

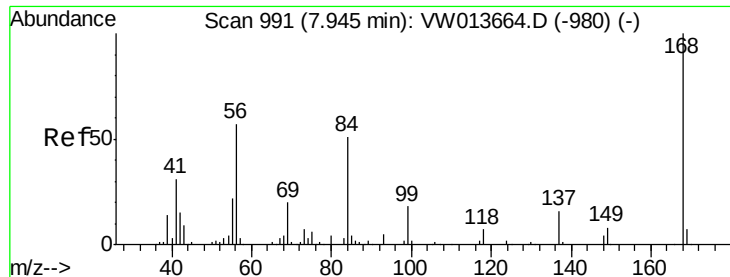
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013770.D
 Acq On : 28 Oct 2019 16:50
 Operator : SY/VA
 Sample : K5539-18RE
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 11:47:25 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	279921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	135707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118134	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
35) Dibromofluoromethane	7.88	113	122441	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.32	98	471661	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	138742	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1191	2.675	ug/l	98
20) Methylene Chloride	4.92	84	3503	Below Cal	#	86
36) 1,1-Dichloropropene	7.94	75	17564	4.502	ug/l #	50
38) Carbon Tetrachloride	7.95	117	24107	6.862	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1974	1.390	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	65930	67.651	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65930	127.850	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Instrument :

MSVOA_W

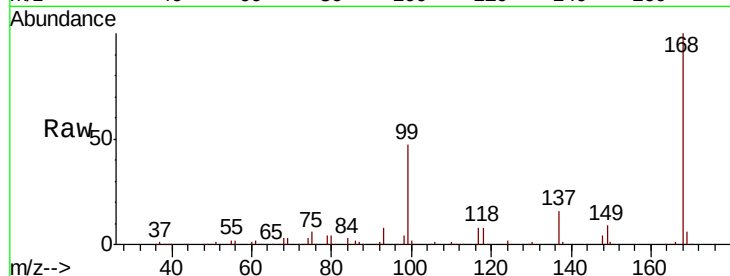
ClientSampleId :

Tot Ion:168 Resp: 279921

Ion Ratio Lower Upper

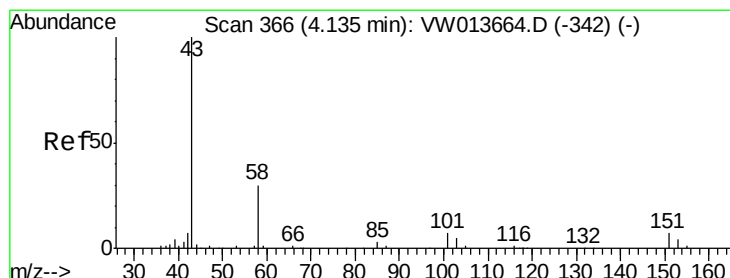
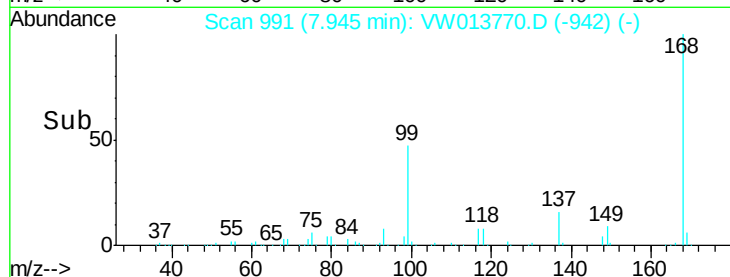
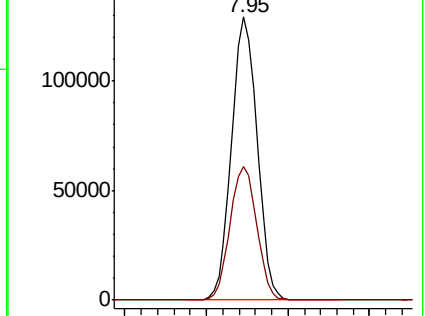
168 100

99 47.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.675 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013770.D

