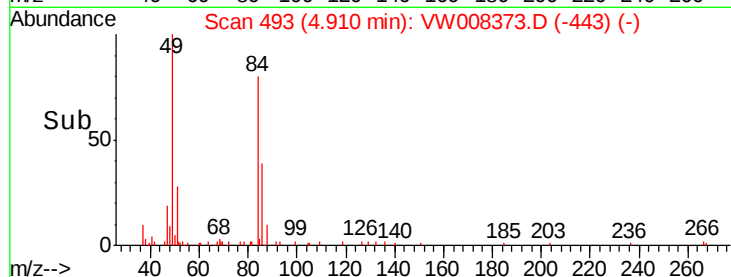


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 1.123 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

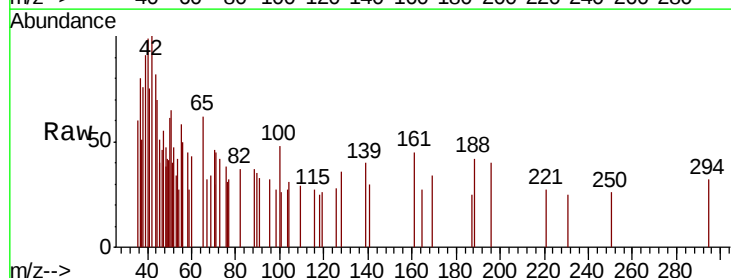
Tgt Ion: 42 Resp: 220

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

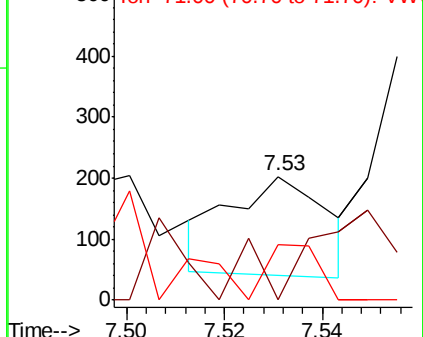
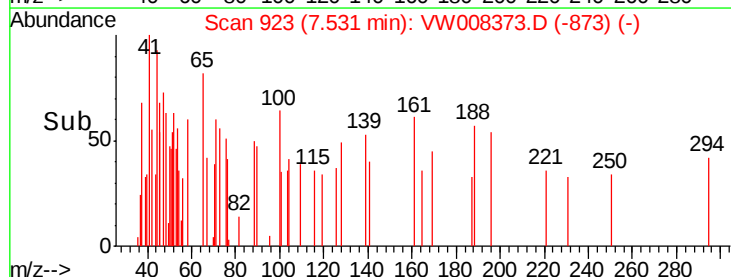
71 29.5 32.0 48.0#

