

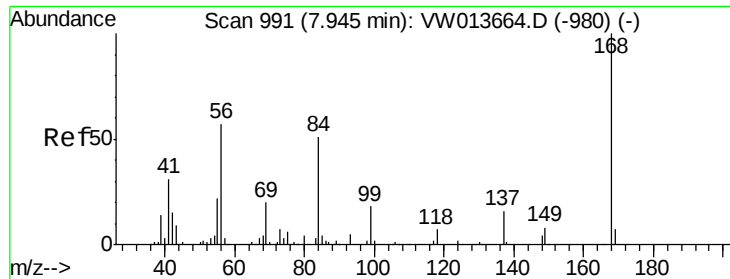
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013721.D
 Acq On : 24 Oct 2019 19:46
 Operator : SY/VA
 Sample : K5502-10RE
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 08:00:14 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	248765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106280	56.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.90%	
35) Dibromofluoromethane	7.88	113	111224	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	10.32	98	405254	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.62	95	89372	30.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.54%	
Target Compounds						
16) Acetone	4.13	43	1520	3.841	ug/l	90
20) Methylene Chloride	4.93	84	4527	Below Cal	#	85
36) 1,1-Dichloropropene	7.95	75	16409	4.651	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21260	6.692	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1565	1.218	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	42295	86.695	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	42295	163.841	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: VW013721.D

Acq: 24 Oct 2019 19:46

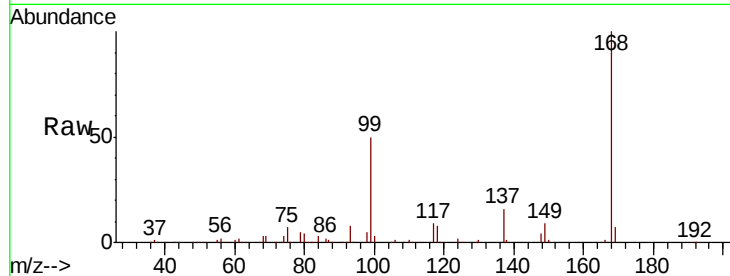
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 248765

Ion Ratio Lower Upper

168 100

99 50.1 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

120000

100000

80000

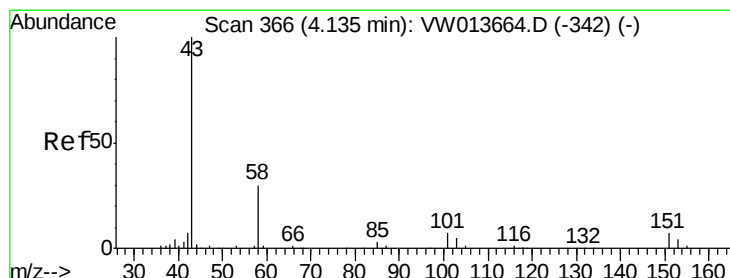
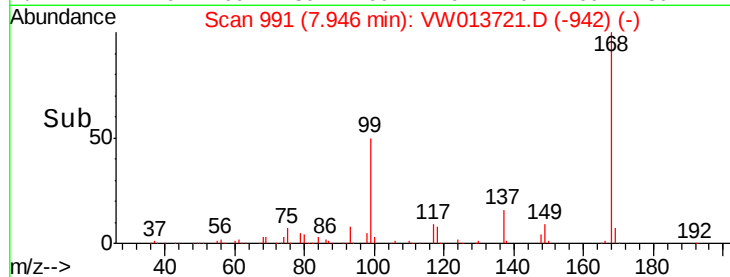
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.841 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013721.D

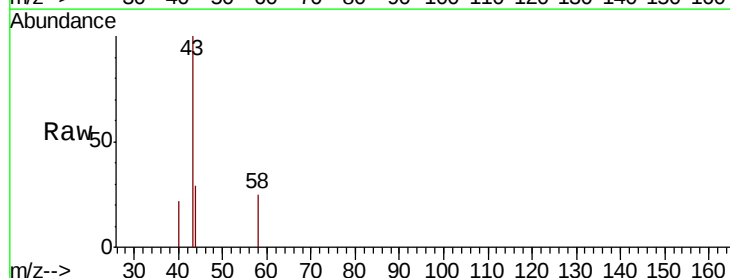
Acq: 24 Oct 2019 19:46

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 24.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

