

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008680.D
 Acq On : 15 Feb 2019 13:16
 Operator : SY/VA
 Sample : K1501-01
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:33:30 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	396633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	600083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	250317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	212860	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.88	113	189240	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.32	98	710686	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.62	95	244679	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

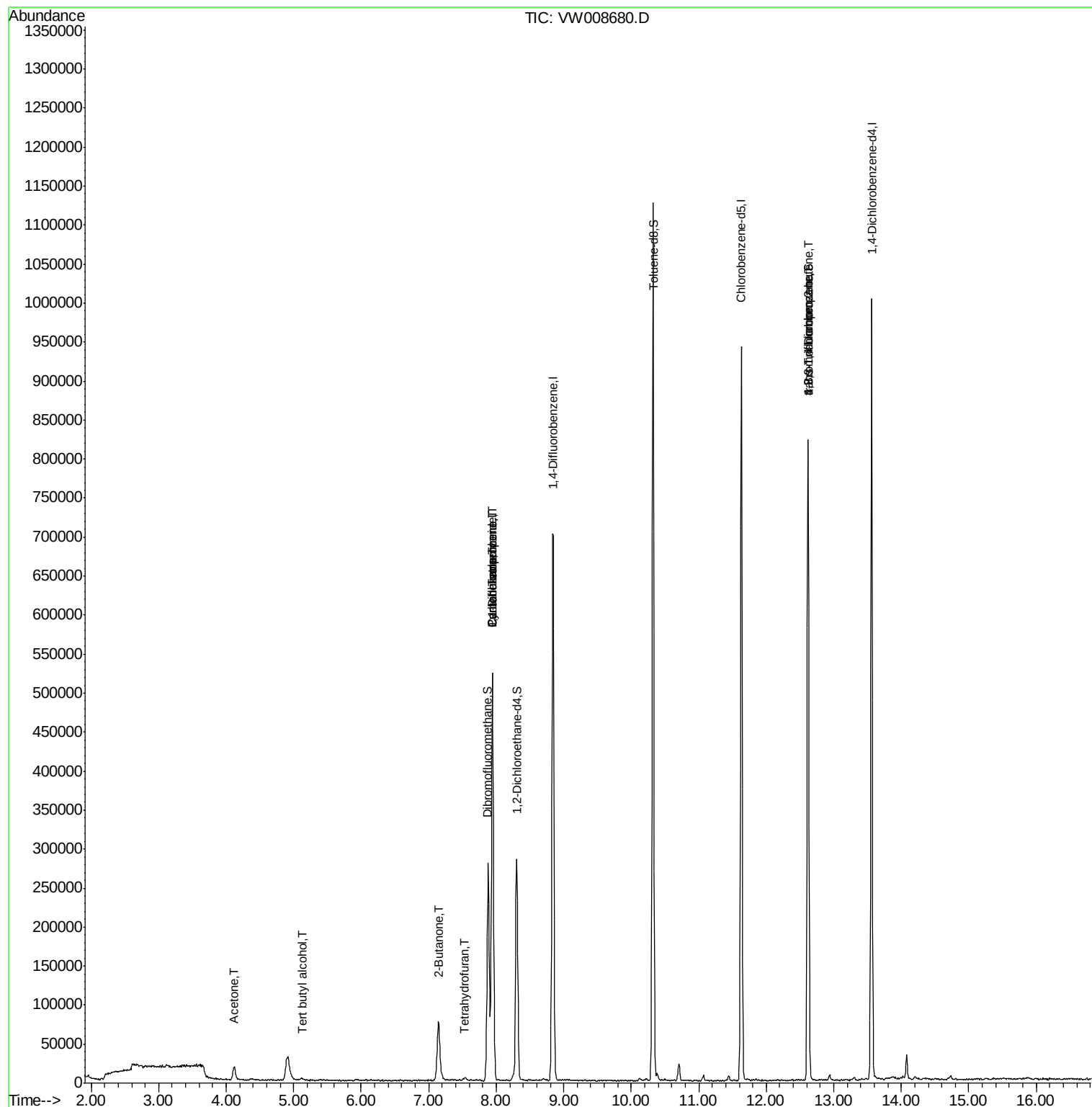
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	434	1.315	ug/l	99
16) Acetone	4.11	43	29729	31.683	ug/l	90
20) Methylene Chloride	4.92	84	28117	Below Cal		87
25) 2-Butanone	7.15	43	7037	5.311	ug/l	98
29) Tetrahydrofuran	7.53	42	3000	3.435	ug/l	94
31) Cyclohexane	7.95	56	9550	1.266	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	29064	4.821	ug/l #	49
38) Carbon Tetrachloride	7.95	117	37918	6.325	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	128975	52.180	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	128975	111.767	ug/l #	6

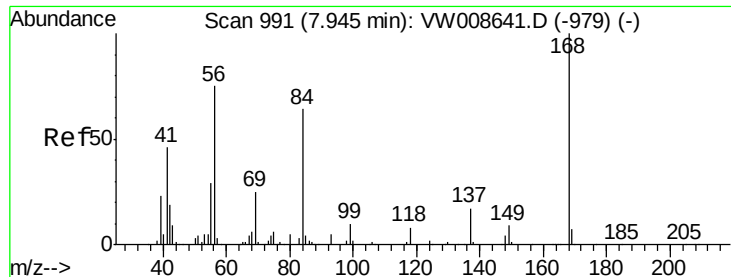
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008680.D
Acq On : 15 Feb 2019 13:16
Operator : SY/VA
Sample : K1501-01
Misc : 6.62G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 16 00:33:30 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: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :

MSVOA_W

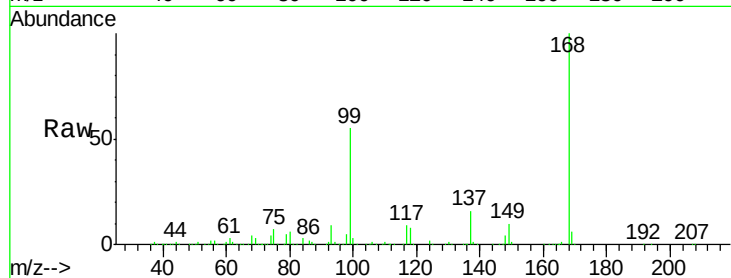
ClientSampleId :

