

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008681.D
 Acq On : 15 Feb 2019 13:43
 Operator : SY/VA
 Sample : K1500-01
 Misc : 8.05G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:33:41 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	362350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	547653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	208868	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	7.88	113	173315	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.32	98	645010	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.62	95	232170	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

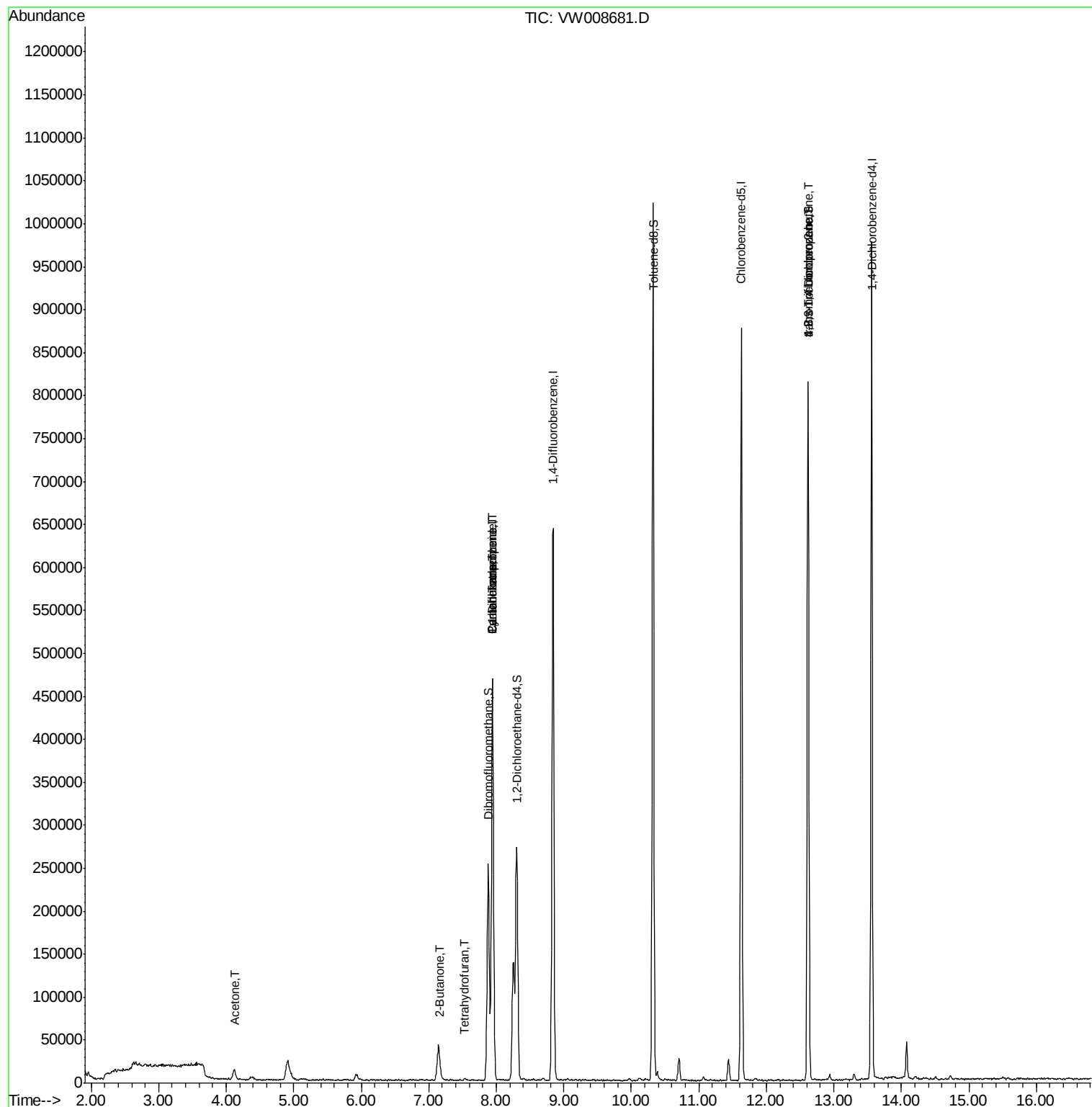
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	19487	22.732	ug/l	90
20) Methylene Chloride	4.90	84	20254	Below Cal	#	79
25) 2-Butanone	7.17	43	2053	1.696	ug/l #	77
29) Tetrahydrofuran	7.53	42	2199	2.756	ug/l #	72
31) Cyclohexane	7.95	56	7835	1.137	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	27117	4.928	ug/l #	51
38) Carbon Tetrachloride	7.95	117	34985	6.394	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	122110	51.030	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	122110	109.361	ug/l #	6

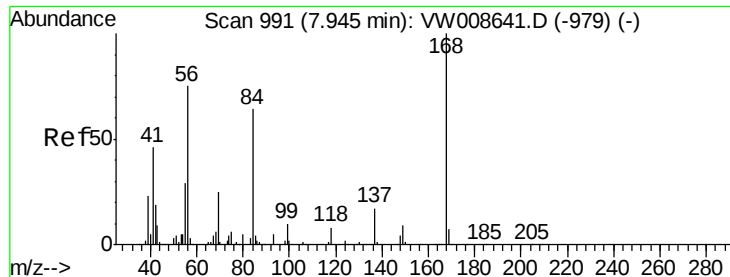
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008681.D

Acq: 15 Feb 2019 13:43

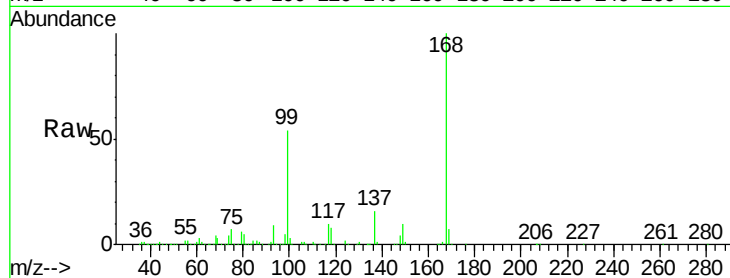
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 362350