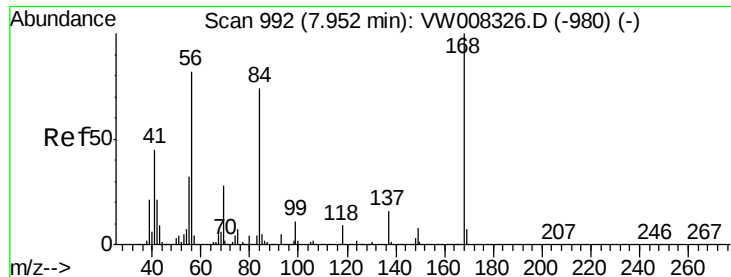


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

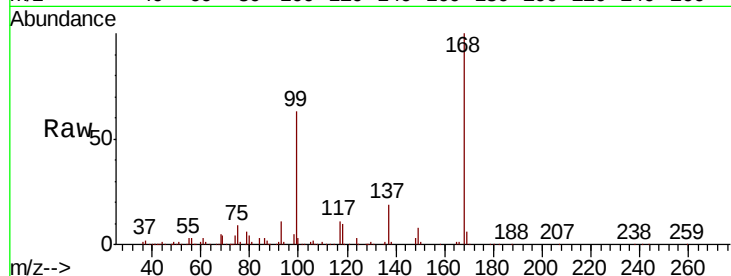




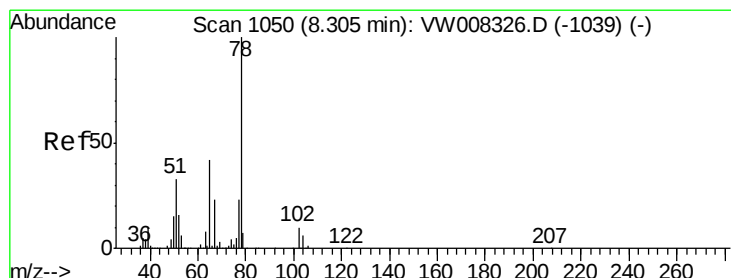
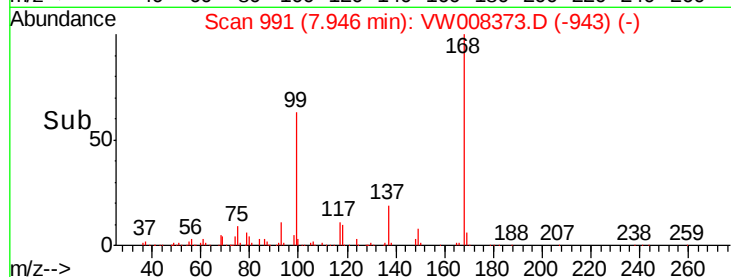
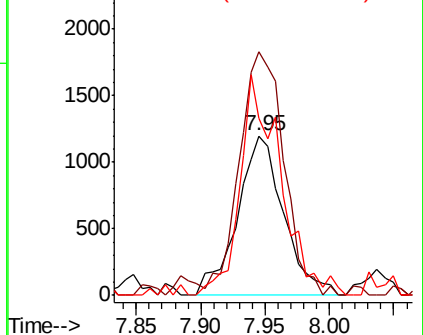
#31
Cyclohexane
Concen: 1.513 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008373.D
Acq: 21 Jan 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
C-4

Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 153.0 27.0 40.6#
84 111.1 72.5 108.7#

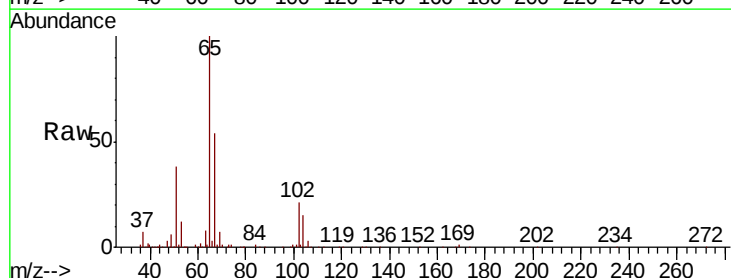


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

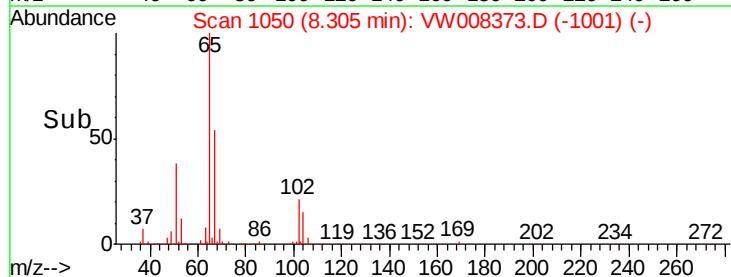
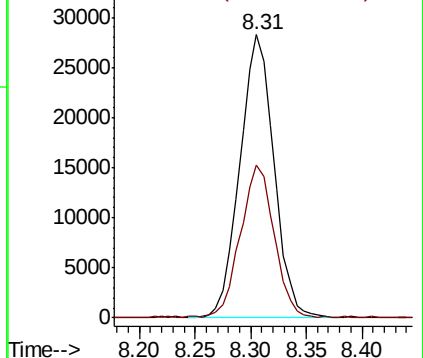


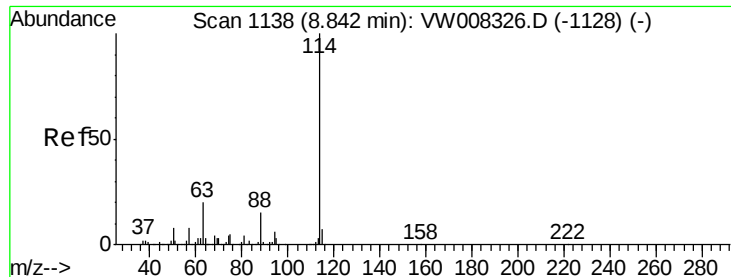
#33
1,2-Dichloroethane-d4
Concen: 56.987 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008373.D
Acq: 21 Jan 2019 14:20

