

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013716.D
 Acq On : 24 Oct 2019 17:36
 Operator : SY/VA
 Sample : K5501-06RE
 Misc : 9.43G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 07:59:24 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

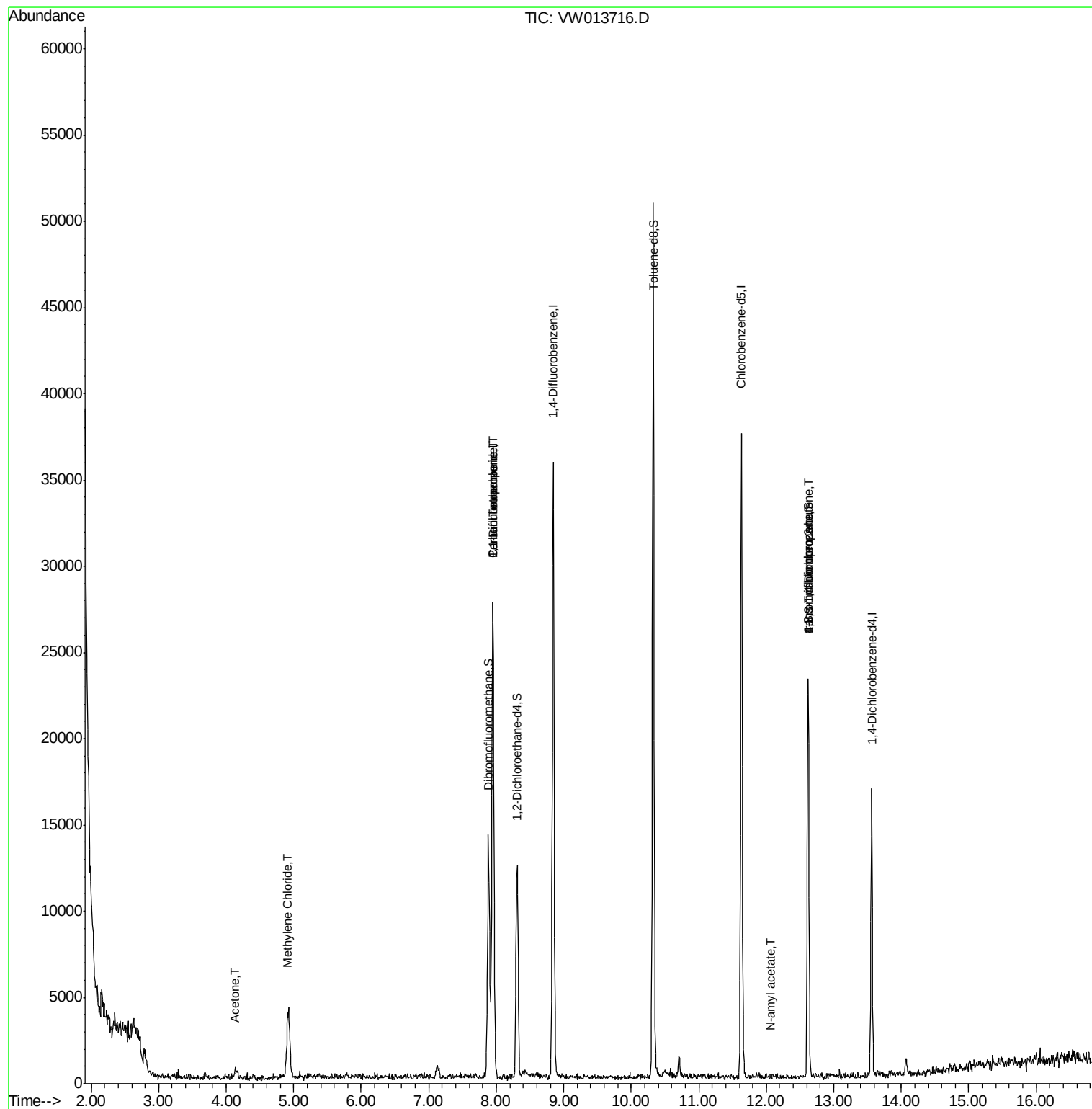
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	23187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9569	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
35) Dibromofluoromethane	7.89	113	10323	60.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.32%	
50) Toluene-d8	10.32	98	35194	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	7141	30.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.32%	
Target Compounds						
16) Acetone	4.14	43	1152	31.236	ug/l	97
20) Methylene Chloride	4.90	84	1434	2.562	ug/l #	71
36) 1,1-Dichloropropene	7.96	75	1542	5.361	ug/l #	43
38) Carbon Tetrachloride	7.95	117	2189	8.452	ug/l #	11
74) N-amyl acetate	12.07	43	82	1.184	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	3673	102.559	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	3673	193.822	ug/l #	14

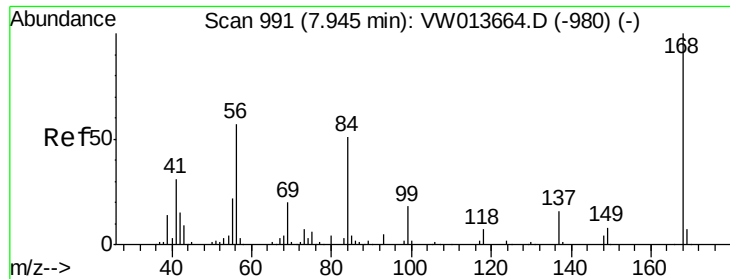
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013716.D