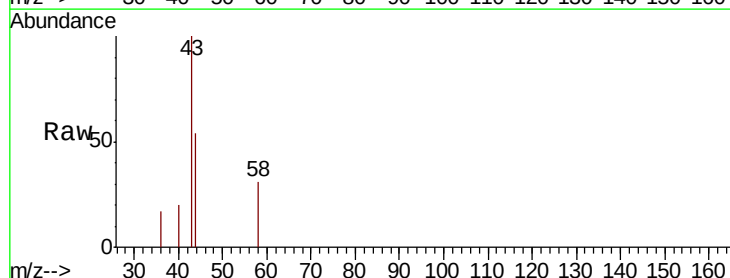
Acq: 28 Oct 2019 16:50

Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

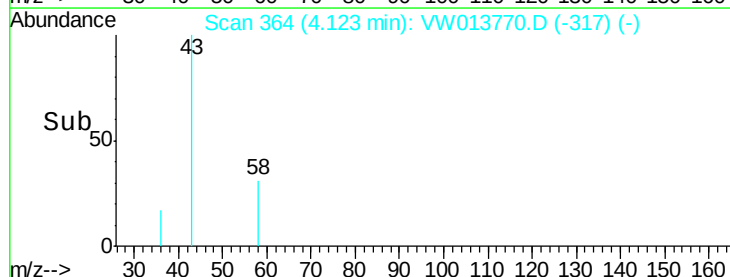
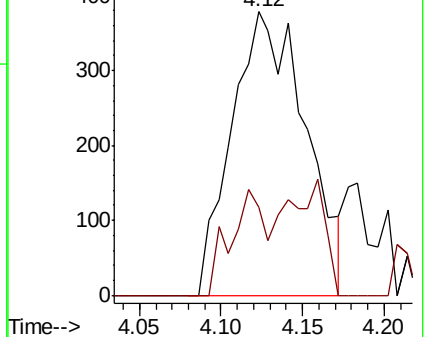
43 100

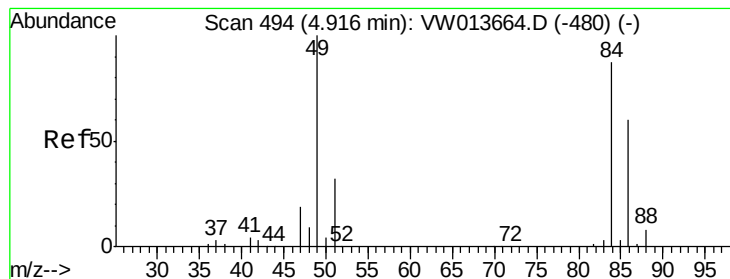
58 31.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

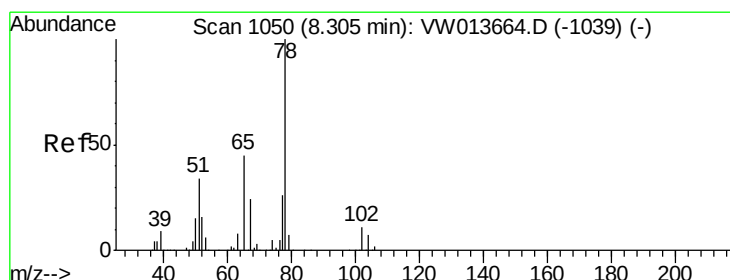
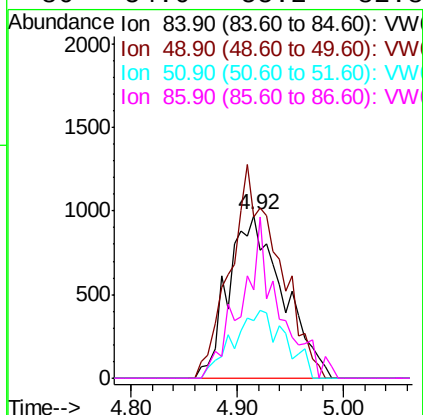
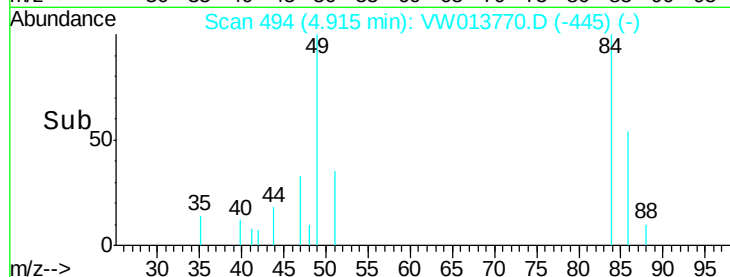
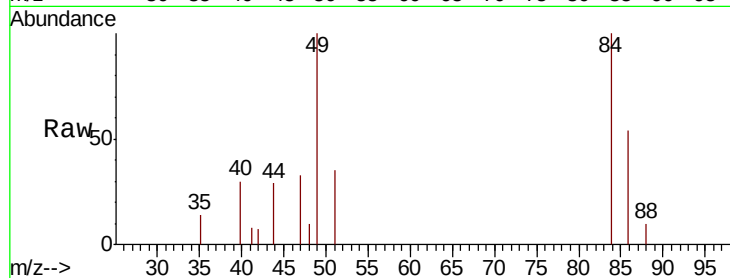
Delta R.T. 0.00 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	3503
Ion	Ratio	Lower	Upper
84	100		
49	99.6	91.8	137.6
51	35.1	29.8	44.6
86	54.0	55.2	82.8#



