

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008688.D
 Acq On : 15 Feb 2019 16:51
 Operator : SY/VA
 Sample : K1517-01
 Misc : 6.65G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:35:11 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	355866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	537173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	474257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	205329	55.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.00%	
35) Dibromofluoromethane	7.88	113	173257	51.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.88%	
50) Toluene-d8	10.32	98	639114	49.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	226770	46.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.64%	

Target Compounds

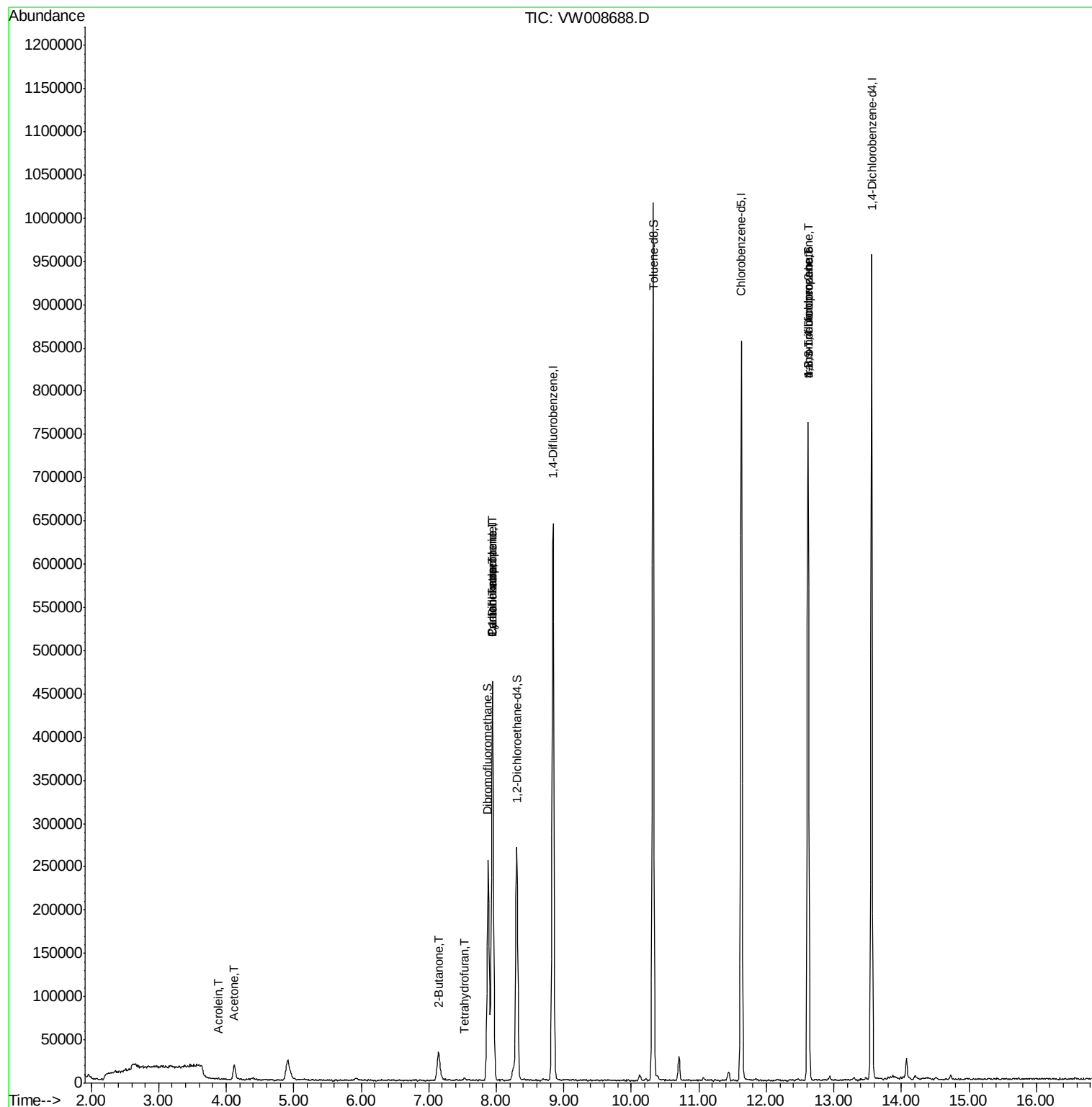
					Qvalue	
13) Acrolein	3.88	56	369	1.210	ug/l #	71
16) Acetone	4.12	43	28871	34.293	ug/l	95
20) Methylene Chloride	4.90	84	22517	Below Cal		86
25) 2-Butanone	7.15	43	1590	1.337	ug/l #	61
29) Tetrahydrofuran	7.52	42	1184	1.511	ug/l #	75
31) Cyclohexane	7.94	56	7616	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	26426	4.897	ug/l #	51
38) Carbon Tetrachloride	7.95	117	33733	6.286	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	119933	51.080	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	119933	109.465	ug/l #	7

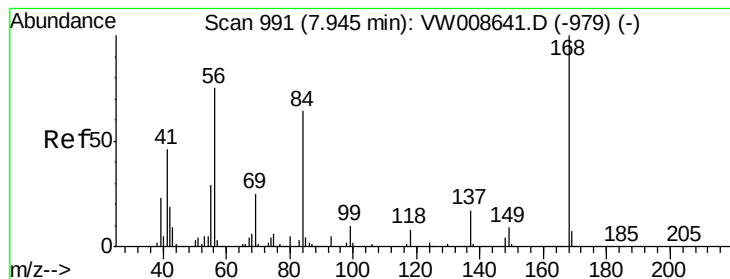
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008688.D
Acq On : 15 Feb 2019 16:51
Operator : SY/VA
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Misc : 6.65G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 16 00:35:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008688.D

Acq: 15 Feb 2019 16:51

Instrument :

MSVOA_W

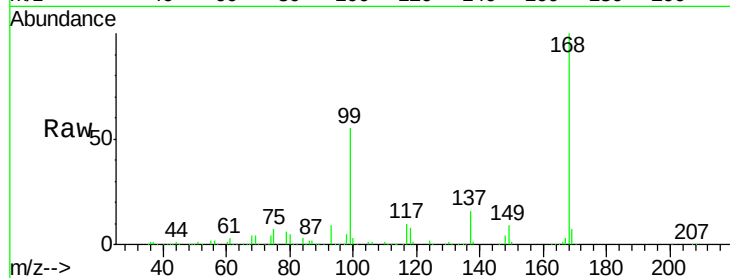
ClientSampled :