Acq: 24 Oct 2019 17:36

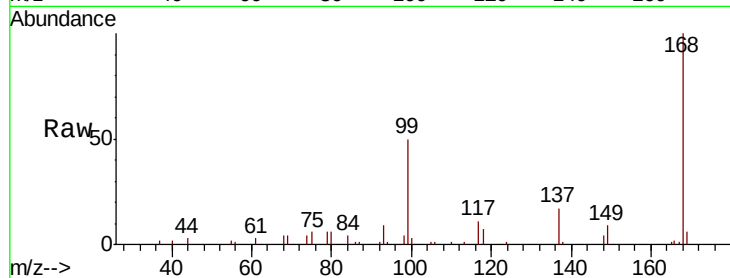
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 23187

Ion Ratio Lower Upper

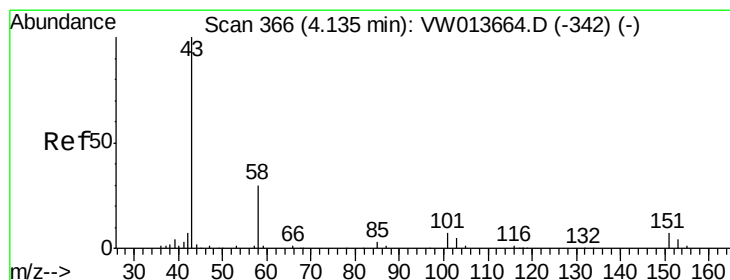
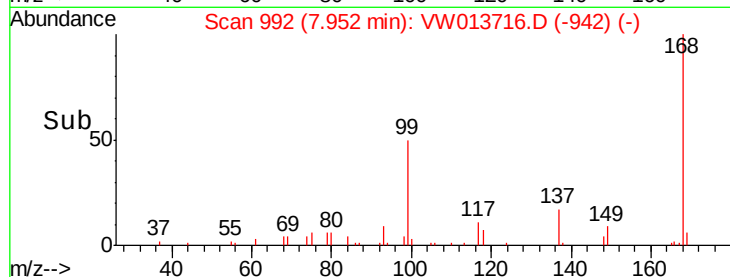
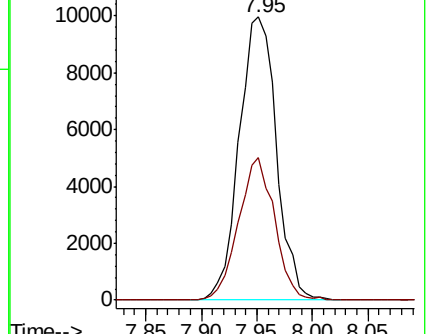
168 100

99 50.3 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: 31.236 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013716.D

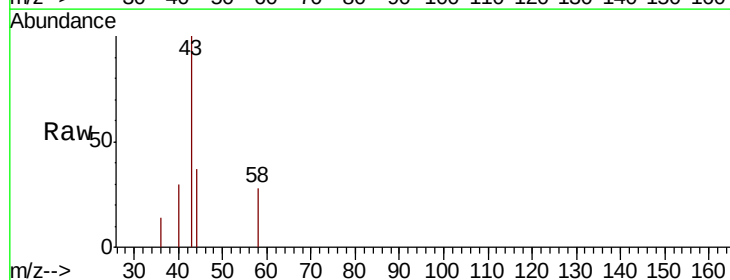
Acq: 24 Oct 2019 17:36

Tgt Ion: 43 Resp: 1152

Ion Ratio Lower Upper

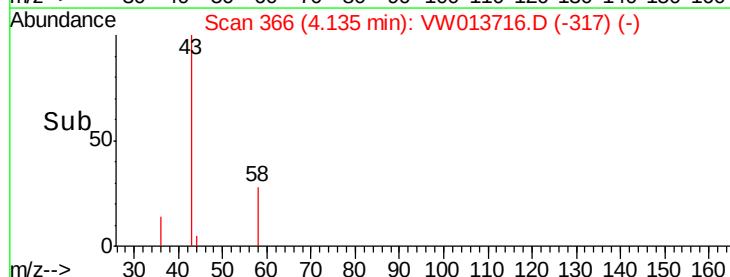
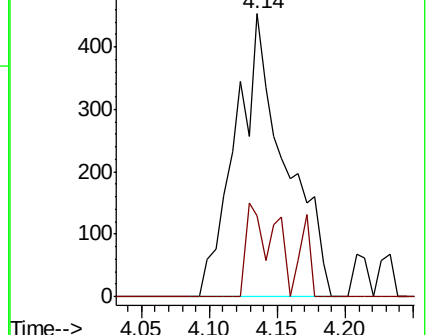
43 100

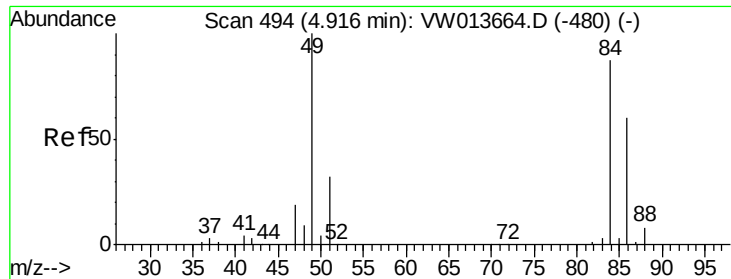
58 28.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