Tot Ion:168 Resp: 396633

Ion Ratio Lower Upper

168 100

99 54.7 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

200000

150000

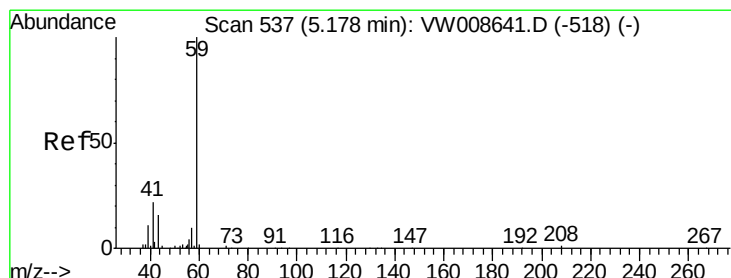
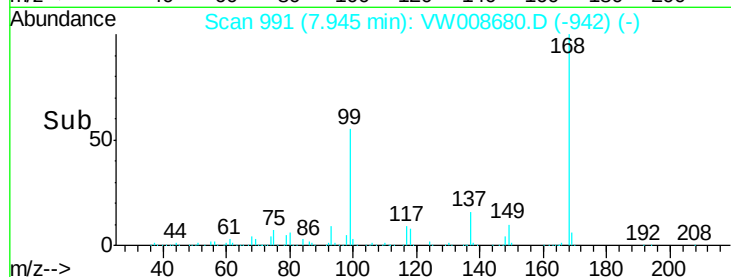
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.315 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW008680.D

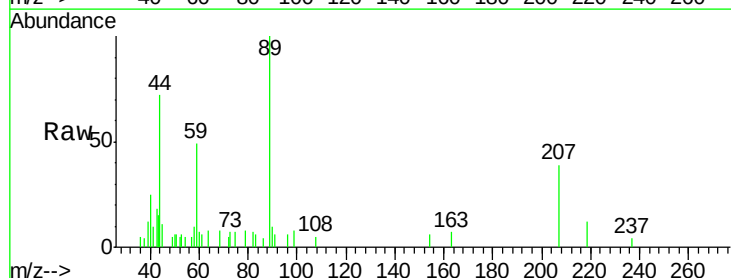
Acq: 15 Feb 2019 13:16

Tgt Ion: 59 Resp: 434

Ion Ratio Lower Upper

59 100

57 9.9 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

600

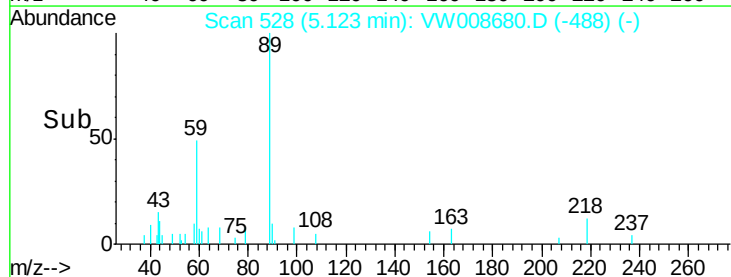
400

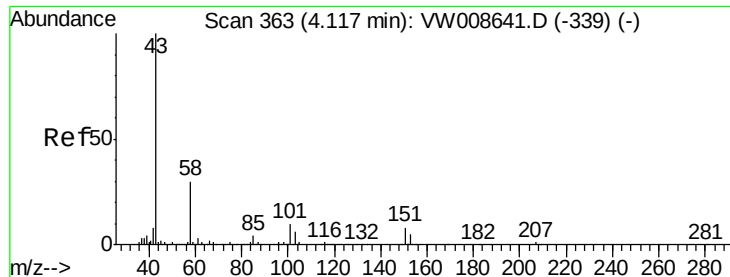
200

0

5.10 5.12 5.14 5.16

Time-->





#16

Acetone

Concen: 31.683 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :

MSVOA_W

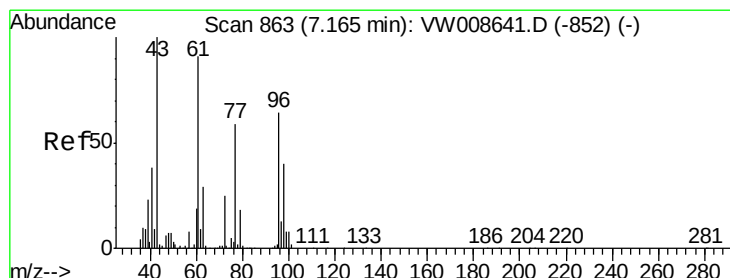
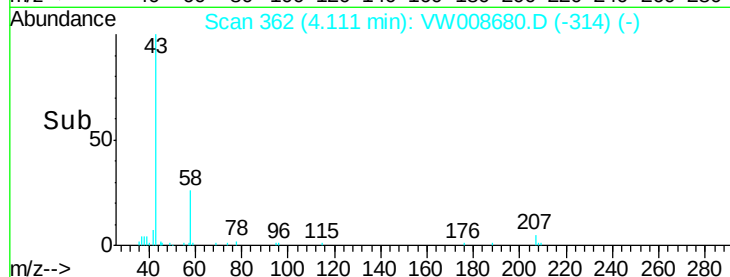
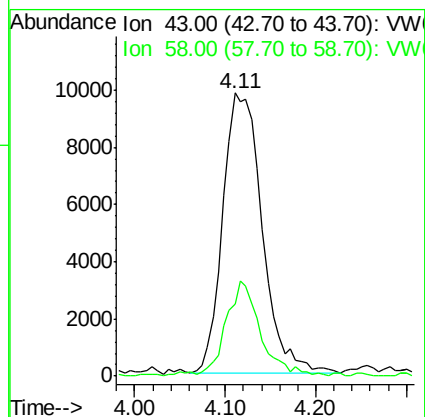
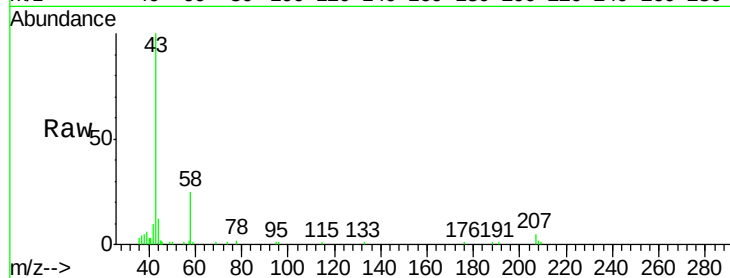
ClientSampled :