Ion Ratio Lower Upper

168 100

99 53.6 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

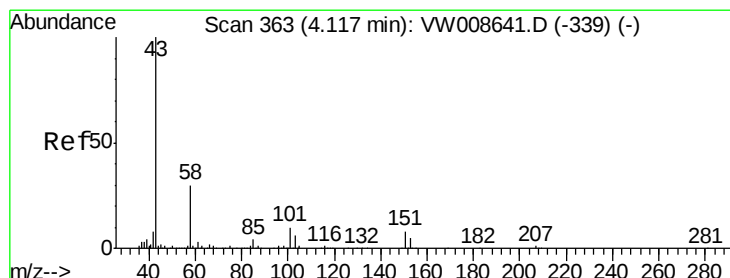
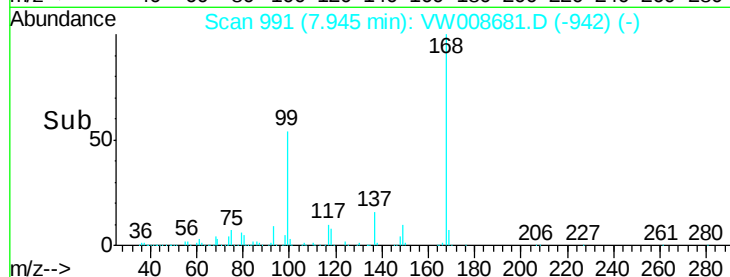
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.732 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008681.D

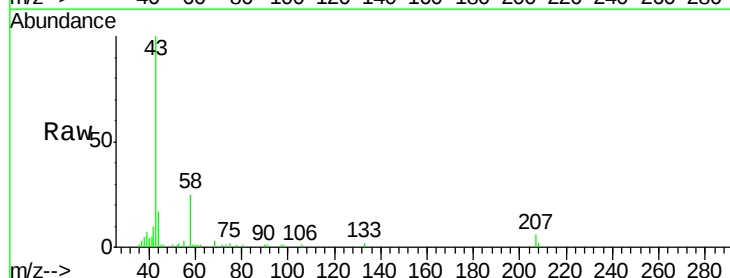
Acq: 15 Feb 2019 13:43

Tgt Ion: 43 Resp: 19487

Ion Ratio Lower Upper

43 100

58 24.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

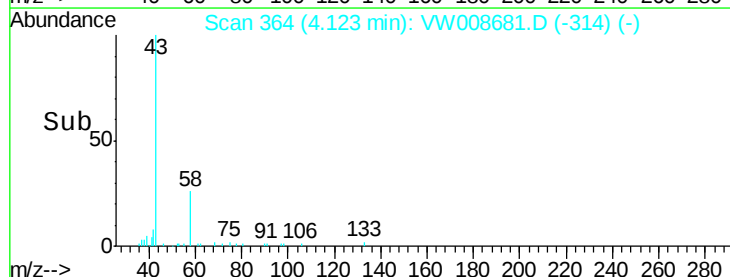
6000

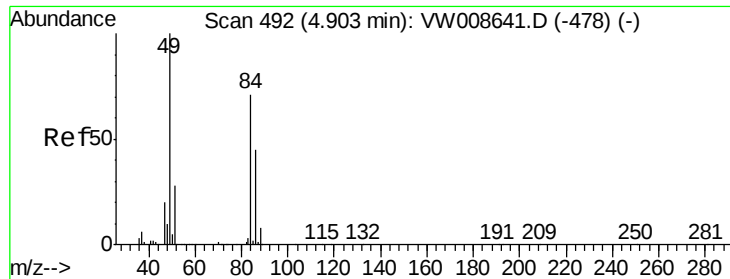
4000

2000

0

Time-->

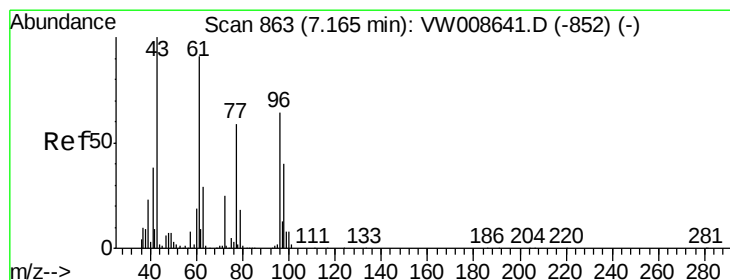
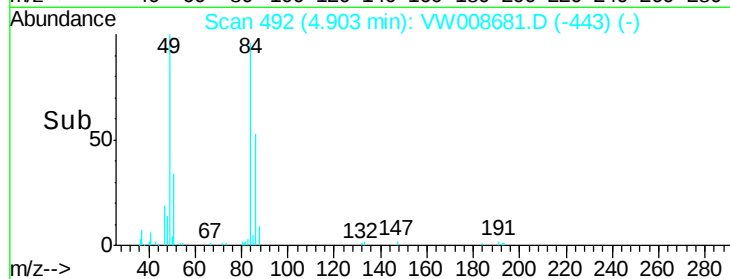
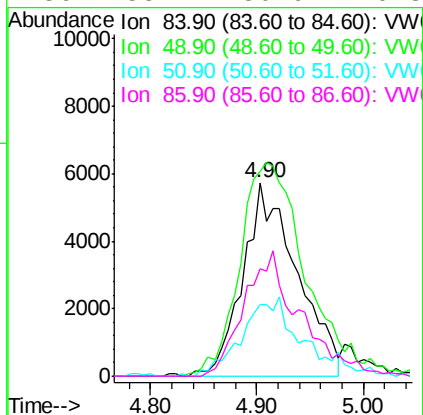
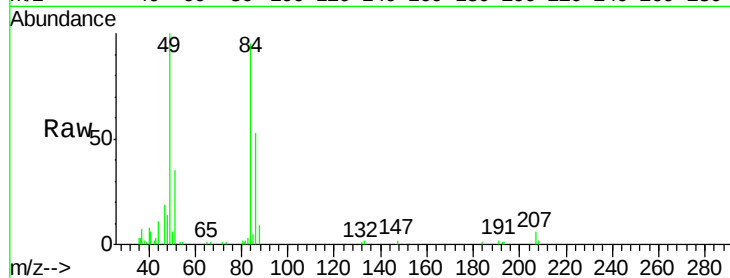