Tot Ion:168 Resp: 355866

Ion Ratio Lower Upper

168 100

99 54.8 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

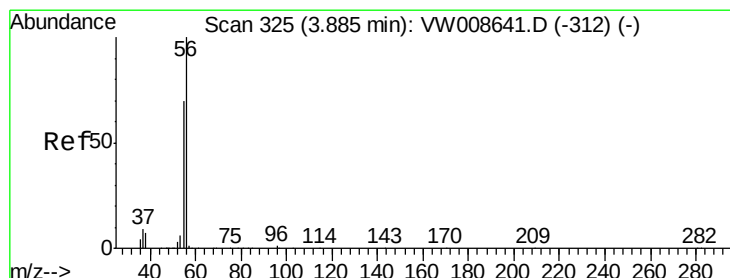
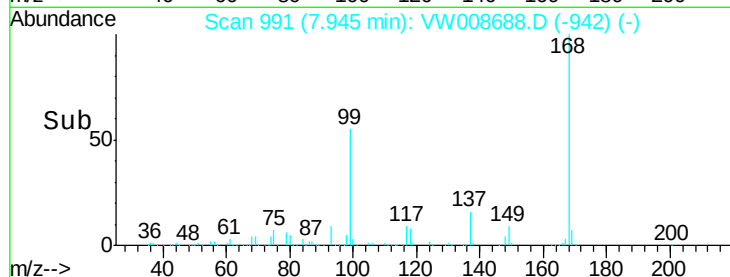
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 1.210 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008688.D

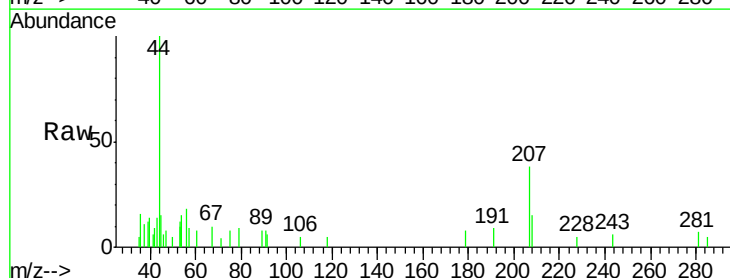
Acq: 15 Feb 2019 16:51

Tgt Ion: 56 Resp: 369

Ion Ratio Lower Upper

56 100

55 48.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

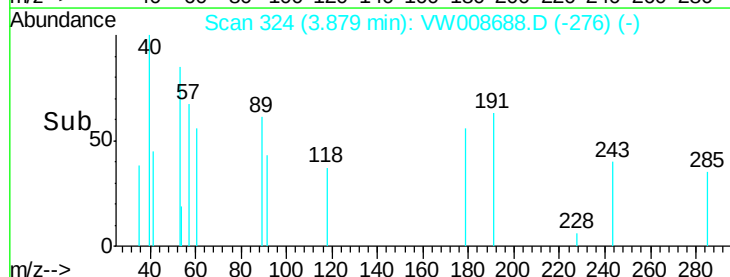
300

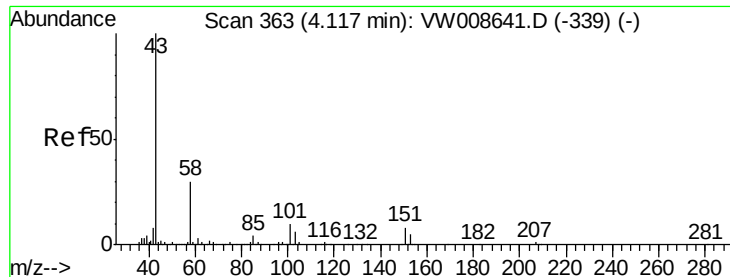
200

100

0

Time-->

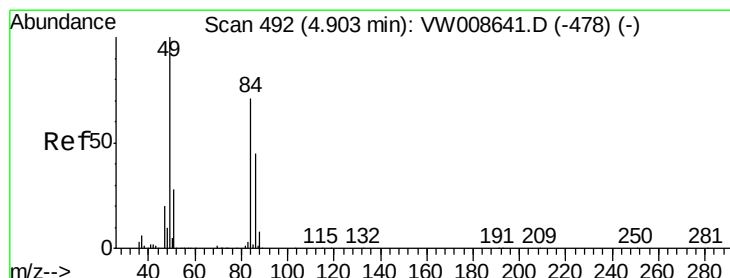
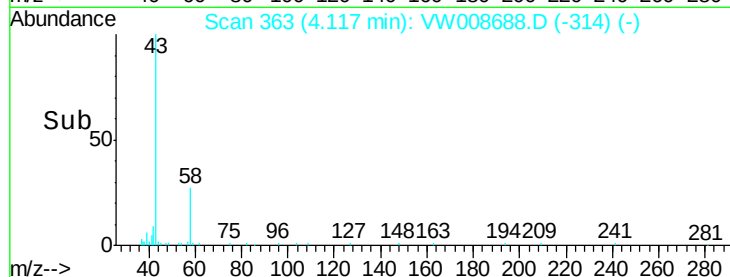
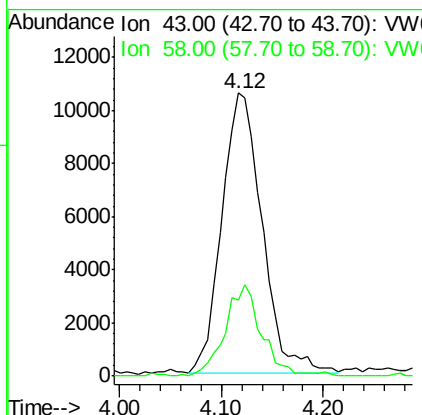
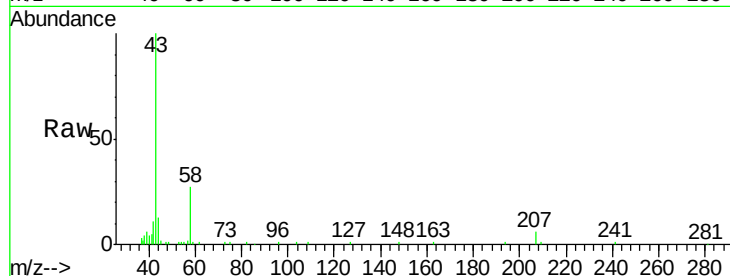




#16
Acetone
Concen: 34.293 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW008688.D
Acq: 15 Feb 2019 16:51

