

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013765.D
 Acq On : 28 Oct 2019 14:39
 Operator : SY/VA
 Sample : K5541-16RE
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 11:46:34 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	273158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	107575	52.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.00%	
35) Dibromofluoromethane	7.88	113	115515	51.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.20%	
50) Toluene-d8	10.32	98	446865	48.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.62	95	115187	37.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.58%	

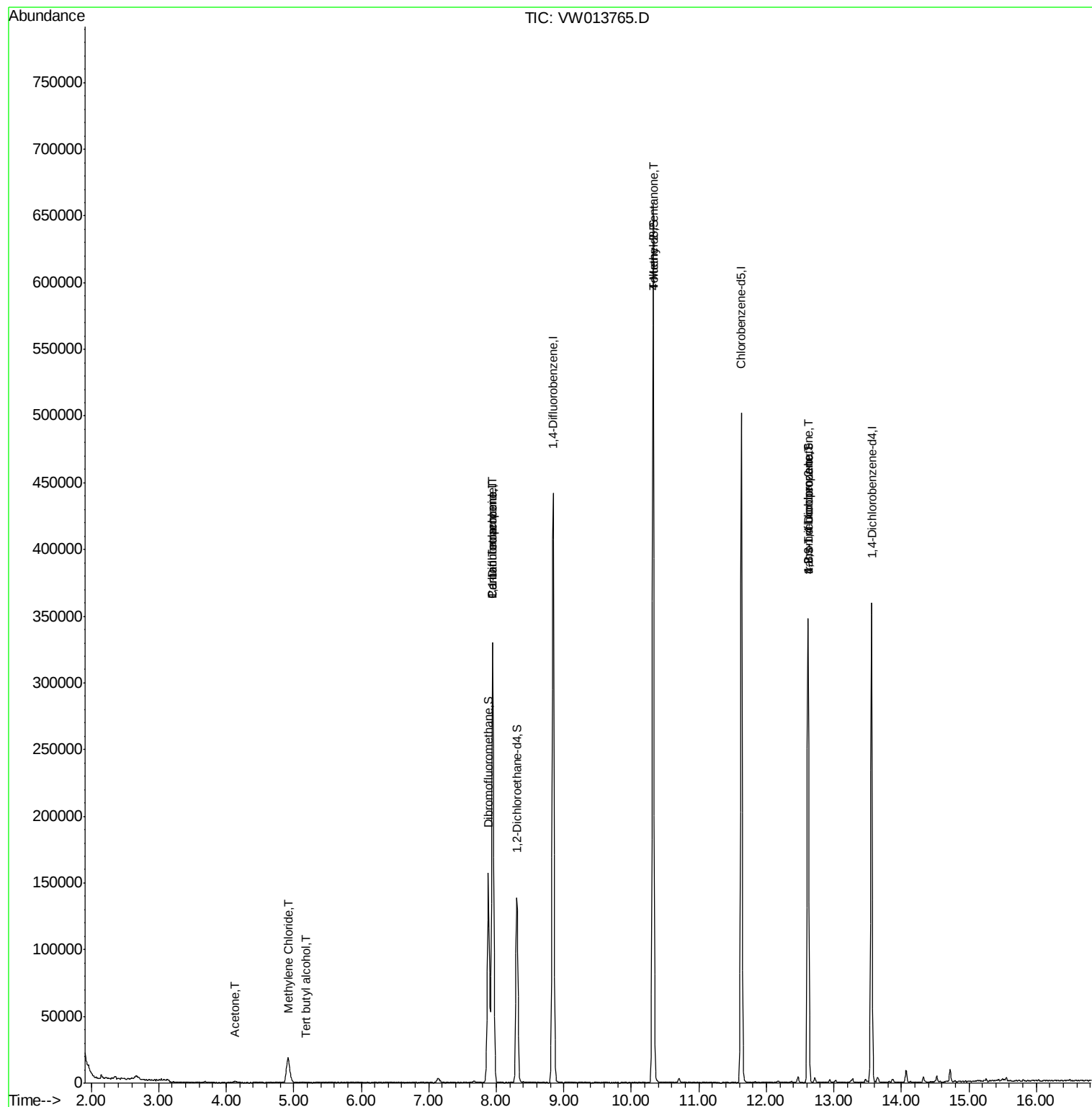
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	131	1.071	ug/l #	71
16) Acetone	4.13	43	1983	4.564	ug/l #	51
20) Methylene Chloride	4.92	84	16318	2.296	ug/l	94
36) 1,1-Dichloropropene	7.95	75	17692	4.715	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23870	7.064	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1743	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	55486	73.116	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55486	138.178	ug/l #	14

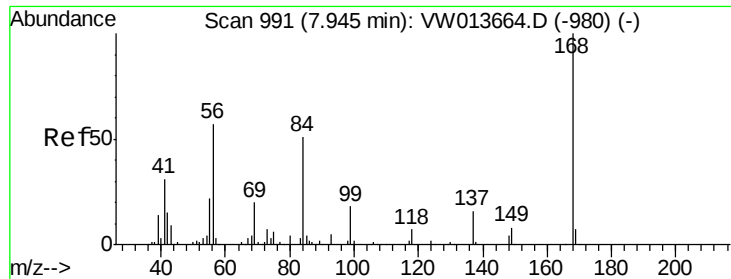
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

Quant Time: Oct 29 11:46:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013765.D

Acq: 28 Oct 2019 14:39

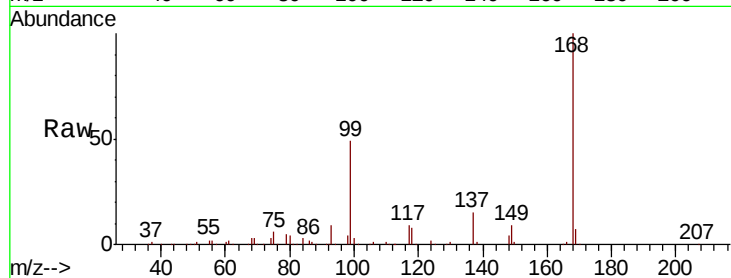
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 273158