Tgt Ion: 65 Resp: 60186
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

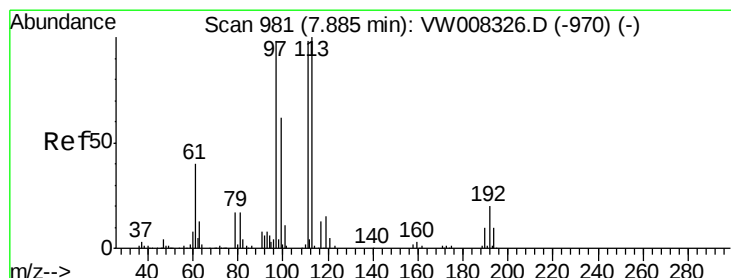
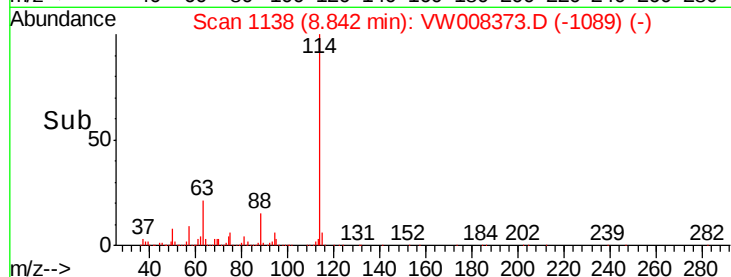
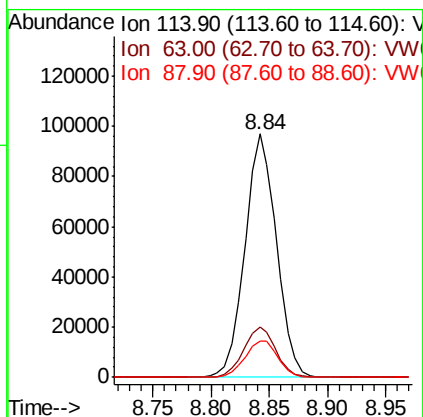
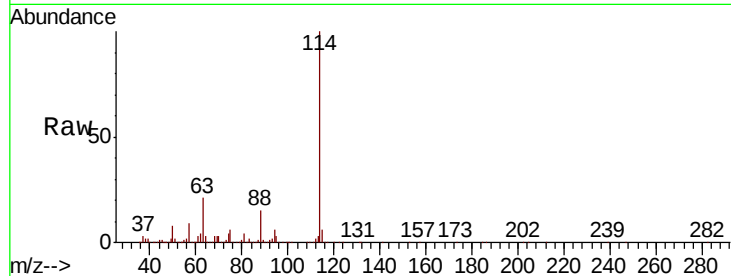




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008373.D
 Acq: 21 Jan 2019 14:20

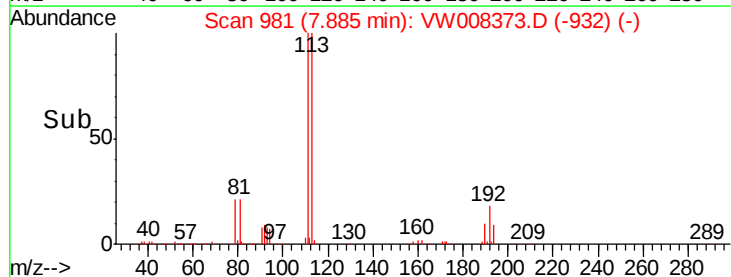
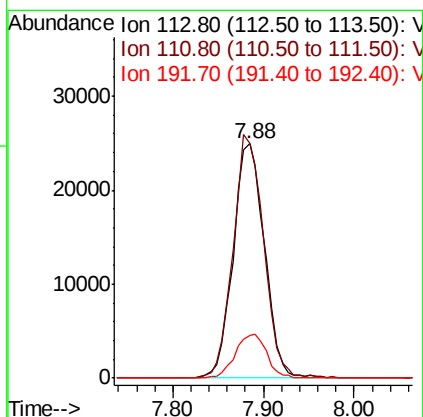
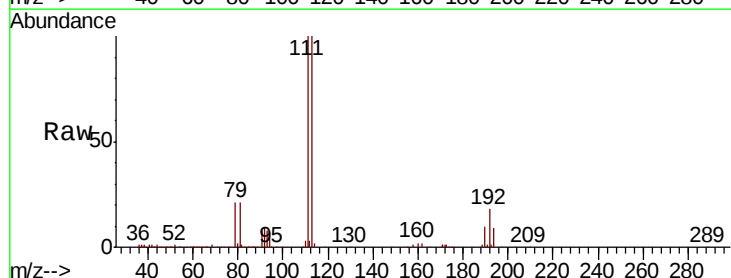
Instrument :
 MSVOA_W
 ClientSampleId :
 C-4

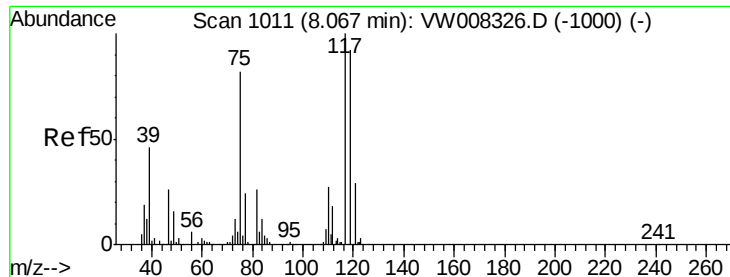
Tgt Ion:114 Resp: 182930
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 14.9 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 51.091 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008373.D
 Acq: 21 Jan 2019 14:20

Tgt Ion:113 Resp: 59659
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 18.9 16.3 24.5