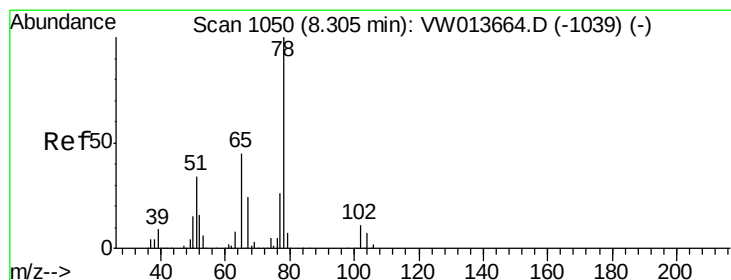
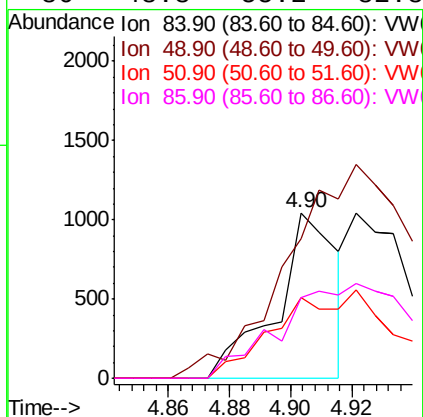
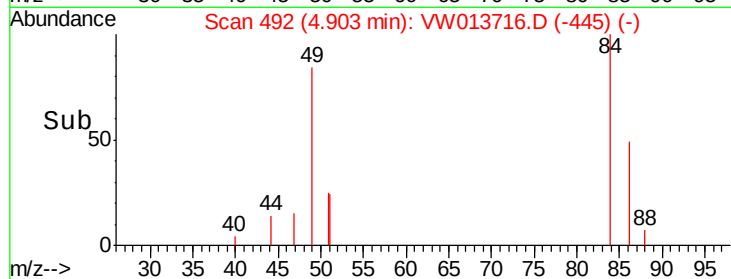
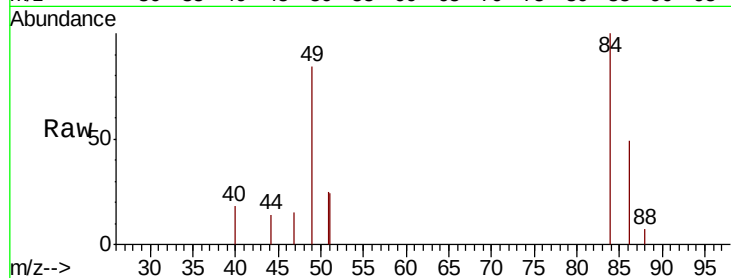




#20
Methylene Chloride
Concen: 2.562 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

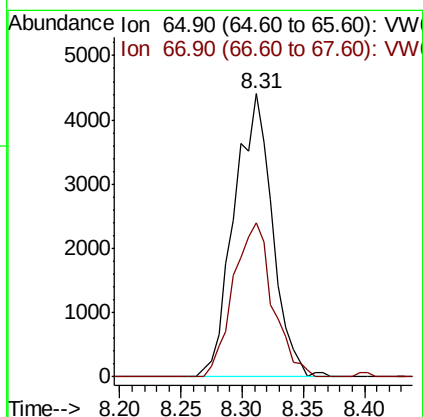
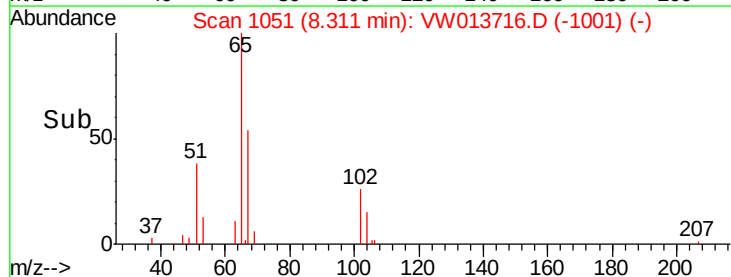
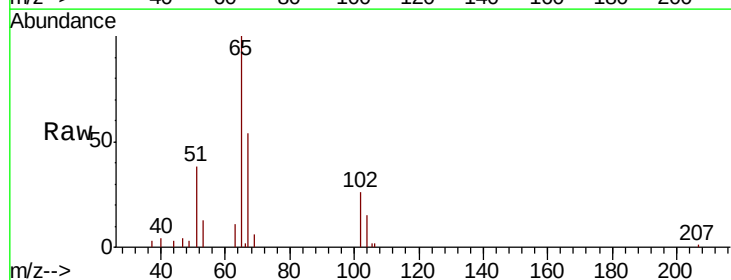
Instrument :
MSVOA_W
ClientSampled :

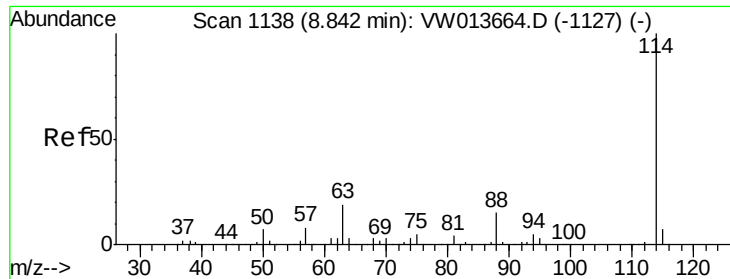
Tot Ion: 84 Resp: 1434
Ion Ratio Lower Upper
84 100
49 77.8 91.8 137.6#
51 48.9 29.8 44.6#
86 48.8 55.2 82.8#



#33
1,2-Dichloroethane-d4
Concen: 55.013 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Tgt Ion: 65 Resp: 9569
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.4