Tot Ion: 43 Resp: 29729

Ion Ratio Lower Upper

43 100

58 24.6 24.1 36.1



#25

2-Butanone

Concen: 5.311 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008680.D

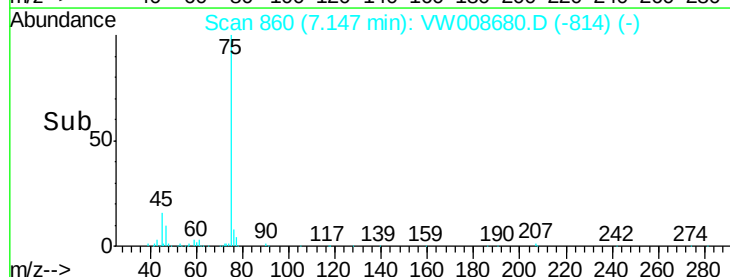
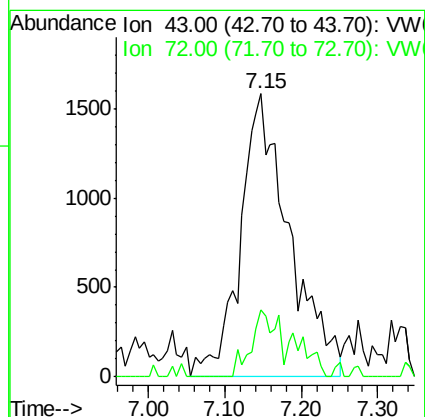
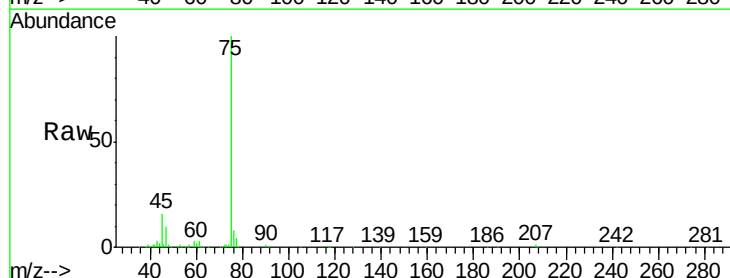
Acq: 15 Feb 2019 13:16

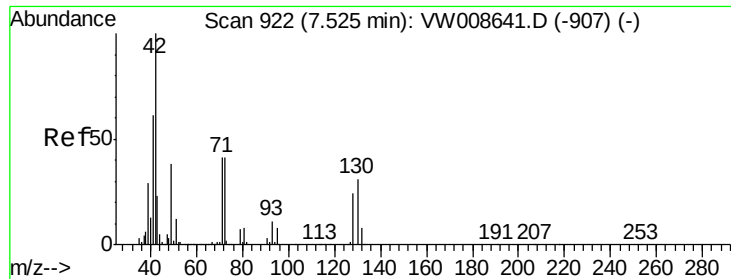
Tgt Ion: 43 Resp: 7037

Ion Ratio Lower Upper

43 100

72 23.6 19.7 29.5





#29

Tetrahydrofuran

Concen: 3.435 ug/l

RT: 7.53 min Scan# 923

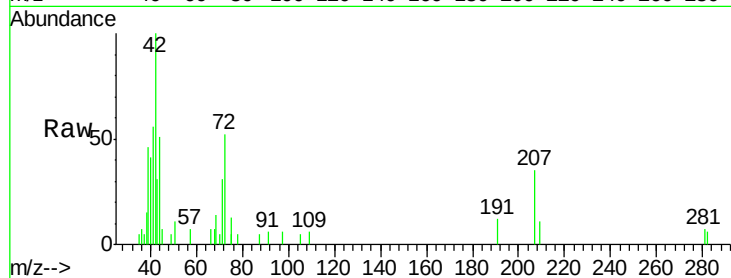
Delta R.T. 0.01 min

Lab File: VW008680.D

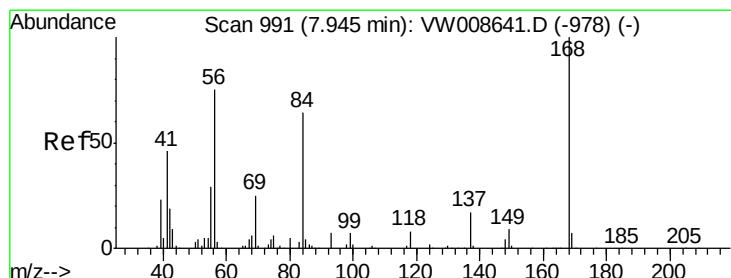
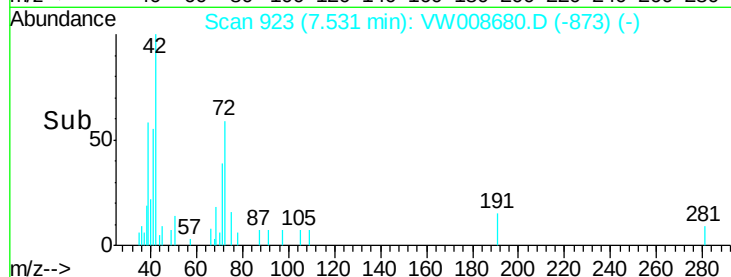
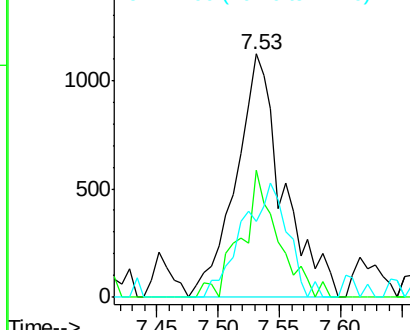
Acq: 15 Feb 2019 13:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	42	Resp:	3000
Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.2	48.2
71	45.0	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: 1.266 ug/l

