

Data File : VW008215.D
Acq On : 12 Jan 2019 02:44
Operator : SY/VA
Sample : VW0111SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL02

Quant Time: Jan 12 03:20:26 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	91447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	53235	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.88	113	50560	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.32	98	208480	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	70115	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

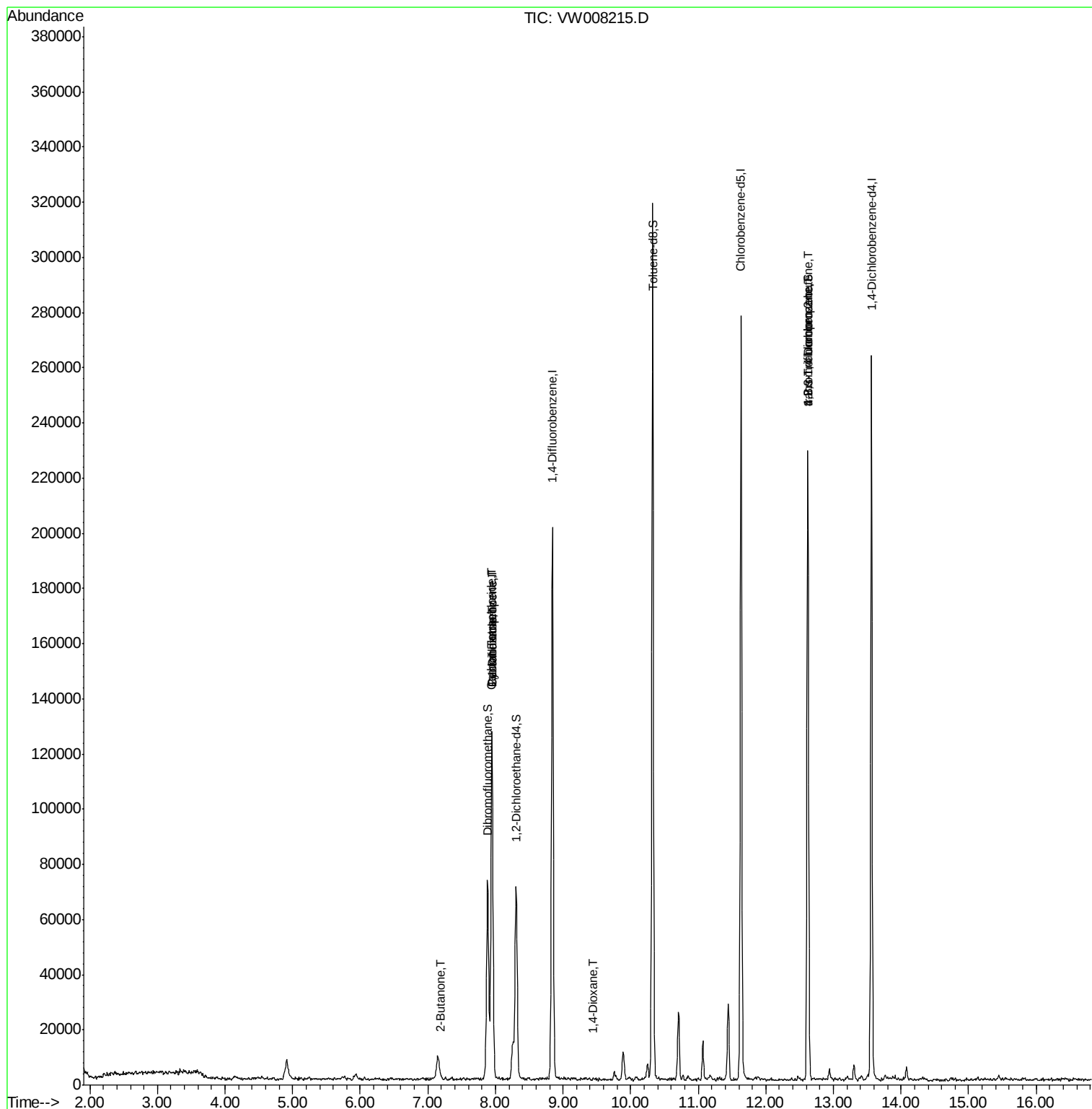
						Qvalue
11) Tert butyl alcohol	5.25	59	136	Below Cal	#	100
13) Acrolein	3.90	56	81	Below Cal	#	79
16) Acetone	4.14	43	694	Below Cal	#	67
20) Methylene Chloride	4.91	84	4494	Below Cal	#	90
25) 2-Butanone	7.20	43	403	1.409	ug/l #	49
31) Cyclohexane	7.95	56	2342	1.083	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	7869	4.626	ug/l #	51
38) Carbon Tetrachloride	7.94	117	9439	6.062	ug/l #	17
49) 1,4-Dioxane	9.44	88	19	2.103	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	34054	55.187	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	34054	128.513	ug/l #	11

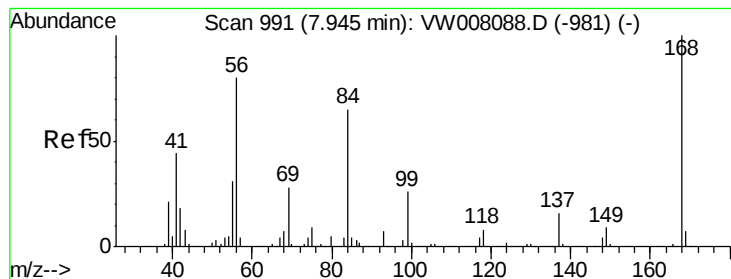
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 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: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