Ion Ratio Lower Upper

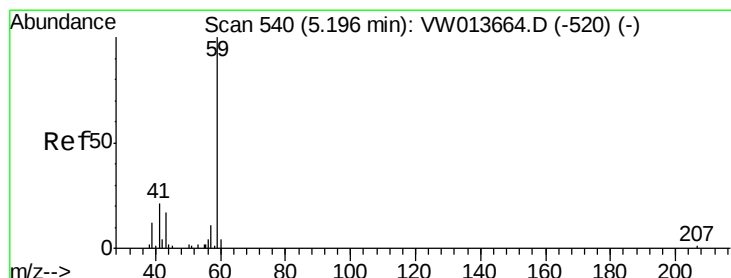
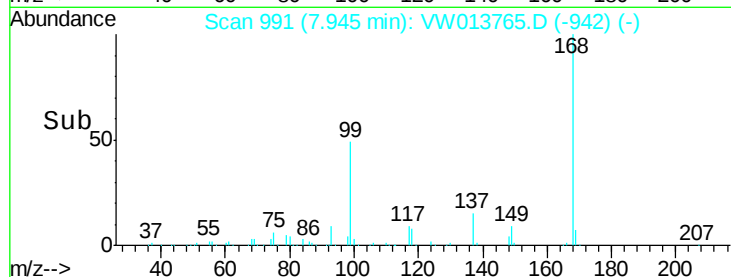
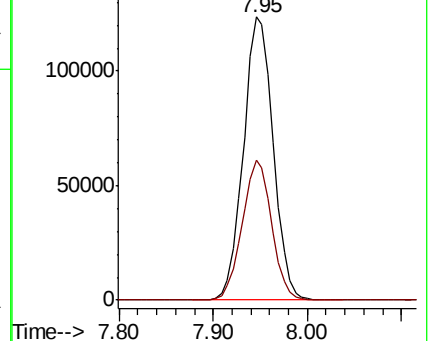
168 100

99 49.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.071 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.01 min

Lab File: VW013765.D

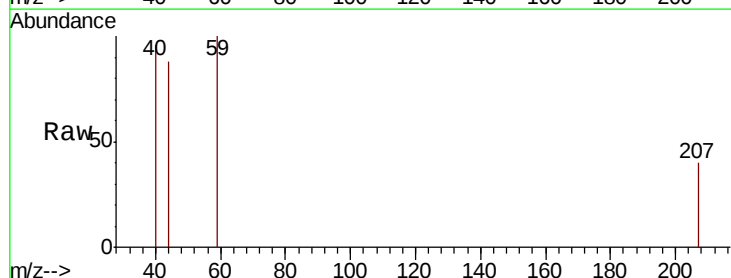
Acq: 28 Oct 2019 14:39

Tgt Ion: 59 Resp: 131

Ion Ratio Lower Upper

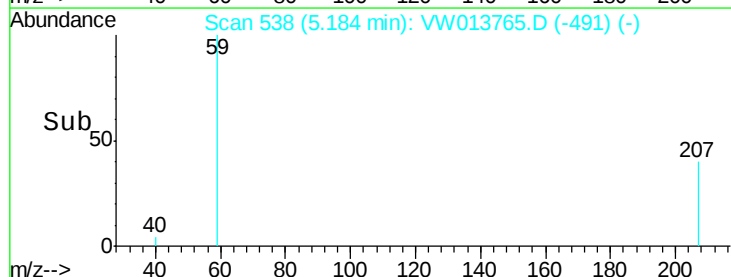
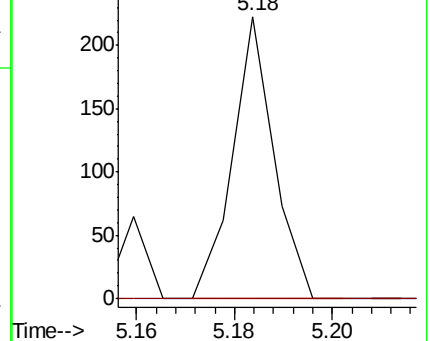
59 100

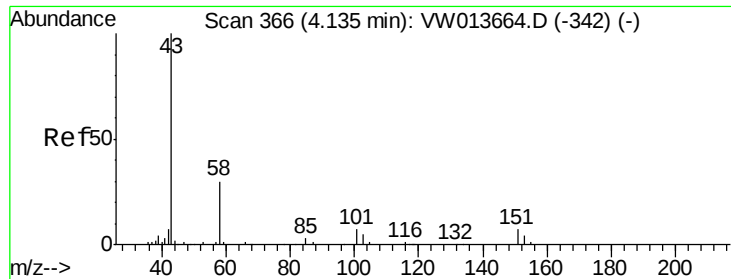
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