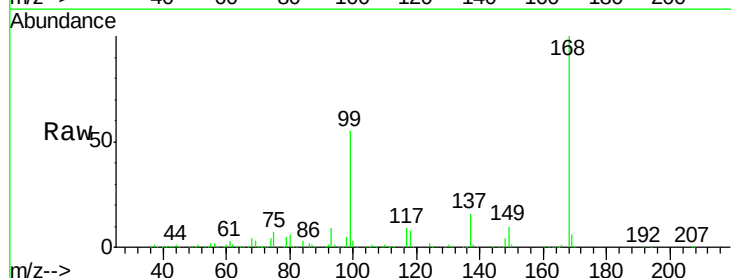
RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

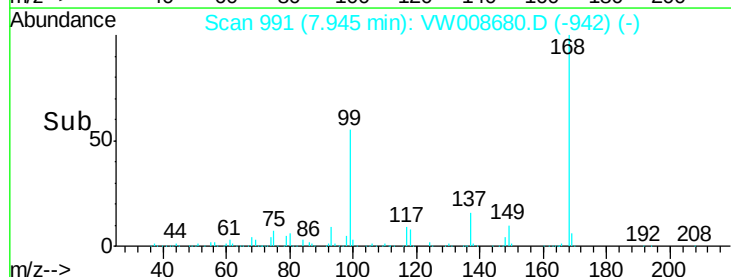
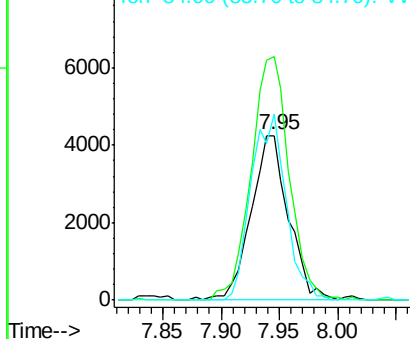
Lab File: VW008680.D

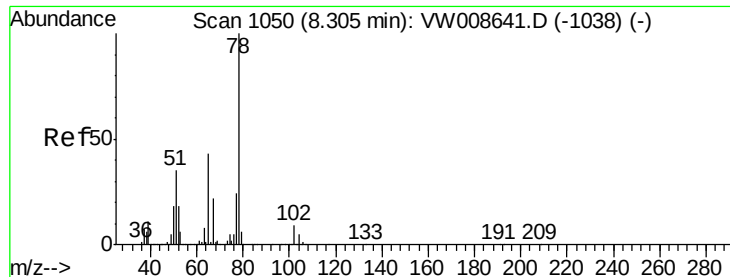
Acq: 15 Feb 2019 13:16

Tgt Ion:	56	Resp:	9550
Ion	Ratio	Lower	Upper
56	100		
69	148.0	26.4	39.6#
84	113.1	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: 51.621 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :

MSVOA_W

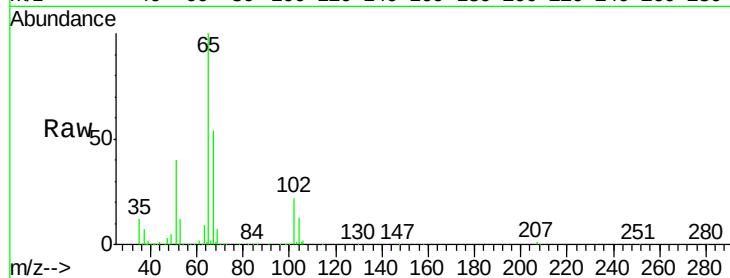
ClientSampled :

Tot Ion: 65 Resp: 212860

Ion Ratio Lower Upper

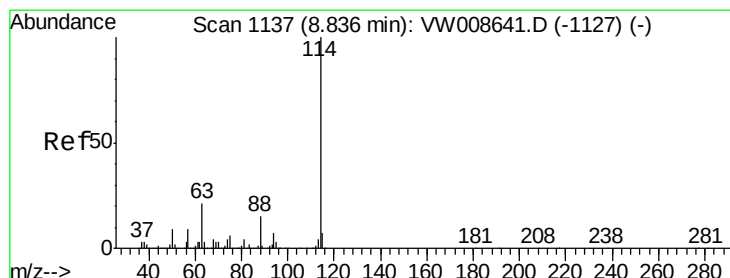
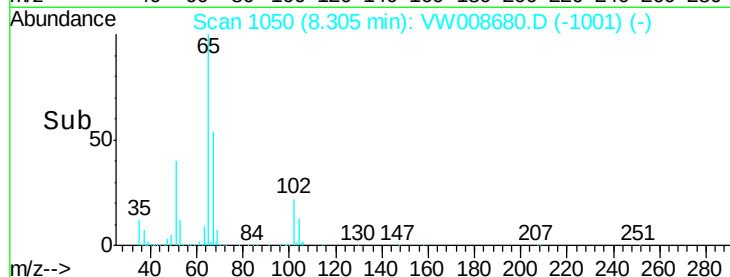
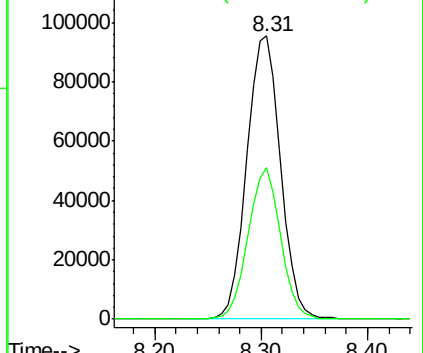
65 100