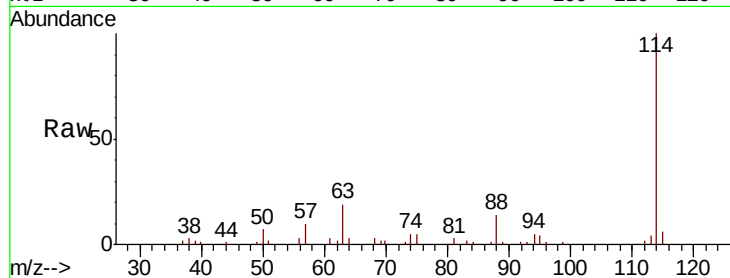




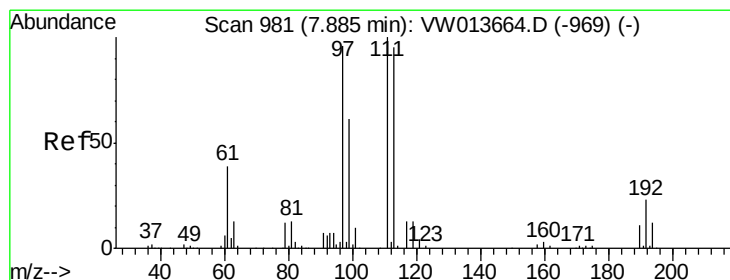
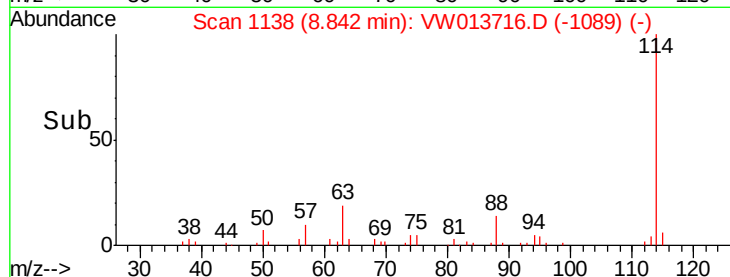
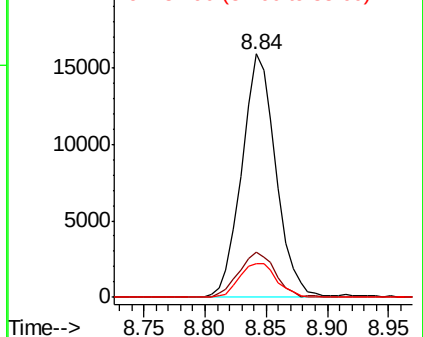
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 30883
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 14.1 0.0 30.2

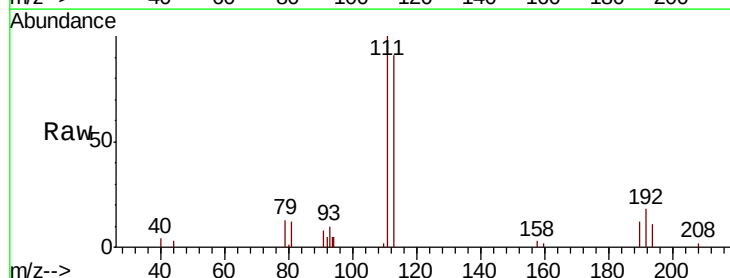


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

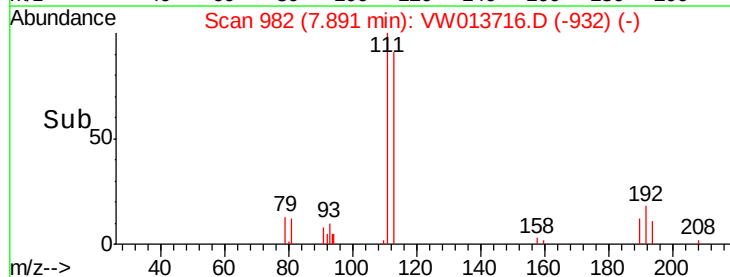
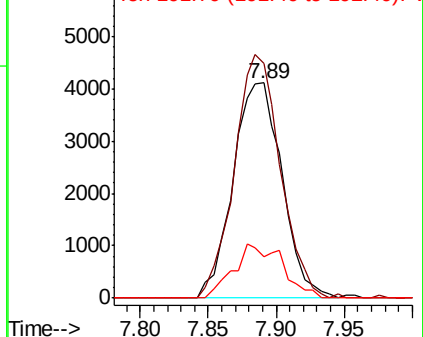


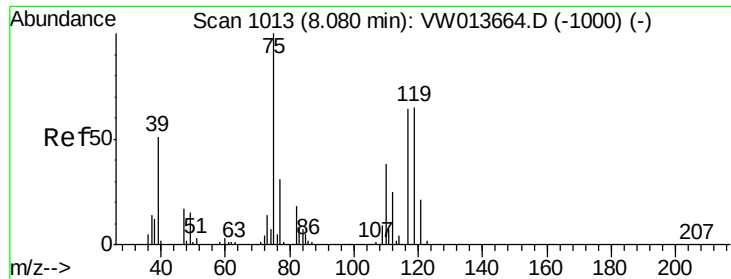
#35
Dibromofluoromethane
Concen: 60.156 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Tgt Ion:113 Resp: 10323
Ion Ratio Lower Upper
113 100
111 106.7 83.0 124.6
192 25.0 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