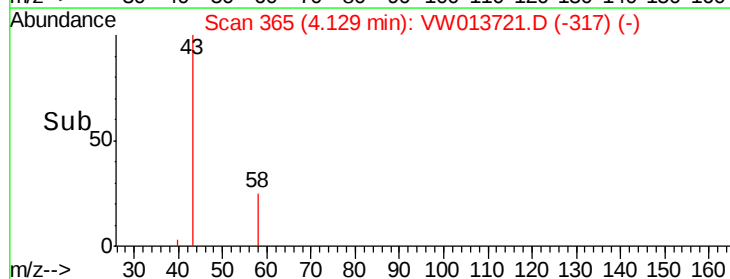
600

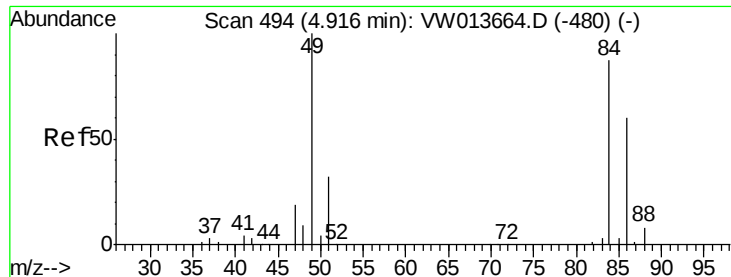
400

200

0

Time-->

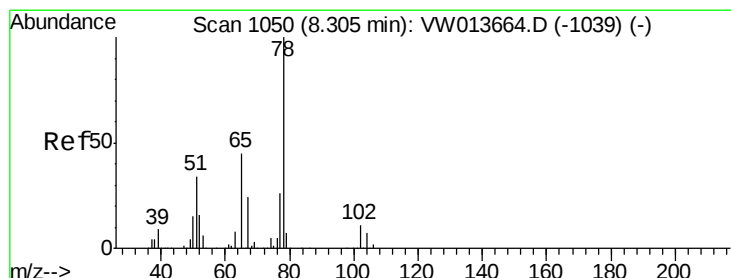
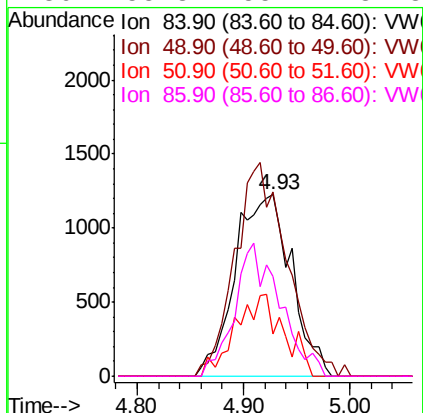
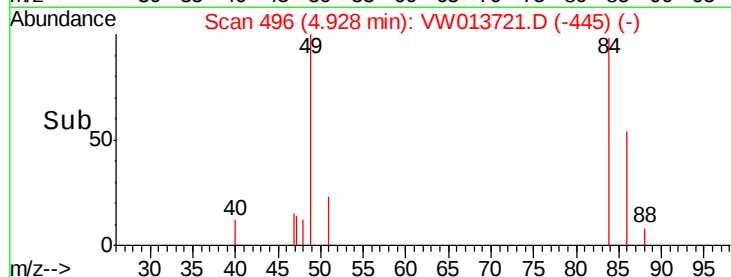
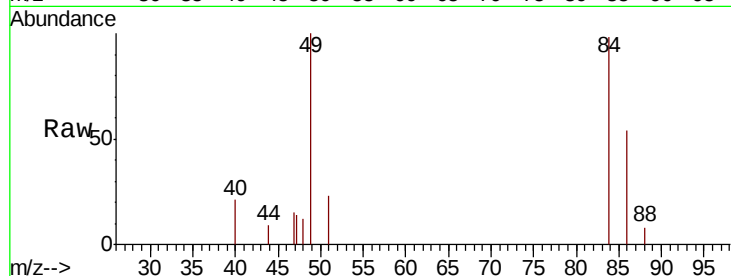




