

Data File : VW008239.D
Acq On : 14 Jan 2019 11:37
Operator : SY/VA
Sample : VW0114SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBL01

Quant Time: Jan 14 21:09:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	96017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67203	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54065	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	53000	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
50) Toluene-d8	10.32	98	206510	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.62	95	65762	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds

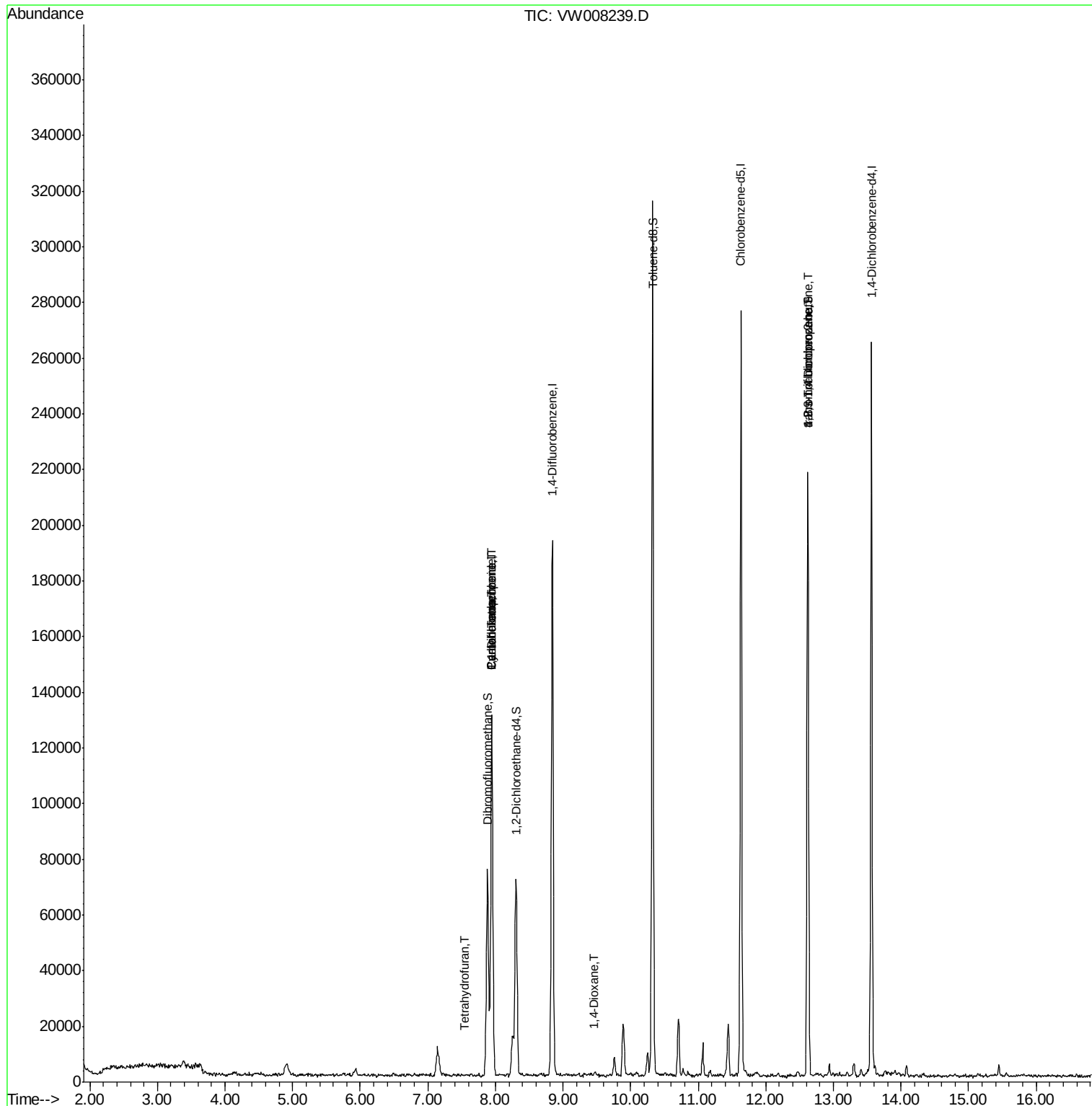
						Qvalue
11) Tert butyl alcohol	5.22	59	358	Below Cal	#	100
16) Acetone	4.14	43	2232	Below Cal		89
20) Methylene Chloride	4.91	84	3287	Below Cal	#	89
29) Tetrahydrofuran	7.54	42	443	2.209	ug/l #	53
31) Cyclohexane	7.95	56	2372	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	7930	4.747	ug/l #	52
38) Carbon Tetrachloride	7.95	117	9837	6.433	ug/l #	17
49) 1,4-Dioxane	9.45	88	41	4.621	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	33731	55.060	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	33731	128.217	ug/l #	11

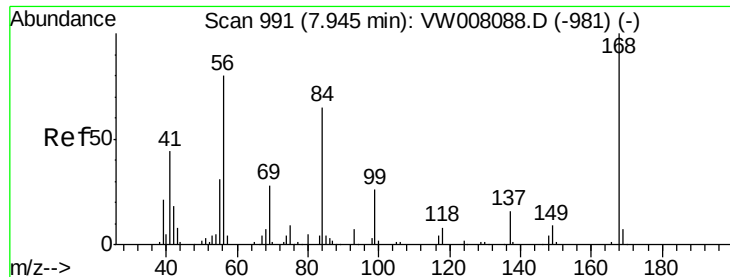
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW008239.D

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MSVOA_W

ClientSampleId :

