

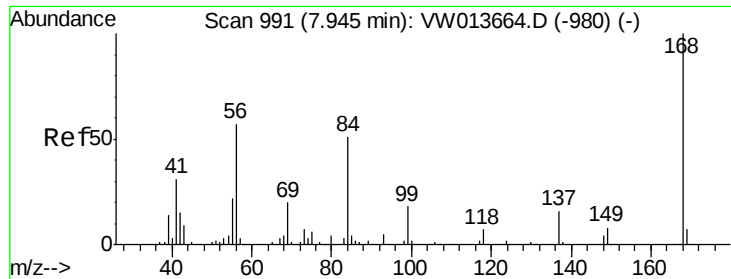
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013677.D
 Acq On : 23 Oct 2019 19:42
 Operator : SY/VA
 Sample : K5501-20
 Misc : 4.82G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:27:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111448	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
35) Dibromofluoromethane	7.88	113	120125	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	10.32	98	439020	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.62	95	102386	33.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1057	2.504	ug/l #	83
20) Methylene Chloride	4.91	84	16929	2.807	ug/l	91
28) Bromochloromethane	7.66	49	28	1.358	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	16635	4.435	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22744	6.733	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1715	1.256	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	49018	84.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49018	159.963	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

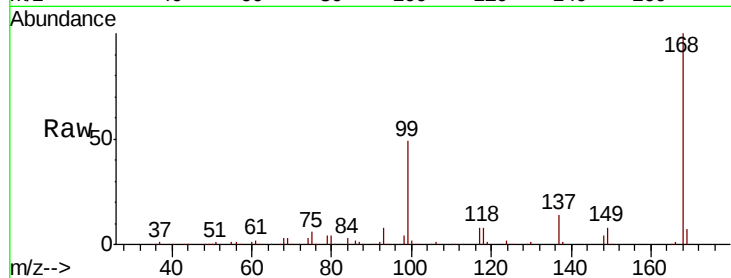
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 265381

Ion Ratio Lower Upper

168 100

99 49.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

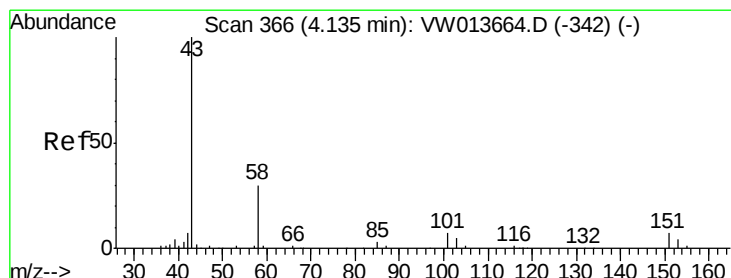
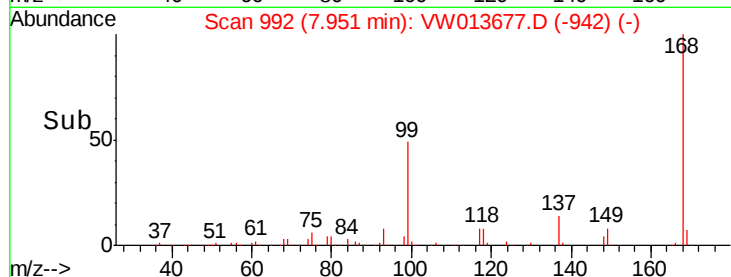
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.504 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013677.D