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008681.D
Acq: 15 Feb 2019 13:43

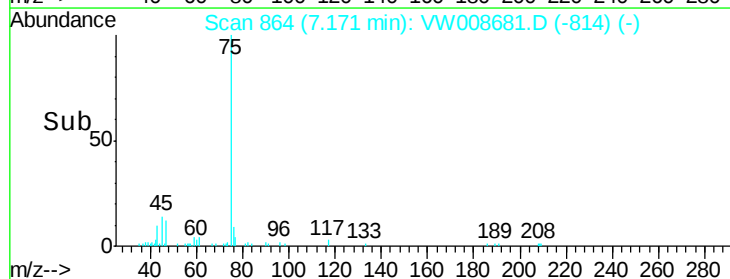
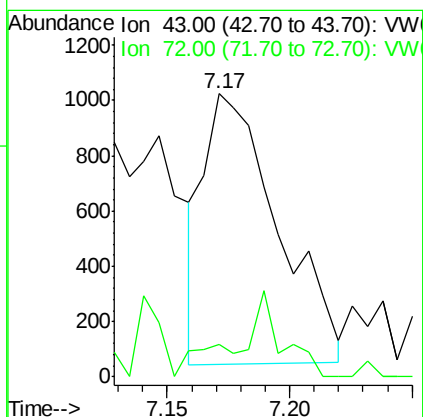
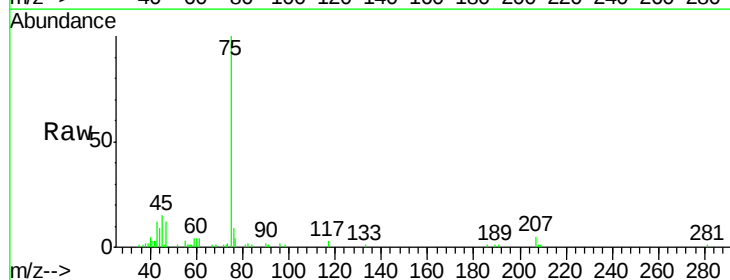
Instrument :
MSVOA_W
ClientSampleId :

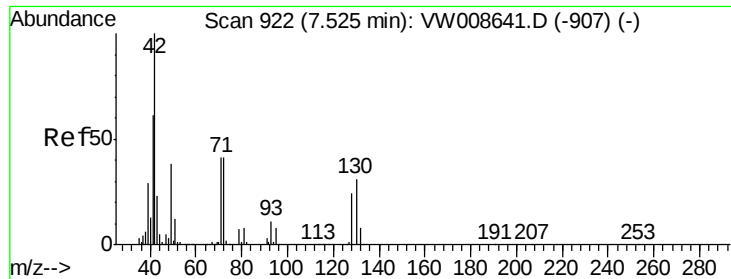
Tot Ion: 84 Resp: 20254
Ion Ratio Lower Upper
84 100
49 104.7 113.3 169.9#
51 37.0 32.1 48.1
86 55.7 50.9 76.3



#25
2-Butanone
Concen: 1.696 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008681.D
Acq: 15 Feb 2019 13:43

Tgt Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
72 13.2 19.7 29.5#





#29

Tetrahydrofuran

Concen: 2.756 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

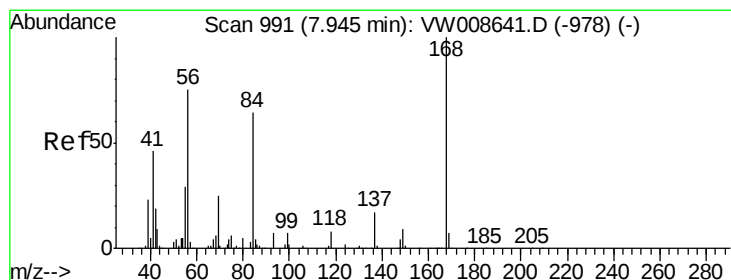
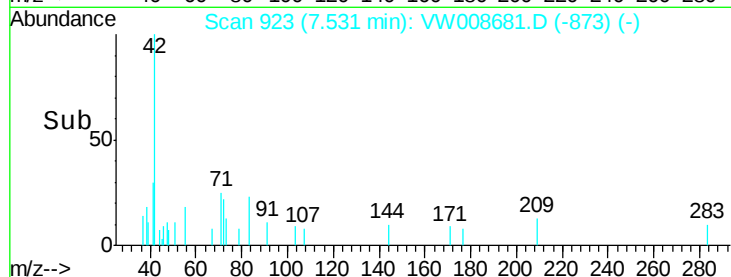
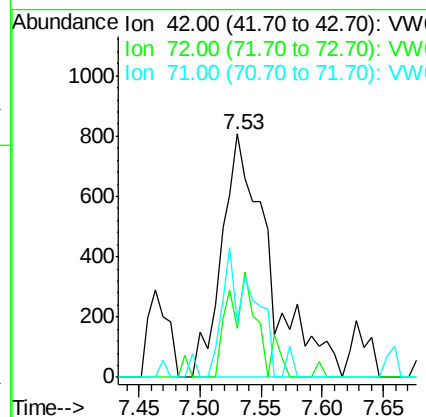
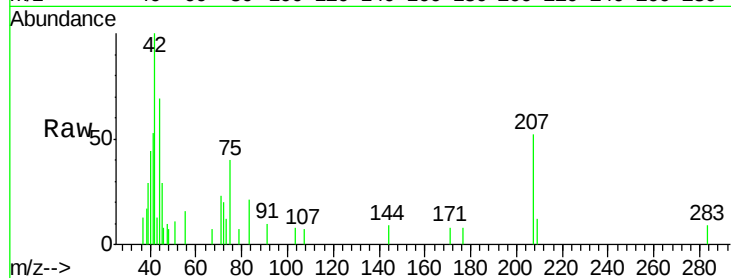
Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 2199