#33

1,2-Dichloroethane-d4

Concen: 56.258 ug/l

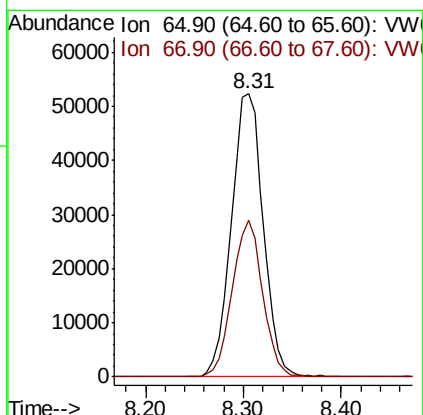
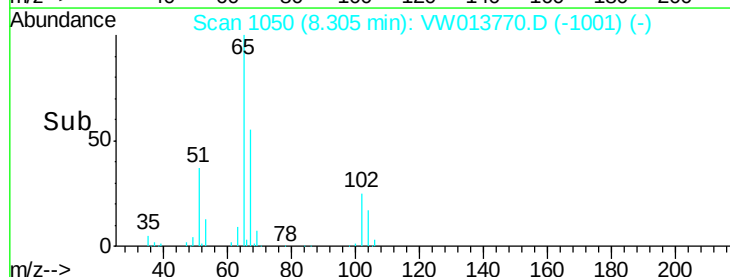
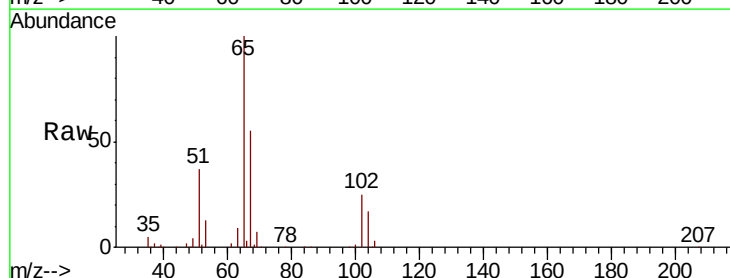
RT: 8.31 min Scan# 1050

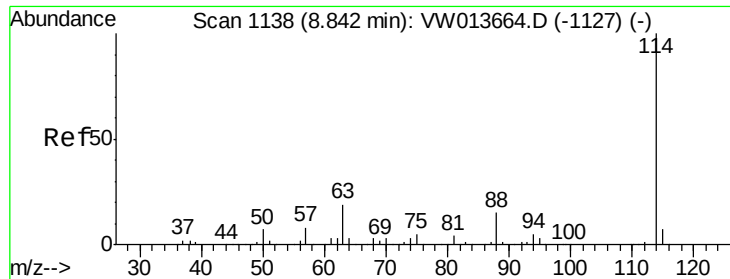
Delta R.T. -0.00 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Tgt Ion:	65	Resp:	118134
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.4

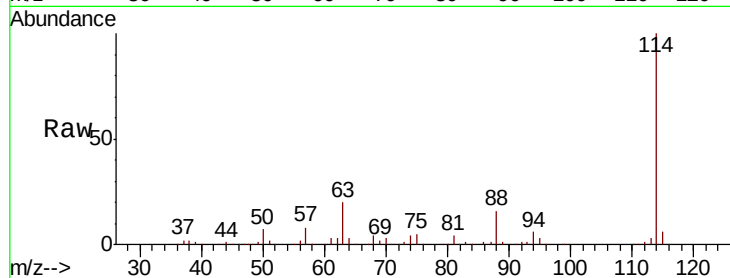




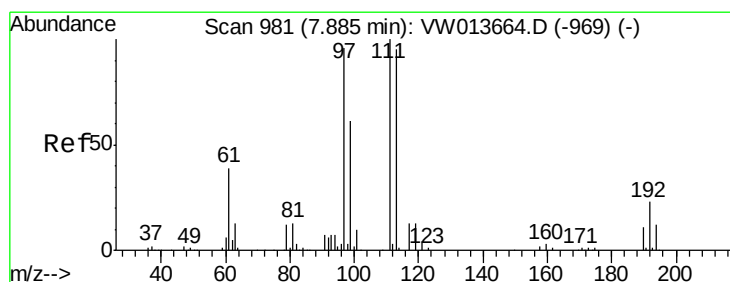
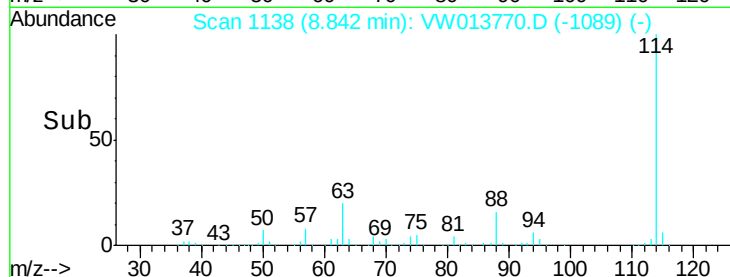
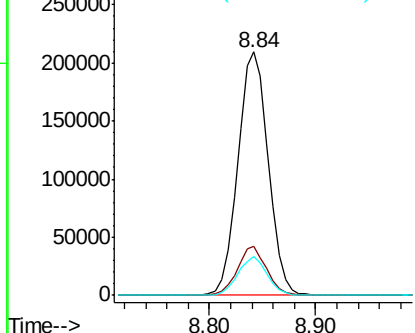
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:114 Resp: 418921
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.6
88 16.2 0.0 30.2