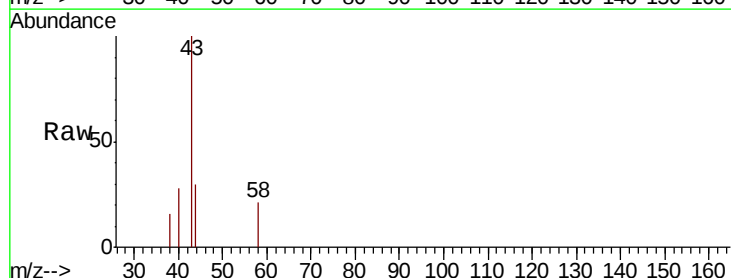
Acq: 23 Oct 2019 19:42

Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

58 20.7 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

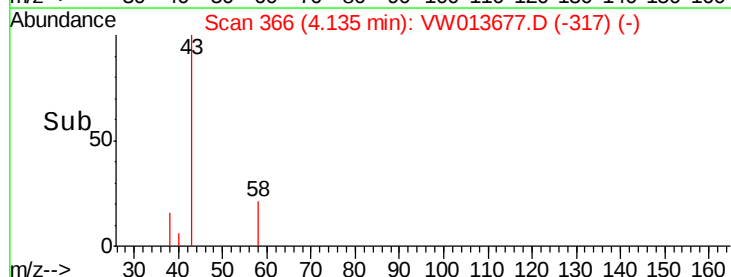
600

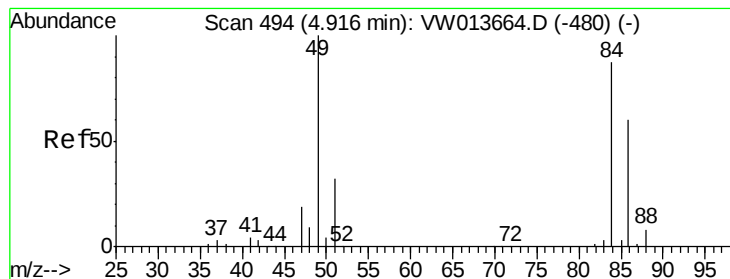
400

200

0

Time--> 4.10 4.15





#20

Methvlene Chloride

Concen: 2.807 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 16929

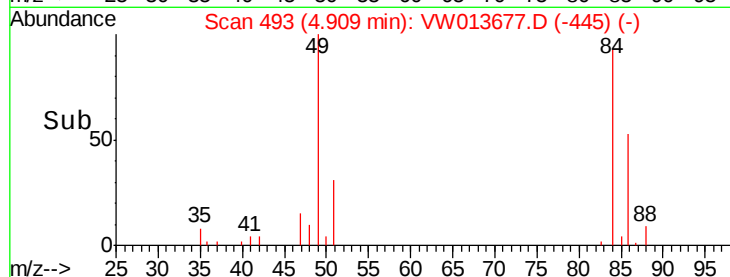
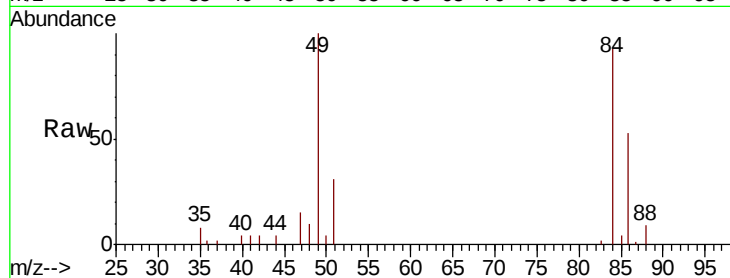
Ion Ratio Lower Upper

84 100

49 107.7 91.8 137.6

51 33.3 29.8 44.6

86 57.3 55.2 82.8

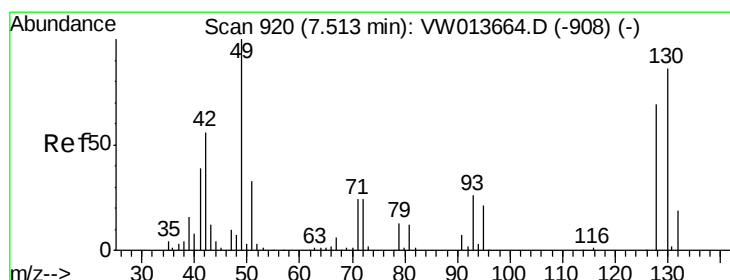
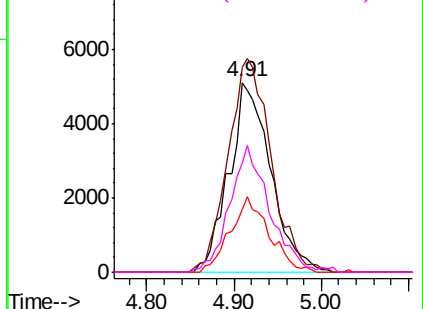


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#28

Bromochloromethane

Concen: 1.358 ug/l

RT: 7.66 min Scan# 945

Delta R.T. 0.15 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

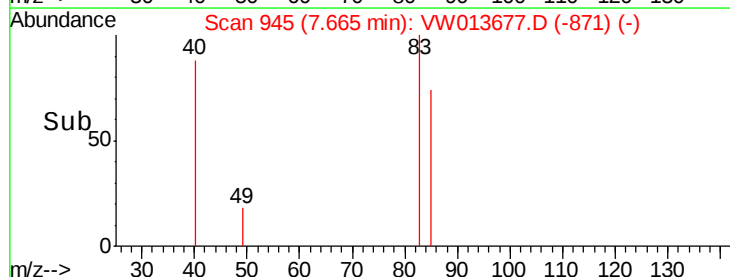
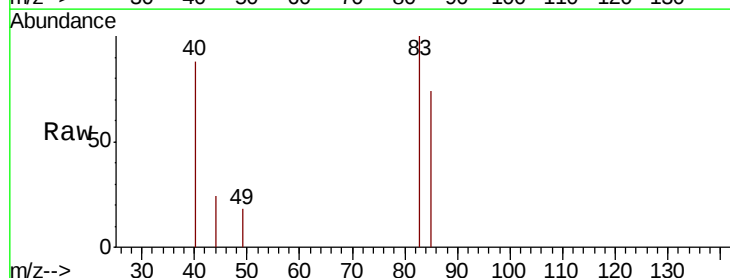
Tgt Ion: 49 Resp: 28