Ion	Ratio	Lower	Upper
42	100		
72	10.9	32.2	48.2#
71	33.6	31.0	46.6



#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.95 min Scan# 991

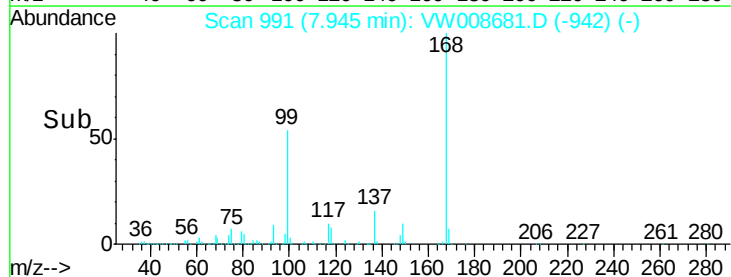
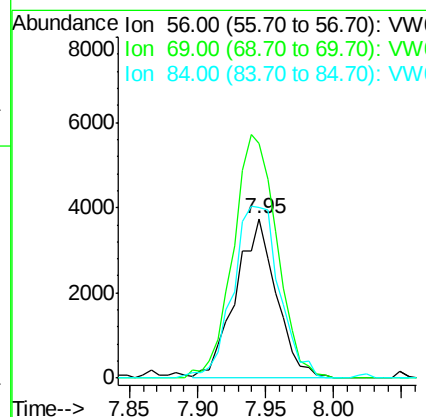
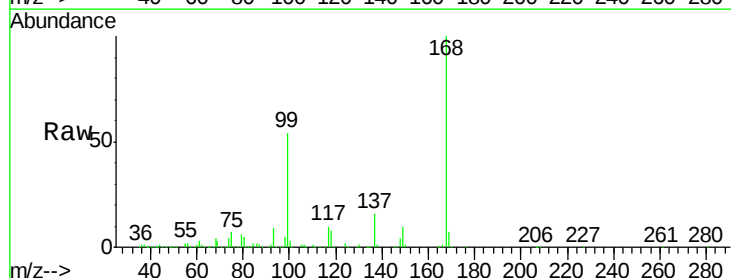
Delta R.T. -0.00 min

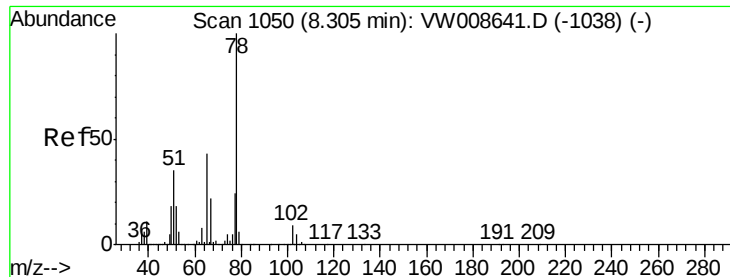
Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

Tgt Ion: 56 Resp: 7835

Ion	Ratio	Lower	Upper
56	100		
69	147.4	26.4	39.6#
84	107.1	67.4	101.2#





#33

1,2-Dichloroethane-d4

Concen: 55.445 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

Instrument :

MSVOA_W

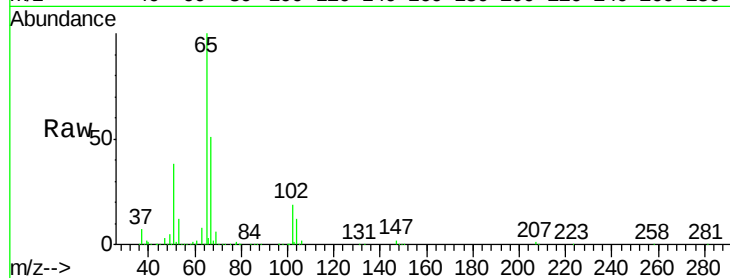
ClientSampleId :

Tot Ion: 65 Resp: 208868

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

100000

80000

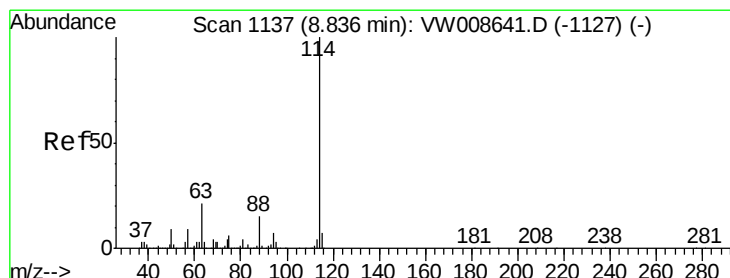
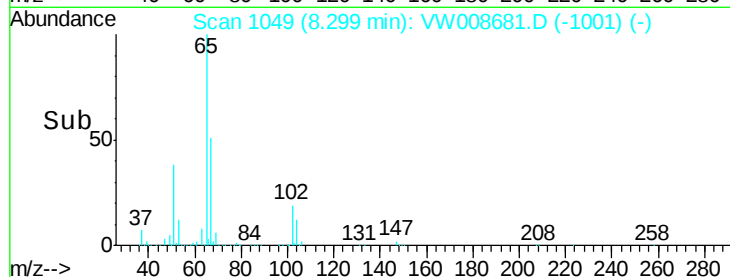
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