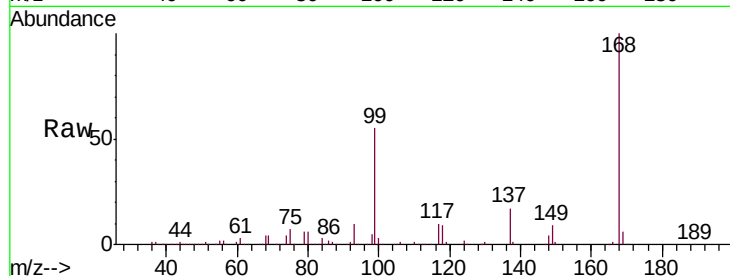
VW0114SBL01

Tgt Ion:168 Resp: 96017

Ion Ratio Lower Upper

168 100

99 54.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

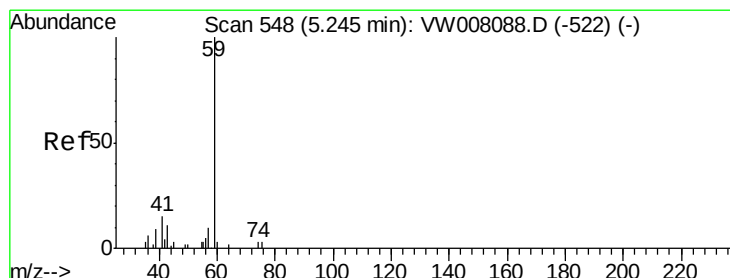
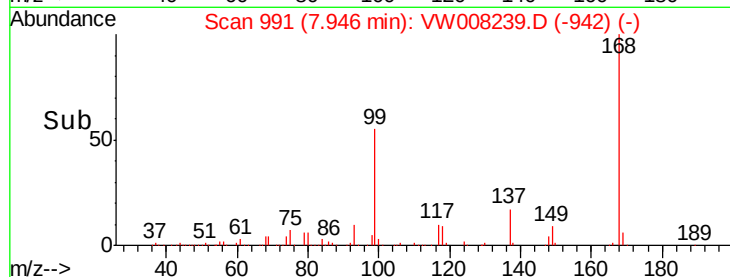
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. -0.02 min

Lab File: VW008239.D

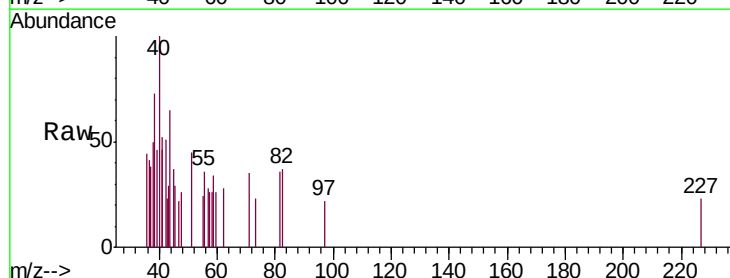
Acq: 14 Jan 2019 11:37

Tgt Ion: 59 Resp: 358

Ion Ratio Lower Upper

59 100

57 26.0 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

150

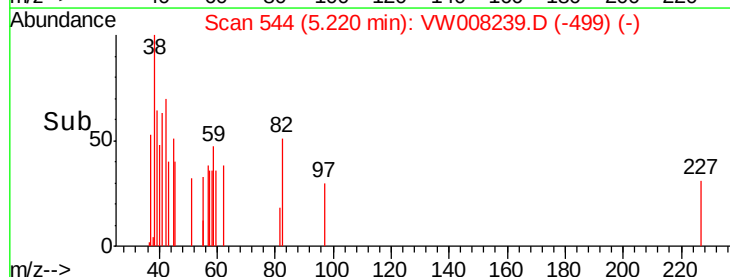
100

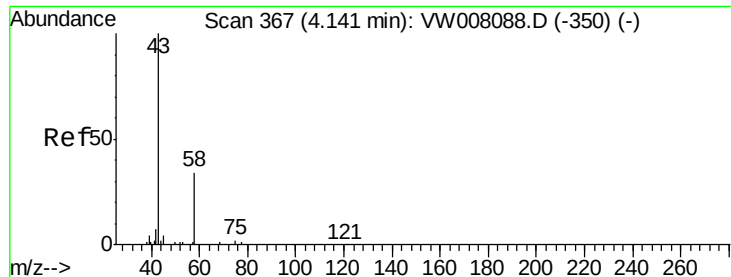
50

0

Time-->

5.15 5.20 5.25 5.30





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

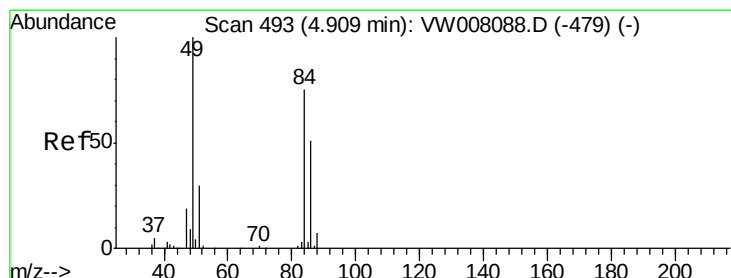
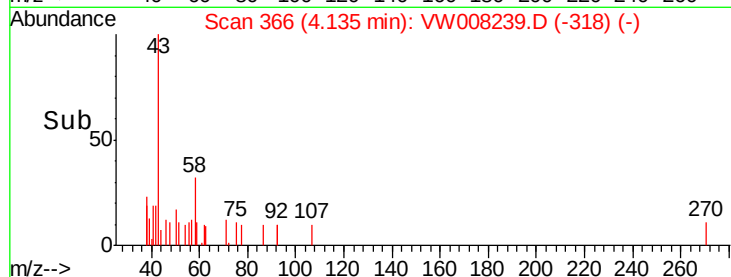
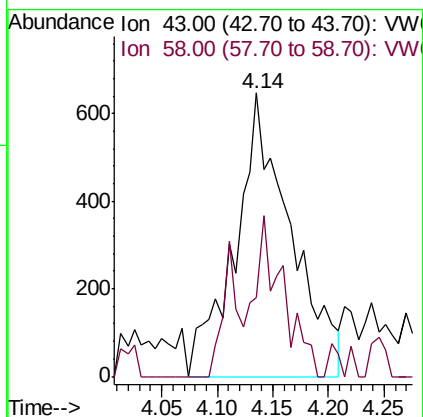
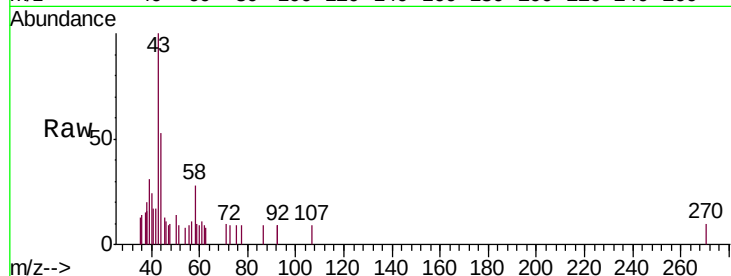
VW0114SBL01