#38

Carbon Tetrachloride

Concen: 5.986 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

C-4

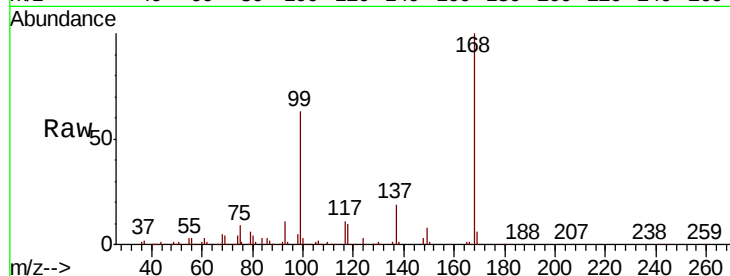
Tgt Ion:117 Resp: 10879

Ion Ratio Lower Upper

117 100

119 4.5 73.8 110.6#

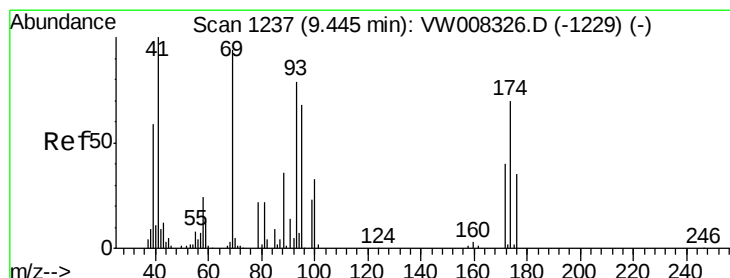
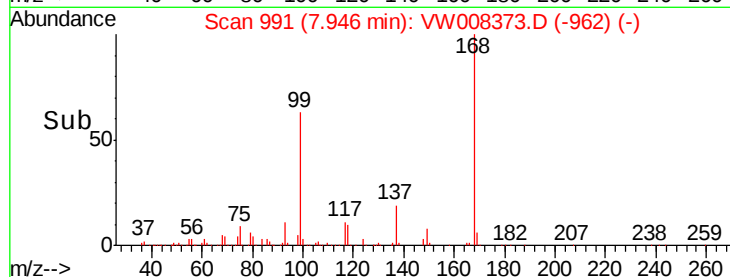
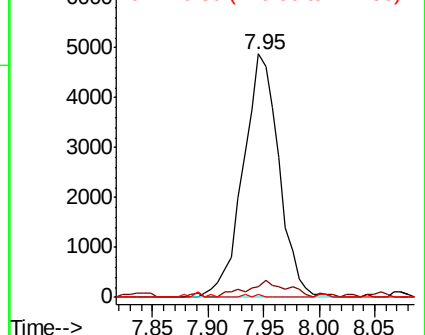
121 1.3 23.4 35.0#



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: 1.841 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

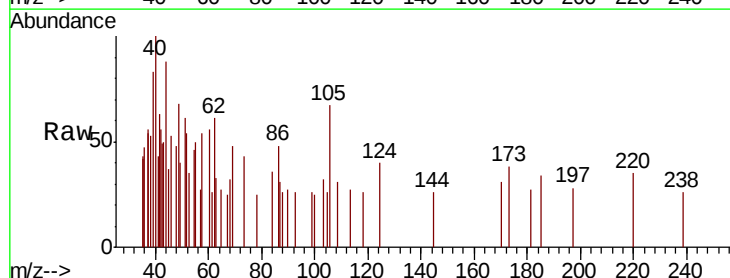
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 27.1 40.7#

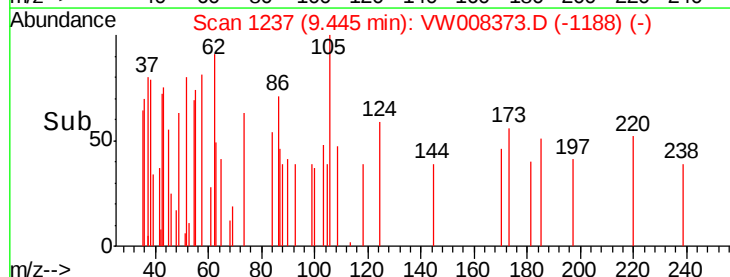
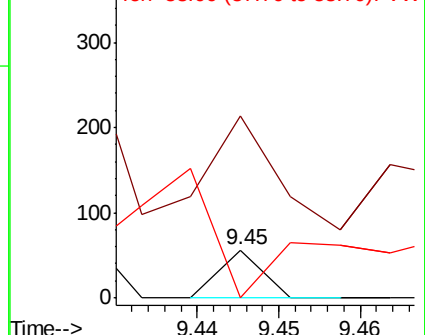
58 0.0 57.9 86.9#