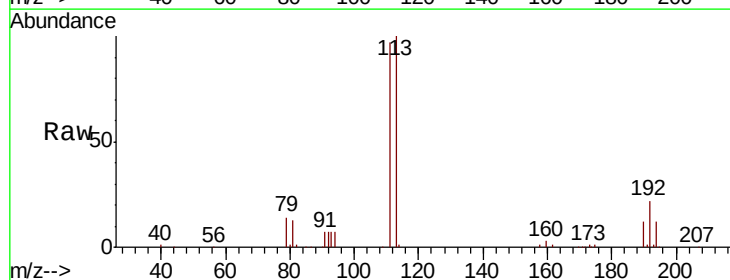


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

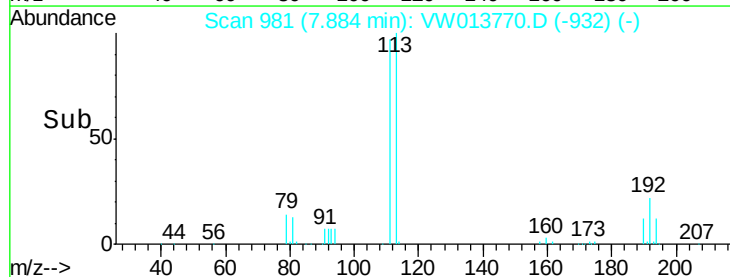
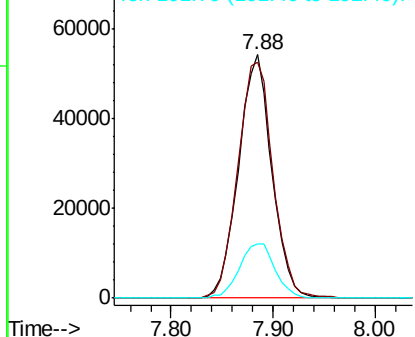


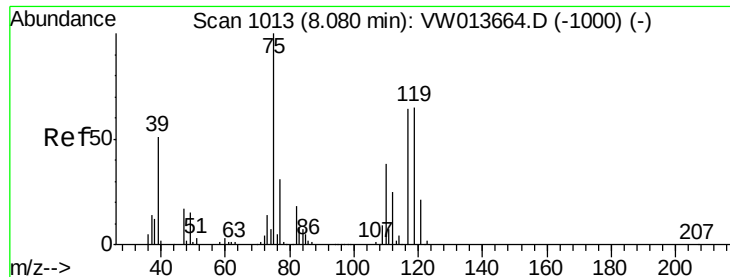
#35
Dibromofluoromethane
Concen: 52.600 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Tgt Ion:113 Resp: 122441
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 24.1 19.4 29.2



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: 4.502 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Instrument :

MSVOA_W

ClientSampled :

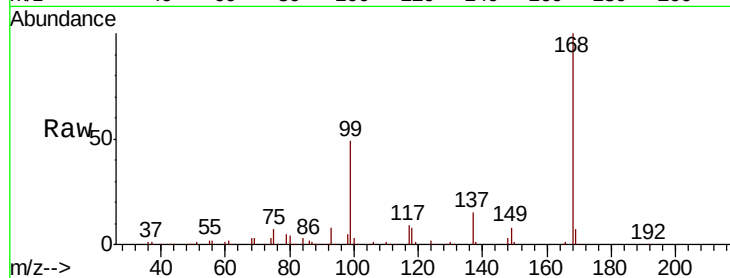
Tot Ion: 75 Resp: 17564

Ion Ratio Lower Upper

75 100

110 10.5 18.7 56.1#

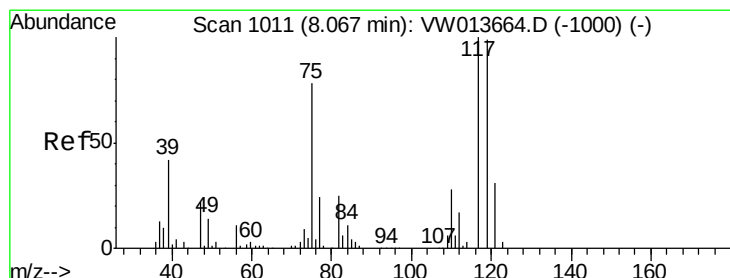
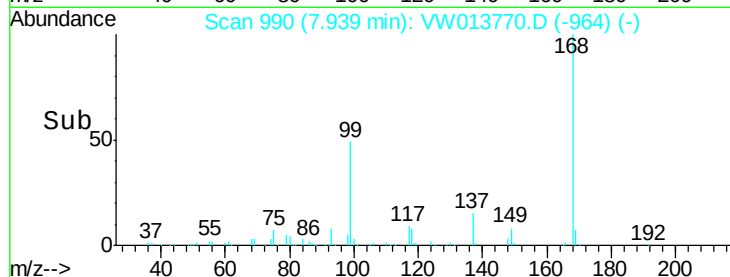
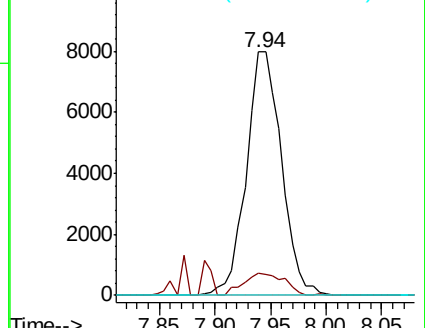
77 0.0 25.4 38.0#