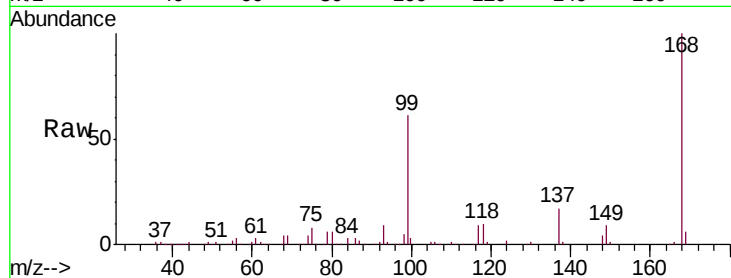
VW0111SBL02

Tgt Ion:168 Resp: 91447

Ion Ratio Lower Upper

168 100

99 60.4 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

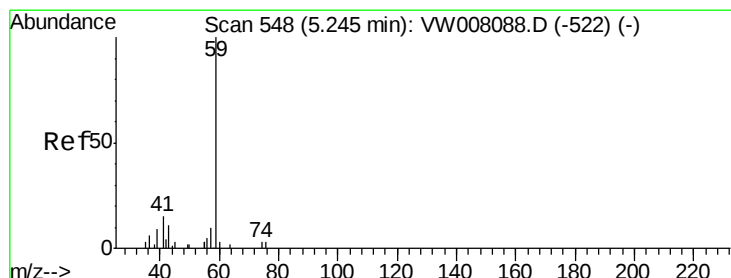
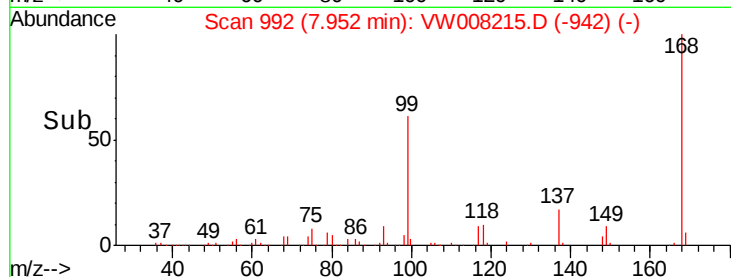
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.25 min Scan# 549

Delta R.T. 0.01 min

Lab File: VW008215.D

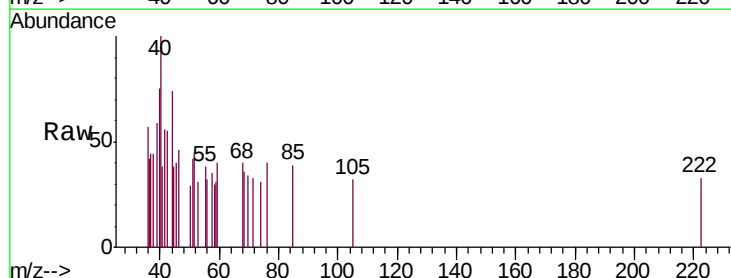
Acq: 12 Jan 2019 02:44

Tgt Ion: 59 Resp: 136

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.25

150

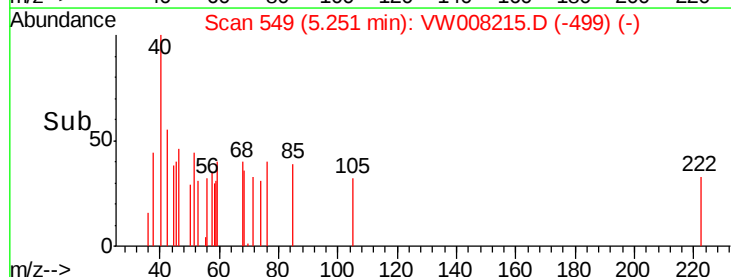
100

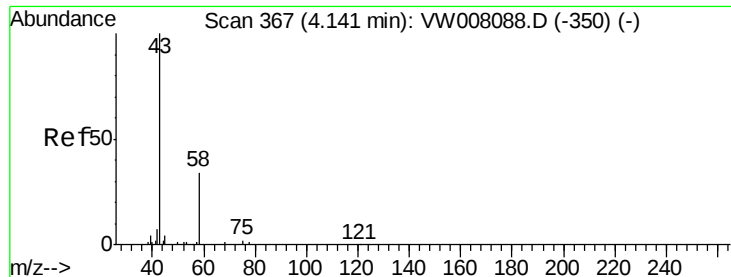
50

0

5.23 5.24 5.25 5.26 5.27

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

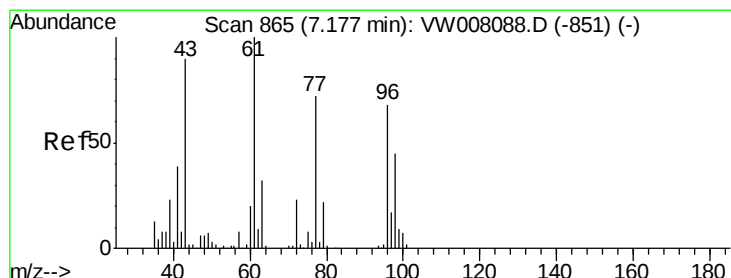
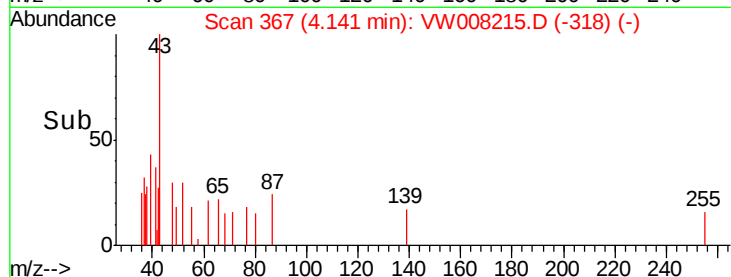
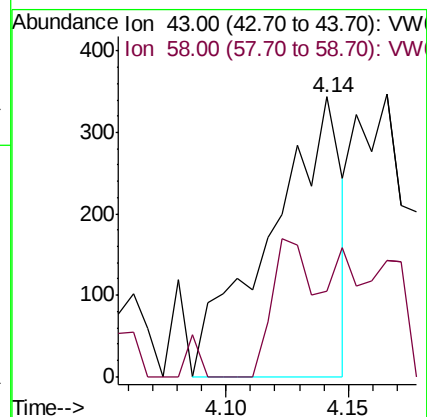
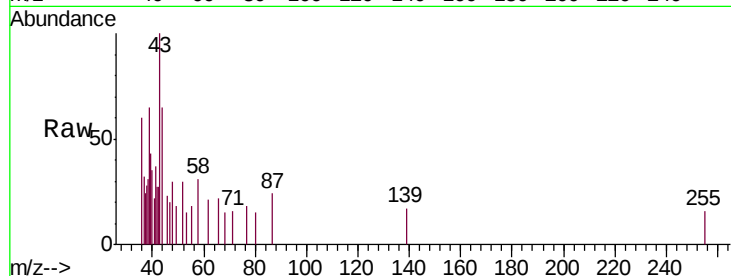
VW0111SBL02