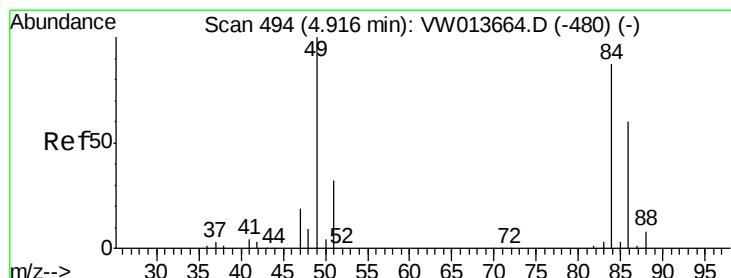
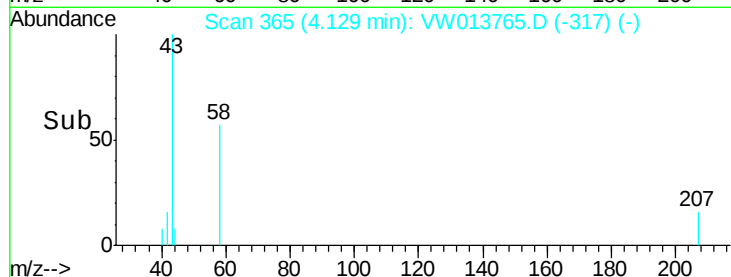
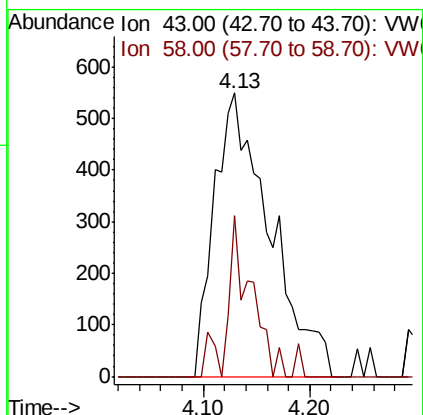
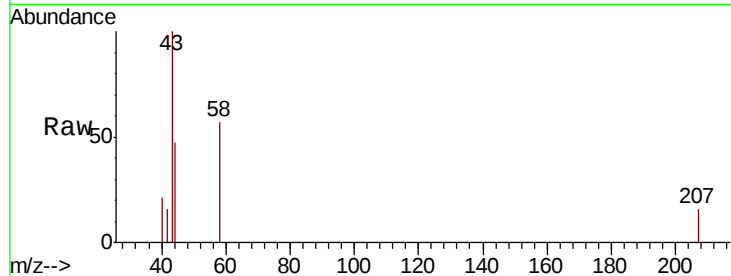




#16
Acetone
Concen: 4.564 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW013765.D
Acq: 28 Oct 2019 14:39

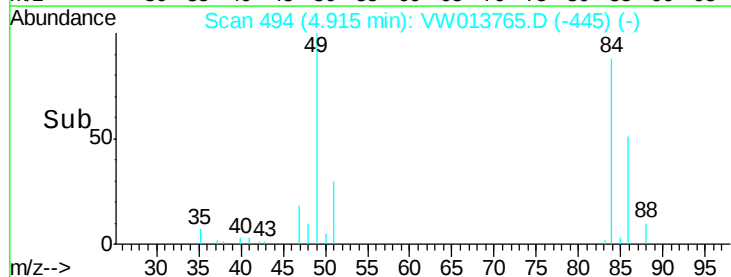
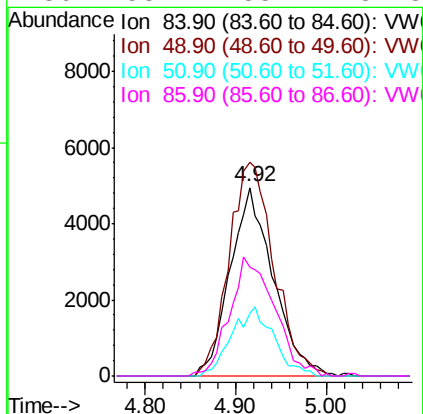
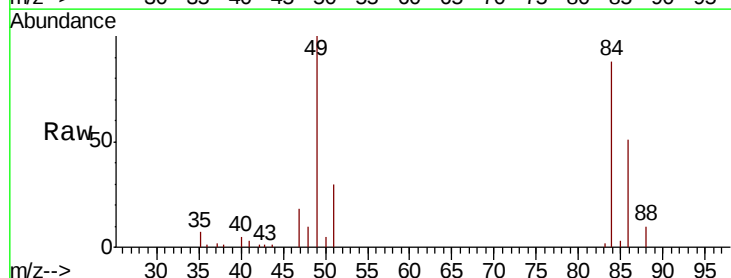
Instrument :
MSVOA_W
ClientSampleId :

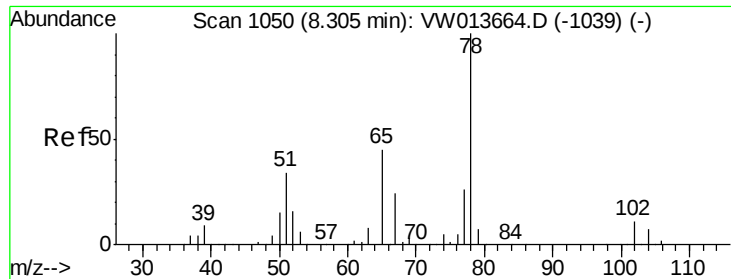
Tot Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 56.8 24.1 36.1#



#20
Methylene Chloride
Concen: 2.296 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013765.D
Acq: 28 Oct 2019 14:39

Tgt Ion: 84 Resp: 16318
Ion Ratio Lower Upper
84 100
49 113.5 91.8 137.6
51 33.7 29.8 44.6
86 58.2 55.2 82.8