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

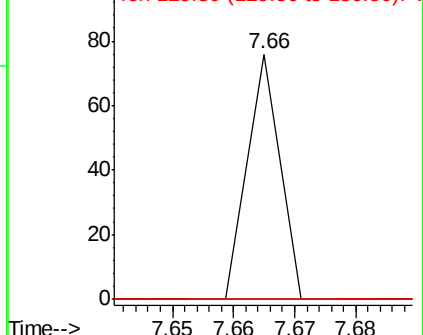
130 0.0 67.5 101.3#

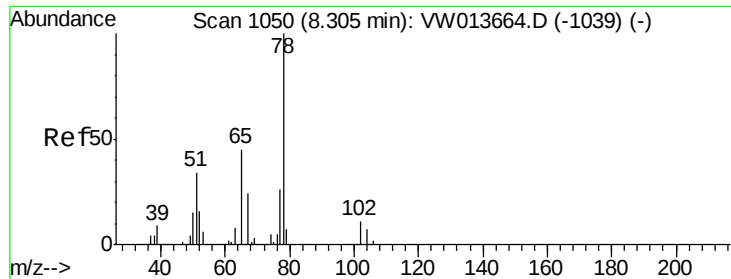


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

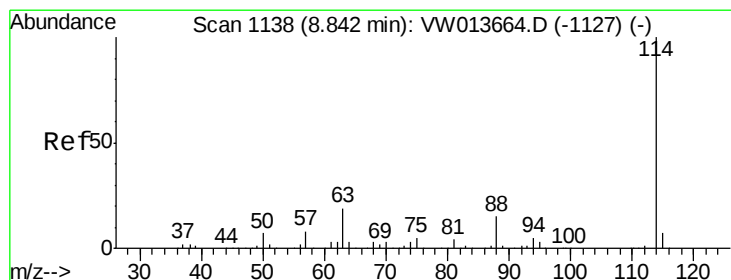
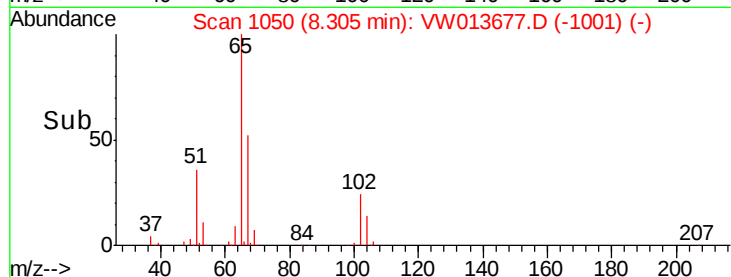
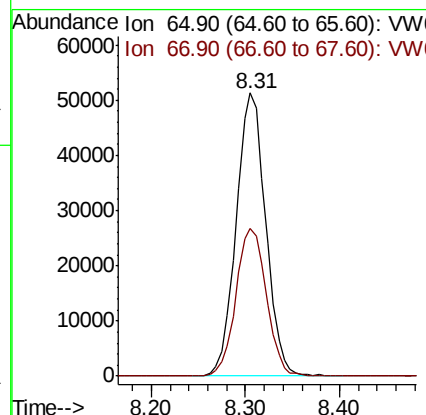
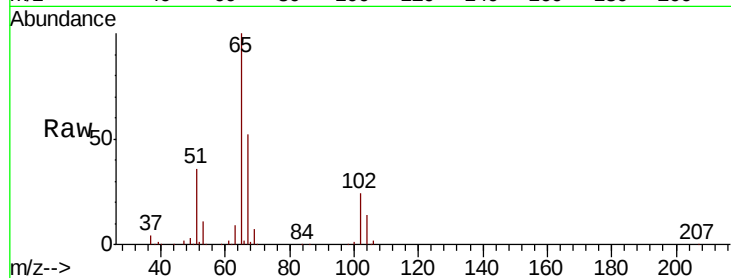




#33
 1,2-Dichloroethane-d4
 Concen: 55.982 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013677.D
 Acq: 23 Oct 2019 19:42

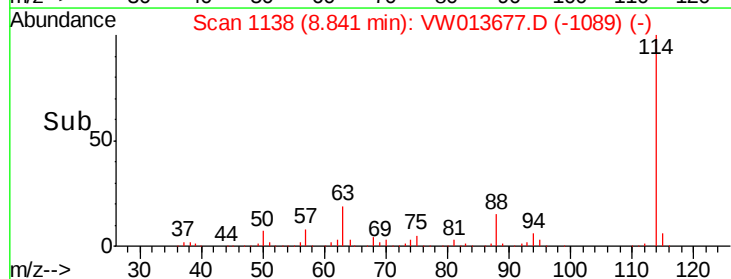
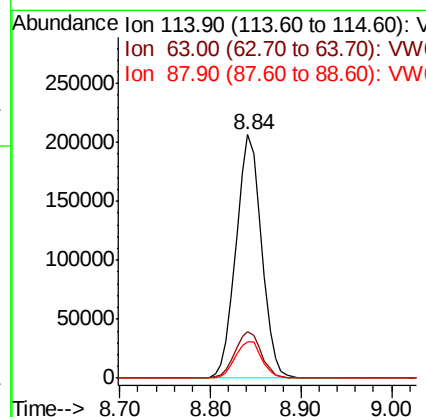
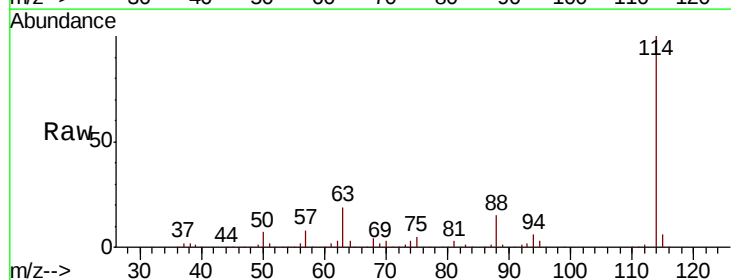
Instrument :
 MSVOA_W
 ClientSampleId :