#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

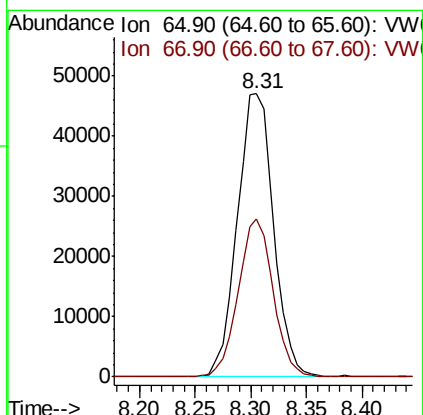
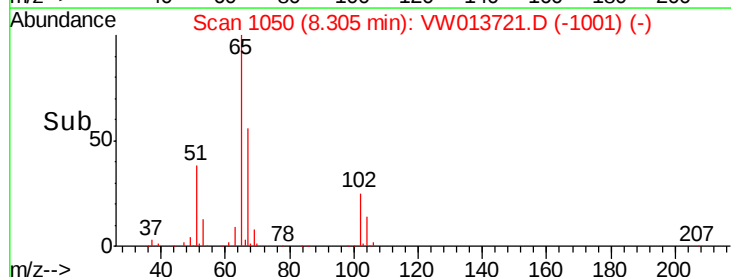
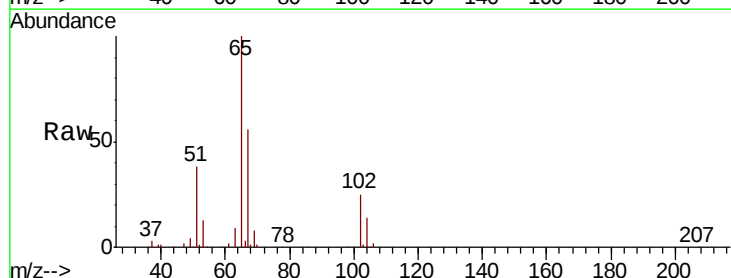
Instrument :
MSVOA_W
ClientSampled :

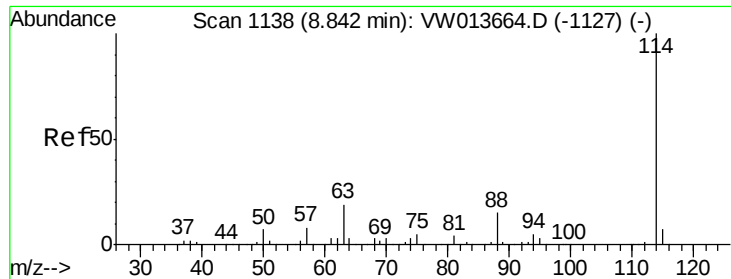
Tot Ion: 84 Resp: 4527
Ion Ratio Lower Upper
84 100
49 101.6 91.8 137.6
51 23.4 29.8 44.6#
86 55.3 55.2 82.8



#33
1,2-Dichloroethane-d4
Concen: 56.952 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Tgt Ion: 65 Resp: 106280
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.4

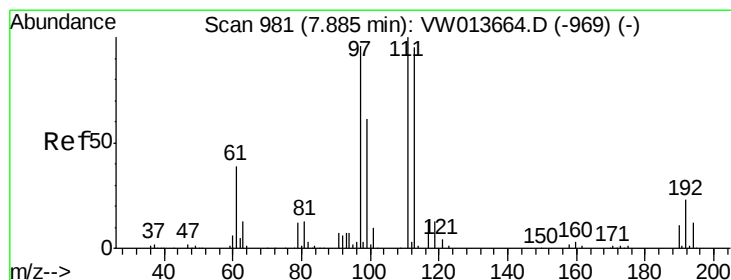
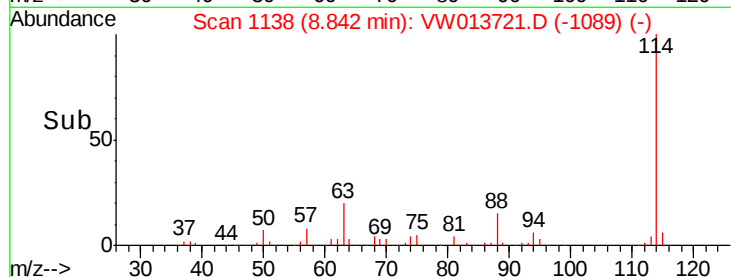
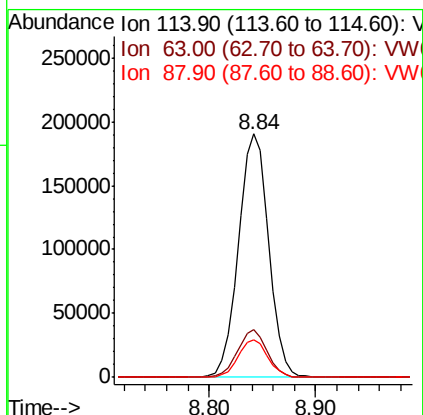
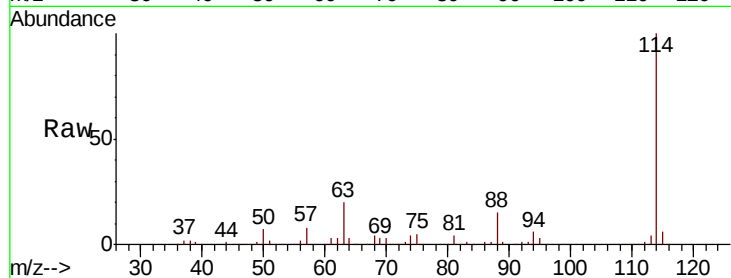