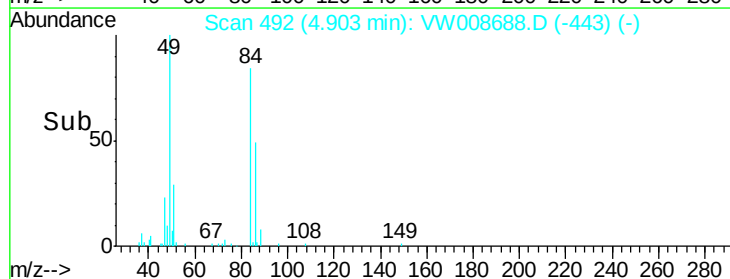
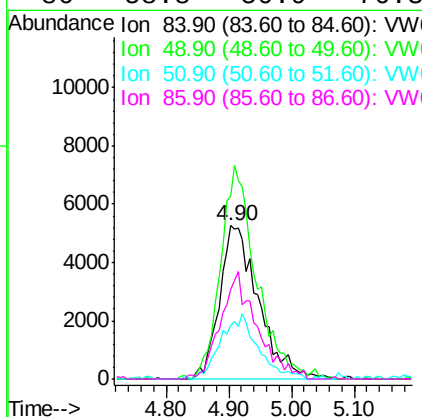
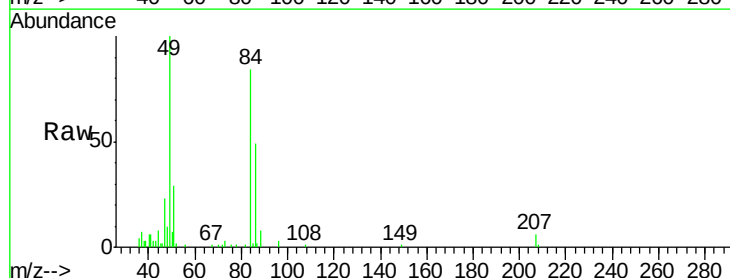
Instrument :
MSVOA_W
ClientSampleId :

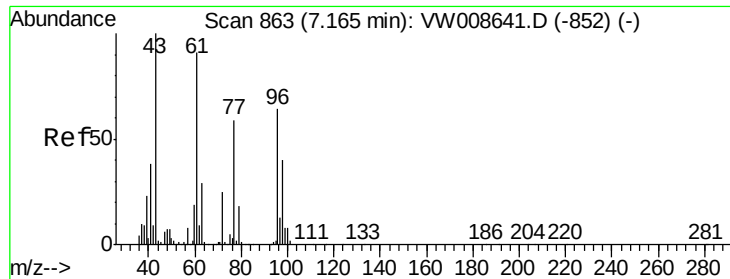
Tot Ion: 43 Resp: 28871
Ion Ratio Lower Upper
43 100
58 27.4 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008688.D
Acq: 15 Feb 2019 16:51

Tgt Ion: 84 Resp: 22517
Ion Ratio Lower Upper
84 100
49 119.4 113.3 169.9
51 33.7 32.1 48.1
86 58.8 50.9 76.3





#25

2-Butanone

Concen: 1.337 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

Instrument :

MSVOA_W

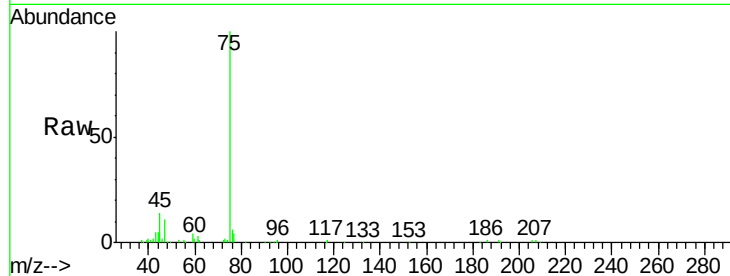
ClientSampled :

Tot Ion: 43 Resp: 1590

Ion Ratio Lower Upper

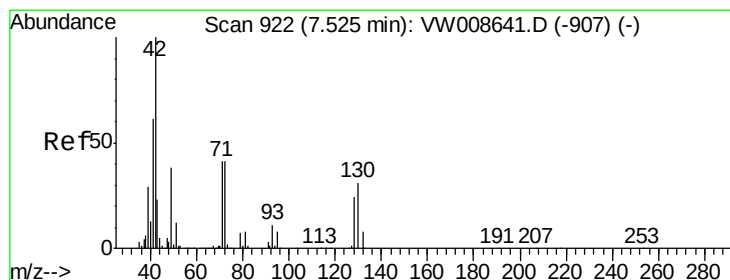
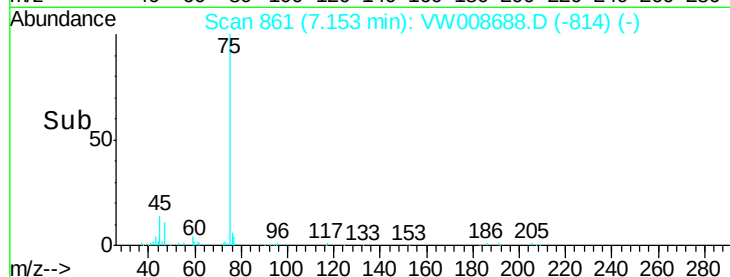
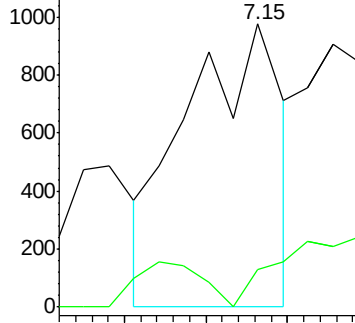
43 100

72 5.1 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.511 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