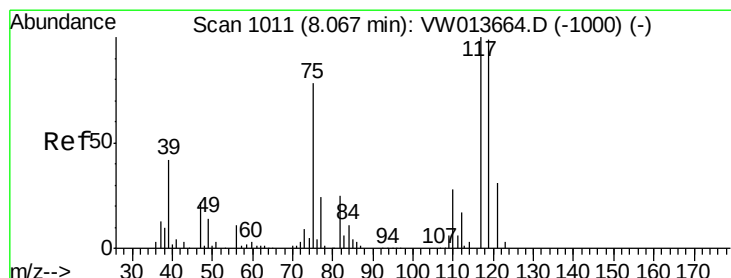
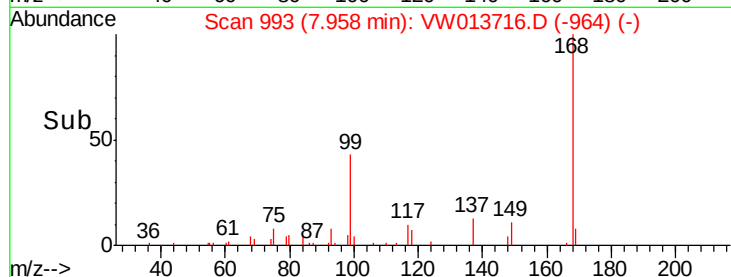
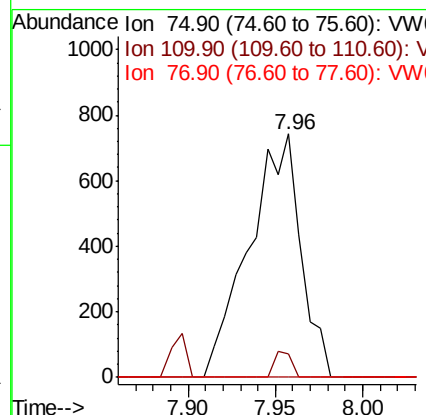
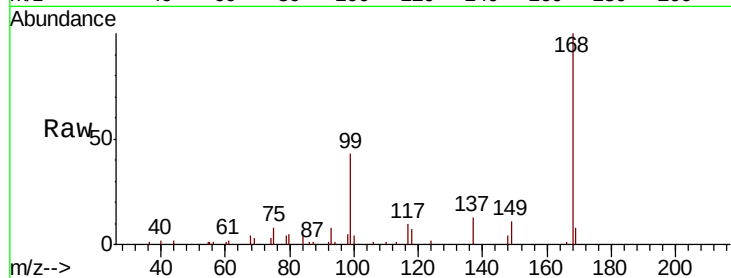




#36
 1,1-Dichloropropene
 Concen: 5.361 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW013716.D
 Acq: 24 Oct 2019 17:36

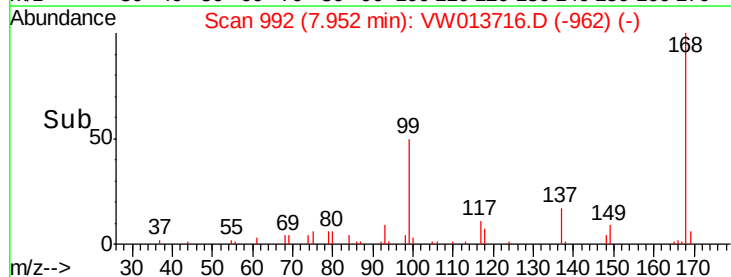
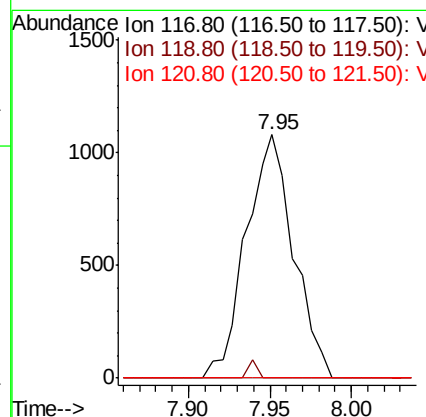
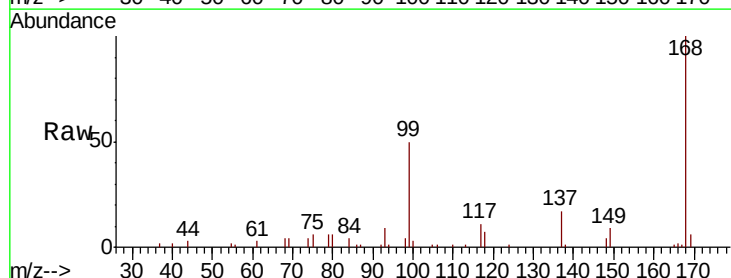
Instrument :
 MSVOA_W
 ClientSampleId :

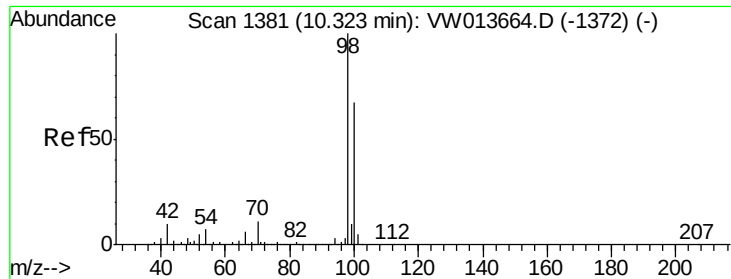
Tot Ion	Ratio	Lower	Upper
75	100		
110	3.6	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 8.452 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW013716.D
 Acq: 24 Oct 2019 17:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.0	118.4#
121	0.0	24.5	36.7#