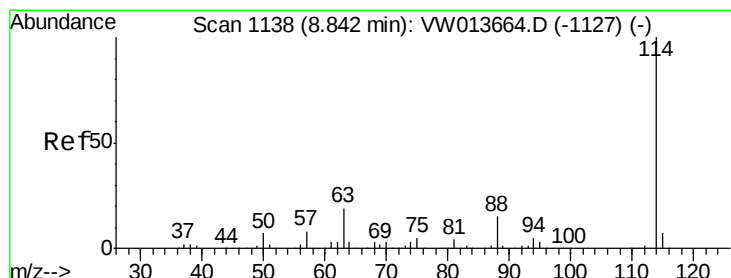
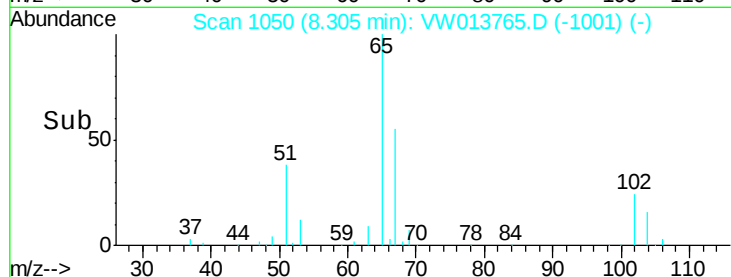
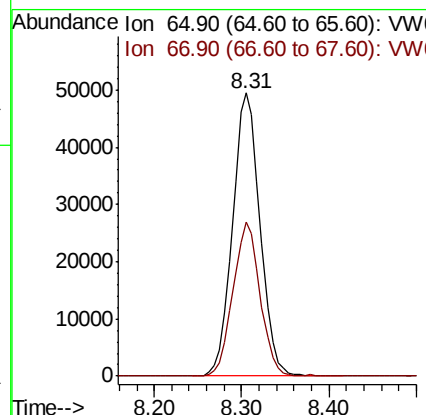
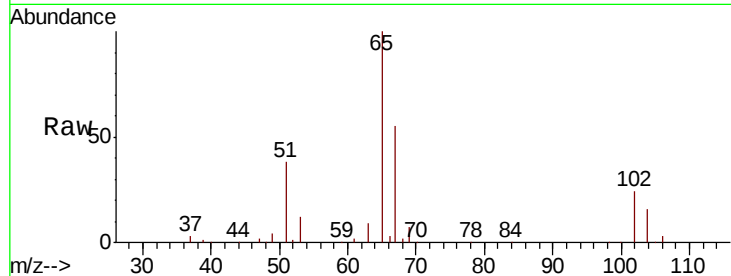




#33
 1,2-Dichloroethane-d4
 Concen: 52.498 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013765.D
 Acq: 28 Oct 2019 14:39

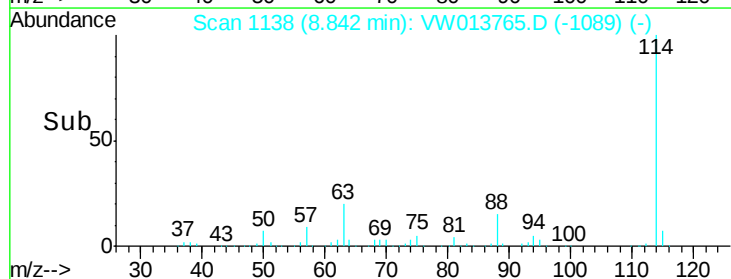
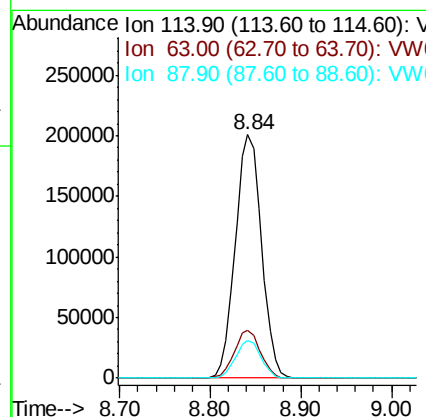
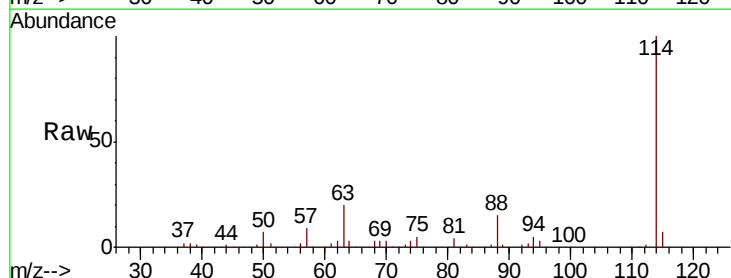
Instrument :
 MSVOA_W
 ClientSampled :

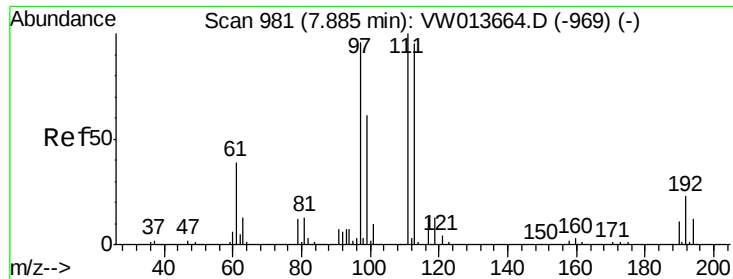
Tot Ion: 65 Resp: 107575
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013765.D
 Acq: 28 Oct 2019 14:39

Tgt Ion: 114 Resp: 402911
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.6
 88 15.4 0.0 30.2

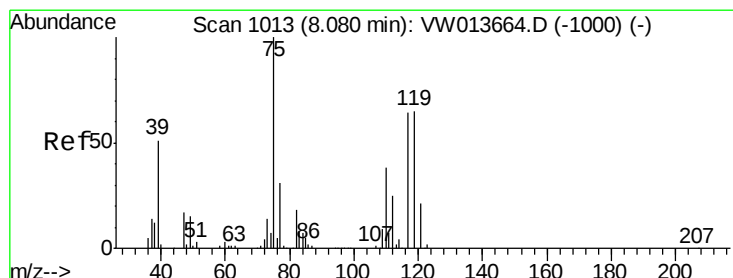
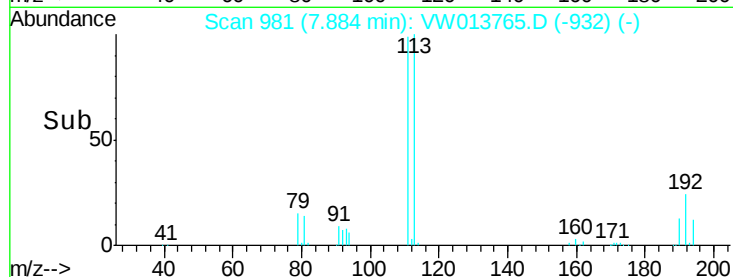
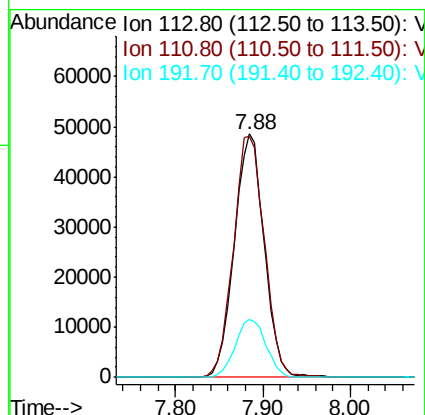
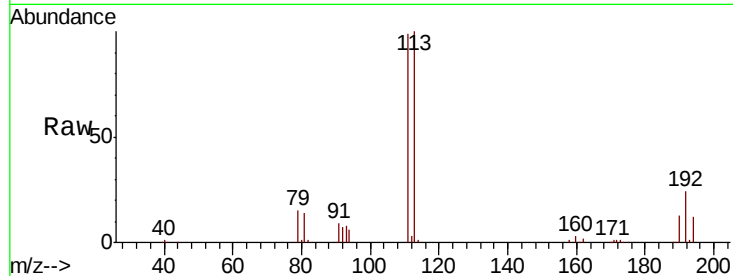