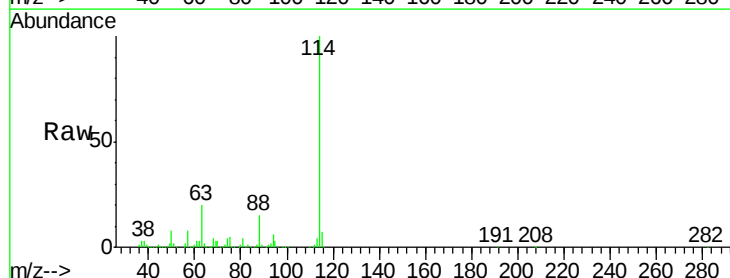
Tgt Ion: 114 Resp: 547653

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.2

88 15.2 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

8.84

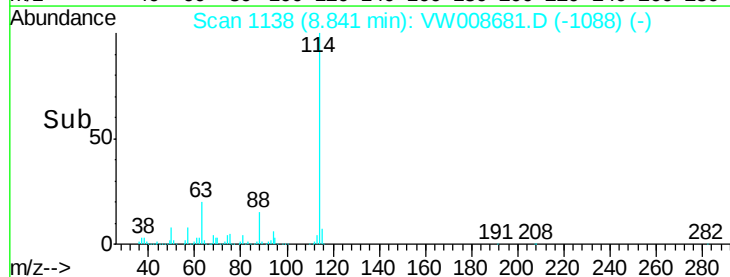
300000

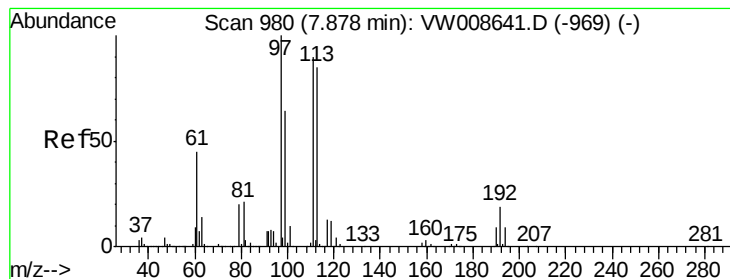
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.966 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampled :

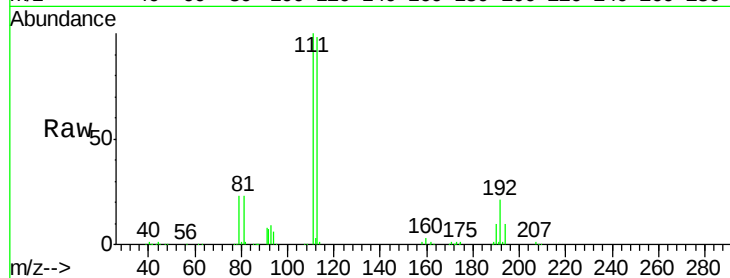
Tot Ion:113 Resp: 173315

Ion Ratio Lower Upper

113 100

111 103.4 84.0 126.0

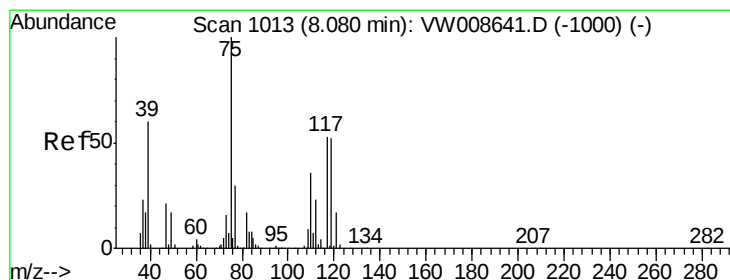
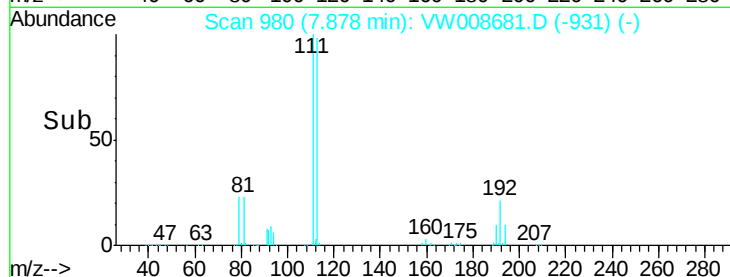
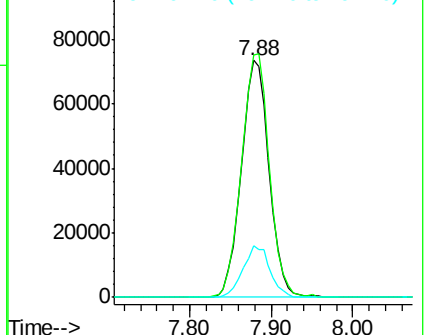
192 21.3 17.4 26.2



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: 4.928 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

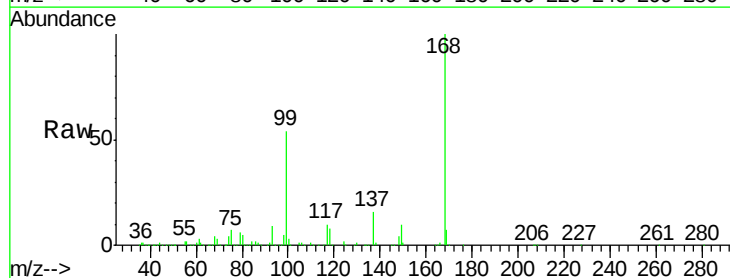
Tgt Ion: 75 Resp: 27117

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

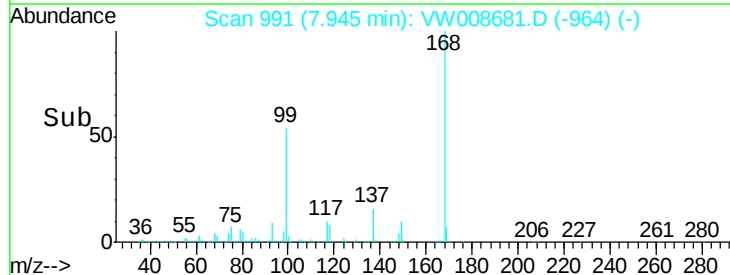
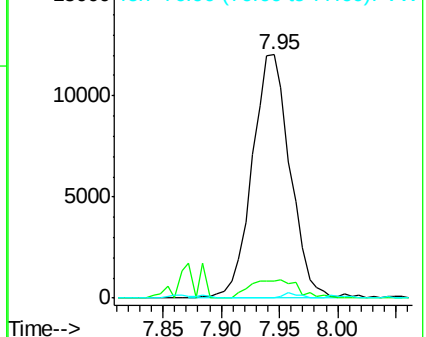
77 0.9 24.7 37.1#