67 51.6 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: VW008680.D

Acq: 15 Feb 2019 13:16

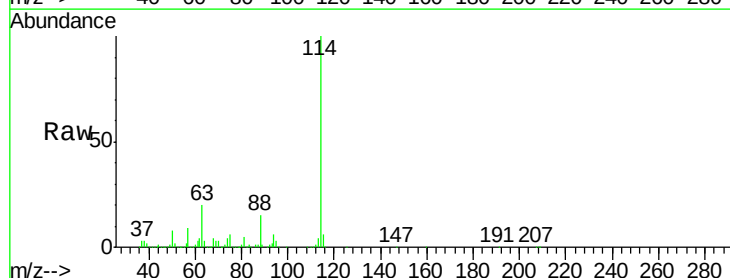
Tgt Ion: 114 Resp: 600083

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

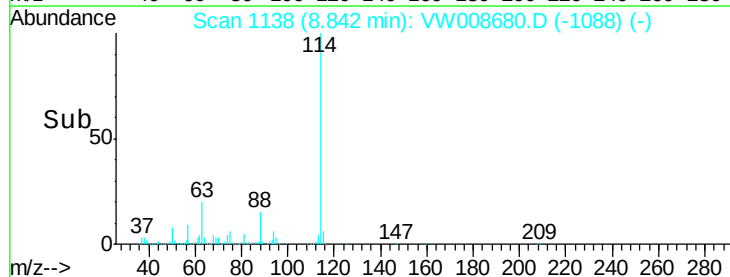
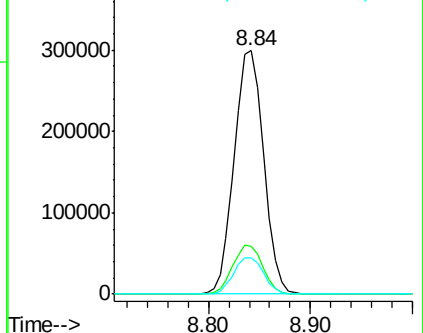
88 15.0 0.0 29.6

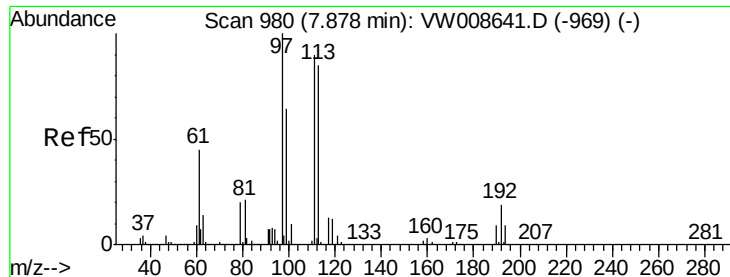


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.787 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :
MSVOA_W
ClientSampleId :

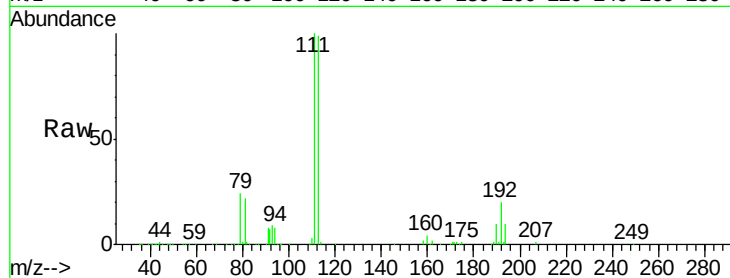
Tot Ion:113 Resp: 189240

Ion Ratio Lower Upper

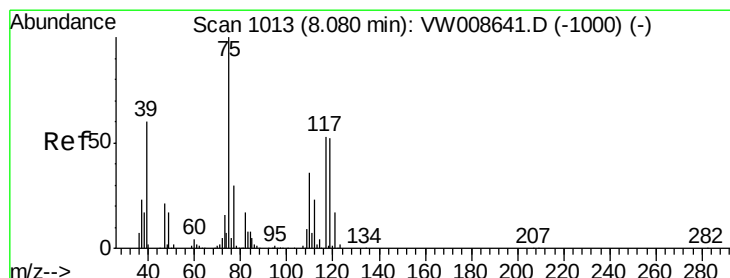
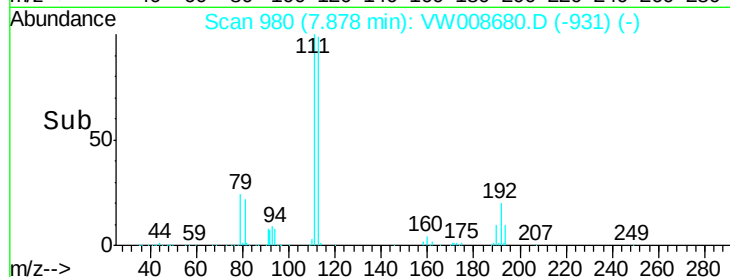
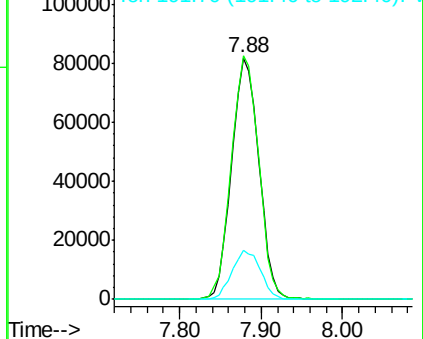
113 100

111 101.1 84.0 126.0

192 21.1 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: 4.821 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008680.D

Acq: 15 Feb 2019 13:16

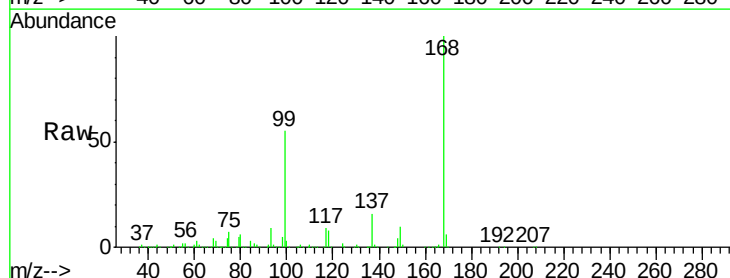
Tgt Ion: 75 Resp: 29064

Ion Ratio Lower Upper

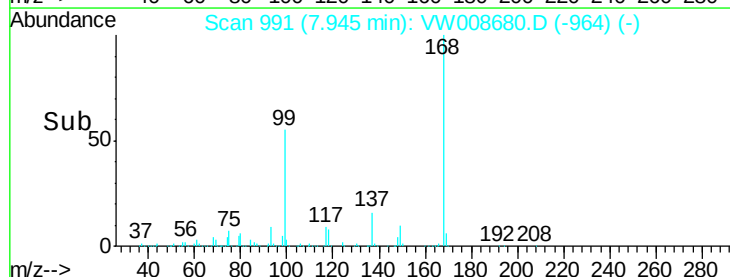
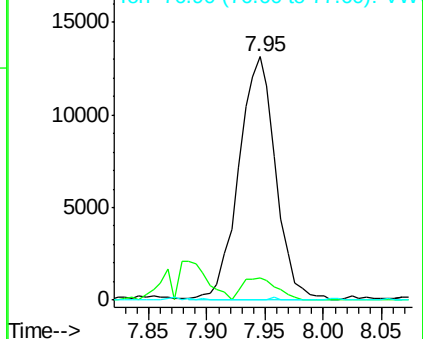
75 100