#35
 Dibromofluoromethane
 Concen: 51.597 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013765.D
 Acq: 28 Oct 2019 14:39

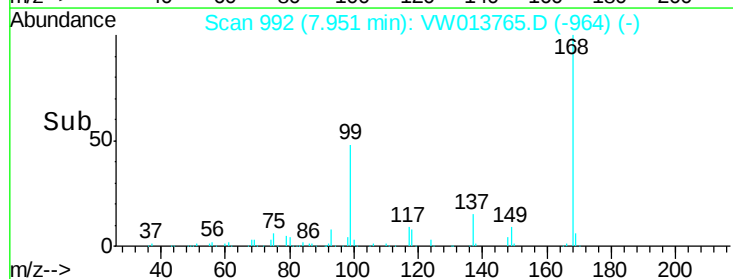
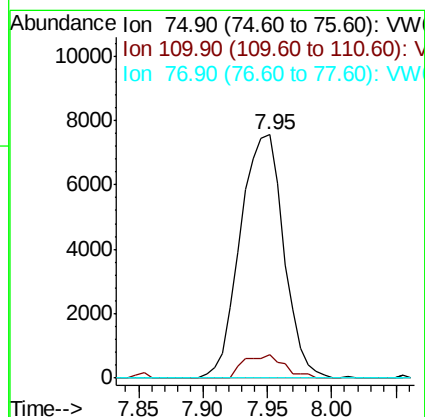
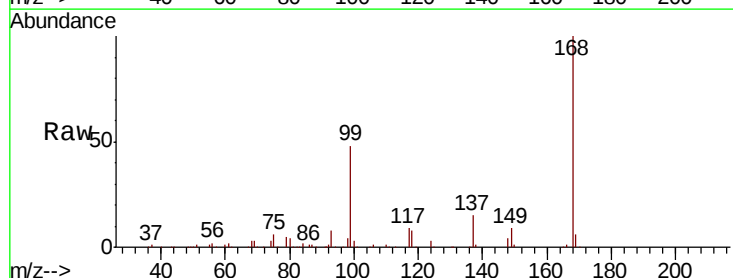
Instrument :
 MSVOA_W
 ClientSampleId :

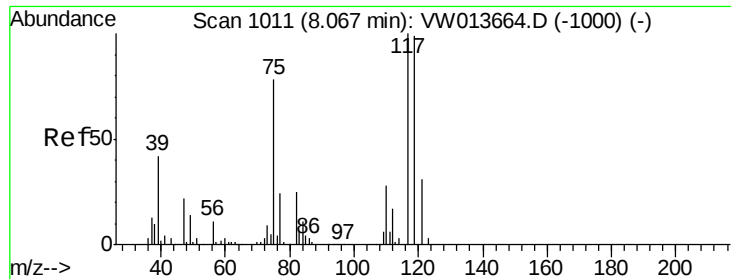
Tot Ion:113 Resp: 115515
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW013765.D
 Acq: 28 Oct 2019 14:39

Tgt Ion: 75 Resp: 17692
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.7 56.1#
 77 0.0 25.4 38.0#

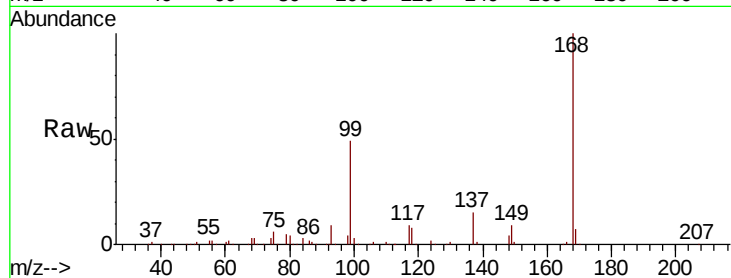




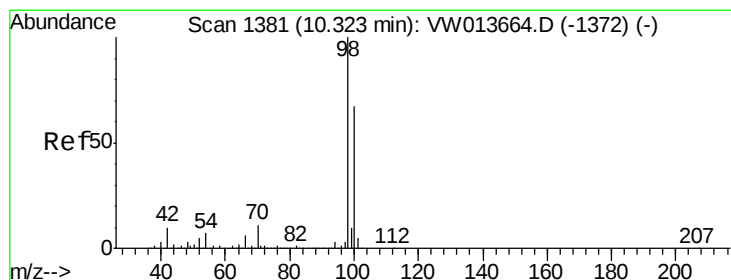
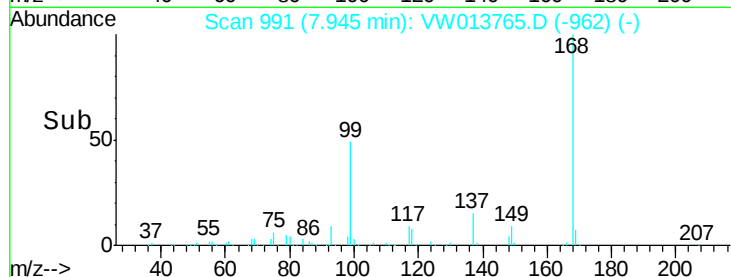
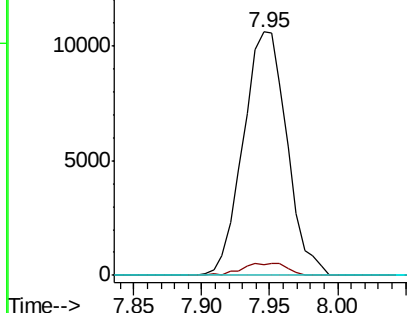
#38
Carbon Tetrachloride
Concen: 7.064 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013765.D
Acq: 28 Oct 2019 14:39