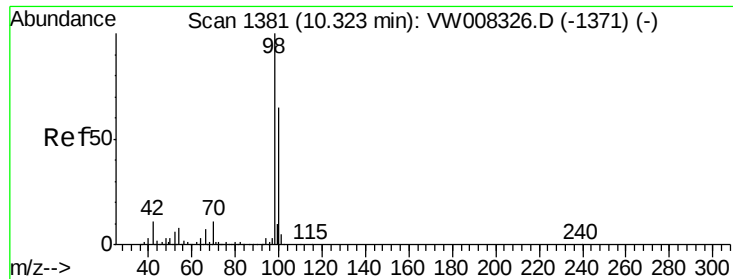


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

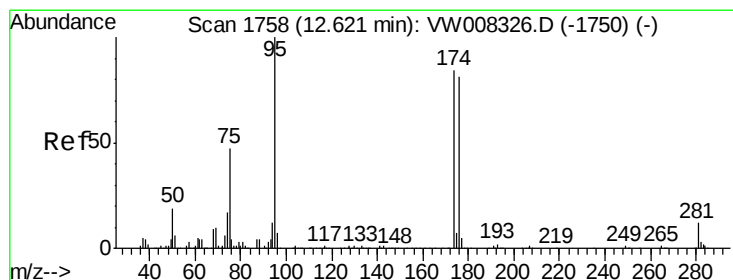
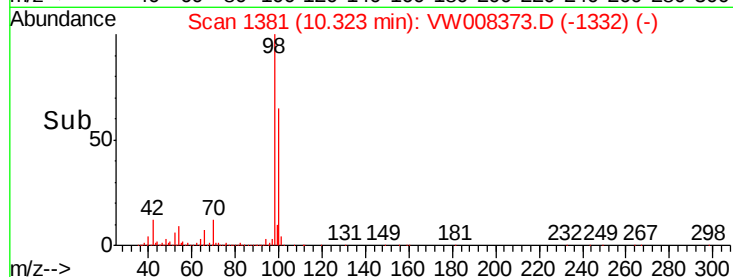
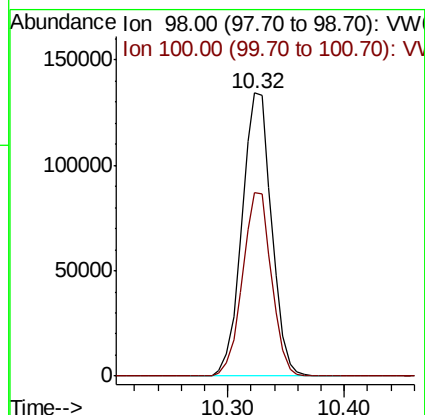
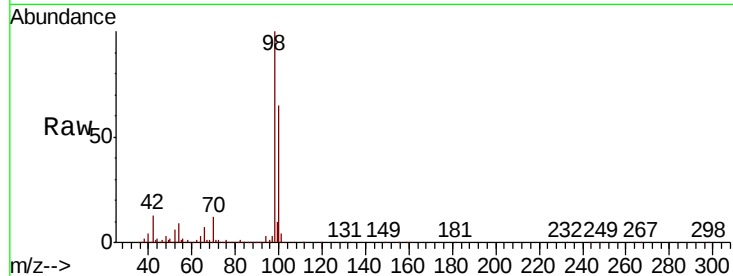




#50
Toluene-d8
Concen: 51.985 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008373.D
Acq: 21 Jan 2019 14:20

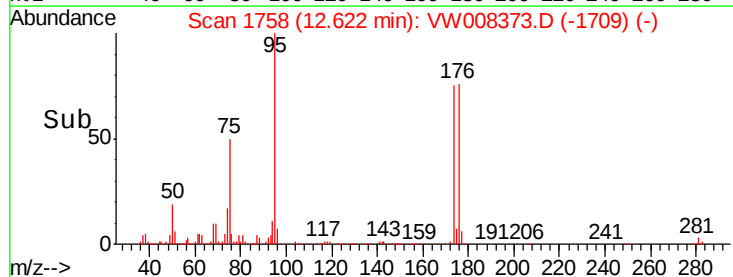
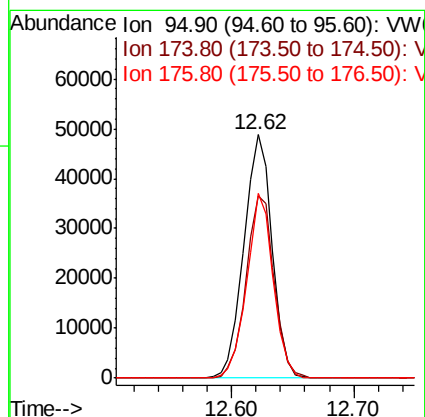
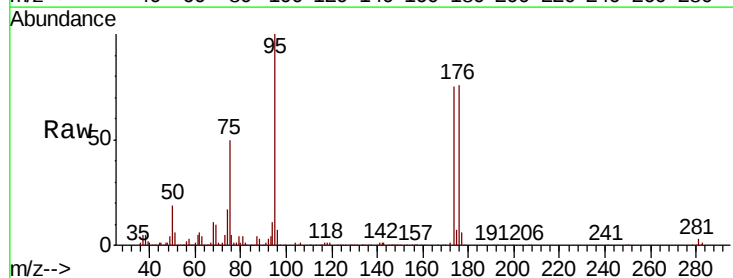
Instrument :
MSVOA_W
ClientSampleId :
C-4