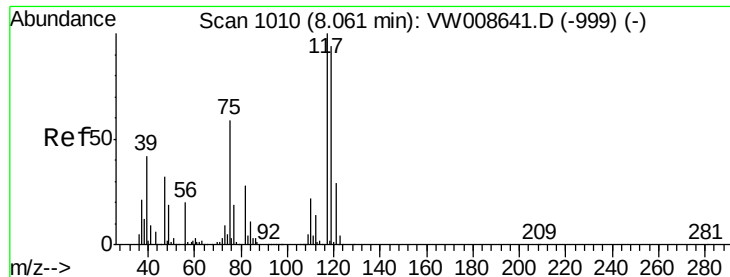
110 8.5 17.8 53.3#

77 0.3 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

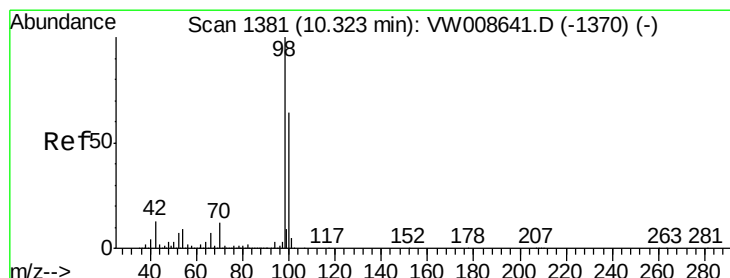
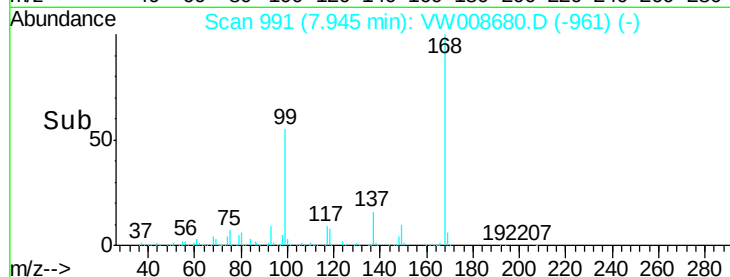
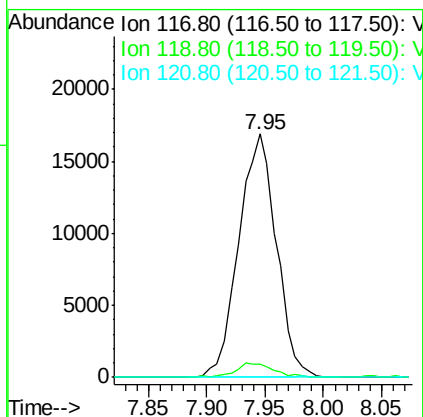
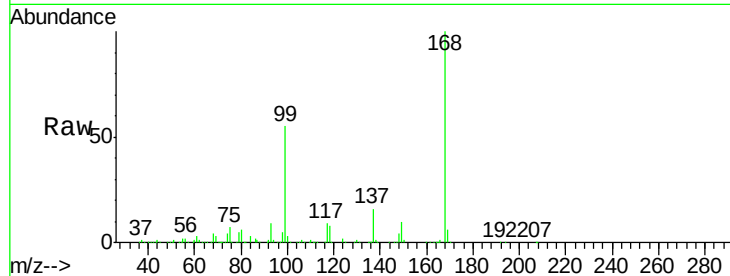




#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008680.D
Acq: 15 Feb 2019 13:16

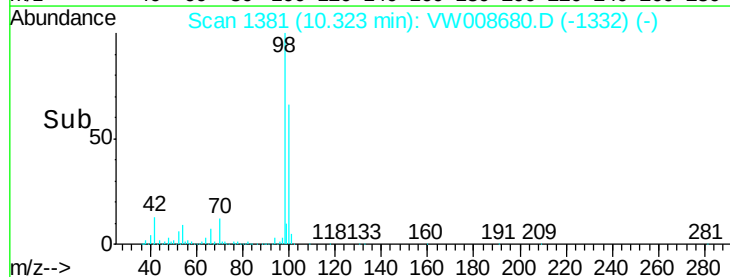
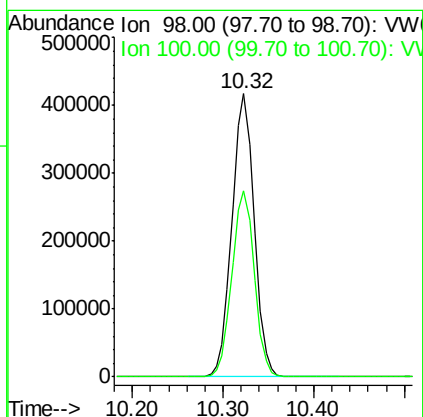
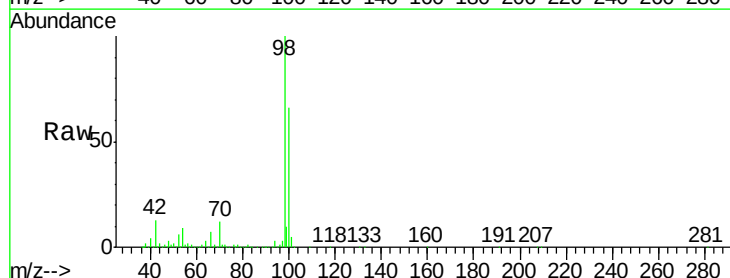
Instrument :
MSVOA_W
ClientSampleId :