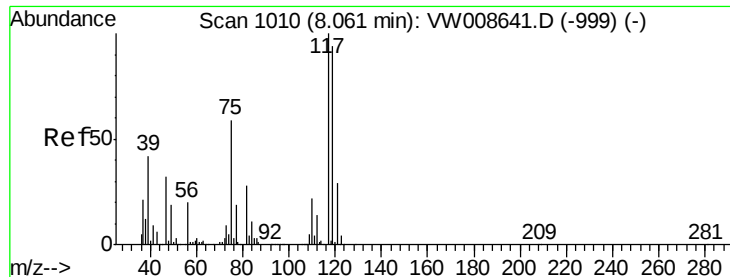


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

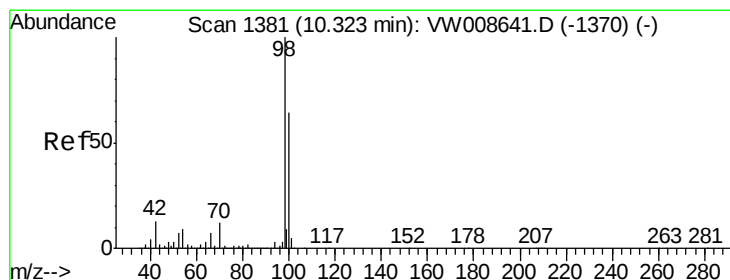
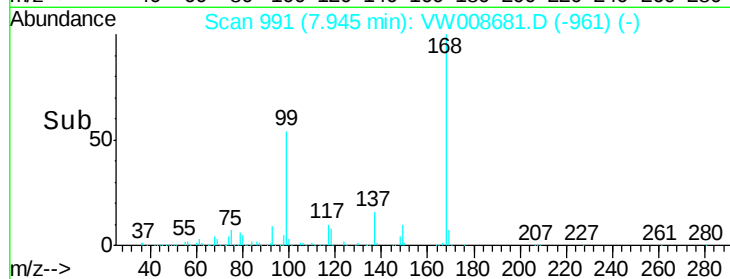
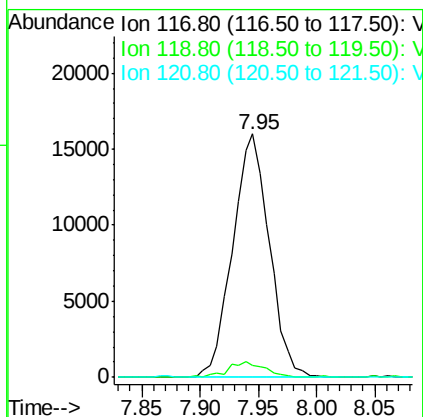
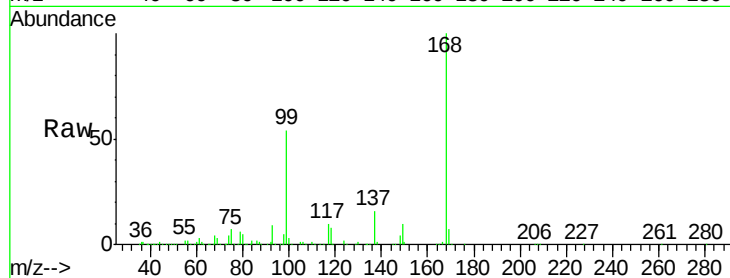




#38
Carbon Tetrachloride
Concen: 6.394 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008681.D
Acq: 15 Feb 2019 13:43

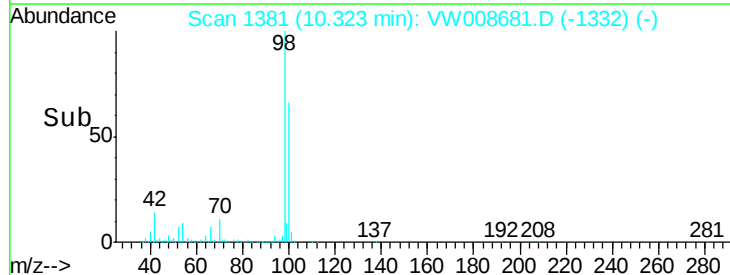
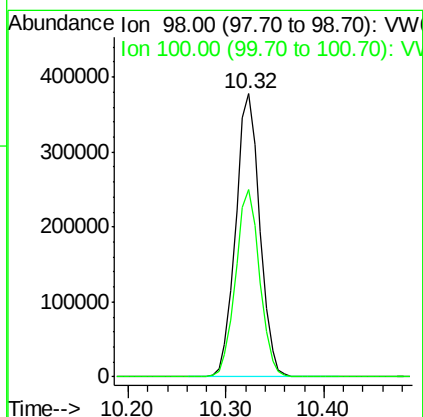
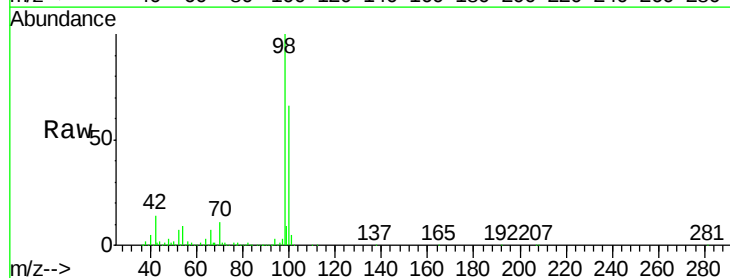
Instrument :
MSVOA_W
ClientSampleId :

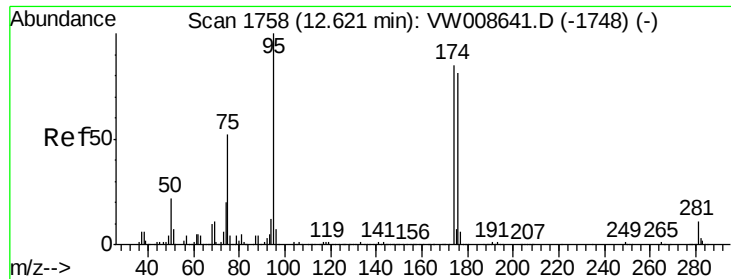
Tot Ion:117 Resp: 34985
Ion Ratio Lower Upper
117 100
119 5.0 75.1 112.7#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 49.204 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008681.D
Acq: 15 Feb 2019 13:43