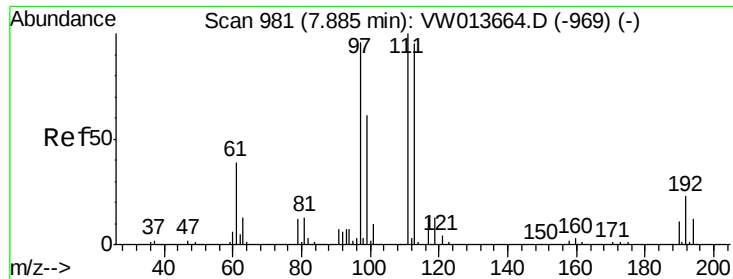
Tot Ion: 65 Resp: 111448
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013677.D
 Acq: 23 Oct 2019 19:42

Tgt Ion: 114 Resp: 402770
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 14.9 0.0 30.2

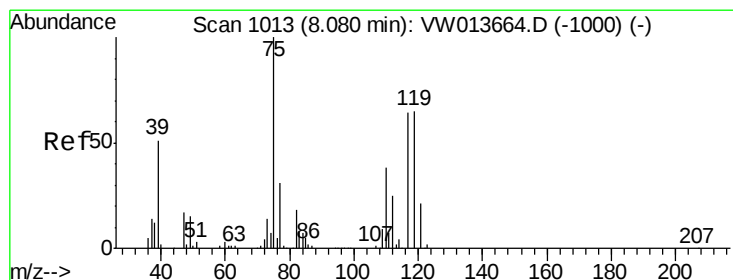
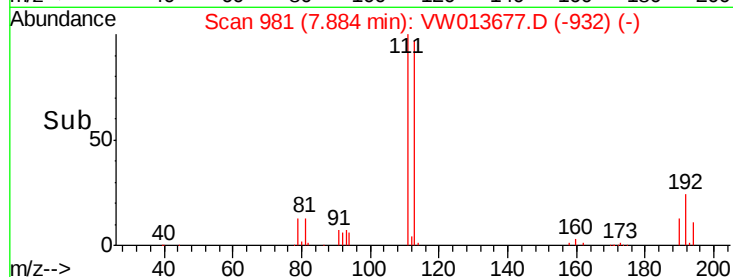
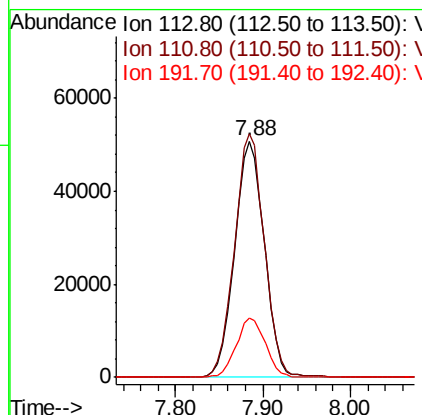
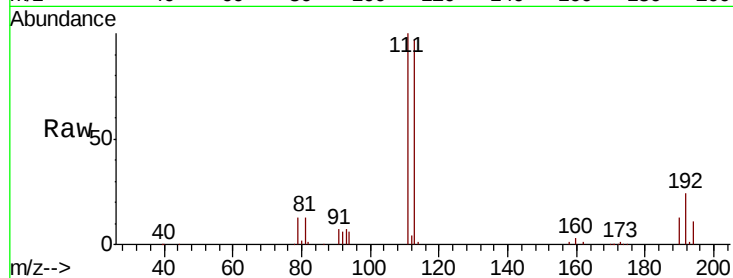




#35
 Dibromofluoromethane
 Concen: 53.675 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013677.D
 Acq: 23 Oct 2019 19:42