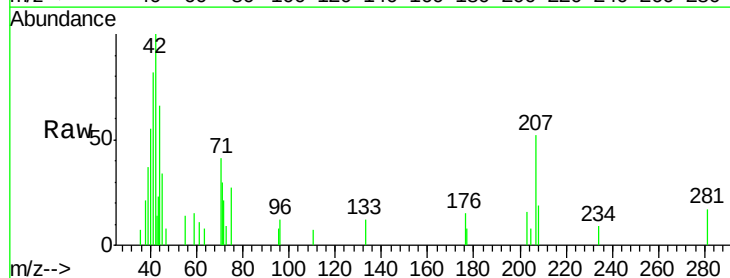
Tgt Ion: 42 Resp: 1184

Ion Ratio Lower Upper

42 100

72 48.6 32.2 48.2#

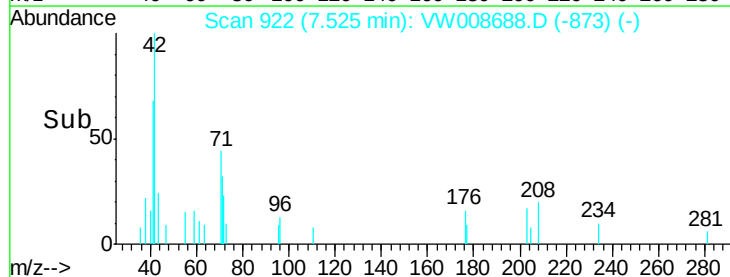
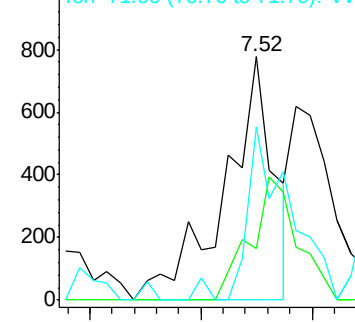
71 61.3 31.0 46.6#

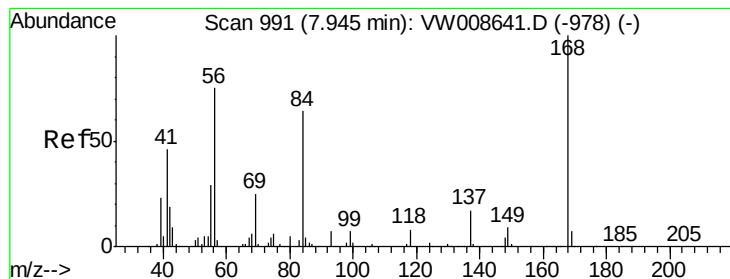


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.126 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

Instrument :

MSVOA_W

ClientSampleId :

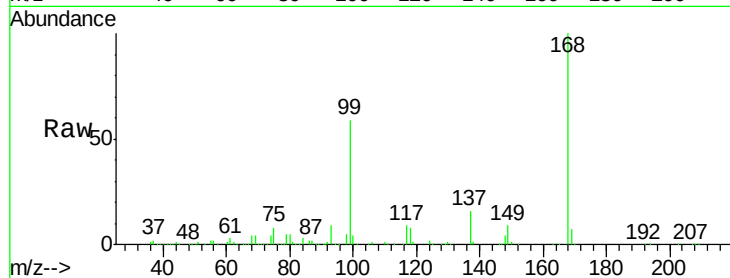
Tot Ion: 56 Resp: 7616

Ion Ratio Lower Upper

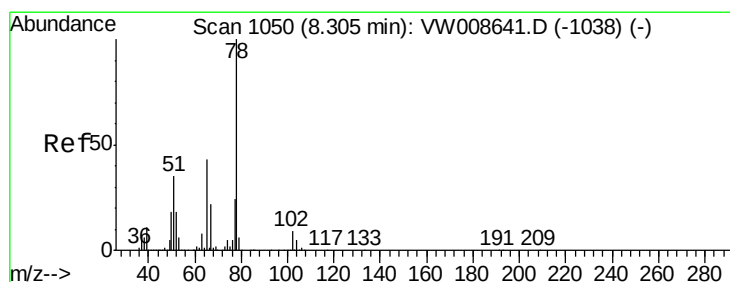
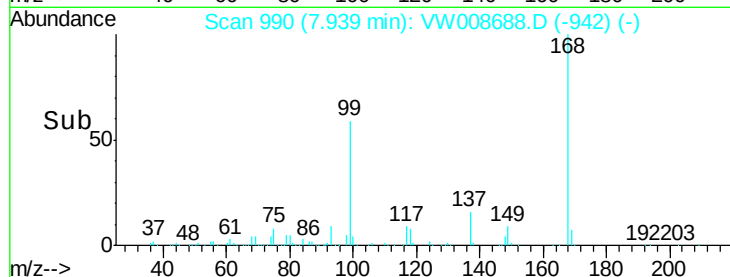
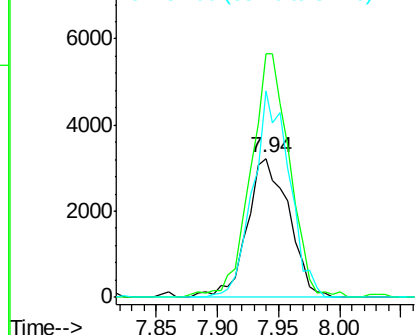
56 100

69 172.5 26.4 39.6#

84 148.9 67.4 101.2#



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: 55.499 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008688.D

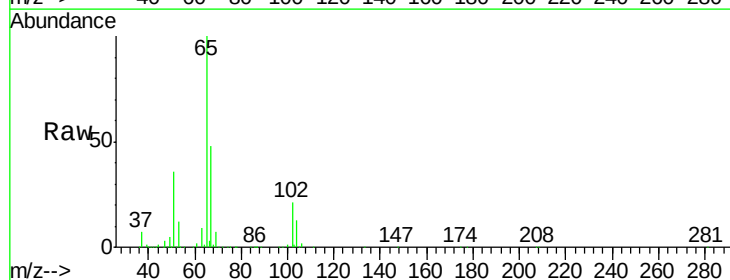
Acq: 15 Feb 2019 16:51

Tgt Ion: 65 Resp: 205329

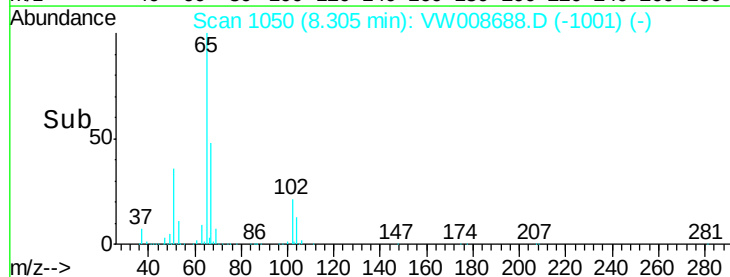
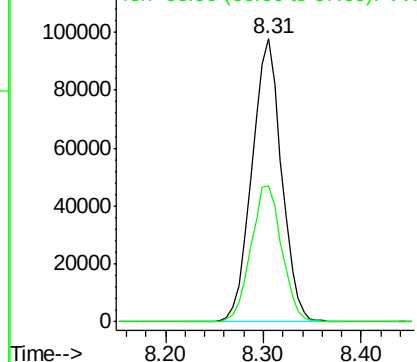
Ion Ratio Lower Upper