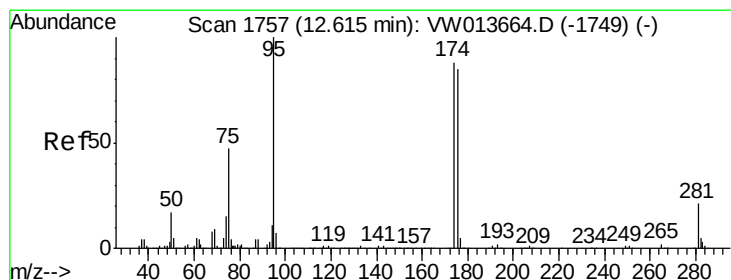
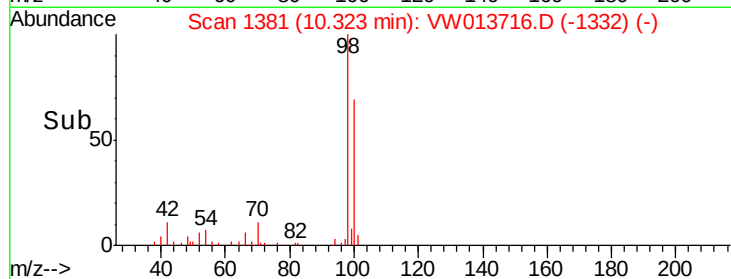
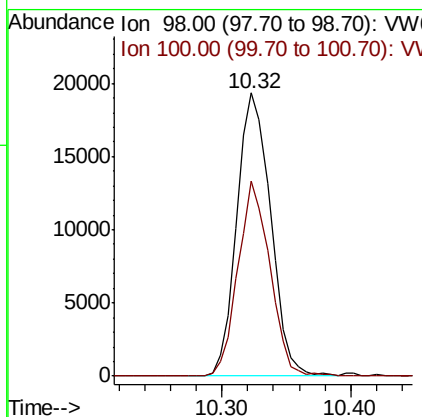
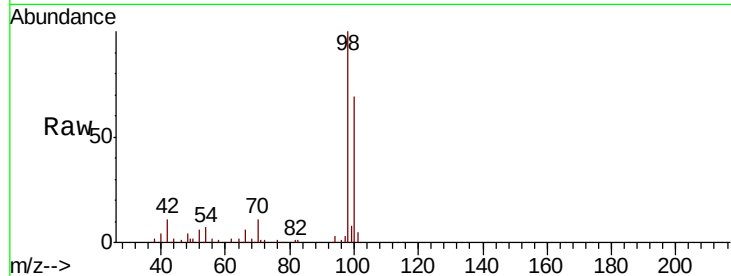




#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

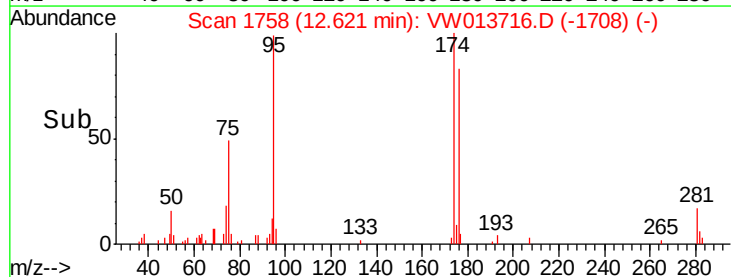
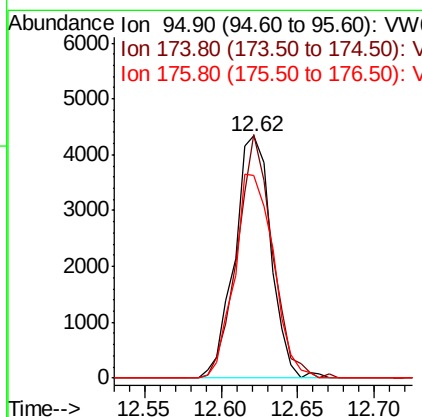
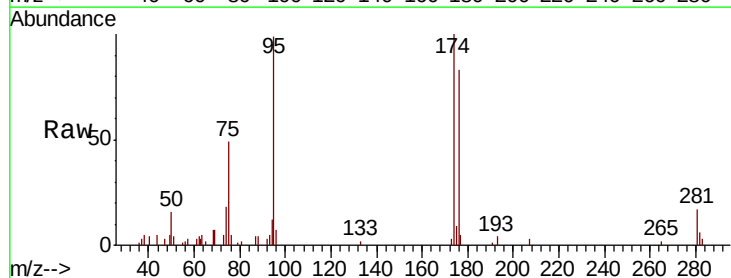
Instrument :
MSVOA_W
ClientSampled :

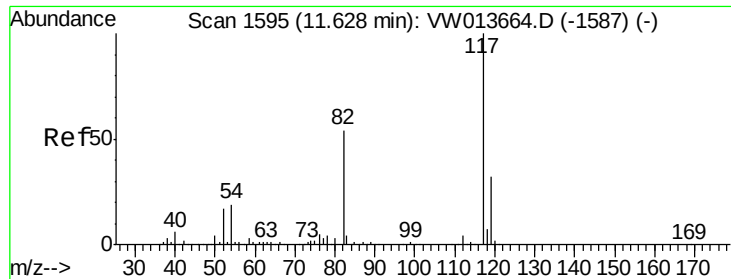
Tot Ion: 98 Resp: 35194
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 30.161 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Tgt Ion: 95 Resp: 7141
Ion Ratio Lower Upper
95 100
174 96.8 0.0 183.6
176 90.6 0.0 178.0