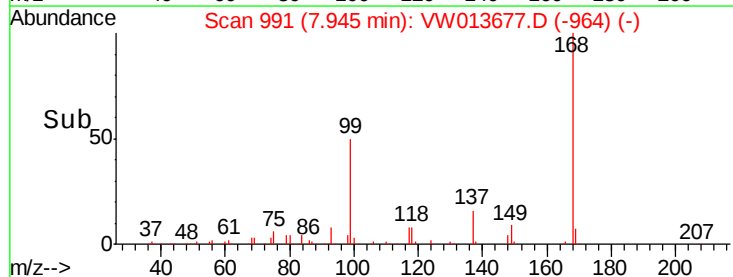
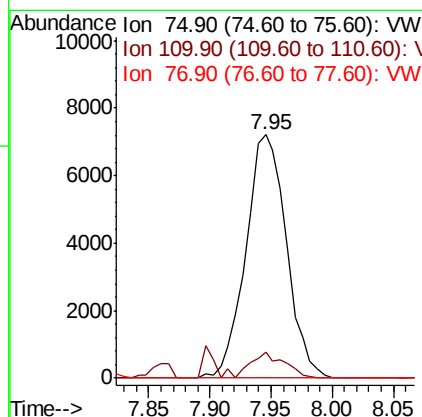
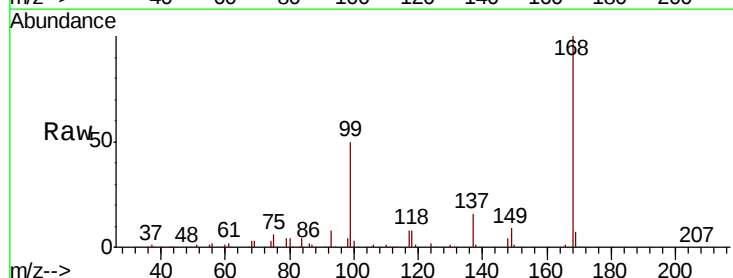
Instrument :
 MSVOA_W
 ClientSampleId :

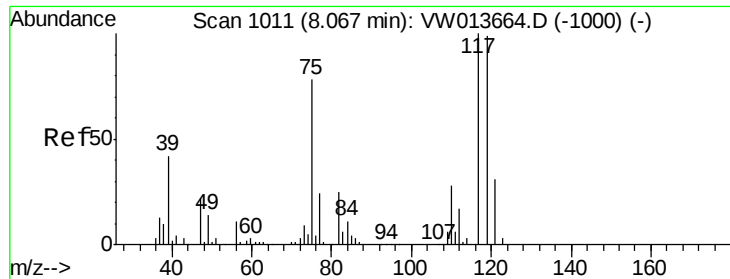
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	24.6	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013677.D
 Acq: 23 Oct 2019 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.7	56.1#
77	0.0	25.4	38.0#

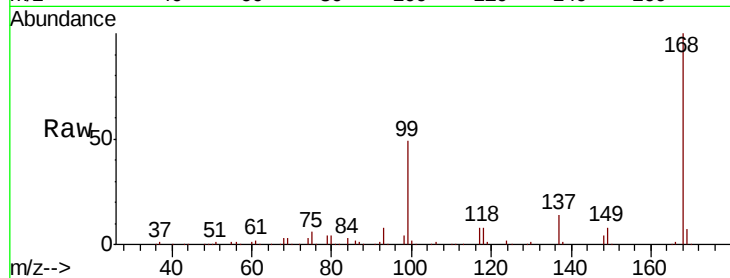




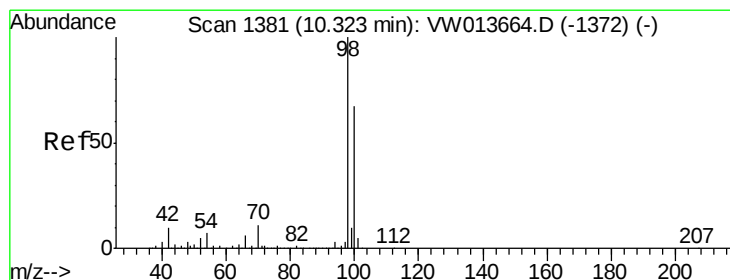
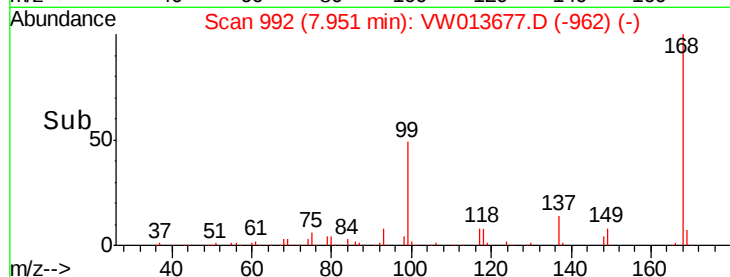
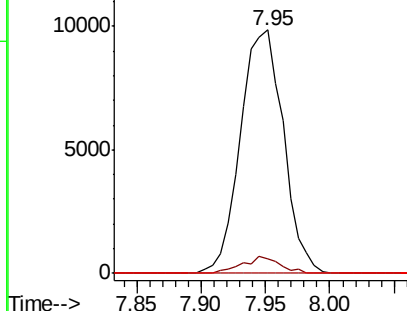
#38
Carbon Tetrachloride
Concen: 6.733 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW013677.D
Acq: 23 Oct 2019 19:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 22744
Ion Ratio Lower Upper
117 100
119 6.1 79.0 118.4#
121 0.0 24.5 36.7#