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 23870
Ion Ratio Lower Upper
117 100
119 4.3 79.0 118.4#
121 0.0 24.5 36.7#

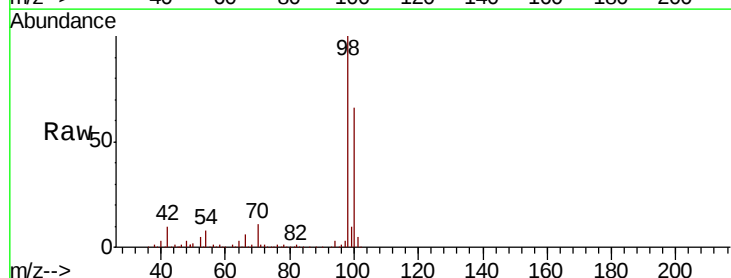


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

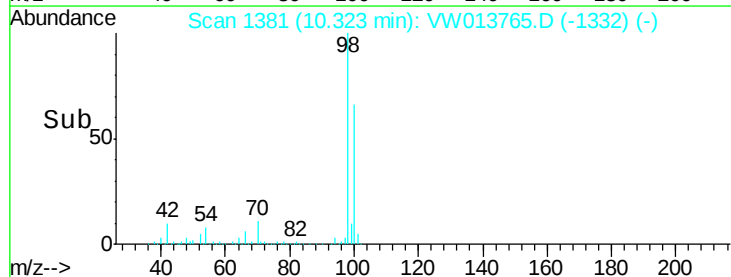
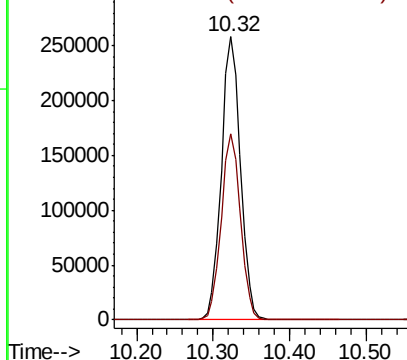


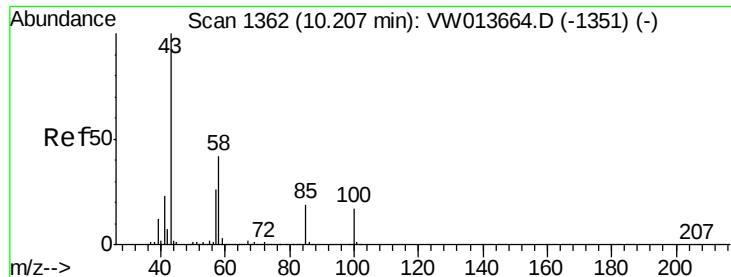
#50
Toluene-d8
Concen: 48.985 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013765.D
Acq: 28 Oct 2019 14:39

Tgt Ion: 98 Resp: 446865
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): VW





#51

4-Methyl-2-Pentanone

Concen: 1.276 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013765.D

Acq: 28 Oct 2019 14:39

Instrument :

MSVOA_W

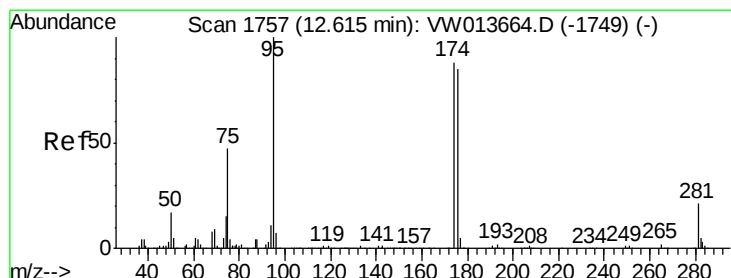
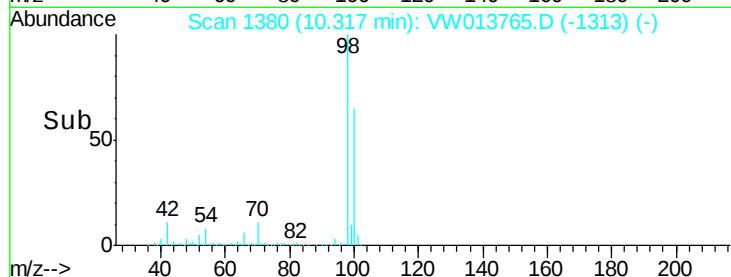
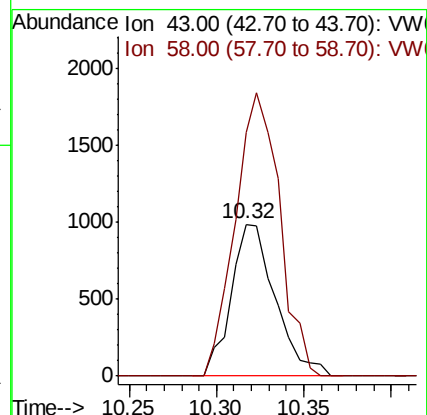
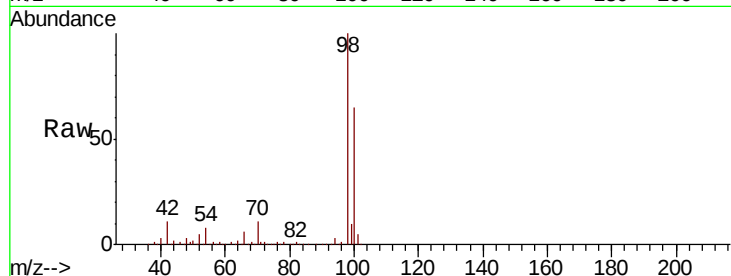
ClientSampleId :