Tgt Ion: 43 Resp: 2232

Ion Ratio Lower Upper

43 100

58 27.8 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

Tgt Ion: 84 Resp: 3287

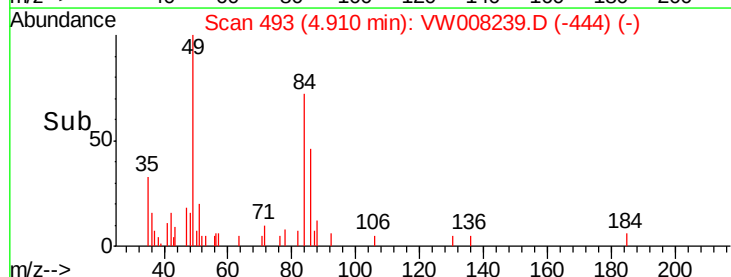
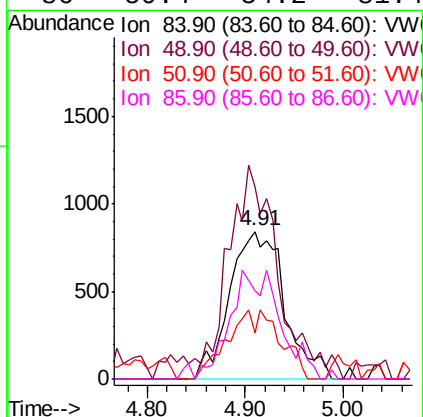
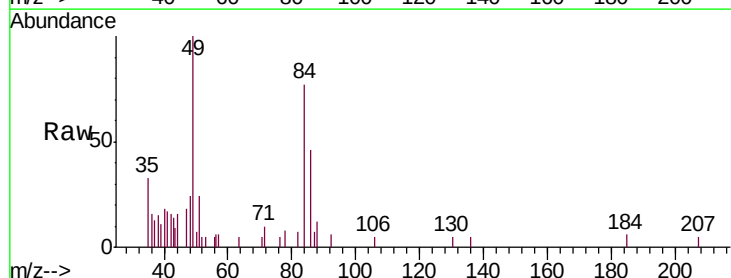
Ion Ratio Lower Upper

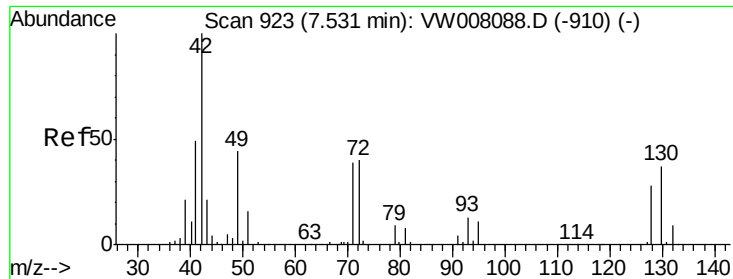
84 100

49 121.1 107.1 160.7

51 31.4 32.4 48.6#

86 59.4 54.2 81.4

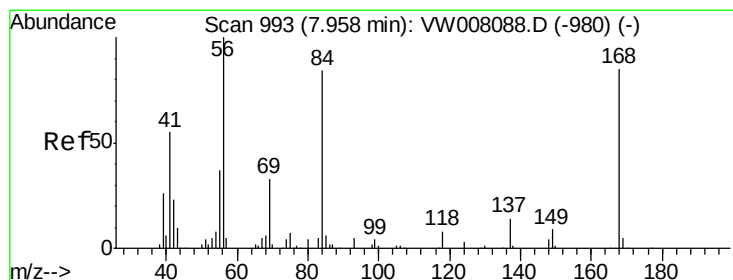
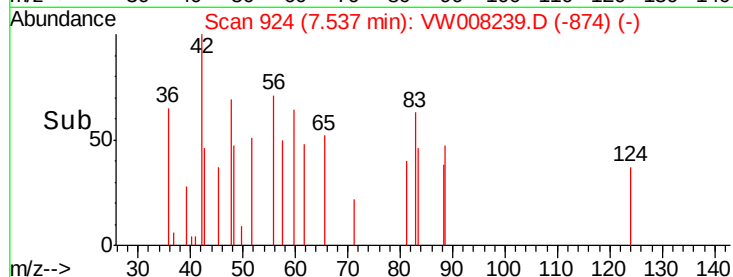
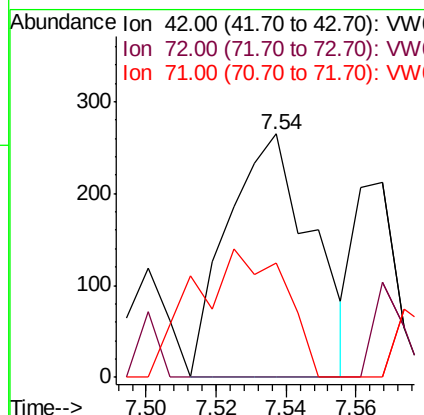
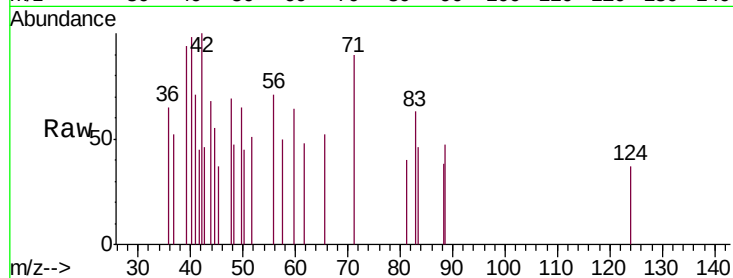




#29
Tetrahydrofuran
Concen: 2.209 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008239.D
Acq: 14 Jan 2019 11:37

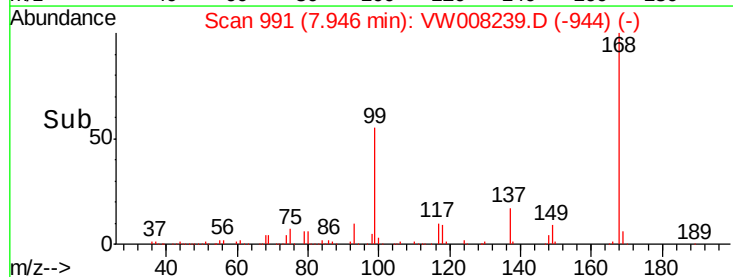
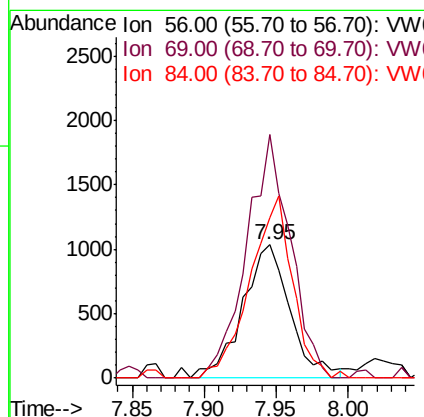
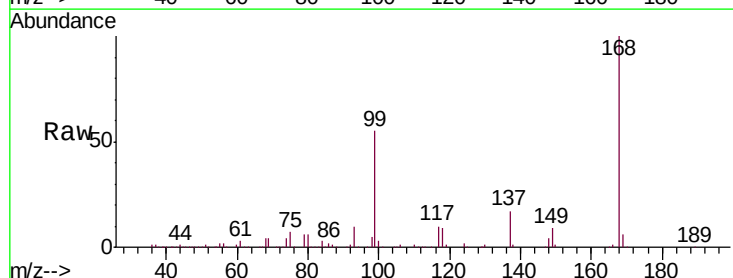
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBL01