Tgt Ion: 98 Resp: 645010
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 47.020 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

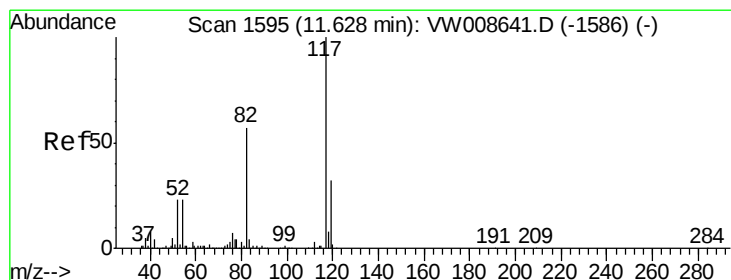
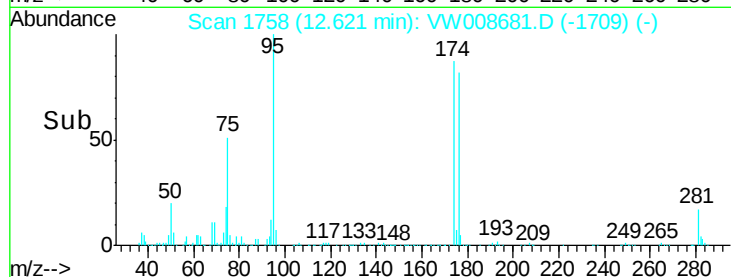
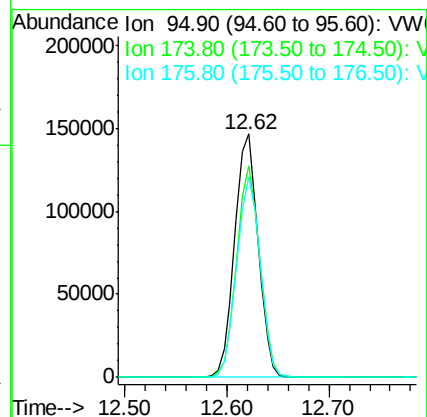
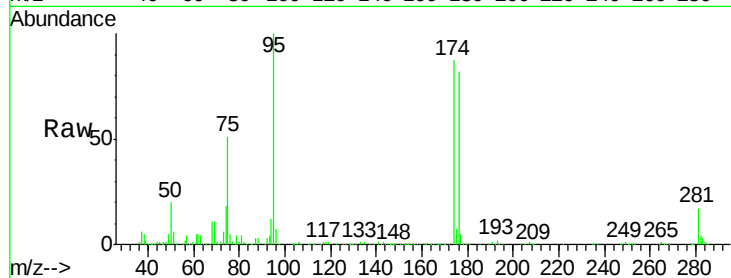
Tot Ion: 95 Resp: 232170

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.2

176 82.6 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: VW008681.D

Acq: 15 Feb 2019 13:43

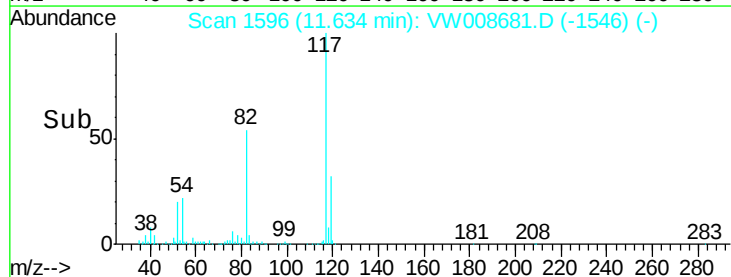
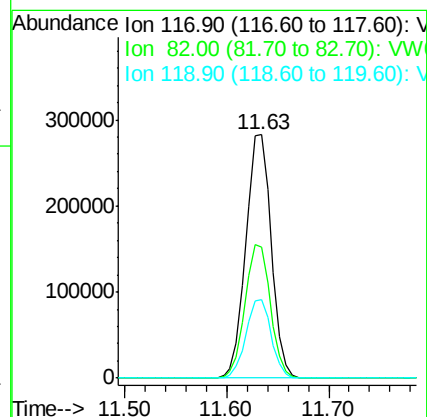
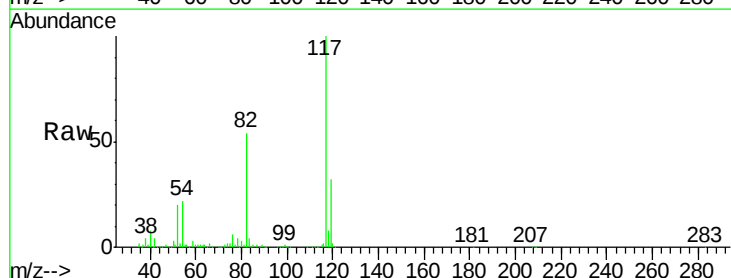
Tgt Ion: 117 Resp: 489266