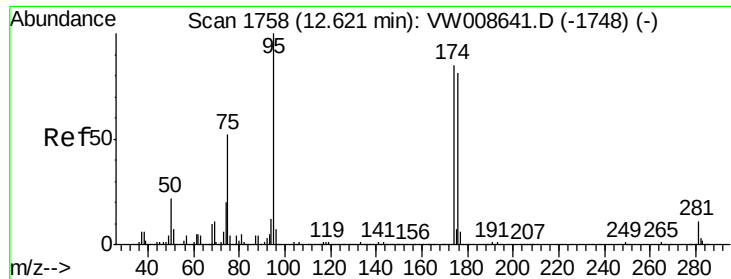
Tot Ion:117 Resp: 37918
Ion Ratio Lower Upper
117 100
119 5.4 75.1 112.7#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 49.477 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008680.D
Acq: 15 Feb 2019 13:16

Tgt Ion: 98 Resp: 710686
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :

MSVOA_W

ClientSampled :

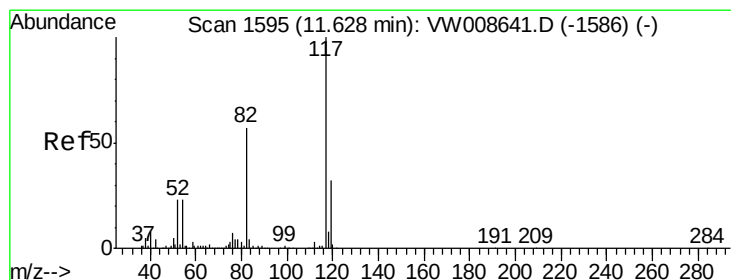
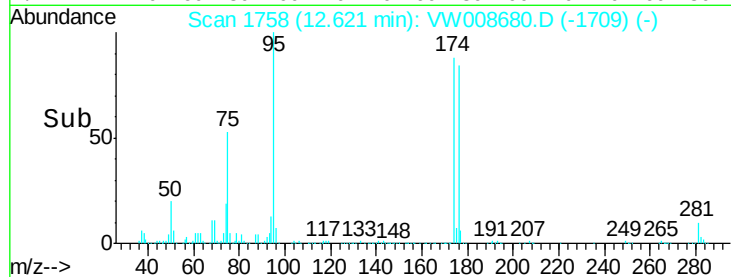
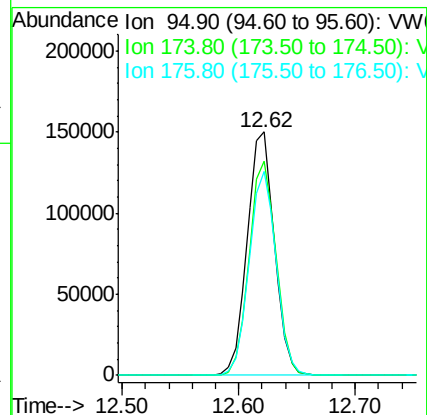
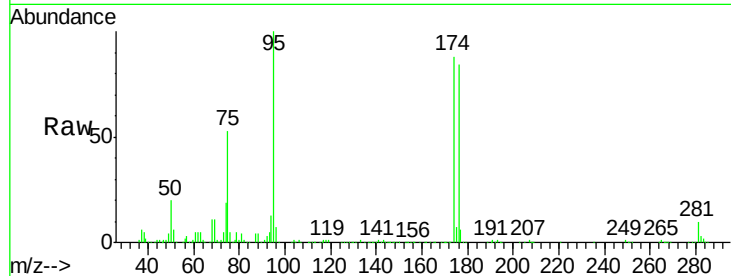
Tot Ion: 95 Resp: 244679

Ion Ratio Lower Upper

95 100

174 87.1 0.0 163.2

176 83.4 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: VW008680.D

Acq: 15 Feb 2019 13:16

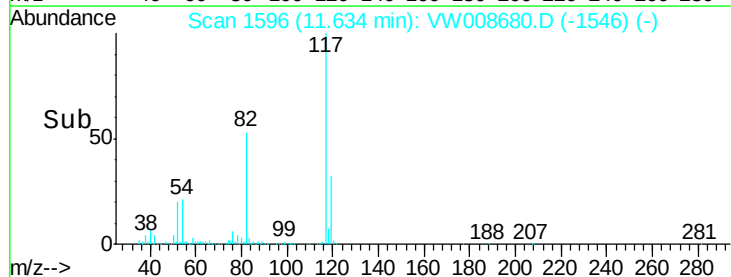
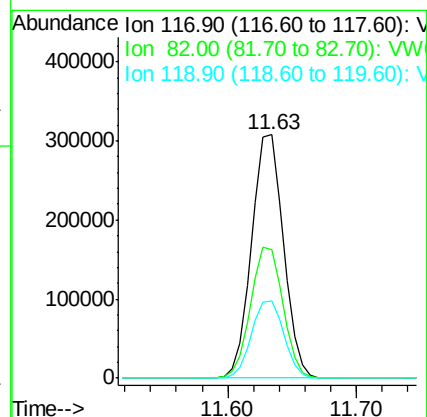
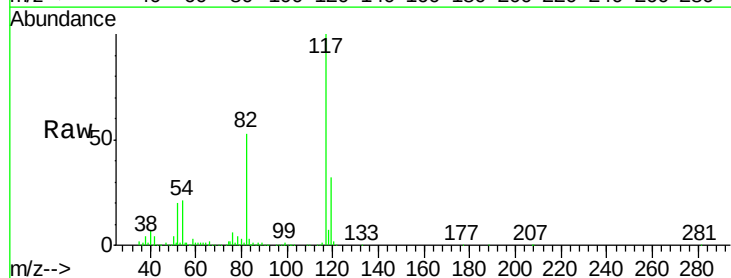
Tgt Ion: 117 Resp: 524994

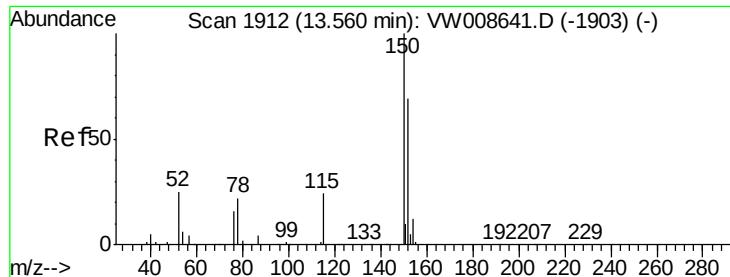
Ion Ratio Lower Upper

117 100

82 52.7 45.6 68.4

119 31.6 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: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