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: 6.862 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

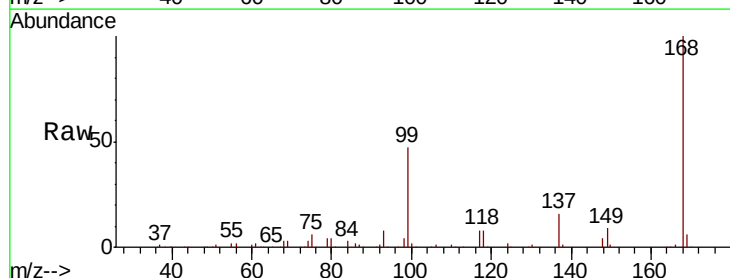
Tgt Ion: 117 Resp: 24107

Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.4#

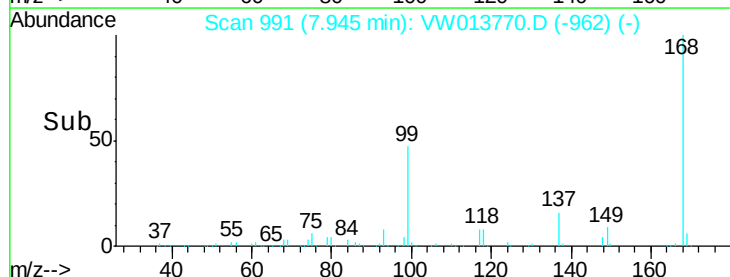
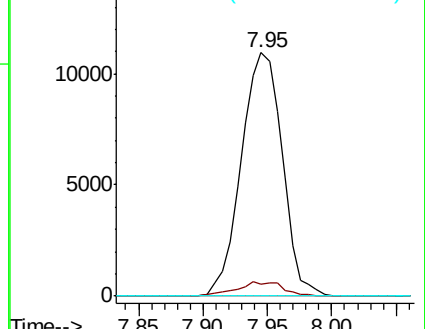
121 0.0 24.5 36.7#

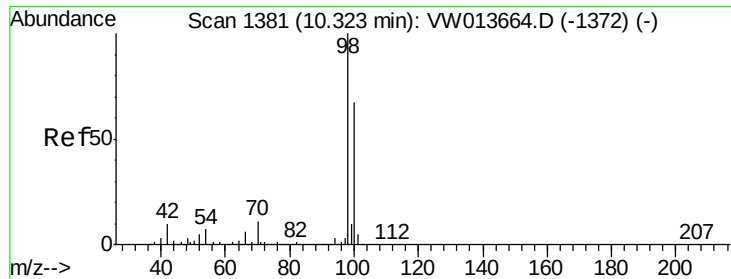


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

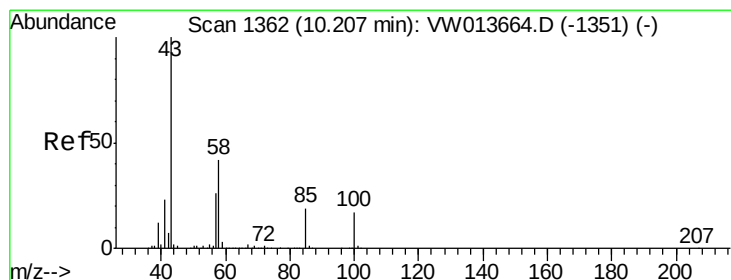
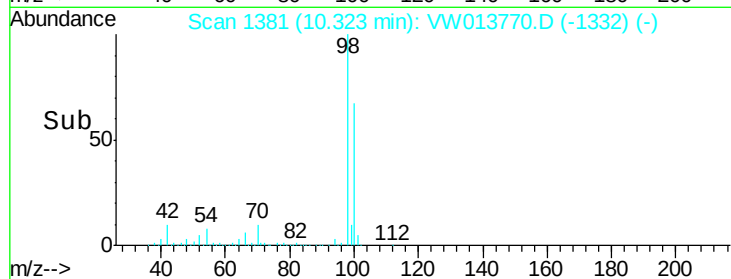
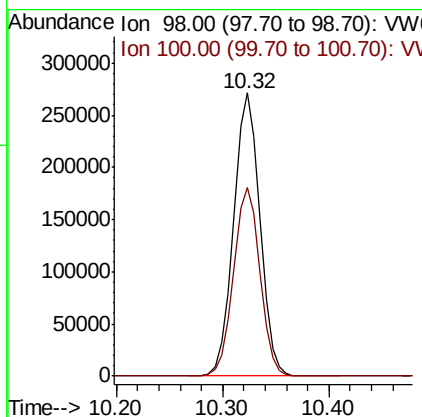
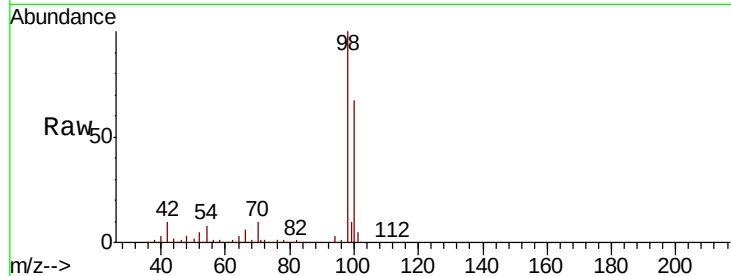