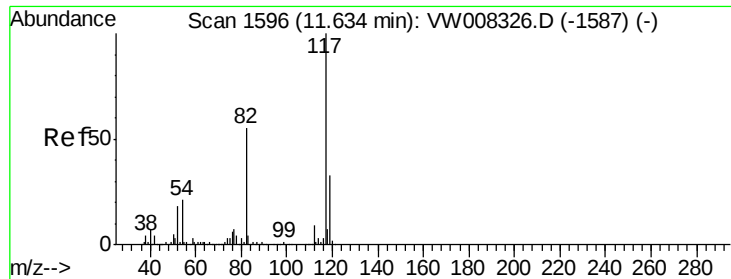
Tgt Ion: 98 Resp: 238477
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.512 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008373.D
Acq: 21 Jan 2019 14:20

Tgt Ion: 95 Resp: 78170
Ion Ratio Lower Upper
95 100
174 75.5 0.0 166.0
176 71.2 0.0 160.0

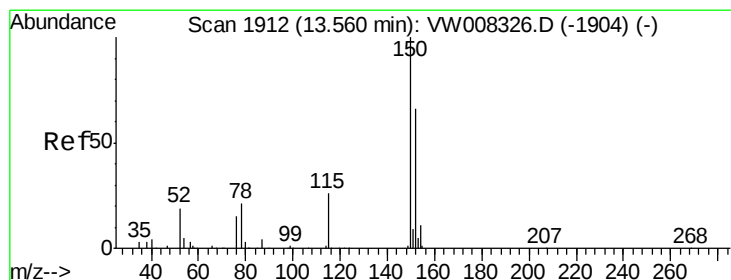
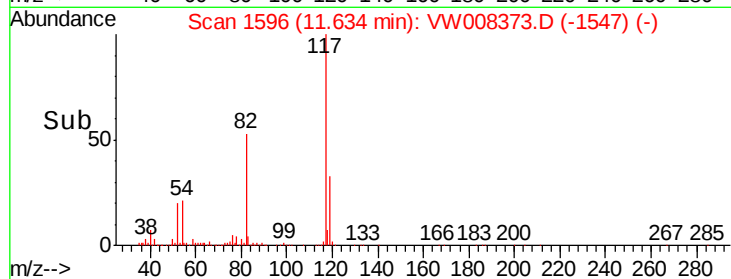
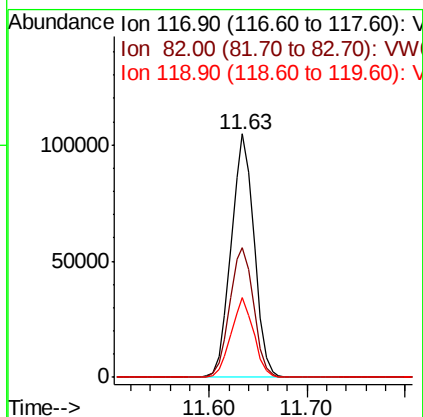
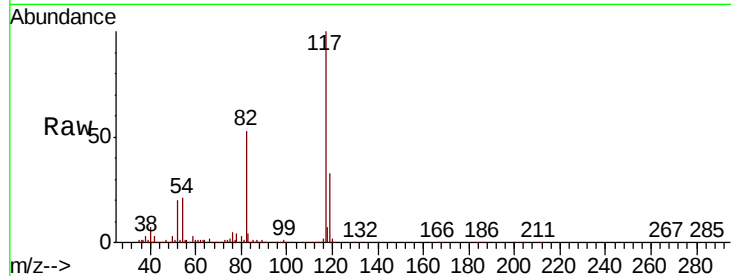




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008373.D
Acq: 21 Jan 2019 14:20

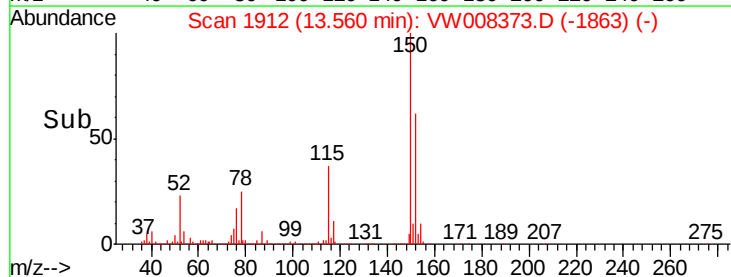
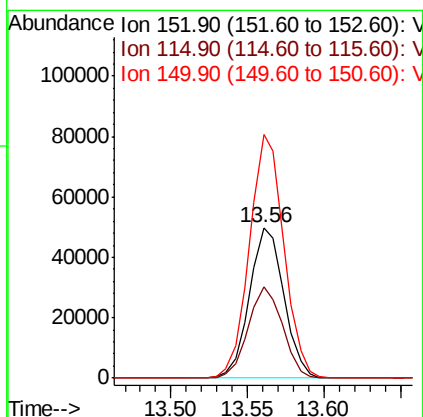
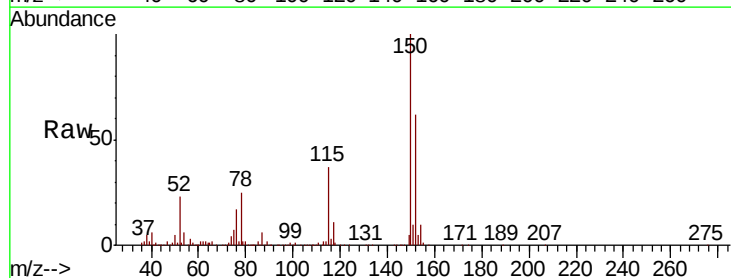
Instrument :
MSVOA_W
ClientSampled :
C-4