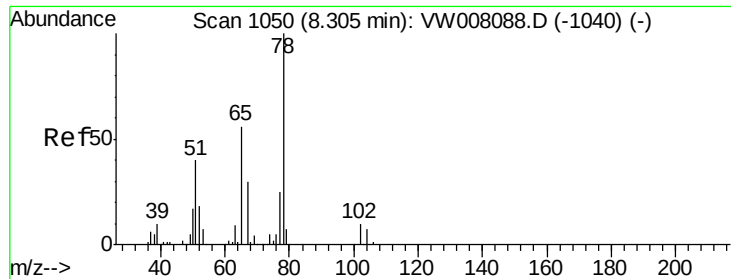
Tgt Ion: 42 Resp: 443
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 56.9 31.3 46.9#



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008239.D
Acq: 14 Jan 2019 11:37

Tgt Ion: 56 Resp: 2372
Ion Ratio Lower Upper
56 100
69 182.8 26.2 39.4#
84 120.1 67.4 101.2#

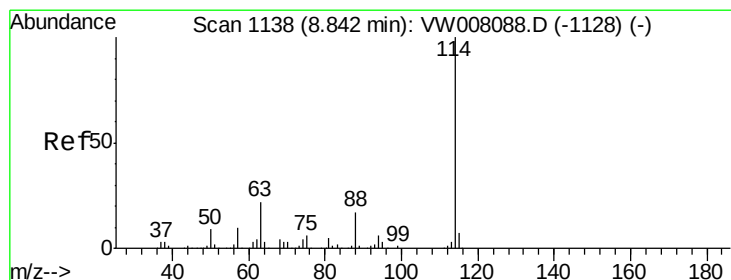
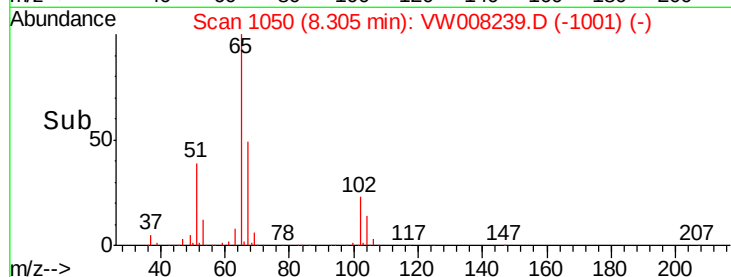
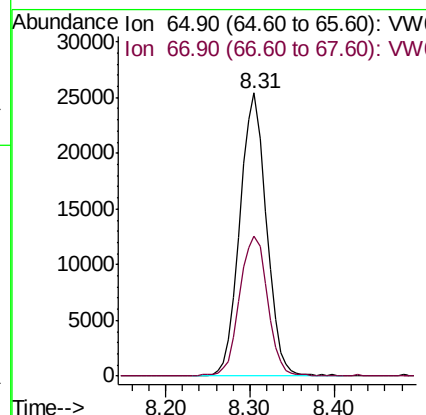
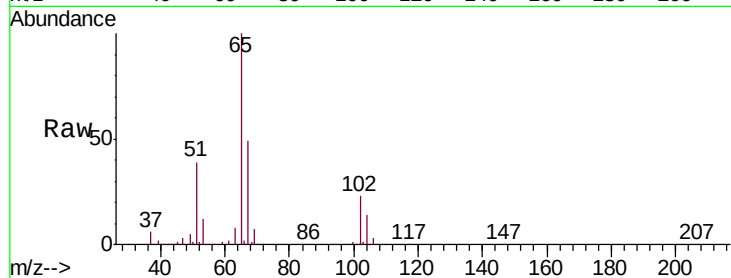




#33
 1,2-Dichloroethane-d4
 Concen: 50.100 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008239.D
 Acq: 14 Jan 2019 11:37

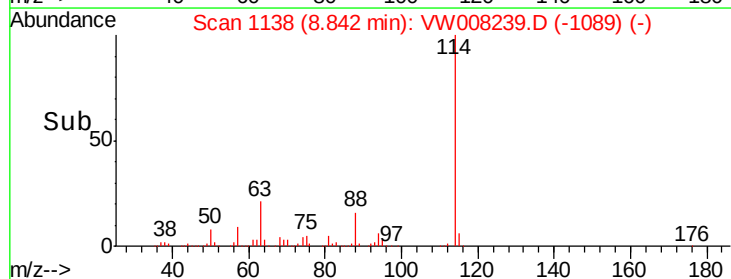
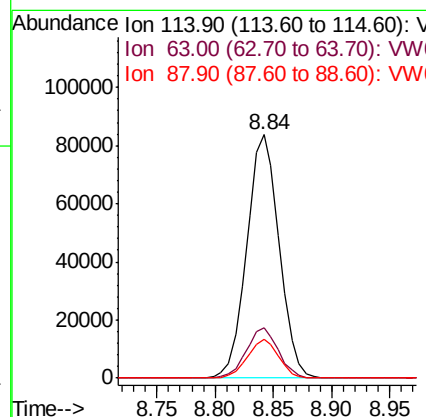
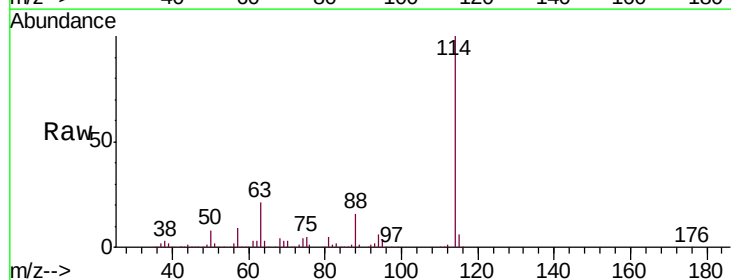
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBL01