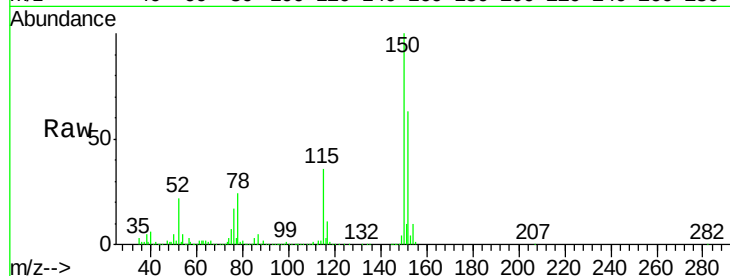
Tot Ion:152 Resp: 250317

Ion Ratio Lower Upper

152 100

115 57.5 29.3 87.8

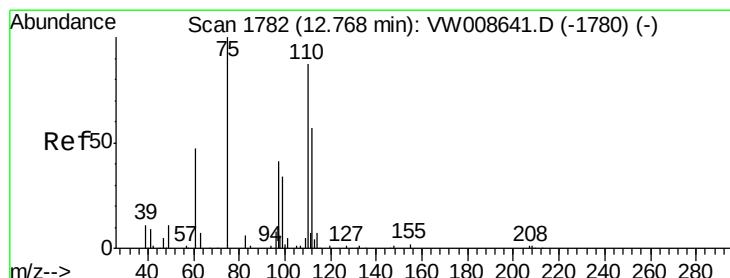
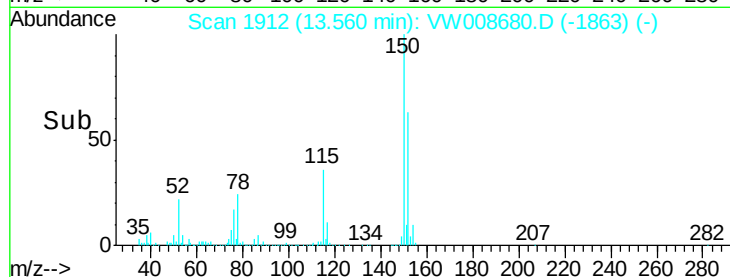
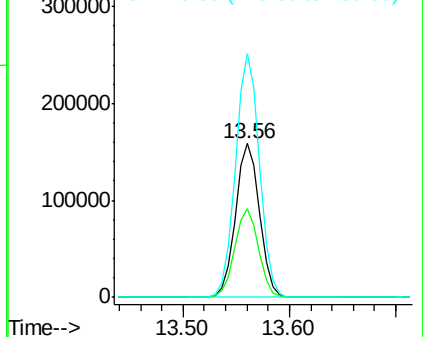
150 157.7 0.0 352.8



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: 52.180 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008680.D

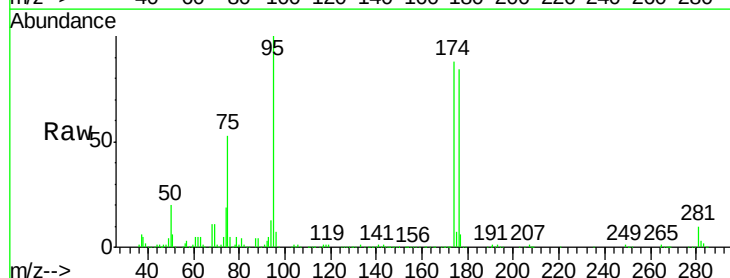
Acq: 15 Feb 2019 13:16

Tgt Ion: 75 Resp: 128975

Ion Ratio Lower Upper

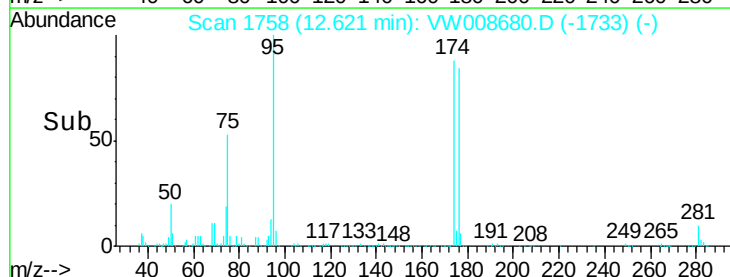
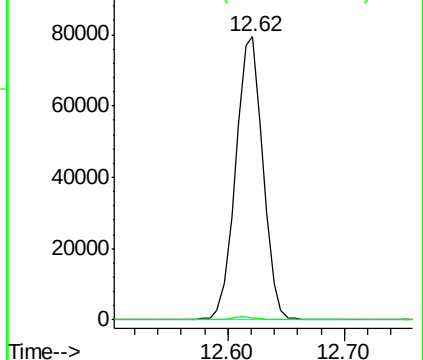
75 100

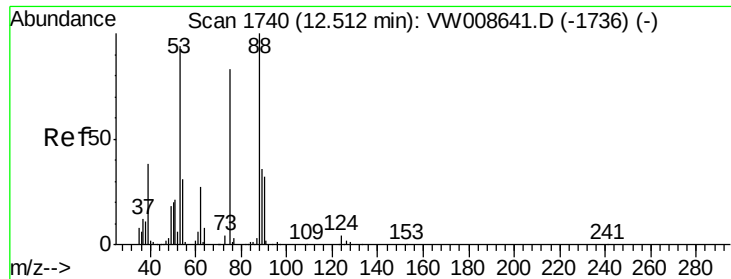
77 1.3 0.0 0.0#



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: 111.767 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008680.D

Acq: 15 Feb 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

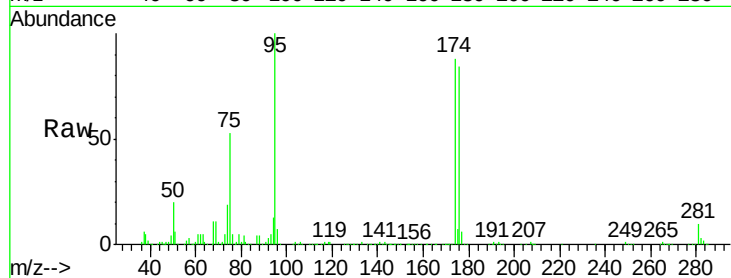
Tot Ion: 75 Resp: 128975

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.1 37.0 55.4#



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