Tgt Ion: 43 Resp: 694

Ion Ratio Lower Upper

43 100

58 15.4 27.5 41.3#



#25

2-Butanone

Concen: 1.409 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW008215.D

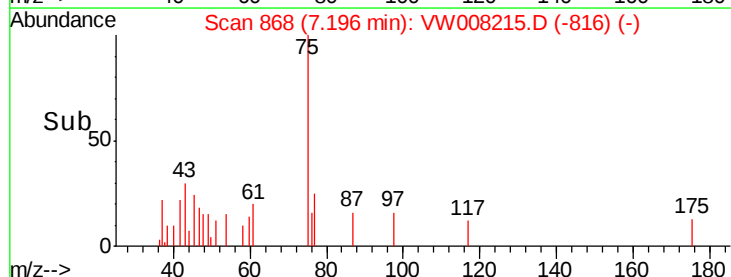
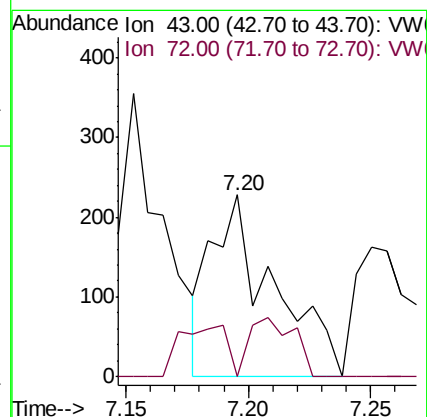
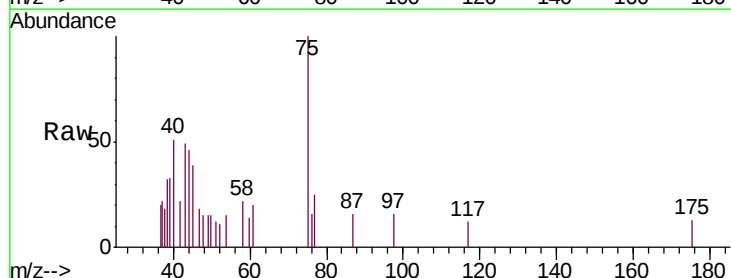
Acq: 12 Jan 2019 02:44

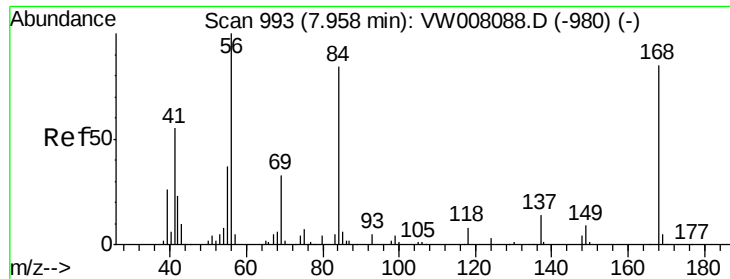
Tgt Ion: 43 Resp: 403

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#

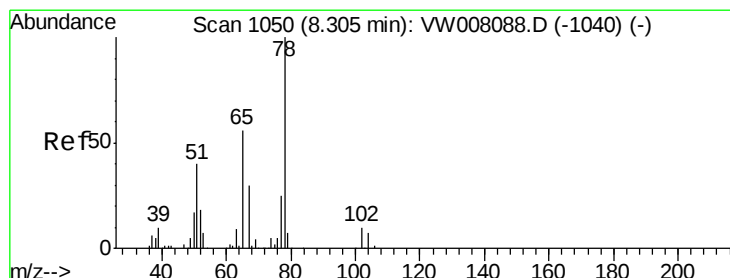
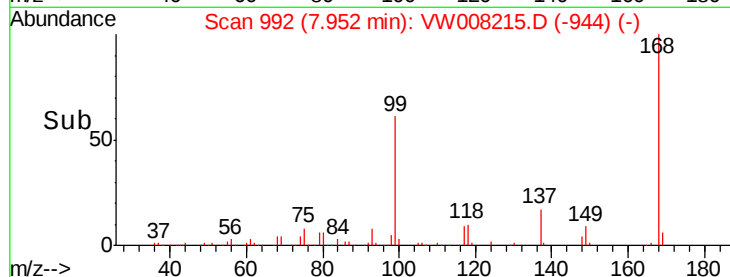
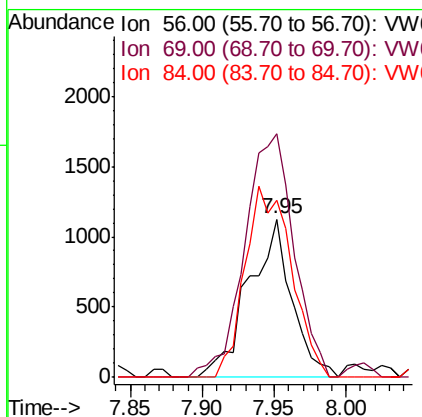
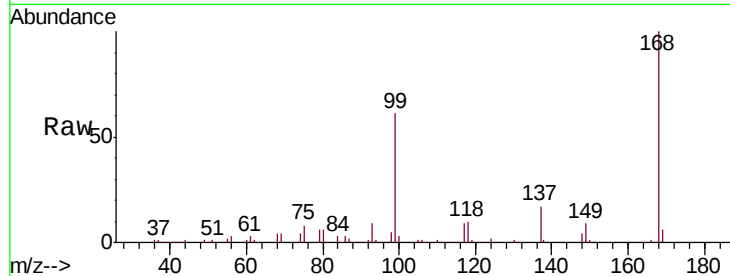




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008215.D
Acq: 12 Jan 2019 02:44