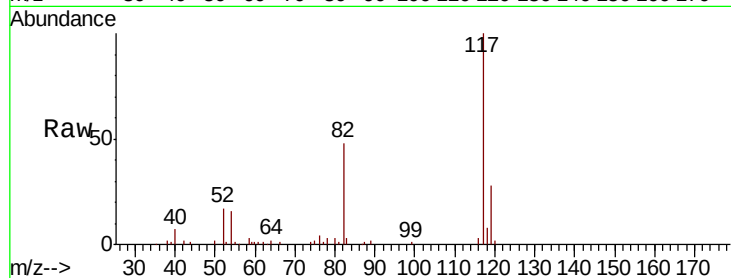




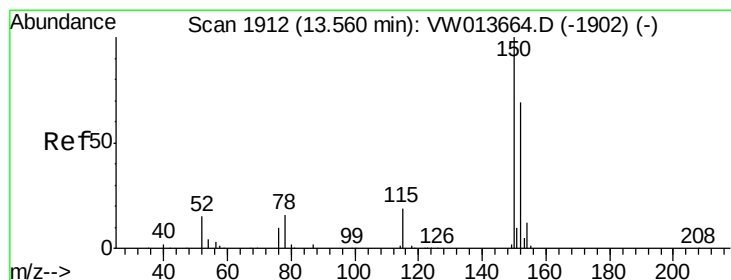
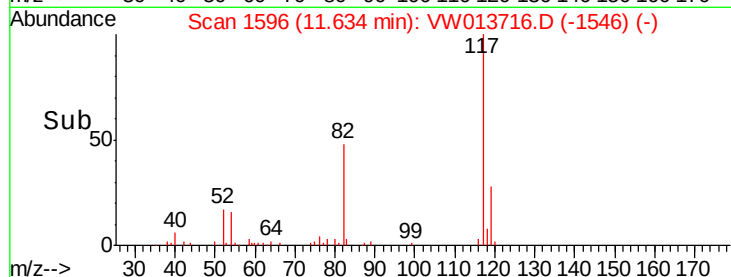
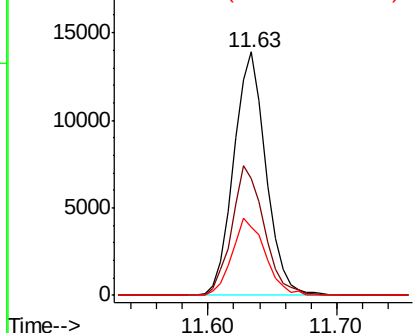
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 24138
Ion Ratio Lower Upper
117 100
82 48.0 43.6 65.4
119 28.2 25.4 38.2

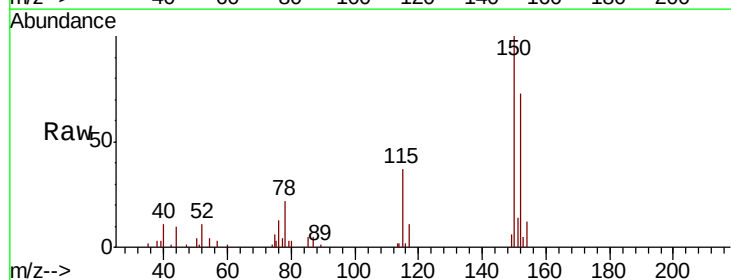


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

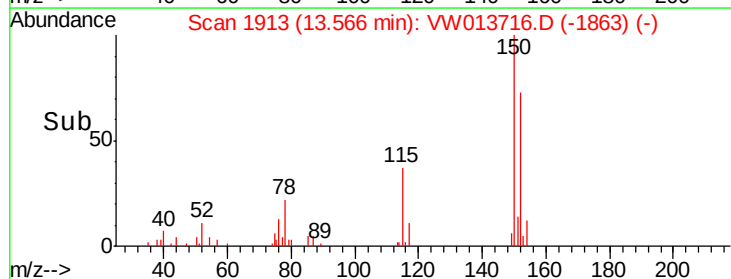
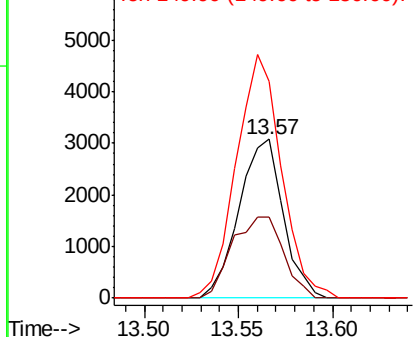


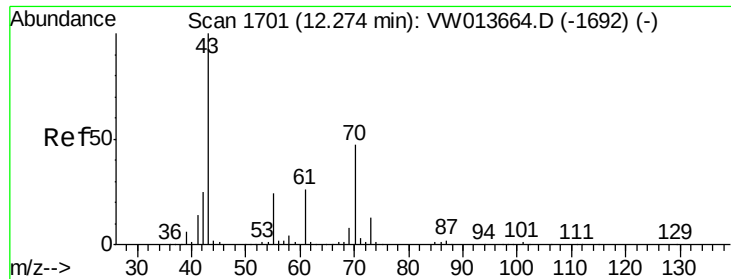
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Tgt Ion:152 Resp: 4987
Ion Ratio Lower Upper
152 100
115 59.4 27.4 82.2
150 156.9 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