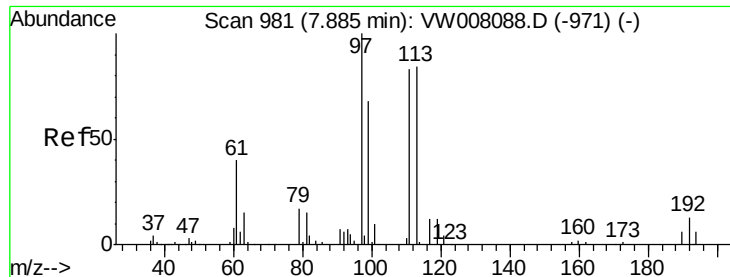
Tgt Ion: 65 Resp: 54065
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008239.D
 Acq: 14 Jan 2019 11:37

Tgt Ion: 114 Resp: 162178
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.4
 88 15.8 0.0 33.4

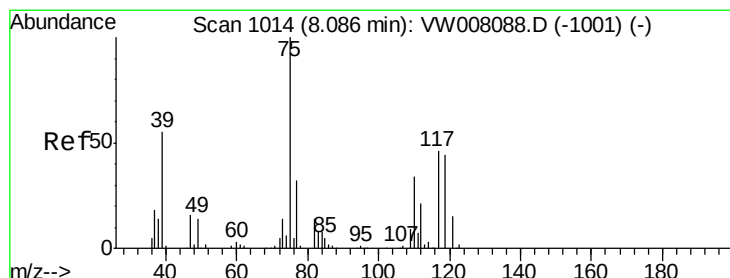
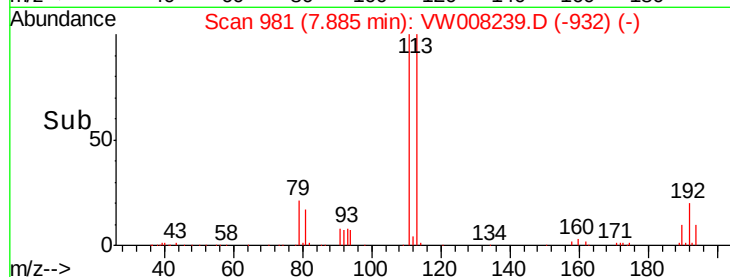
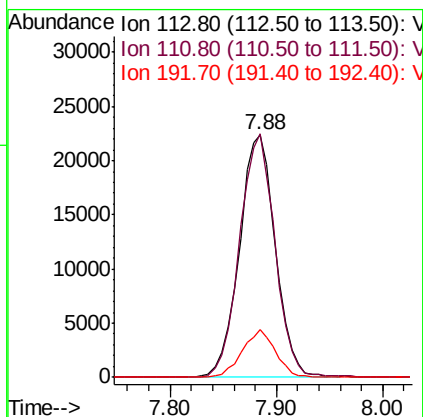
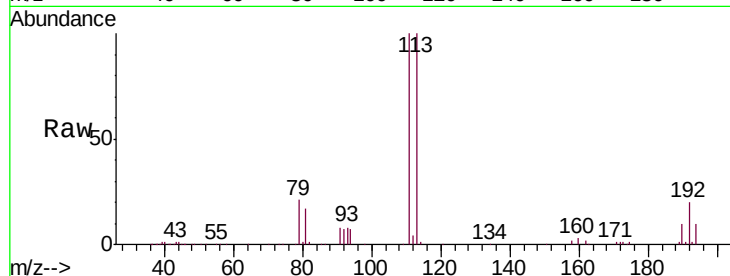




#35
 Dibromofluoromethane
 Concen: 56.032 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008239.D
 Acq: 14 Jan 2019 11:37

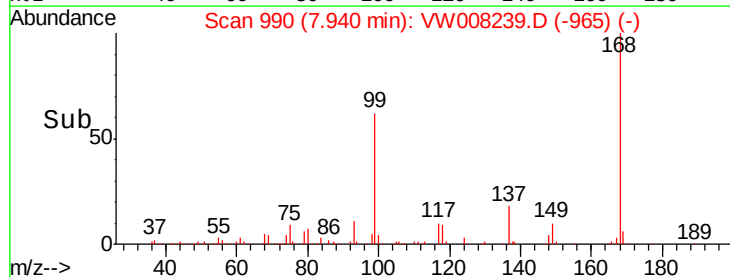
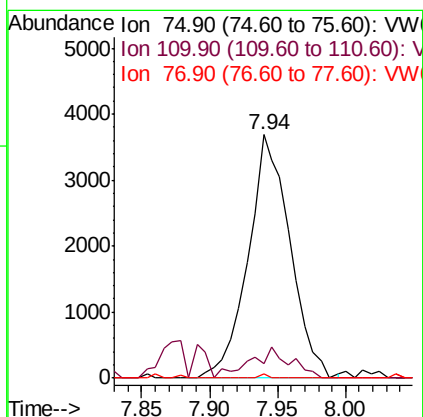
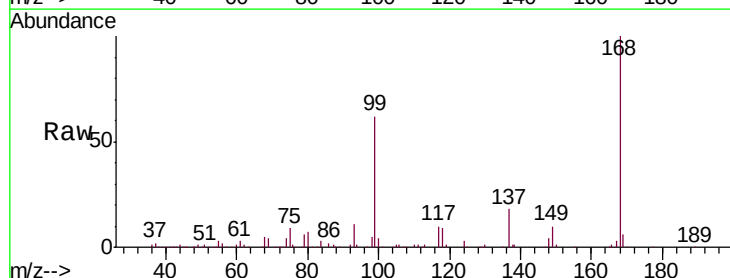
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBL01

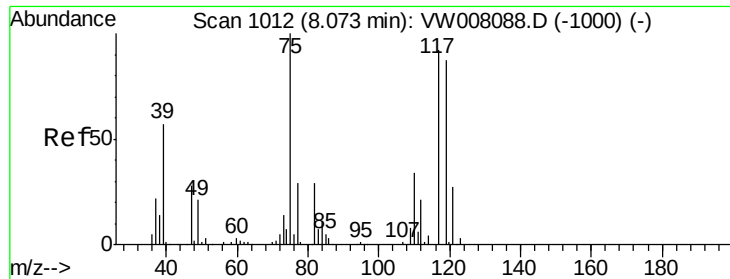
Tgt Ion:113 Resp: 53000
 Ion Ratio Lower Upper
 113 100
 111 98.6 81.8 122.8
 192 18.2 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.15 min
 Lab File: VW008239.D
 Acq: 14 Jan 2019 11:37