#50
Toluene-d8
Concen: 49.727 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

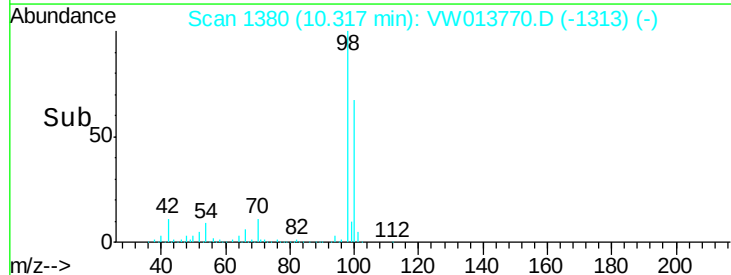
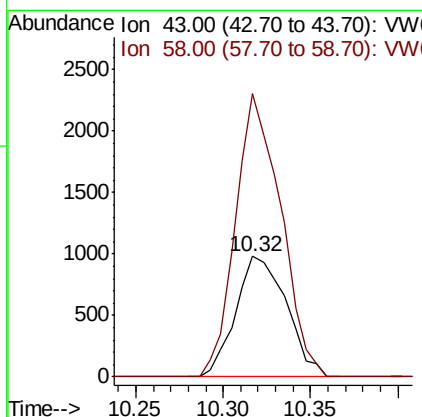
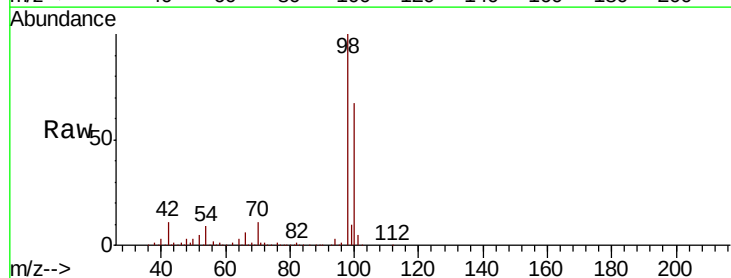
Instrument :
MSVOA_W
ClientSampleId :

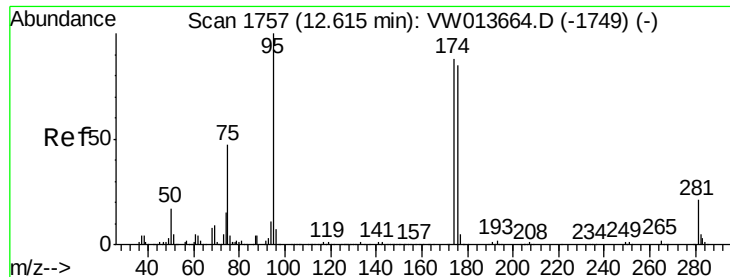
Tot Ion: 98 Resp: 471661
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 1.390 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.11 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 210.1 32.6 49.0#

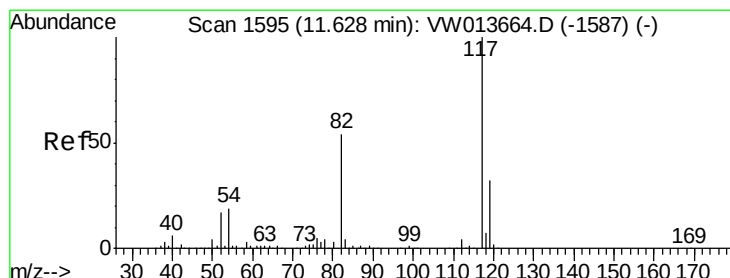
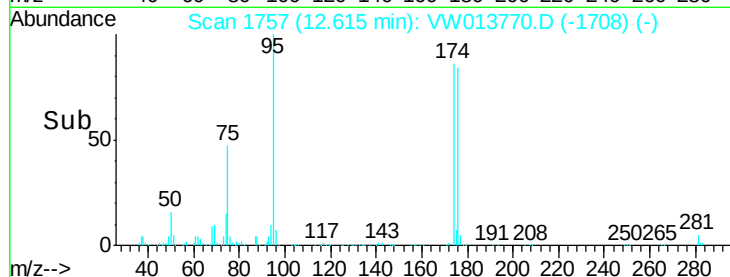
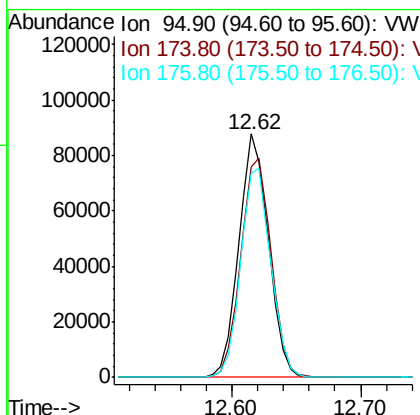
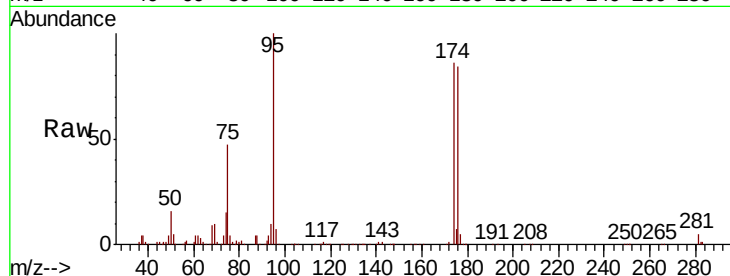