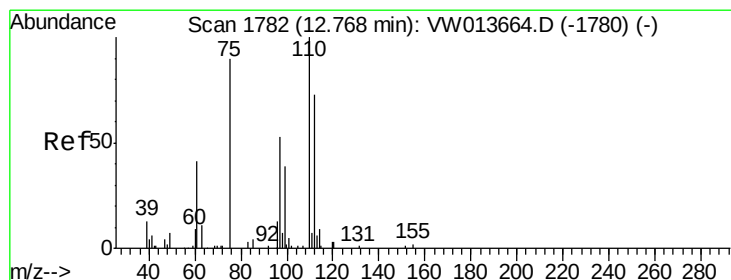
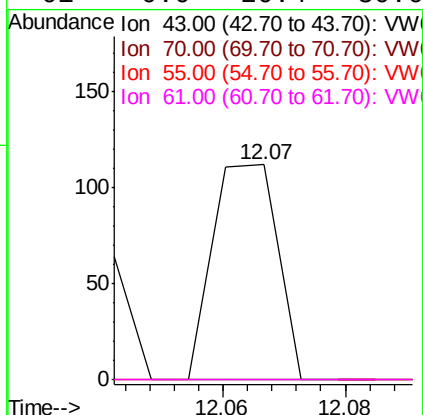
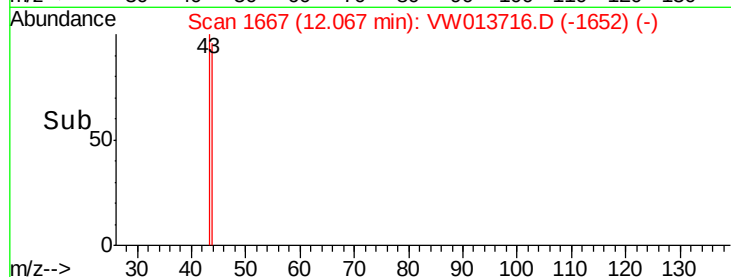
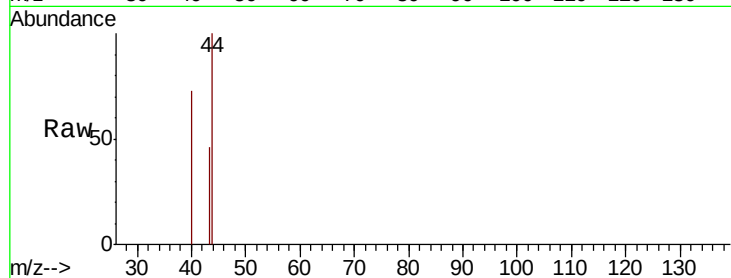




#74
N-amvl acetate
Concen: 1.184 ug/l
RT: 12.07 min Scan# 1667
Delta R.T. -0.21 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

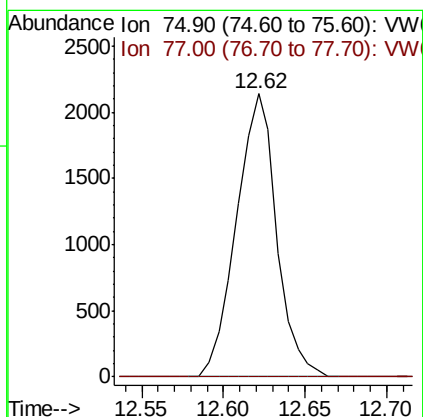
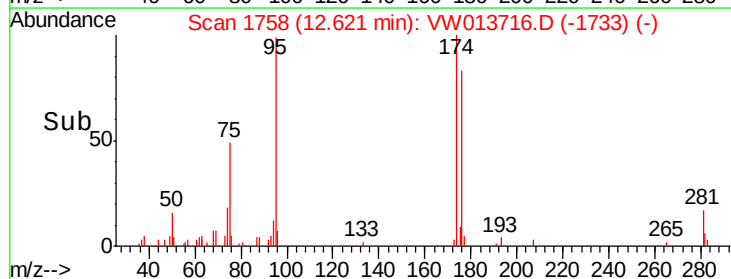
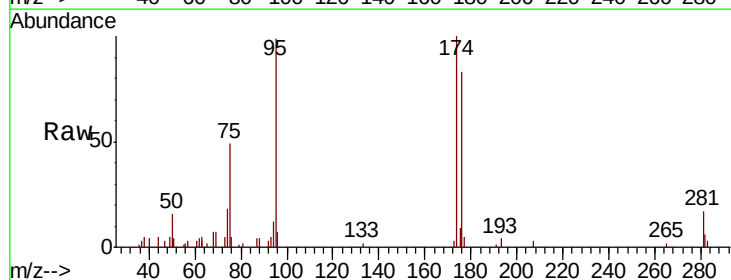
Instrument :
MSVOA_W
ClientSampleId :

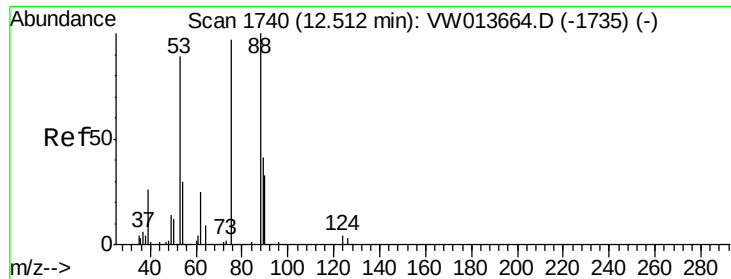
Tot Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 20.3 30.5#
61 0.0 20.4 30.6#



#76
1,2,3-Trichloropropane
Concen: 102.559 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW013716.D
Acq: 24 Oct 2019 17:36

Tgt Ion: 75 Resp: 3673
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 193.822 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW013716.D

Acq: 24 Oct 2019 17:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3673

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