Tgt Ion: 75 Resp: 7930
 Ion Ratio Lower Upper
 75 100
 110 11.0 17.1 51.3#
 77 0.3 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBL01

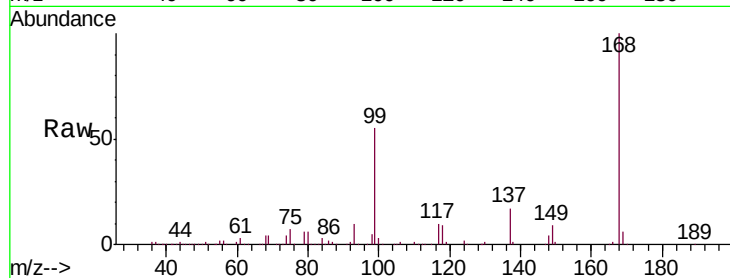
Tgt Ion:117 Resp: 9837

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

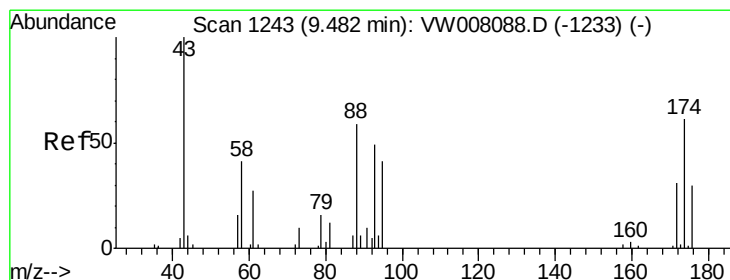
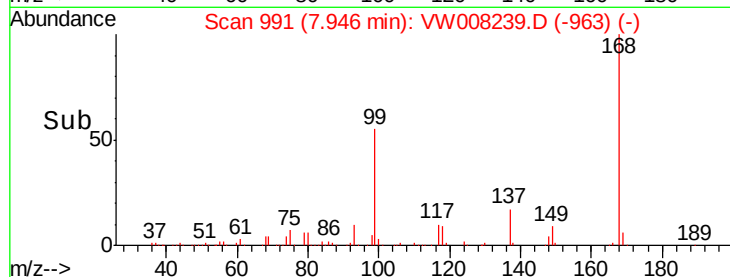
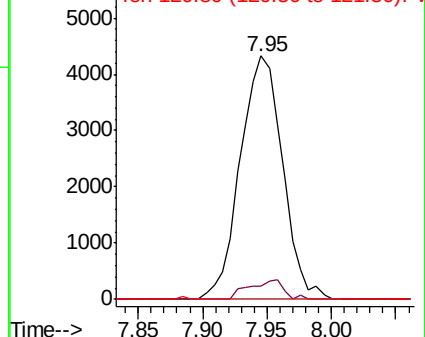
121 0.0 23.7 35.5#



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: 4.621 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

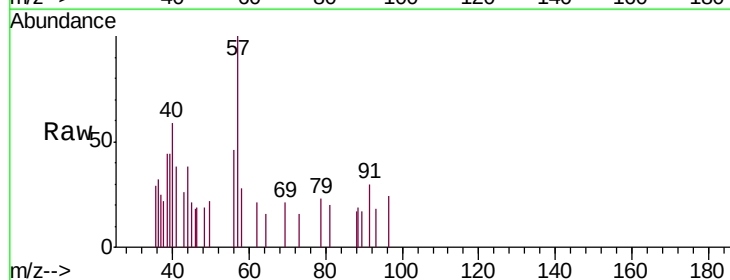
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 136.6 0.0 0.0#

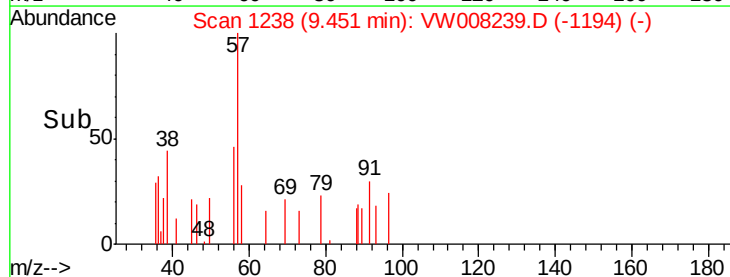
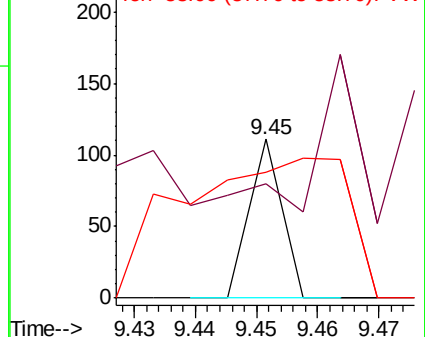
58 451.2 61.7 92.5#

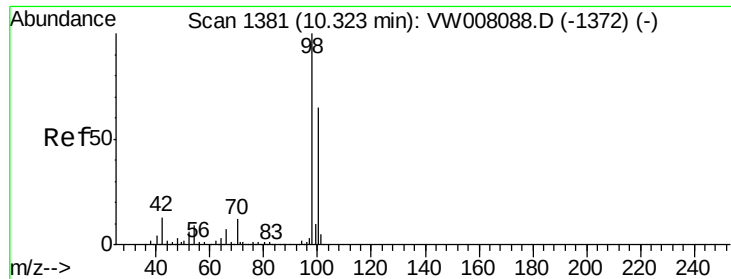


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 52.027 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