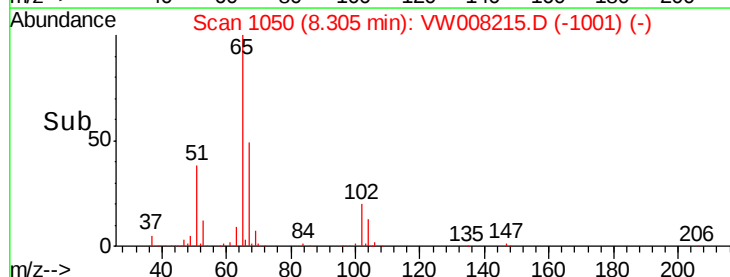
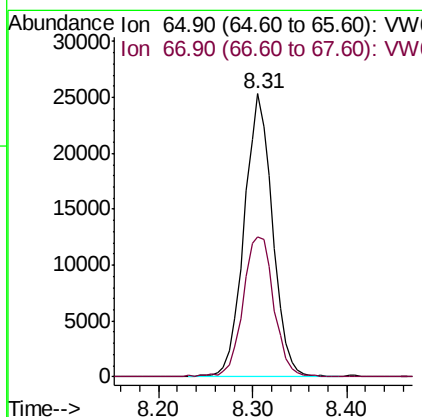
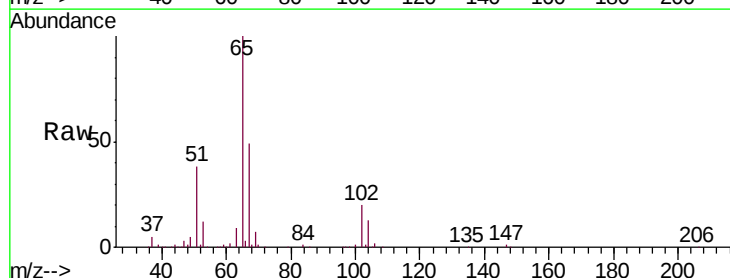
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL02

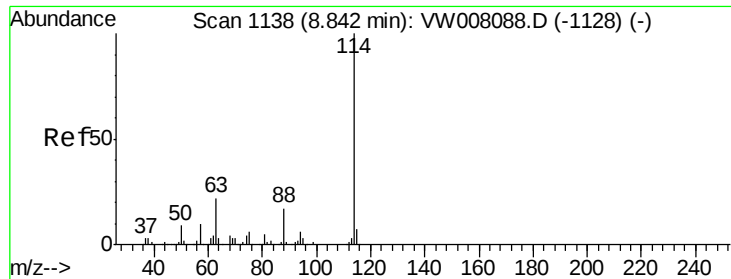
Tgt Ion: 56 Resp: 2342
Ion Ratio Lower Upper
56 100
69 154.2 26.2 39.4#
84 112.1 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 51.796 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008215.D
Acq: 12 Jan 2019 02:44

Tgt Ion: 65 Resp: 53235
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.8

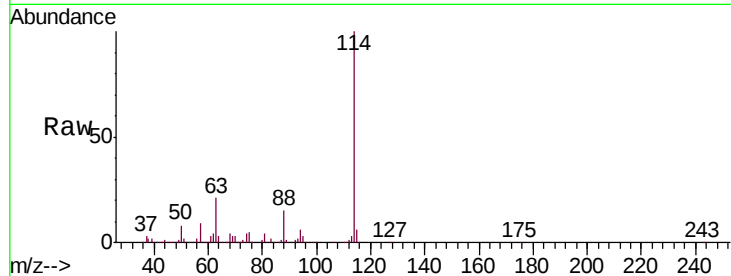




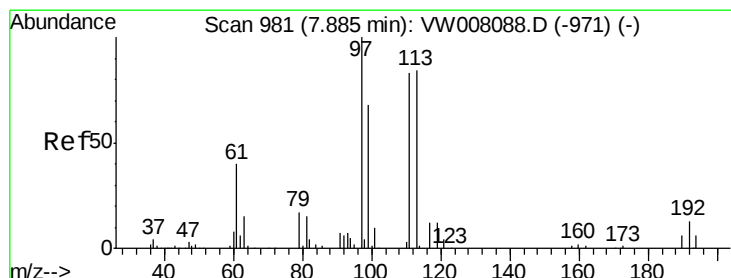
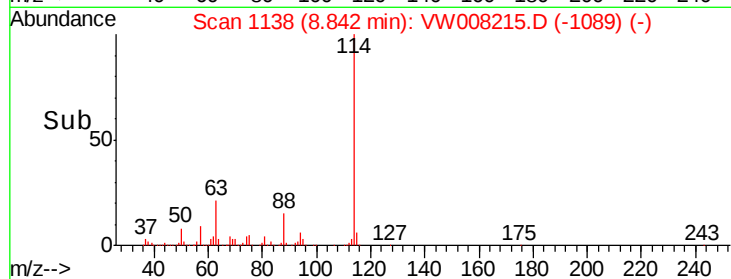
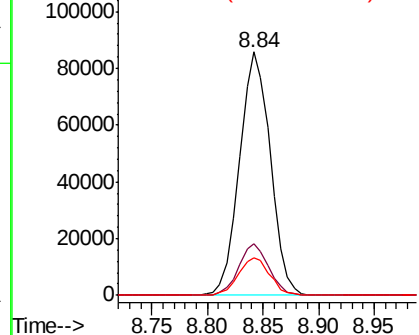
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008215.D
 Acq: 12 Jan 2019 02:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL02

Tgt Ion:114 Resp: 165142
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 15.2 0.0 33.4

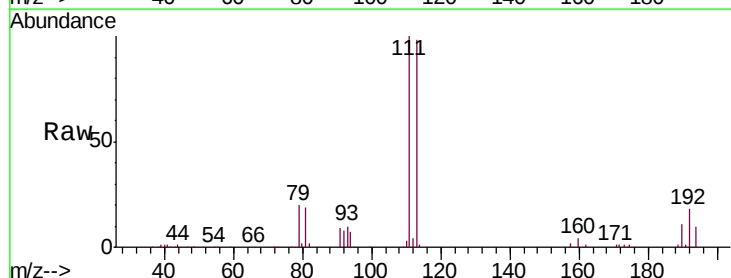


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

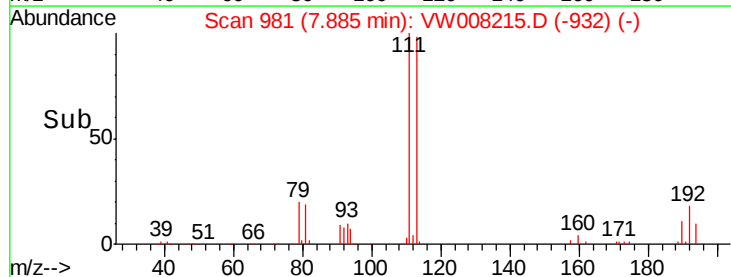
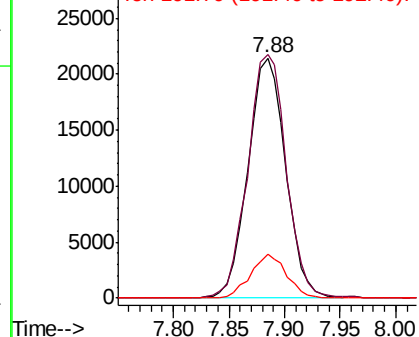