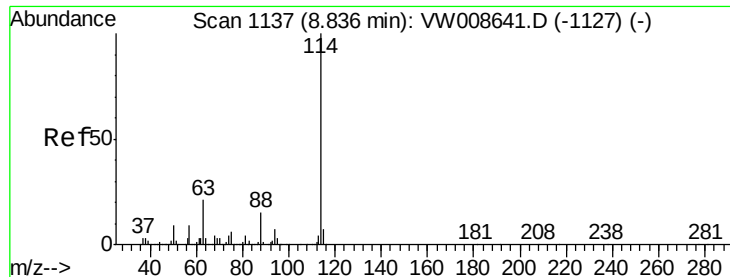
65 100

67 50.2 0.0 102.0



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

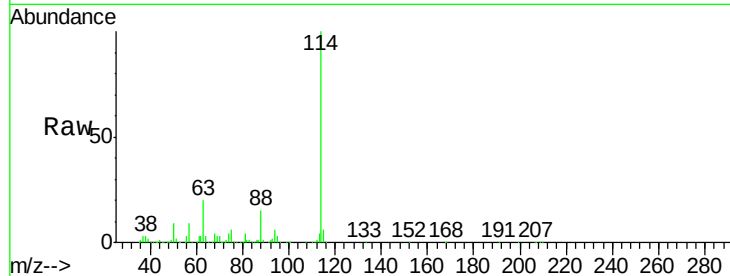




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008688.D
 Acq: 15 Feb 2019 16:51

Instrument :
 MSVOA_W
 ClientSampleId :

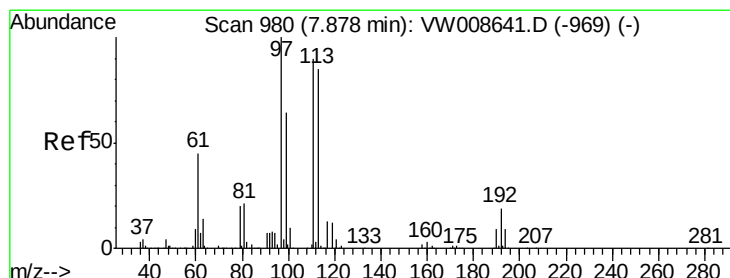
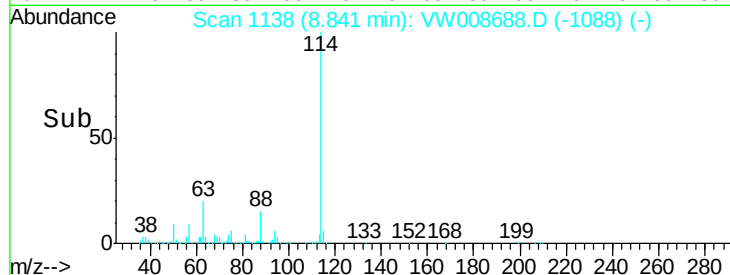
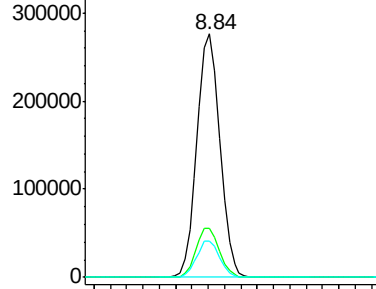
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.2
88	15.1	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

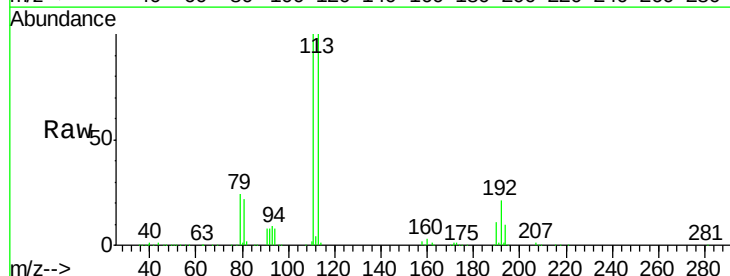
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 51.943 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008688.D
 Acq: 15 Feb 2019 16:51

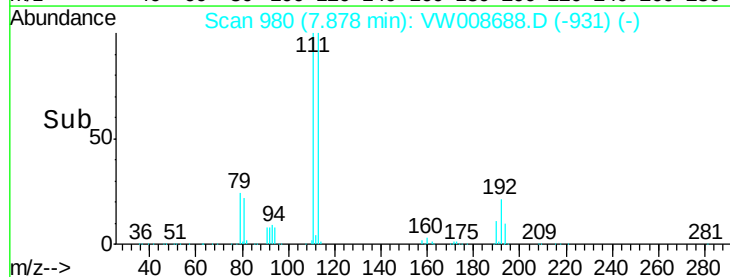
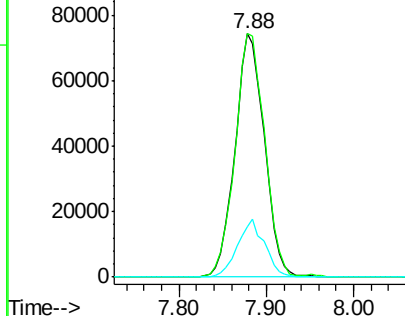
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	84.0	126.0
192	21.7	17.4	26.2

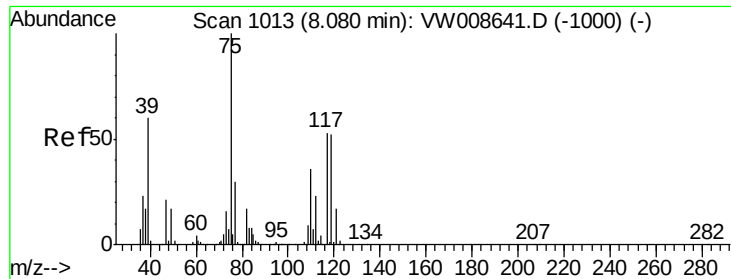


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

Instrument :

MSVOA_W

ClientSampled :