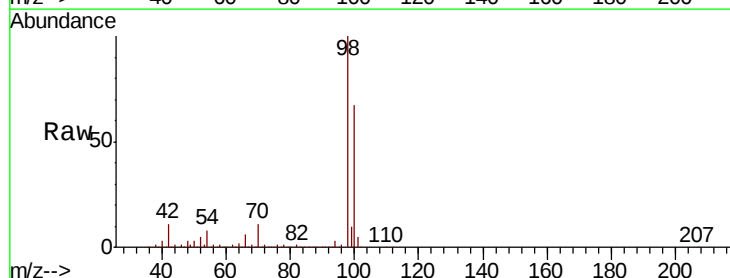


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

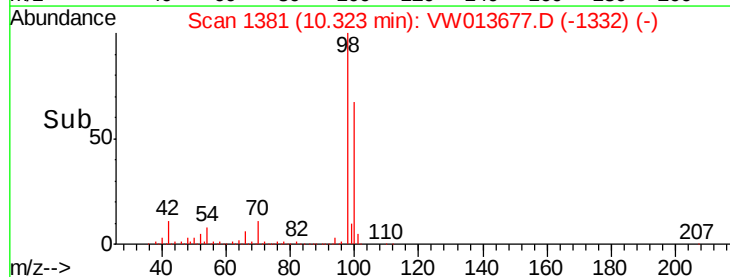
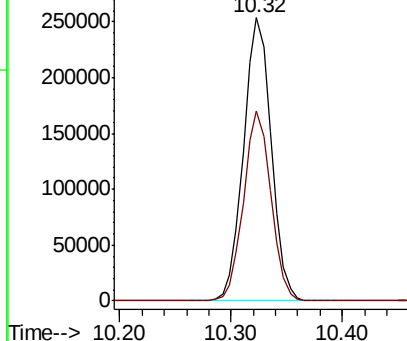


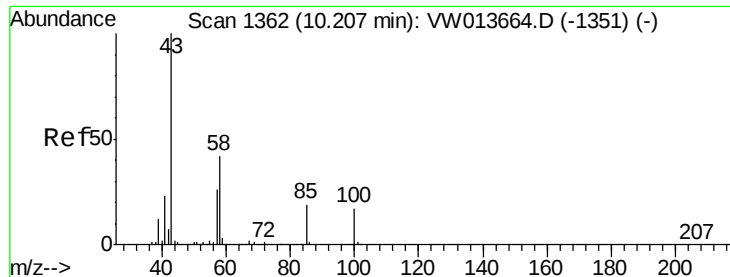
#50
Toluene-d8
Concen: 48.142 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013677.D
Acq: 23 Oct 2019 19:42

Tgt Ion: 98 Resp: 439020
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.256 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

Instrument :

MSVOA_W

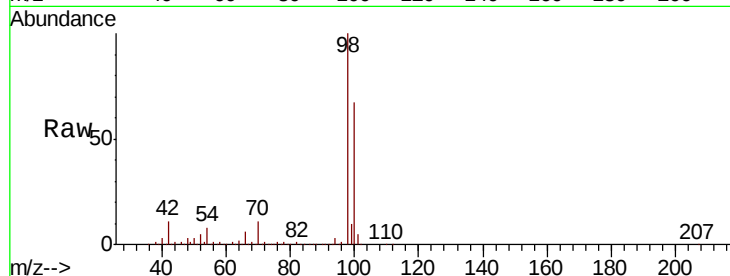
ClientSampleId :

Tot Ion: 43 Resp: 1715

Ion Ratio Lower Upper

43 100

58 197.5 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

1000

500

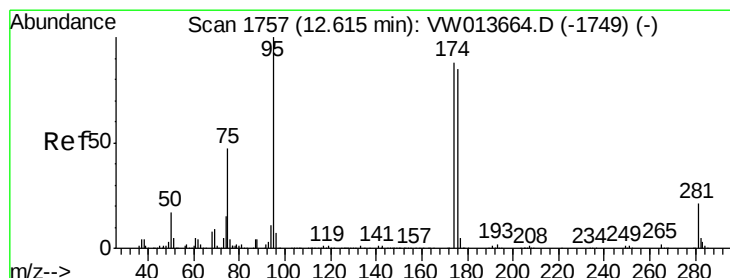
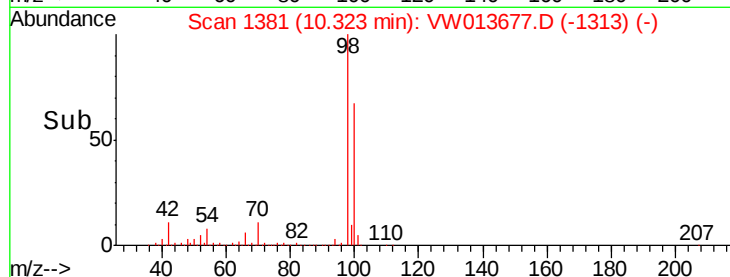
0