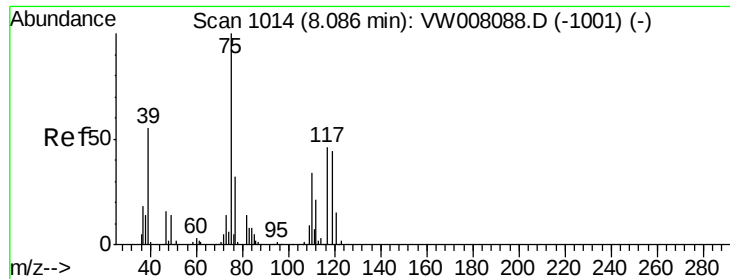
#35
 Dibromofluoromethane
 Concen: 52.493 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008215.D
 Acq: 12 Jan 2019 02:44

Tgt Ion:113 Resp: 50560
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 17.5 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

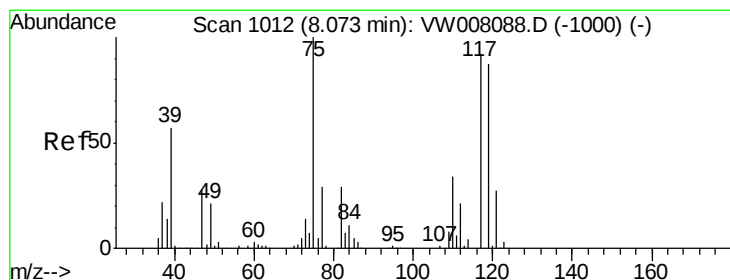
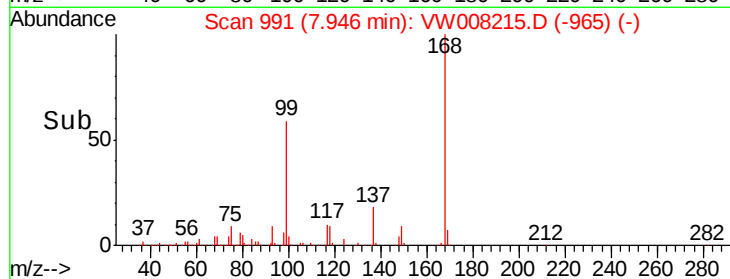
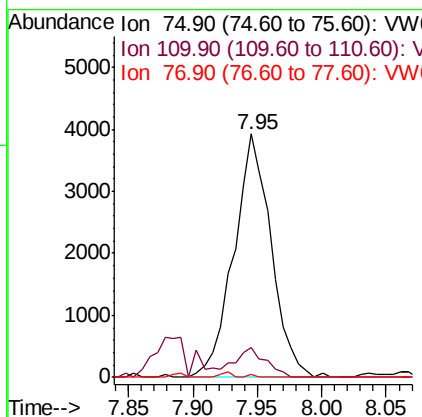
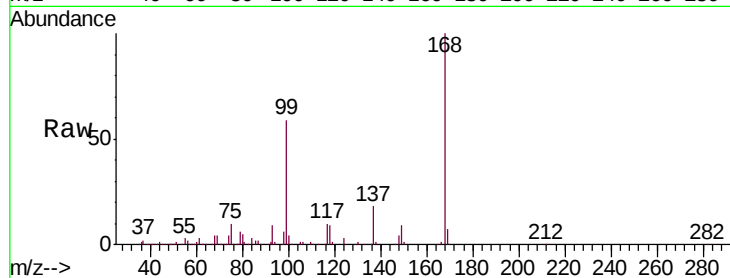




#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008215.D
 Acq: 12 Jan 2019 02:44

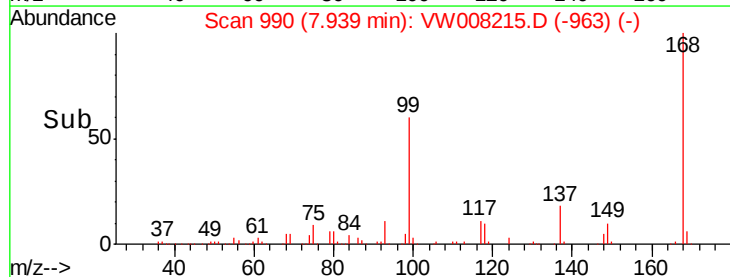
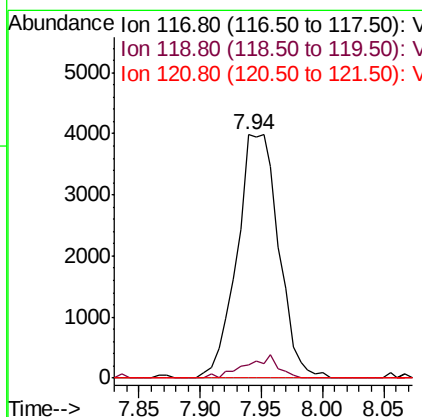
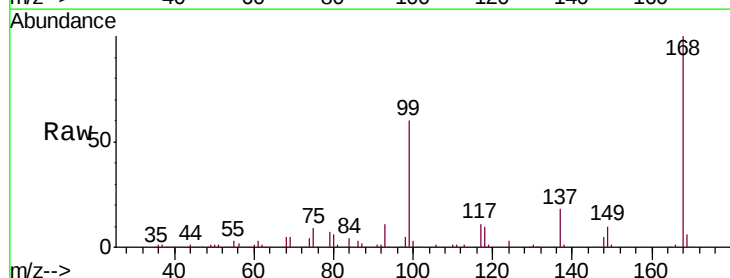
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL02