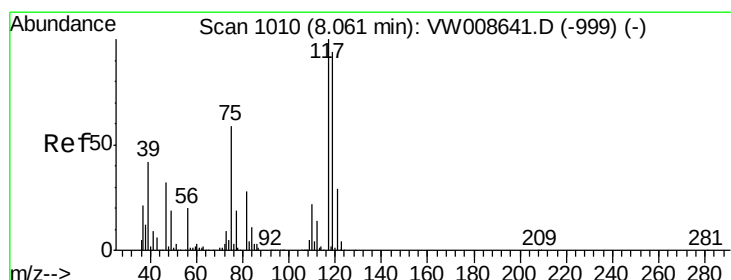
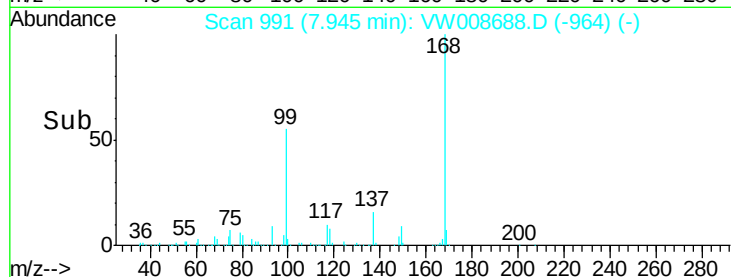
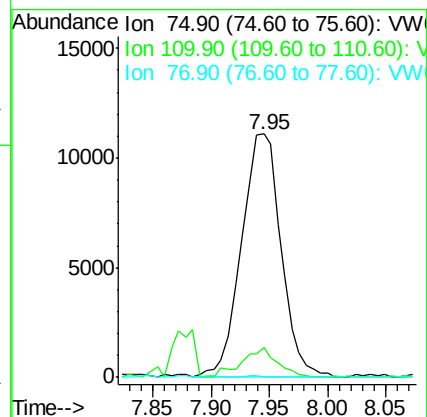
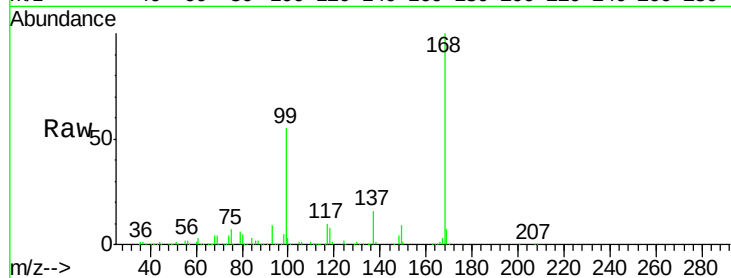
Tot Ion: 75 Resp: 26426

Ion Ratio Lower Upper

75 100

110 10.9 17.8 53.3#

77 0.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.286 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

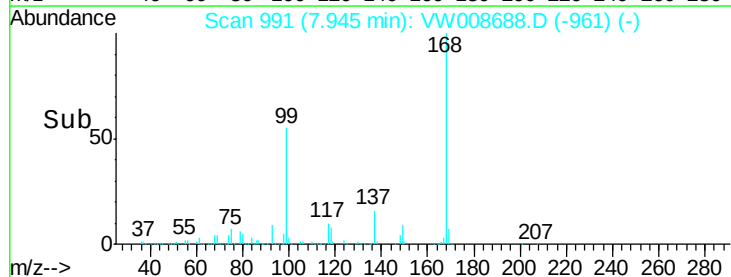
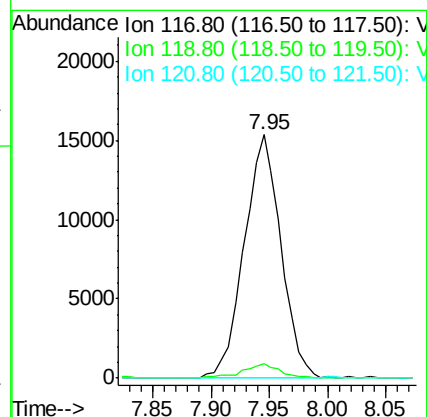
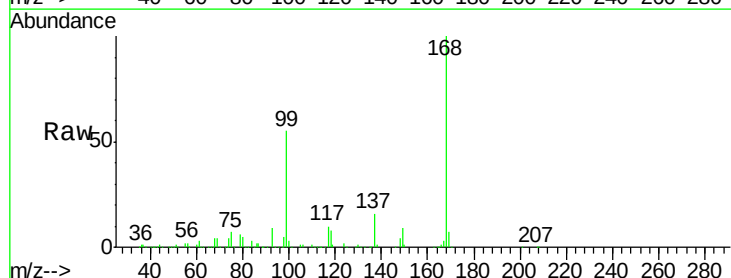
Tgt Ion: 117 Resp: 33733

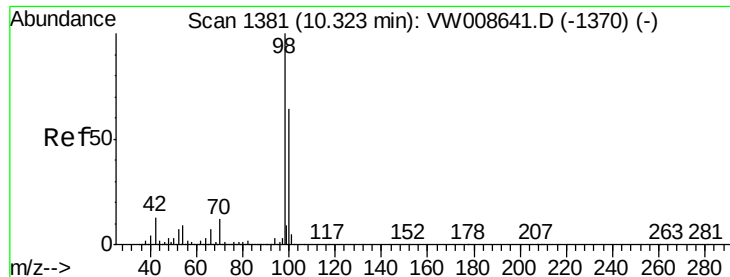
Ion Ratio Lower Upper

117 100

119 6.1 75.1 112.7#

121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 49.706 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

Instrument :