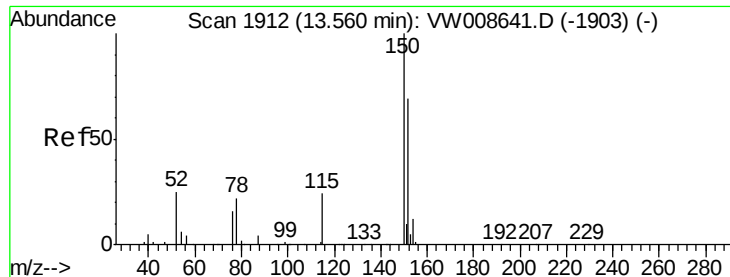
Ion Ratio Lower Upper

117 100

82 53.8 45.6 68.4

119 32.5 25.7 38.5



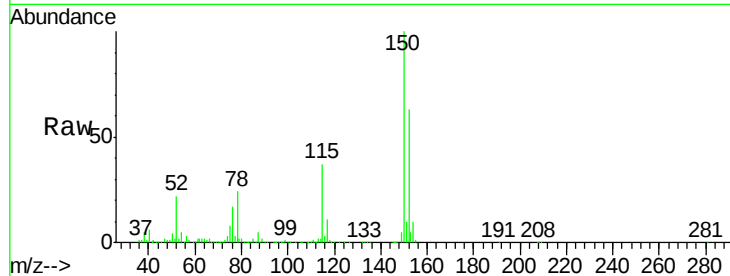


#72

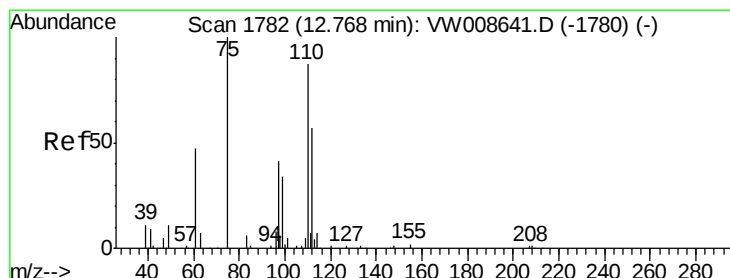
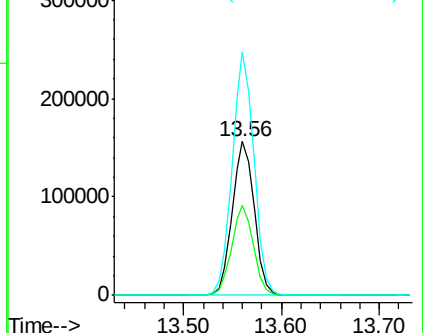
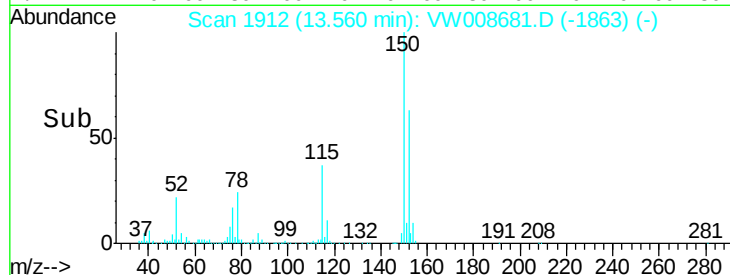
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008681.D
Acq: 15 Feb 2019 13:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	87.8
150	157.0	0.0	352.8



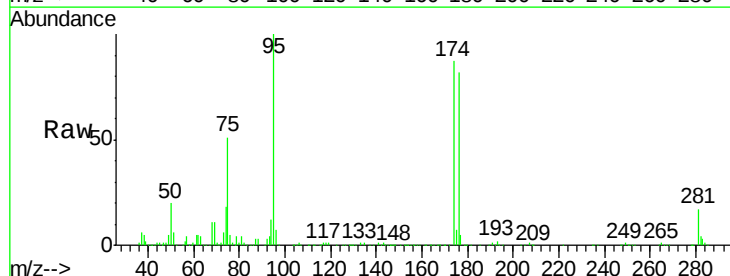
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



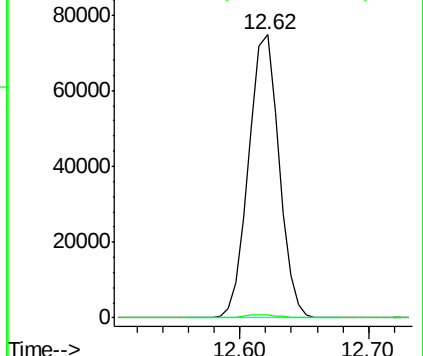
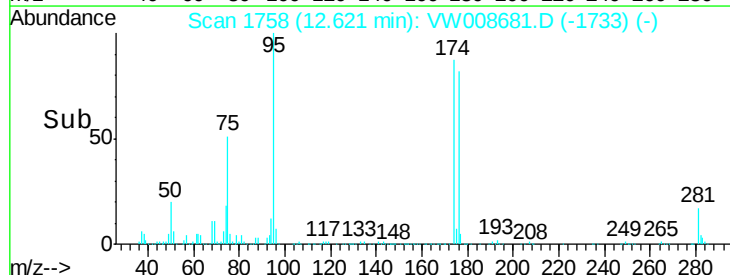
#76

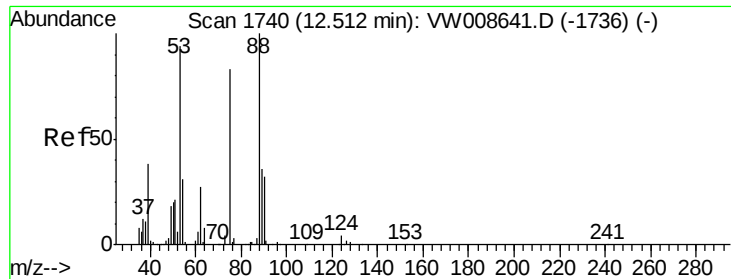
1,2,3-Trichloropropane
Concen: 51.030 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008681.D
Acq: 15 Feb 2019 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 109.361 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008681.D

Acq: 15 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

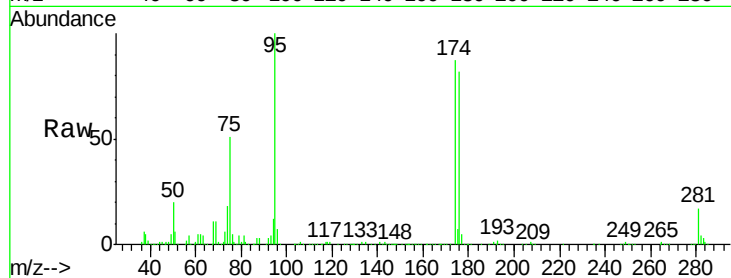
Tot Ion: 75 Resp: 122110

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.0#

89 0.2 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