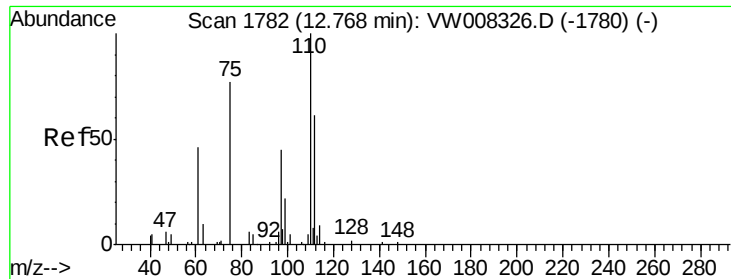
Tgt Ion:117 Resp: 170359
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008373.D
Acq: 21 Jan 2019 14:20

Tgt Ion:152 Resp: 78163
Ion Ratio Lower Upper
152 100
115 60.6 28.8 86.4
150 161.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 55.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

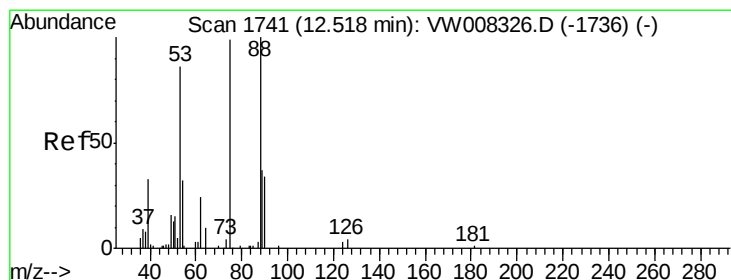
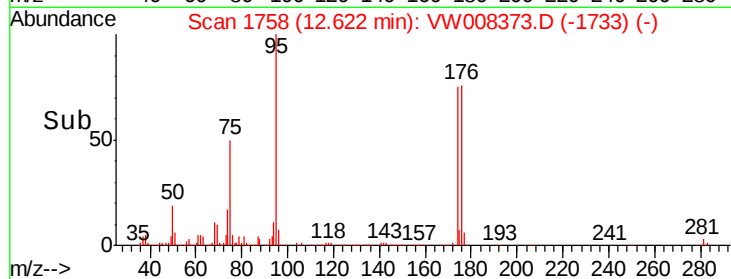
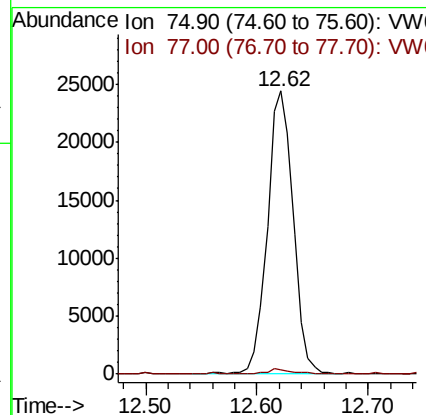
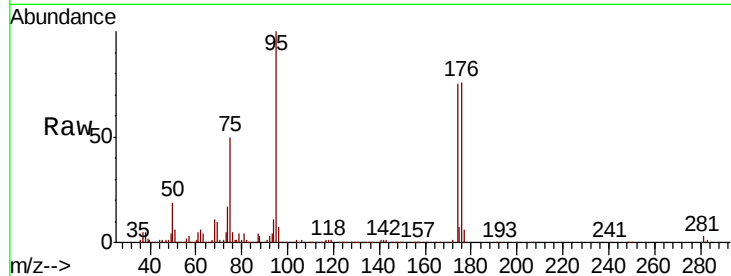
C-4

Tgt Ion: 75 Resp: 39644

Ion Ratio Lower Upper

75 100

77 1.9 175.3 526.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.914 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008373.D