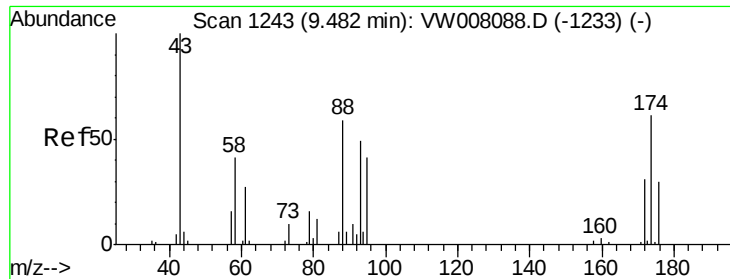
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.3#
77	0.2	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.062 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW008215.D
 Acq: 12 Jan 2019 02:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	23.7	35.5#





#49

1,4-Dioxane

Concen: 2.103 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.04 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :
MSVOA_W
ClientSampled :
VW0111SBL02

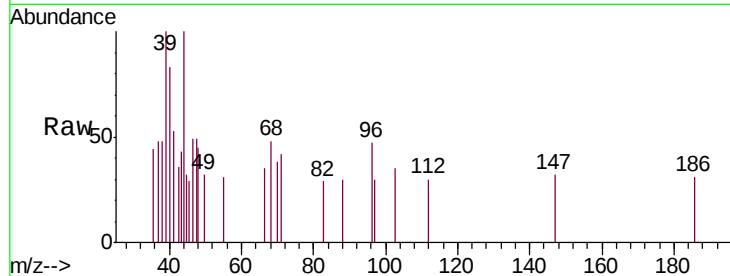
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

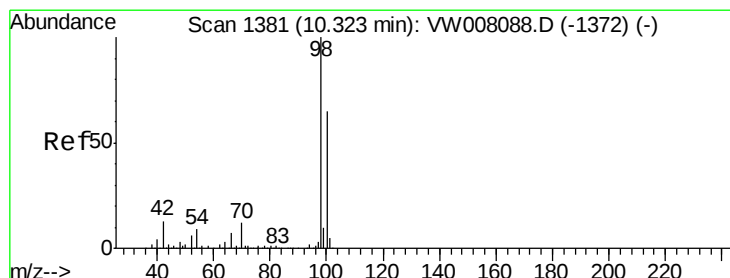
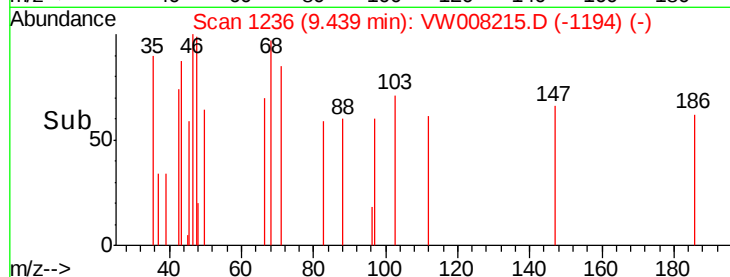
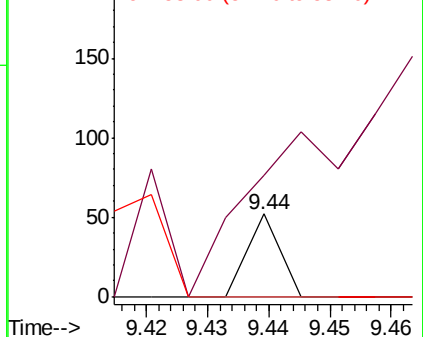
88 100

43 152.6 0.0 0.0#

58 226.3 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: 51.580 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008215.D

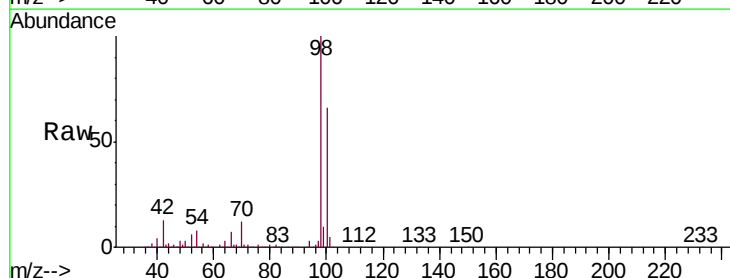
Acq: 12 Jan 2019 02:44

Tgt Ion: 98 Resp: 208480

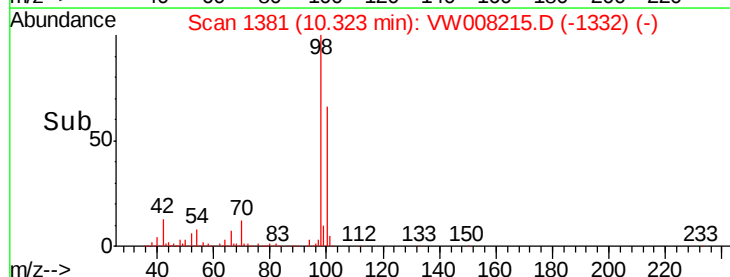
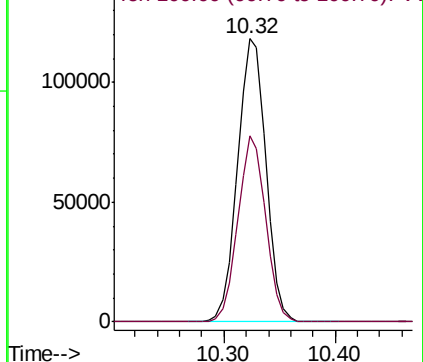
Ion Ratio Lower Upper

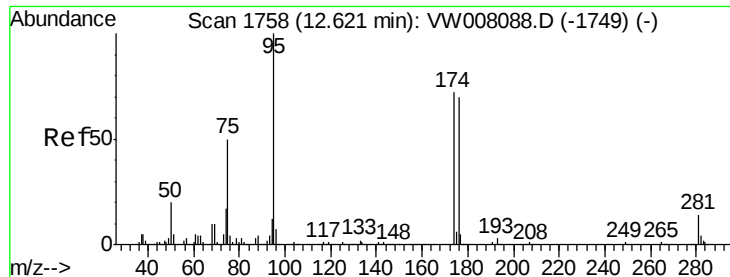
98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL02