Tot Ion: 43 Resp: 1743

Ion Ratio Lower Upper

43 100

58 187.2 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 37.290 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW013765.D

Acq: 28 Oct 2019 14:39

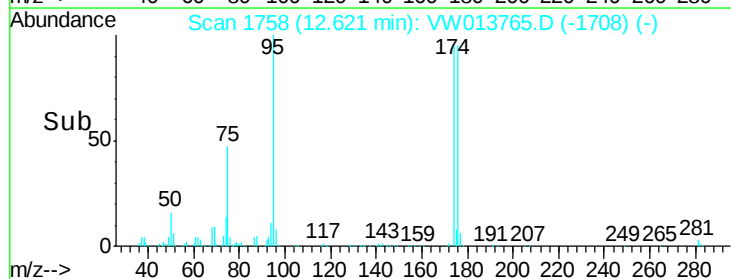
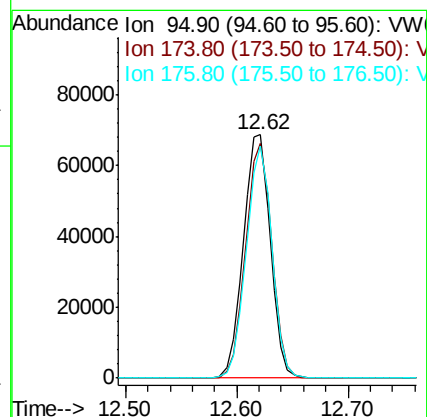
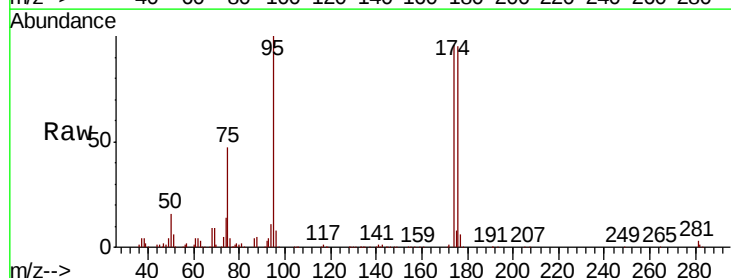
Tgt Ion: 95 Resp: 115187

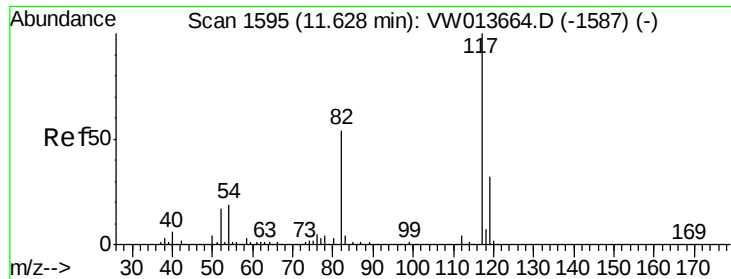
Ion Ratio Lower Upper

95 100

174 94.1 0.0 183.6

176 90.9 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013765.D

Acq: 28 Oct 2019 14:39

Instrument :

MSVOA_W

ClientSampled :

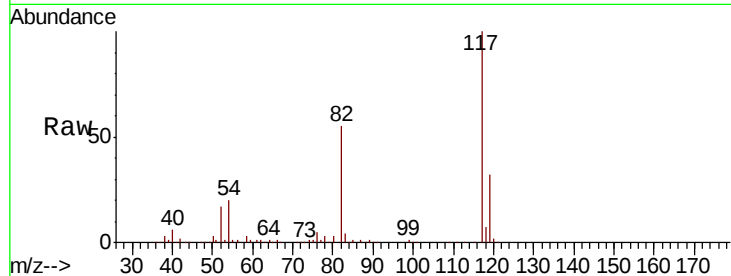
Tot Ion:117 Resp: 305218

Ion Ratio Lower Upper

117 100

82 55.2 43.6 65.4

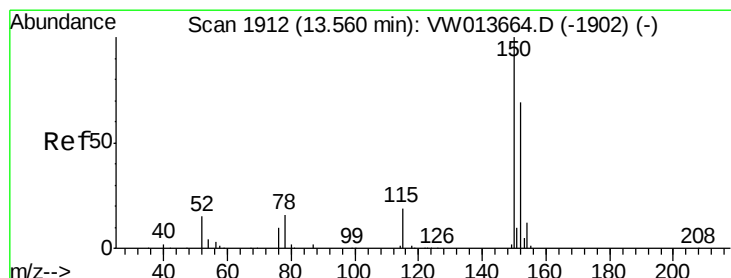
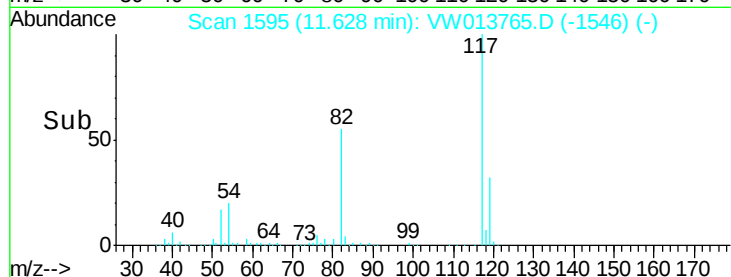
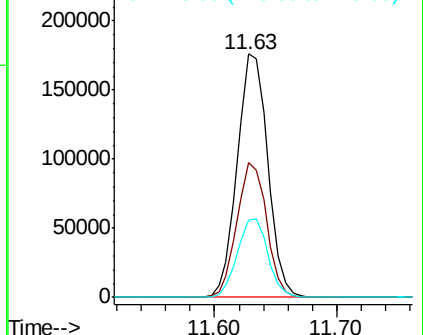
119 31.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW013765.D