MSVOA_W

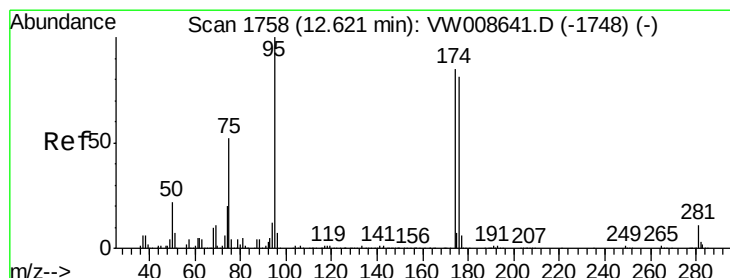
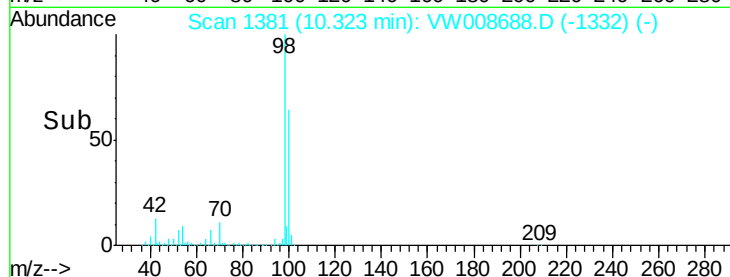
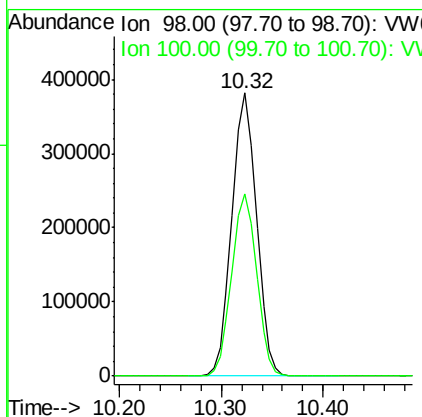
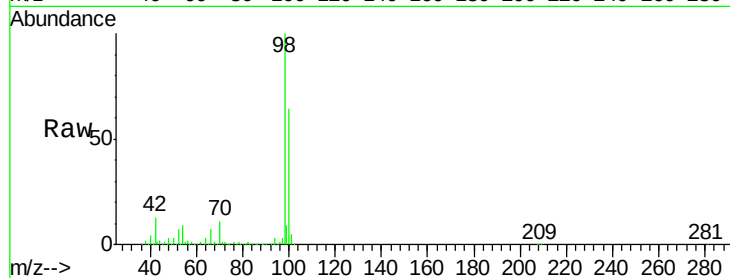
ClientSampleId :

Tot Ion: 98 Resp: 639114

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.823 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

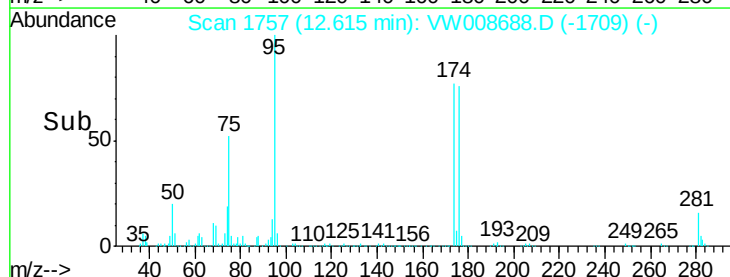
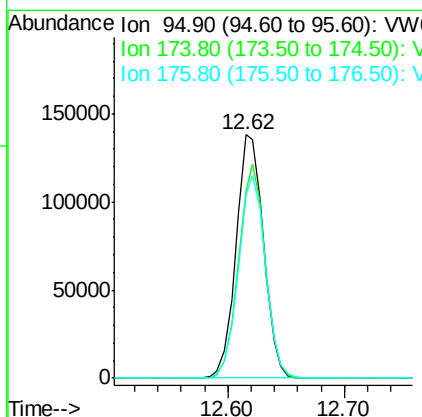
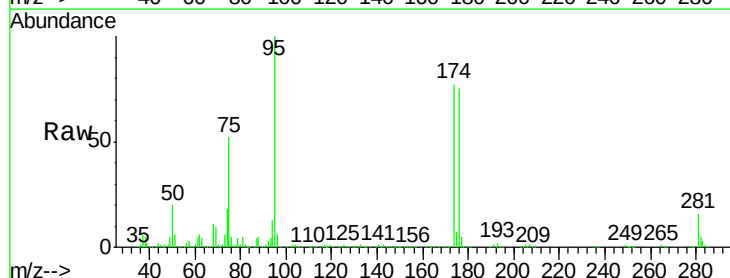
Tgt Ion: 95 Resp: 226770

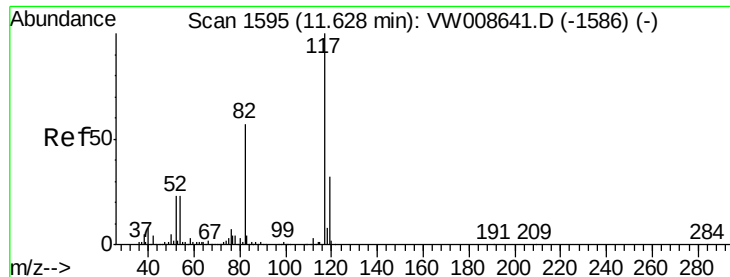
Ion Ratio Lower Upper

95 100

174 85.6 0.0 163.2

176 82.1 0.0 158.0

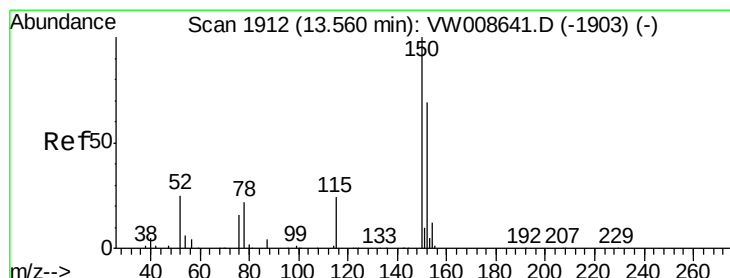
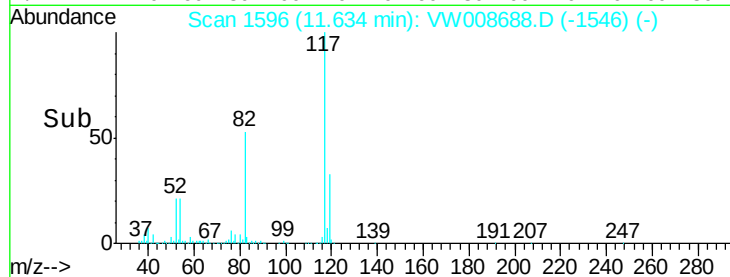
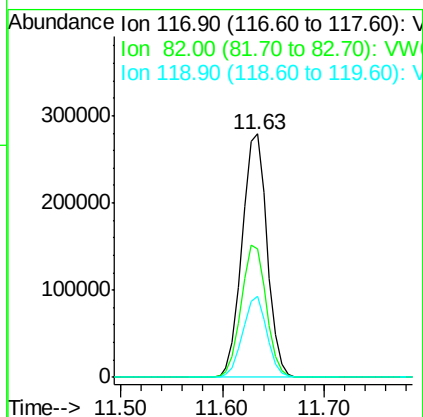
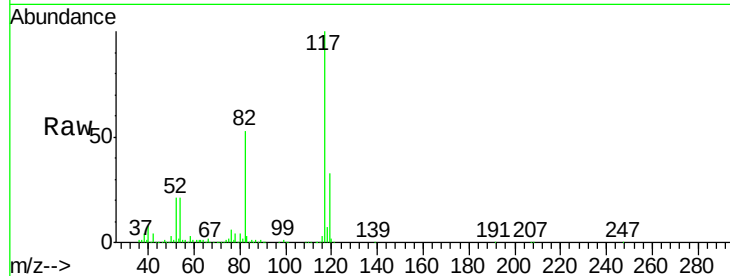