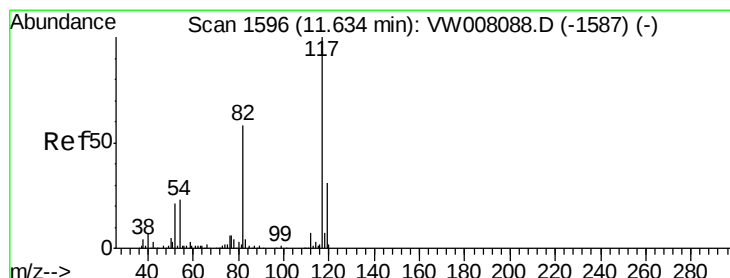
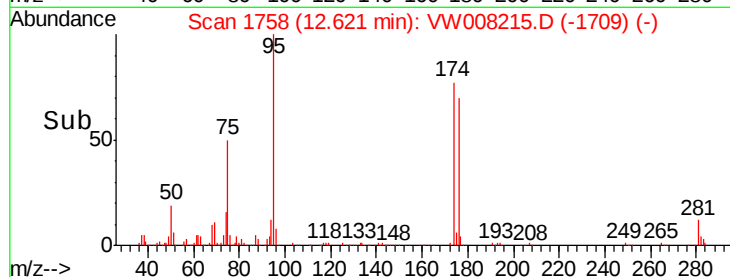
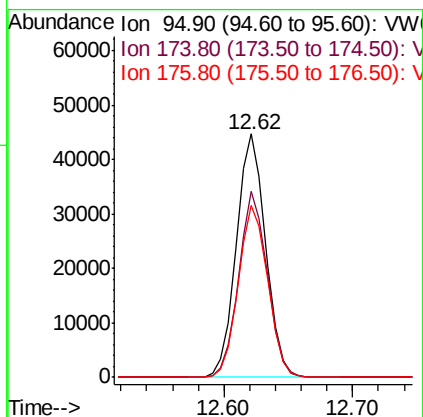
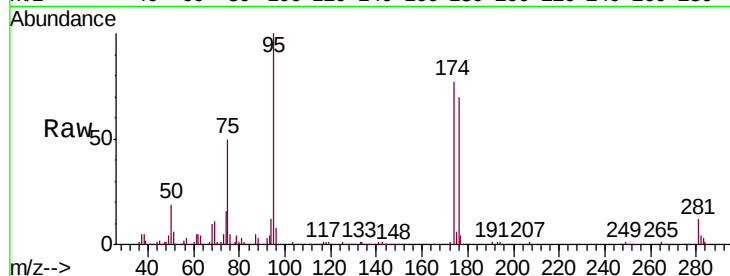
Tgt Ion: 95 Resp: 70115

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.0

176 70.9 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: VW008215.D

Acq: 12 Jan 2019 02:44

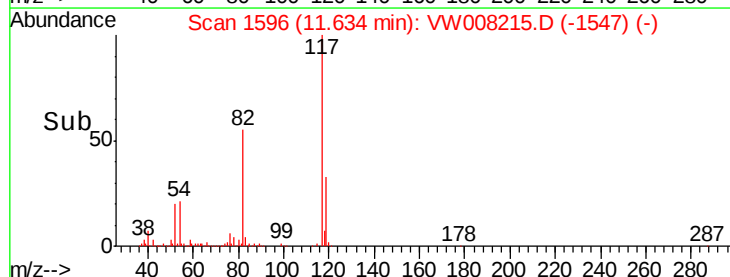
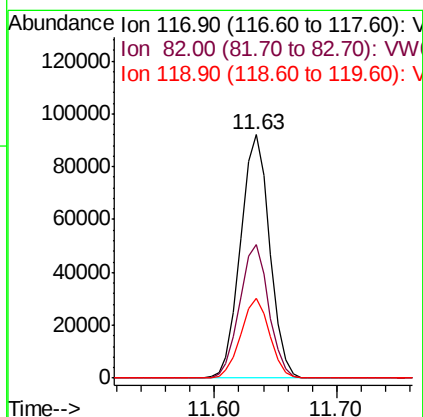
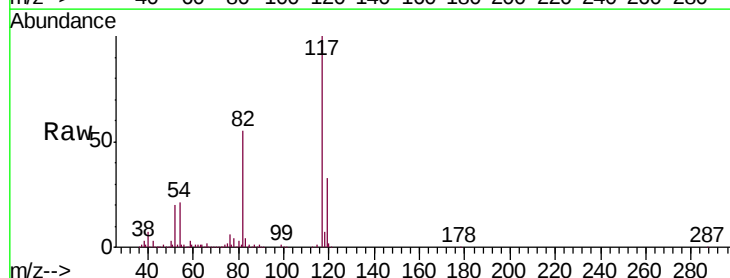
Tgt Ion: 117 Resp: 152311