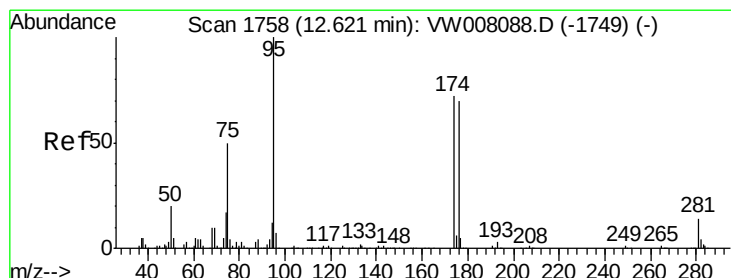
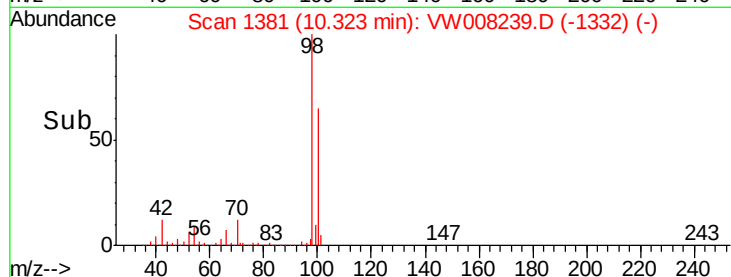
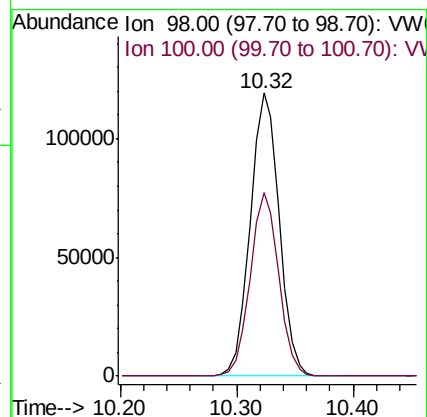
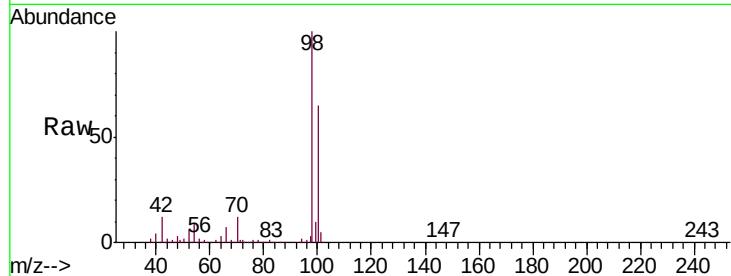
VW0114SBL01

Tgt Ion: 98 Resp: 206510

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.214 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

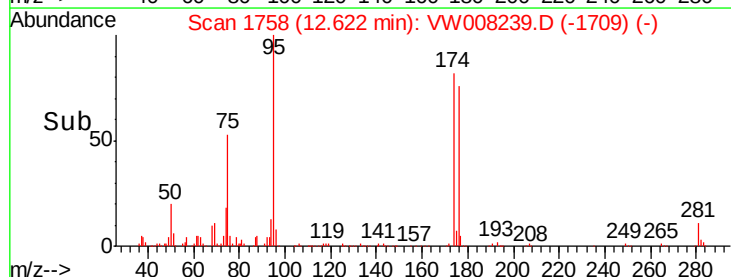
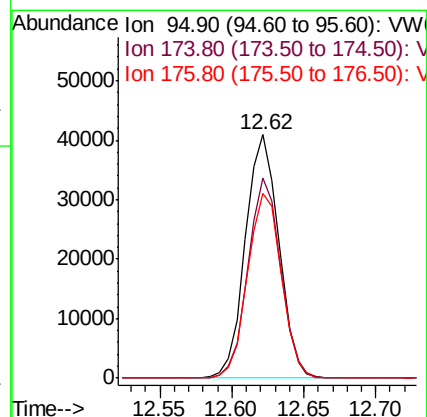
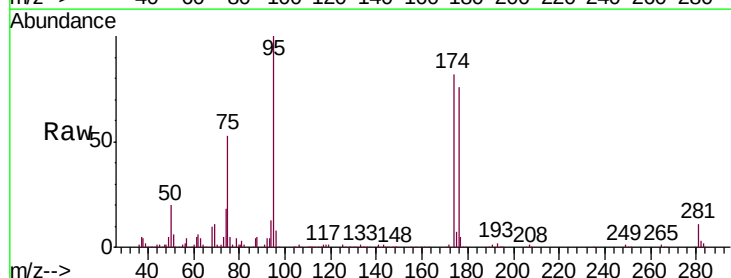
Tgt Ion: 95 Resp: 65762

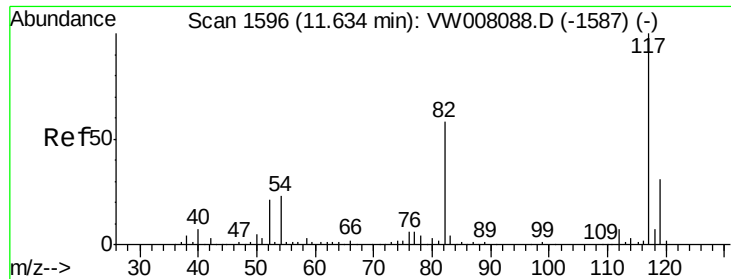
Ion Ratio Lower Upper

95 100

174 80.2 0.0 143.0

176 76.4 0.0 140.2

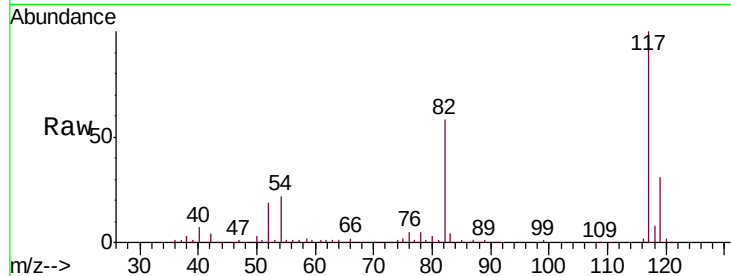




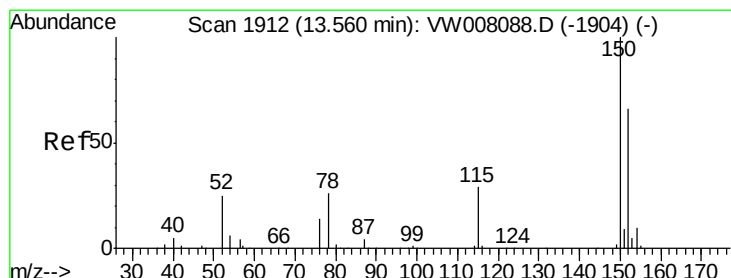
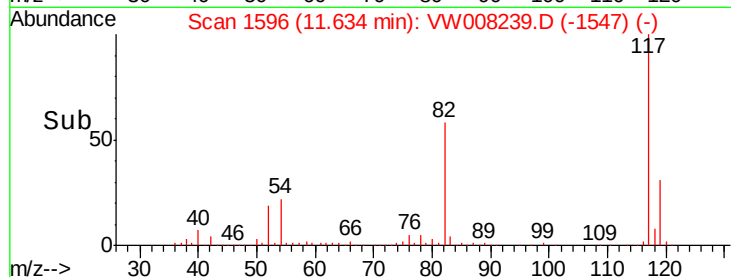
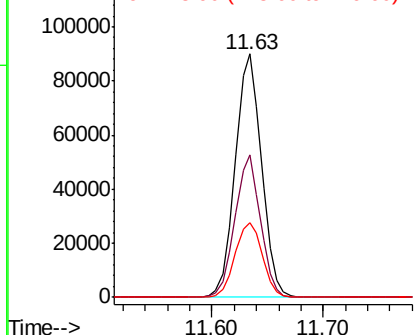
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008239.D
Acq: 14 Jan 2019 11:37