Acq: 21 Jan 2019 14:20

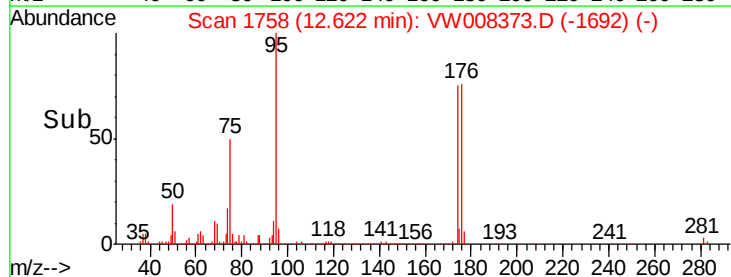
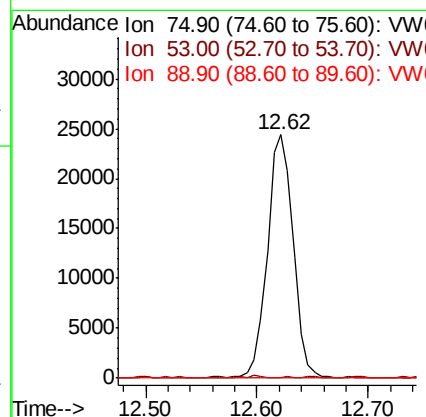
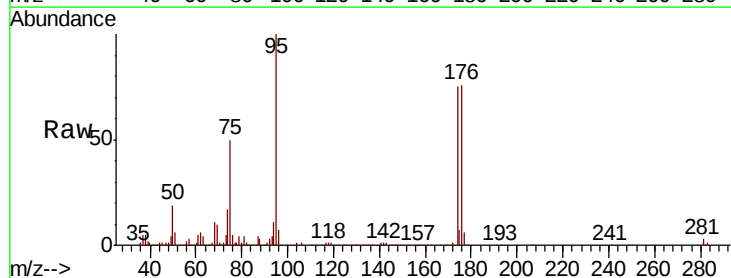
Tgt Ion: 75 Resp: 39644

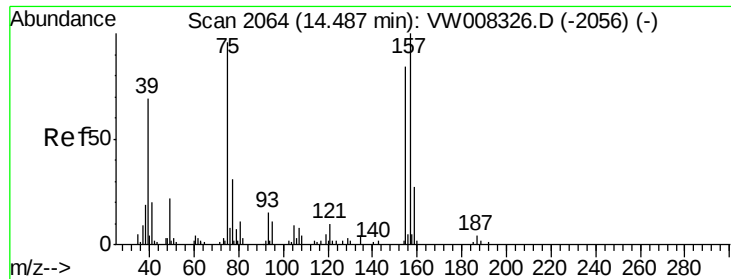
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.4#

89 0.0 36.7 55.1#

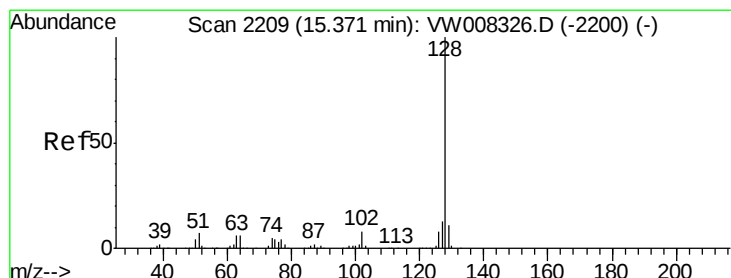
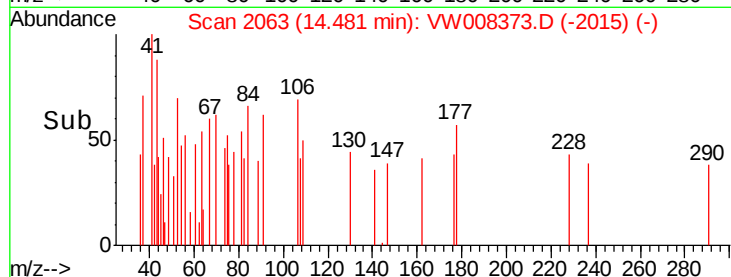
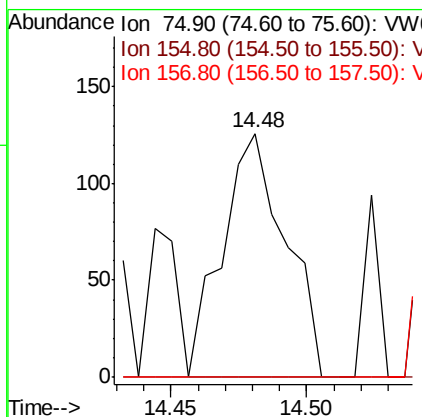
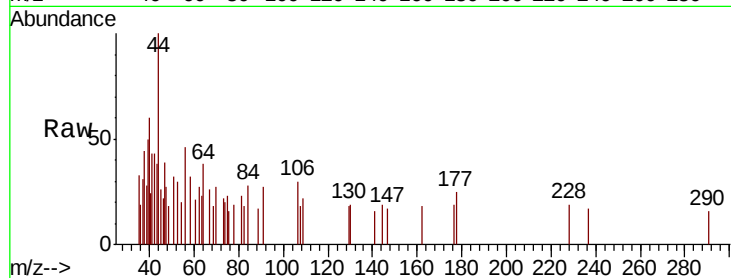




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.282 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW008373.D
 Acq: 21 Jan 2019 14:20

Instrument :
 MSVOA_W
 ClientSampled :
 C-4

Tgt Ion: 75 Resp: 203
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.7 134.1#
 157 0.0 53.9 161.8#



#95
 Naphthalene
 Concen: 2.392 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008373.D
 Acq: 21 Jan 2019 14:20

Tgt Ion: 128 Resp: 198
 Ion Ratio Lower Upper
 128 100
 127 27.3 10.5 15.7#
 129 0.0 8.8 13.2#