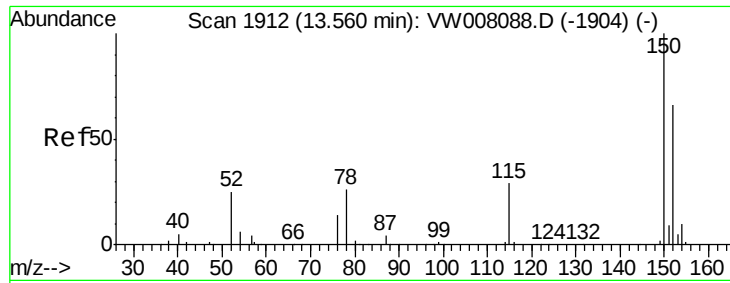
Ion Ratio Lower Upper

117 100

82 54.9 46.4 69.6

119 32.6 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL02

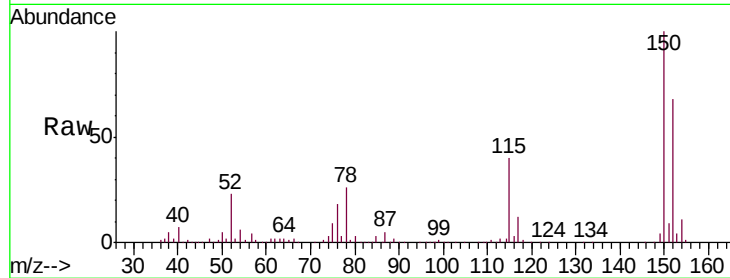
Tgt Ion:152 Resp: 67690

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

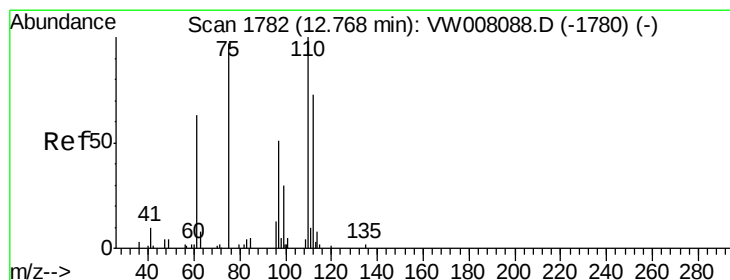
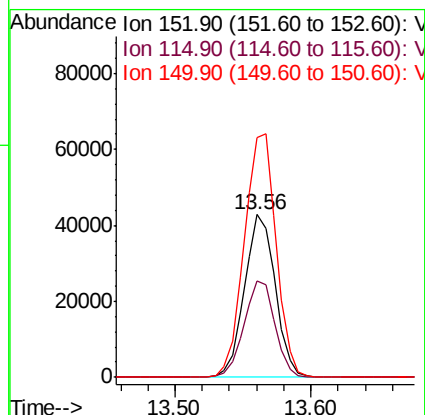
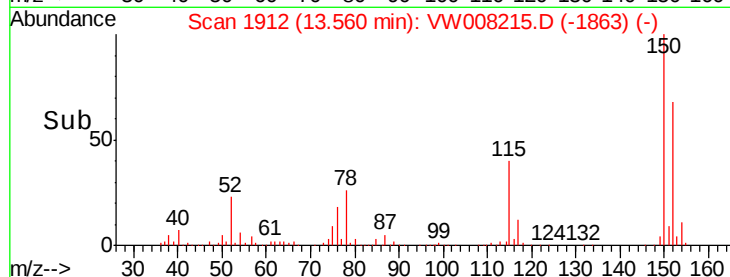
150 155.2 0.0 350.2



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: 55.187 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008215.D

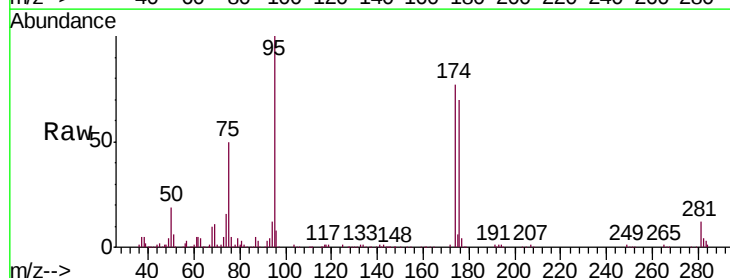
Acq: 12 Jan 2019 02:44

Tgt Ion: 75 Resp: 34054

Ion Ratio Lower Upper

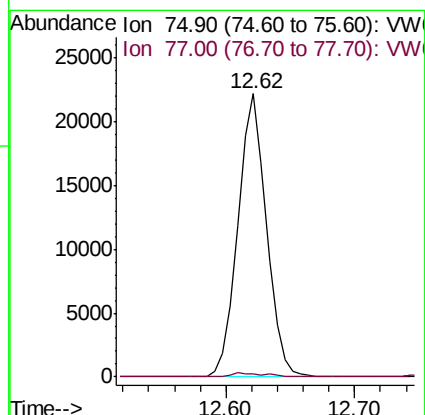
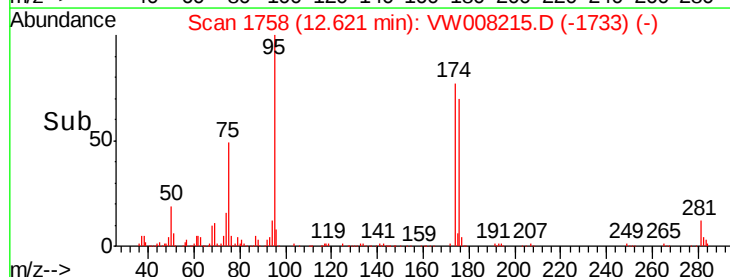
75 100

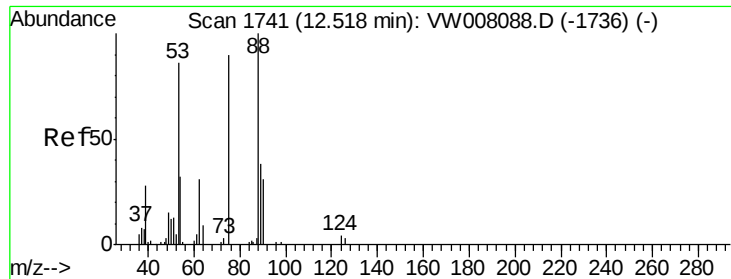
77 1.7 179.4 538.2#



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: 128.513 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL02

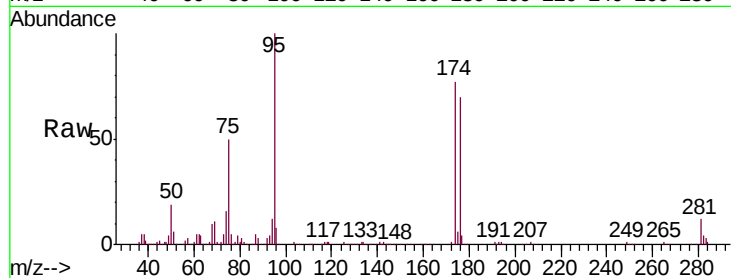
Tgt Ion: 75 Resp: 34054

Ion Ratio Lower Upper

75 100

53 0.3 78.8 118.2#

89 0.5 35.4 53.2#



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