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008688.D
Acq: 15 Feb 2019 16:51

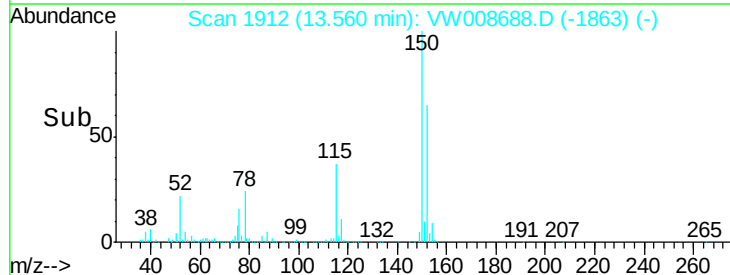
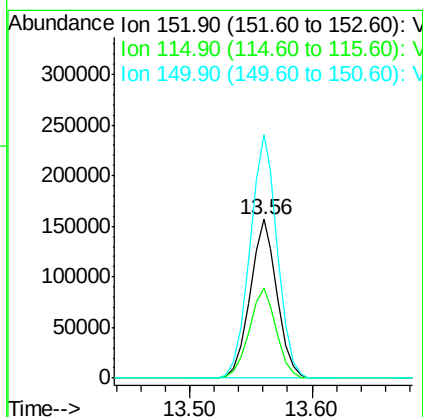
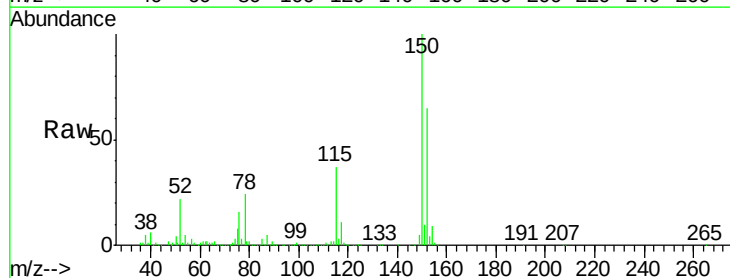
Instrument :
MSVOA_W
ClientSampleId :

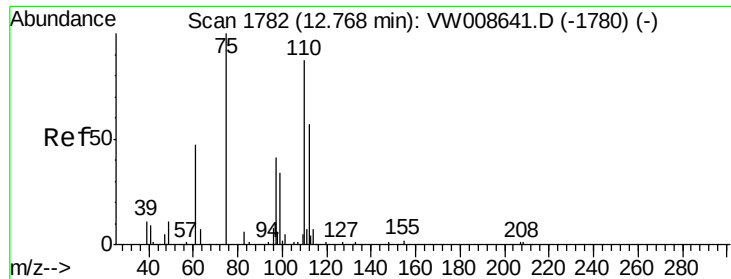
Tot Ion:117 Resp: 474257
Ion Ratio Lower Upper
117 100
82 52.5 45.6 68.4
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008688.D
Acq: 15 Feb 2019 16:51

Tgt Ion:152 Resp: 237780
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 156.8 0.0 352.8





#76

1,2,3-Trichloropropane

Concen: 51.080 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

Instrument :

MSVOA_W

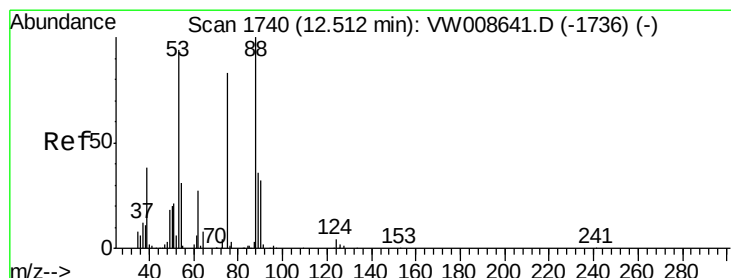
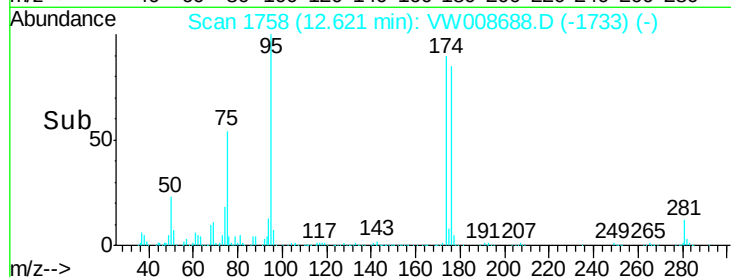
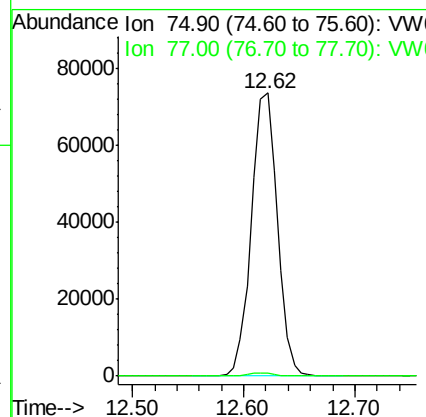
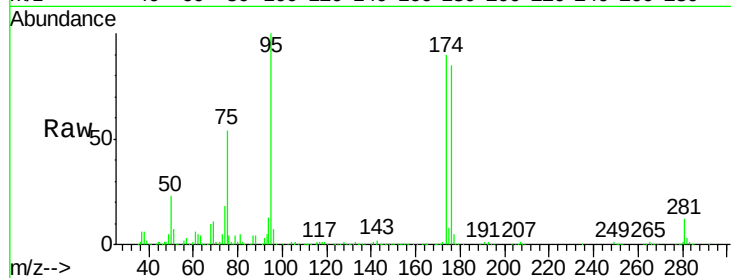
ClientSampleId :

Tot Ion: 75 Resp: 119933

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.465 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008688.D

Acq: 15 Feb 2019 16:51

Tgt Ion: 75 Resp: 119933

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.3 37.0 55.4#