Acq: 28 Oct 2019 14:39

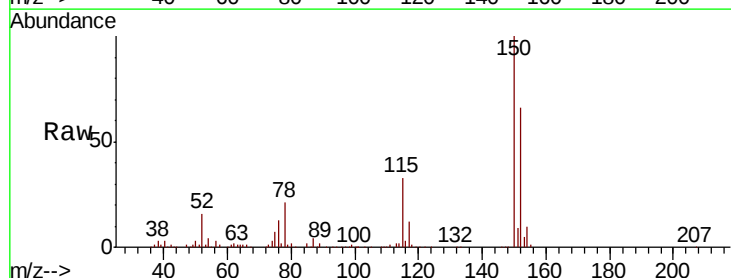
Tgt Ion:152 Resp: 105673

Ion Ratio Lower Upper

152 100

115 52.8 27.4 82.2

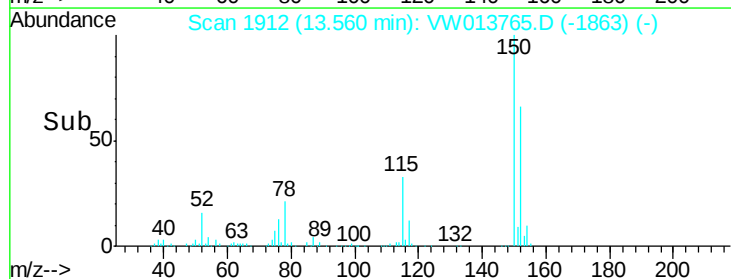
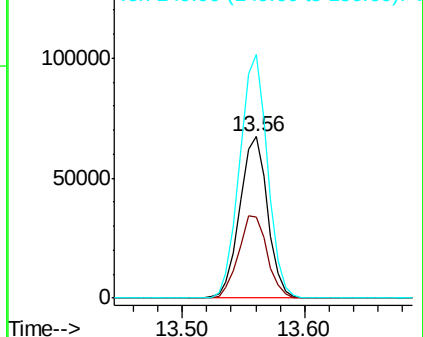
150 151.8 0.0 345.4

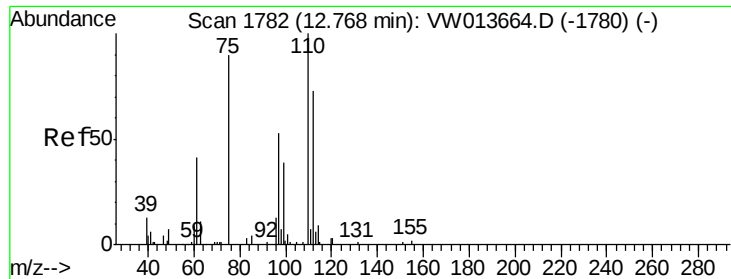


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 73.116 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013765.D

Acq: 28 Oct 2019 14:39

Instrument :

MSVOA_W

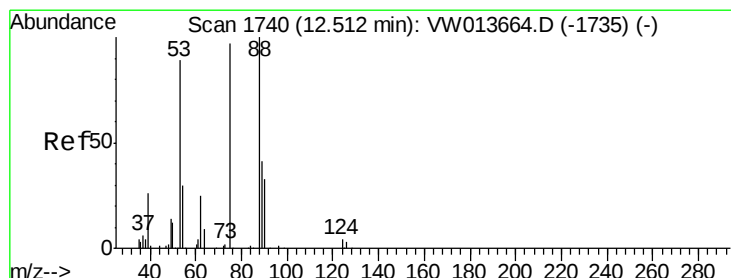
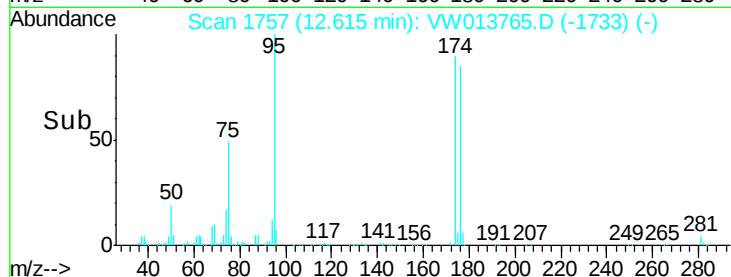
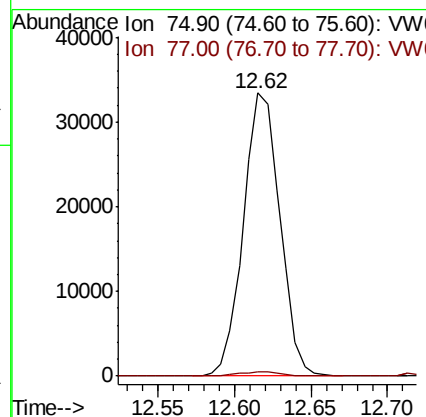
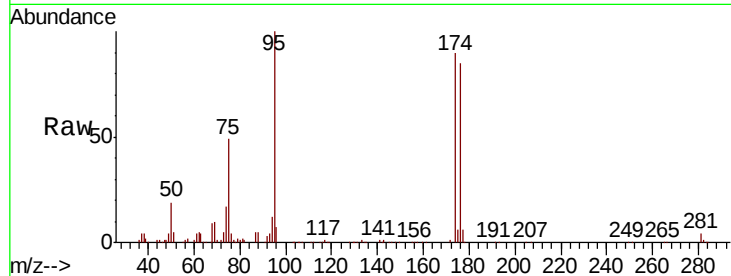
ClientSampleId :

Tot Ion: 75 Resp: 55486

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.178 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013765.D

Acq: 28 Oct 2019 14:39

Tgt Ion: 75 Resp: 55486

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