#62
4-Bromofluorobenzene
Concen: 43.200 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

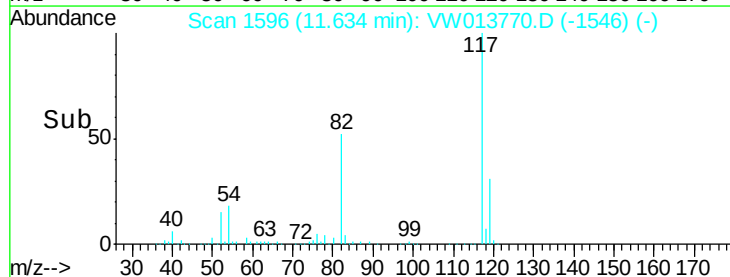
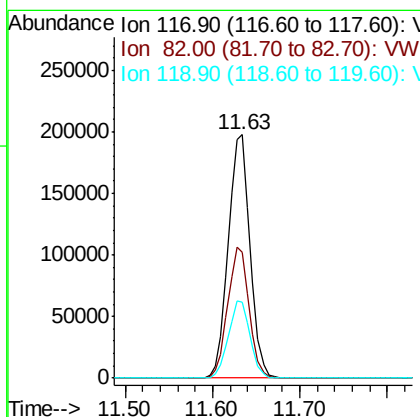
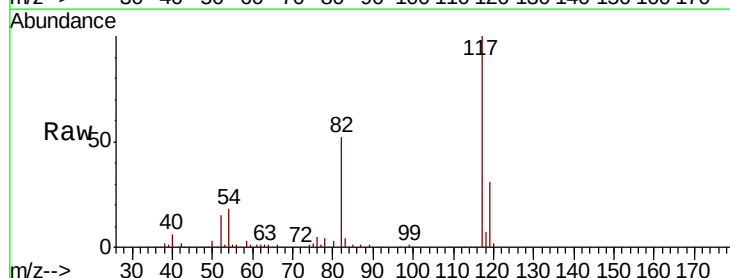
Instrument :
MSVOA_W
ClientSampleId :

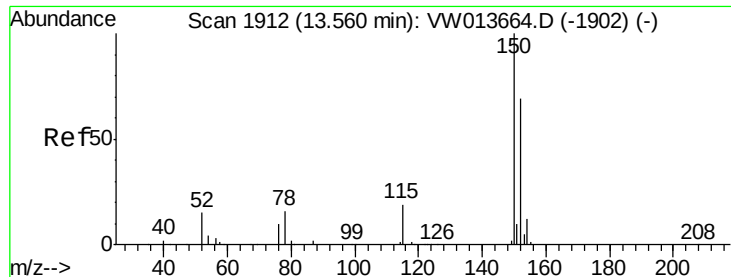
Tot Ion: 95 Resp: 138742
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.6
176 87.2 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Tgt Ion: 117 Resp: 341428
Ion Ratio Lower Upper
117 100
82 51.5 43.6 65.4
119 31.2 25.4 38.2