10.25

10.30

10.35

Time-->



#62

4-Bromofluorobenzene

Concen: 33.158 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

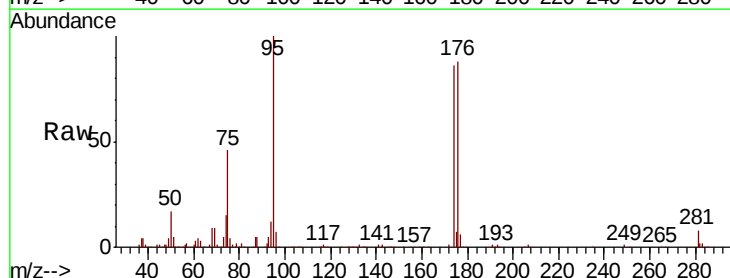
Tgt Ion: 95 Resp: 102386

Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.6

176 87.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

40000

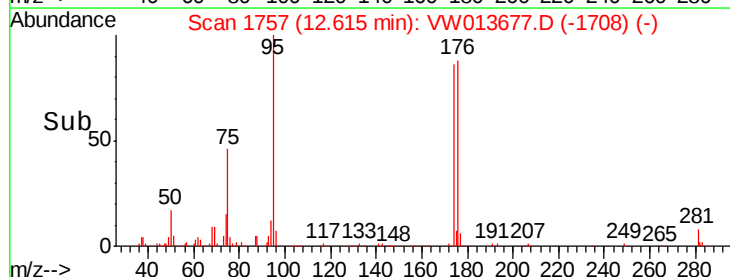
20000

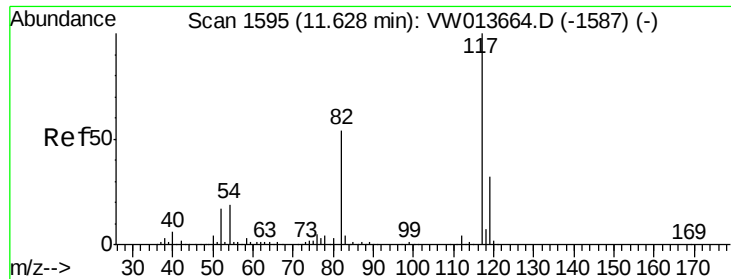
0

12.60

12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW013677.D

Acq: 23 Oct 2019 19:42

Instrument :

MSVOA_W

ClientSampleId :

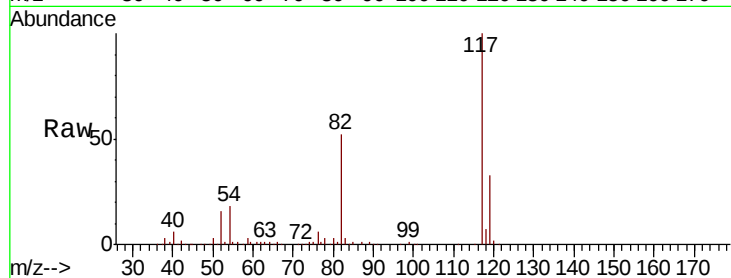
Tot Ion:117 Resp: 284030

Ion Ratio Lower Upper

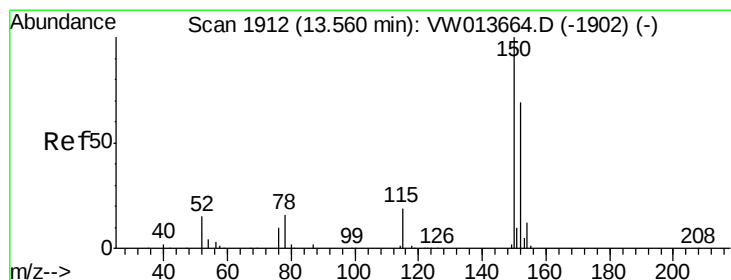
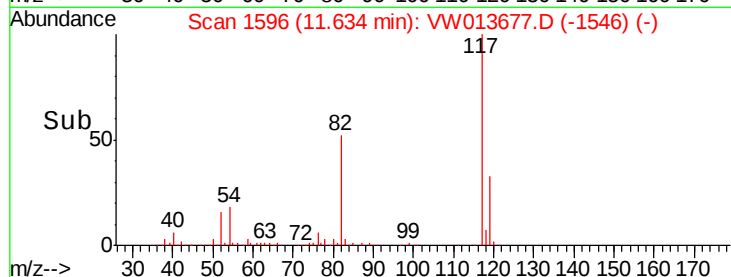
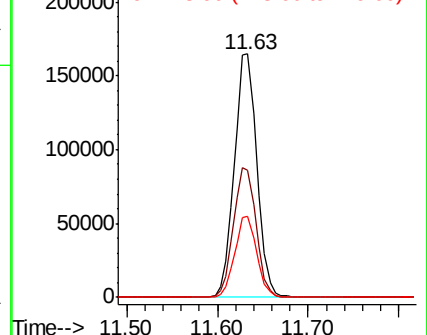
117 100

82 52.3 43.6 65.4

119 33.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
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: VW013677.D