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBL01

Tgt Ion:117 Resp: 146762
Ion Ratio Lower Upper
117 100
82 58.3 46.4 69.6
119 30.8 24.7 37.1

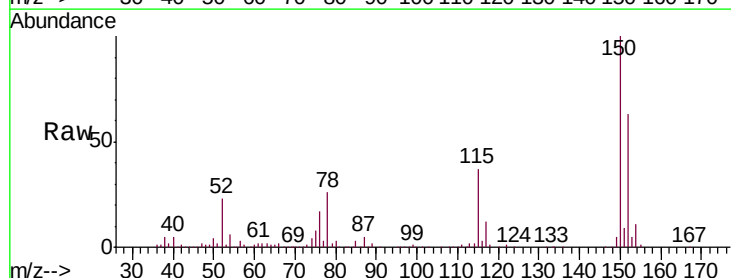


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

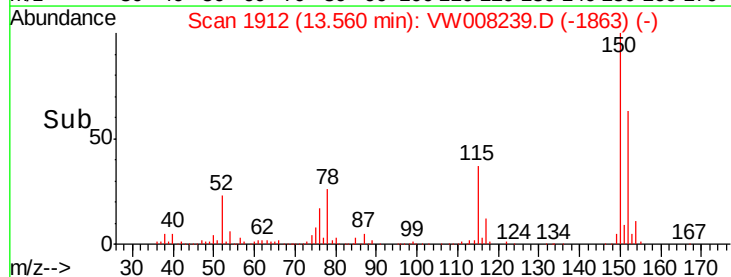
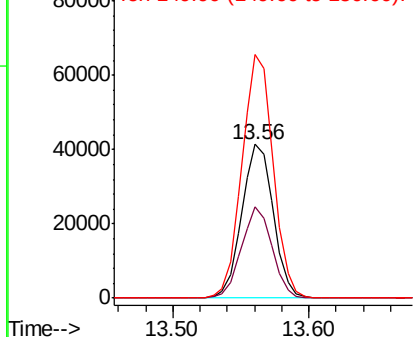


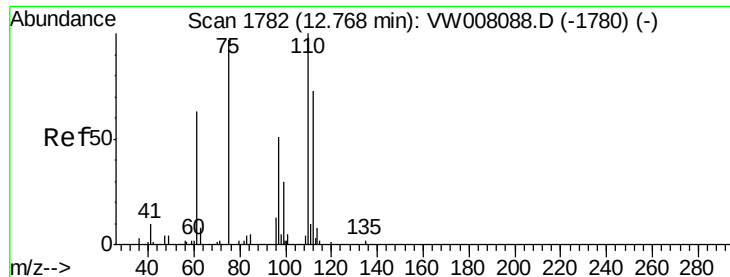
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008239.D
Acq: 14 Jan 2019 11:37

Tgt Ion:152 Resp: 67203
Ion Ratio Lower Upper
152 100
115 57.6 30.8 92.4
150 156.3 0.0 350.2



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: 55.060 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

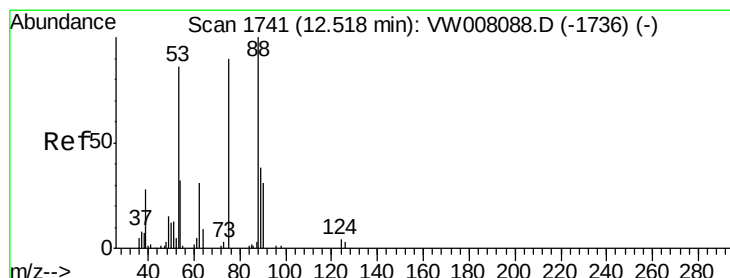
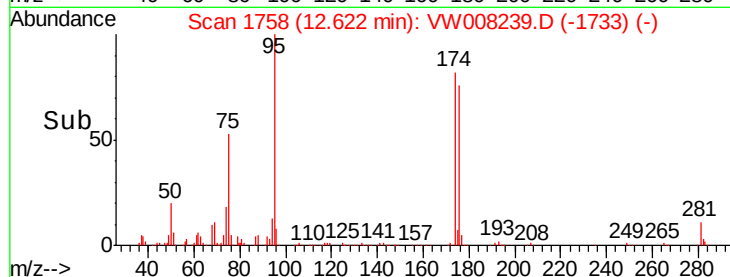
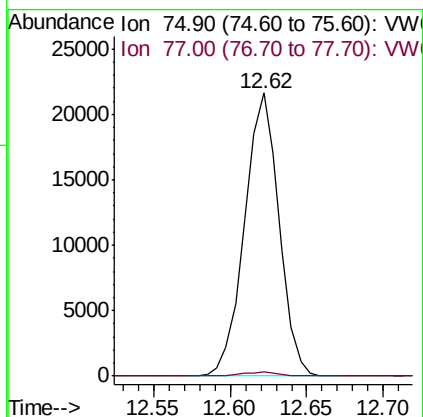
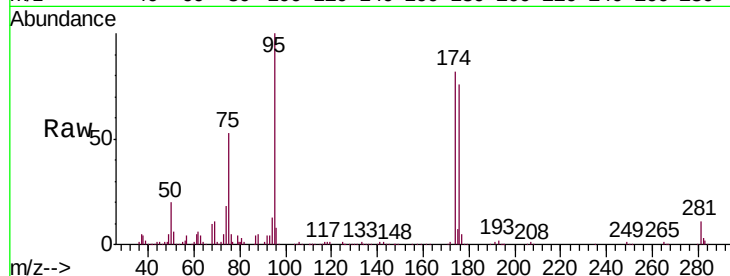
VW0114SBL01

Tgt Ion: 75 Resp: 33731

Ion Ratio Lower Upper

75 100

77 1.6 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.217 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008239.D

Acq: 14 Jan 2019 11:37

Tgt Ion: 75 Resp: 33731

Ion Ratio Lower Upper

75 100

53 0.6 78.8 118.2#

89 0.1 35.4 53.2#