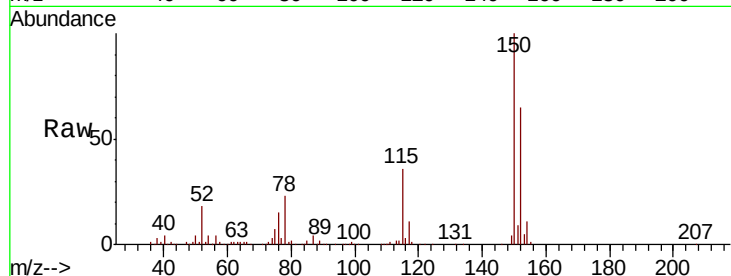


#72

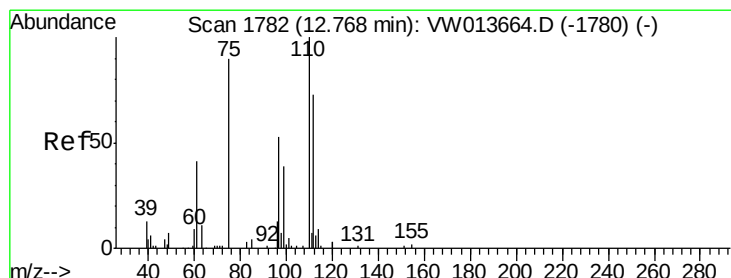
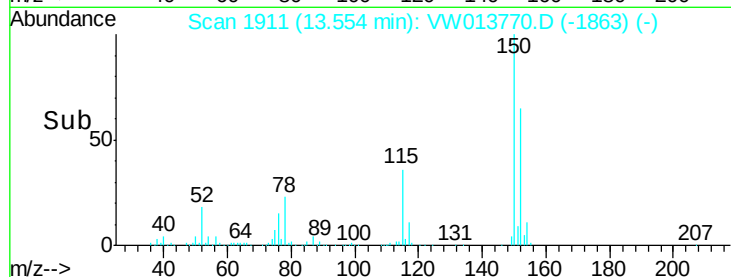
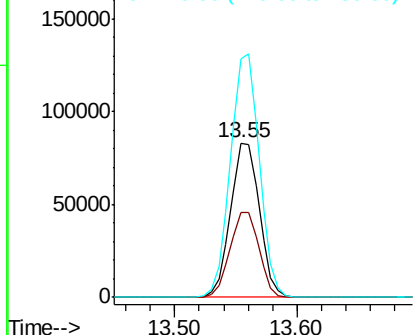
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.4	82.2
150	157.3	0.0	345.4



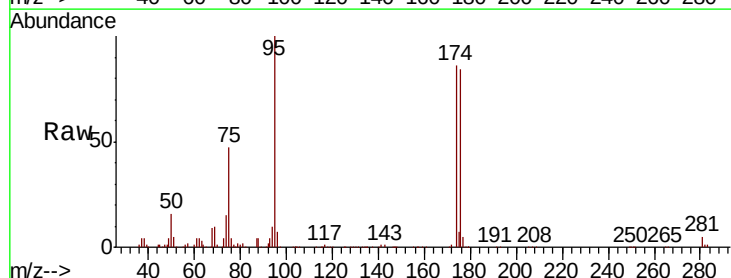
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



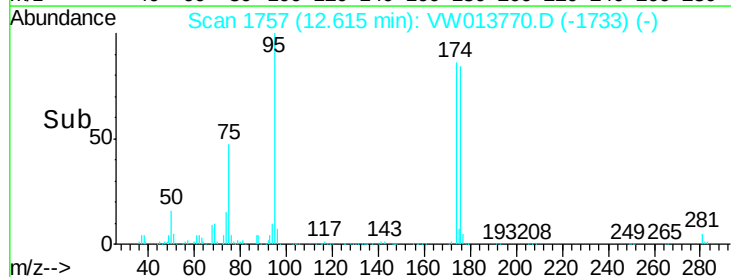
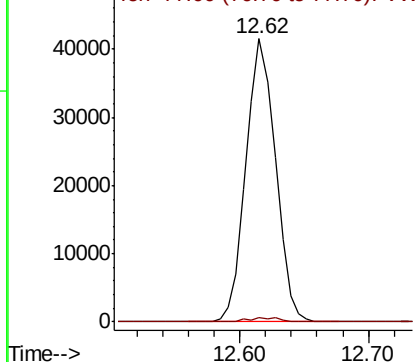
#76

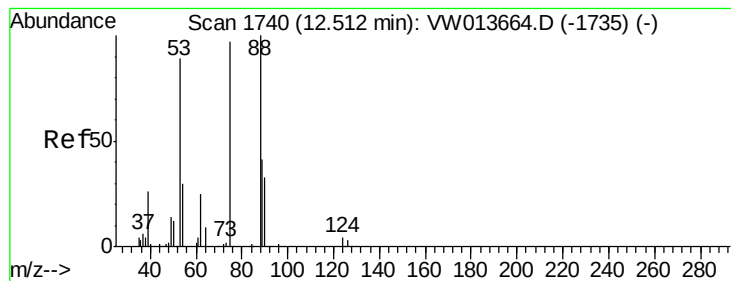
1,2,3-Trichloropropane
Concen: 67.651 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013770.D
Acq: 28 Oct 2019 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	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: 127.850 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013770.D

Acq: 28 Oct 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

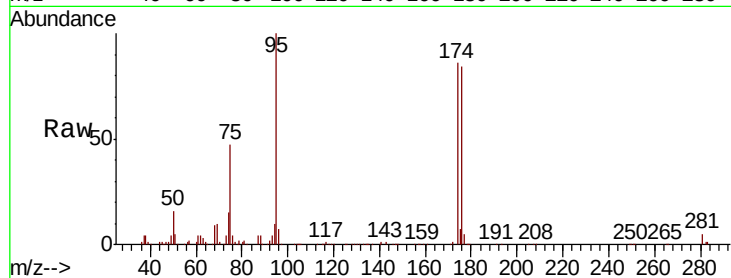
Tot Ion: 75 Resp: 65930

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#



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