Acq: 23 Oct 2019 19:42

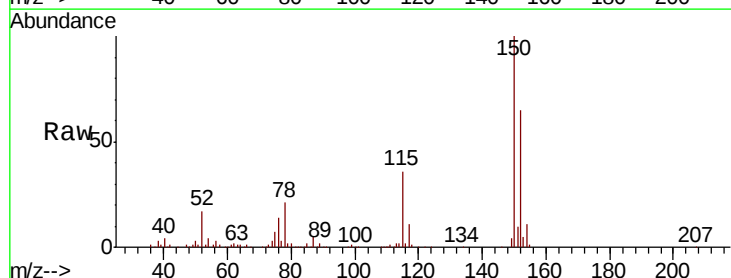
Tgt Ion:152 Resp: 80641

Ion Ratio Lower Upper

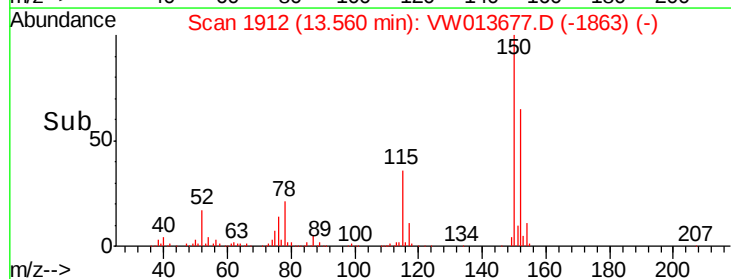
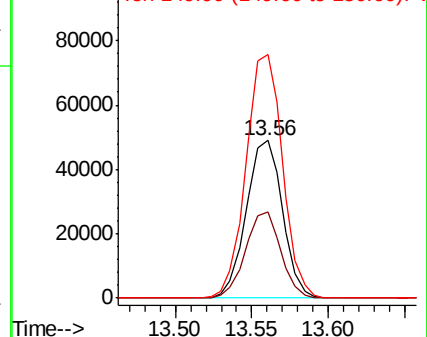
152 100

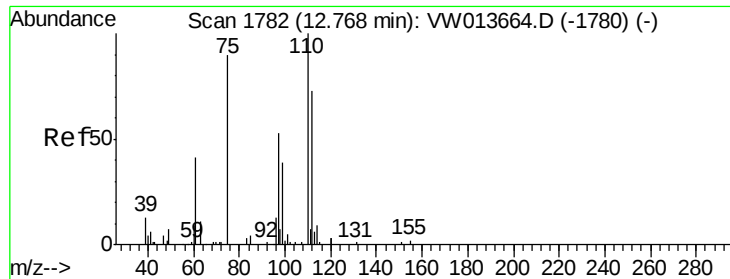
115 53.1 27.4 82.2

150 155.9 0.0 345.4



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



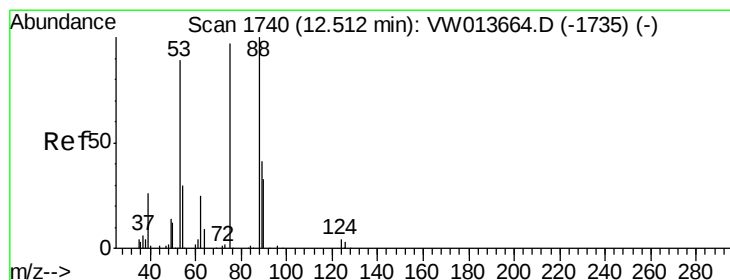
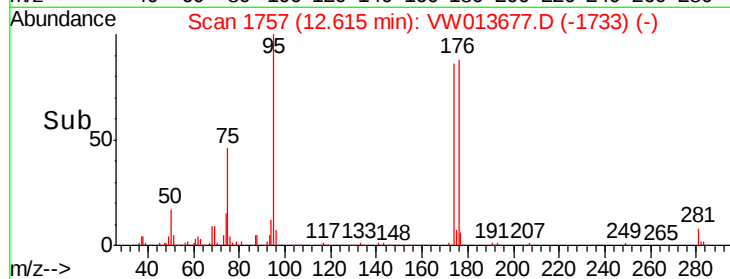
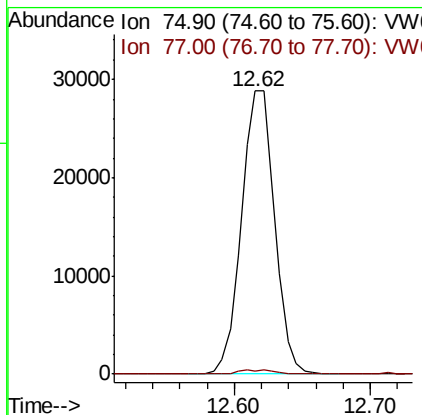
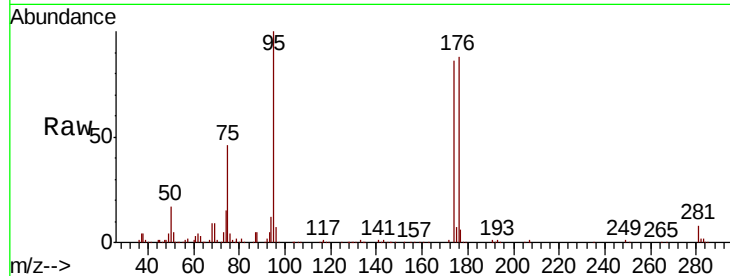


#76

1,2,3-Trichloropropane
Concen: 84.643 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013677.D
Acq: 23 Oct 2019 19:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 49018
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 159.963 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013677.D
Acq: 23 Oct 2019 19:42

Tgt Ion: 75 Resp: 49018
Ion Ratio Lower Upper
75 100
53 0.2 71.7 107.5#
89 0.0 35.8 53.8#