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

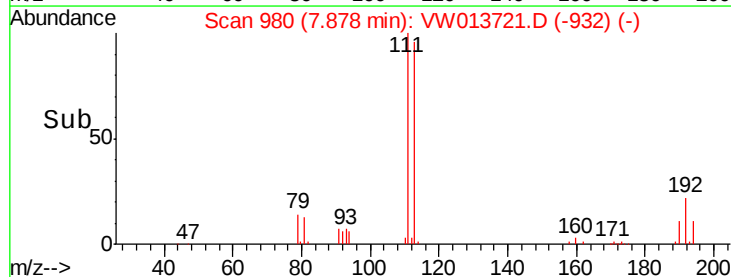
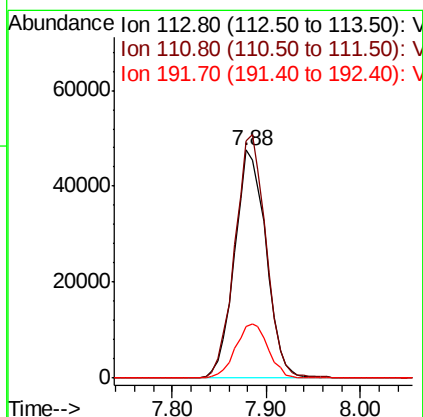
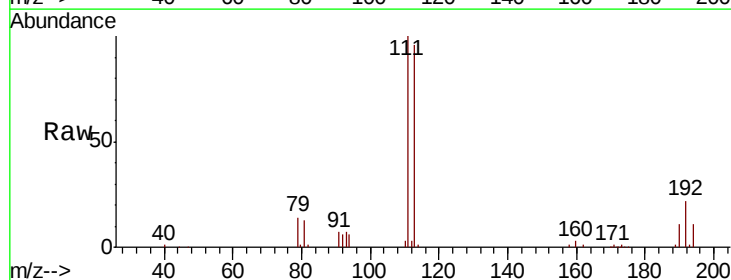
Instrument :
MSVOA_W
ClientSampleId :

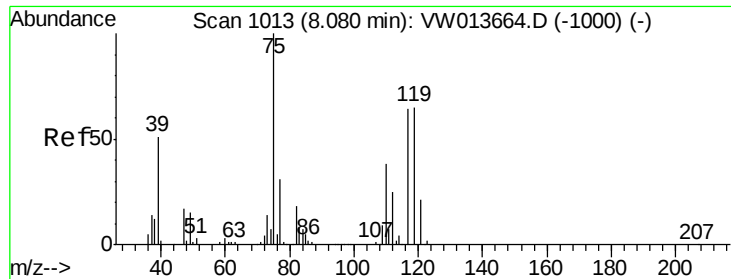
Tot Ion:114 Resp: 378834
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 15.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.838 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Tgt Ion:113 Resp: 111224
Ion Ratio Lower Upper
113 100
111 105.5 83.0 124.6
192 24.6 19.4 29.2

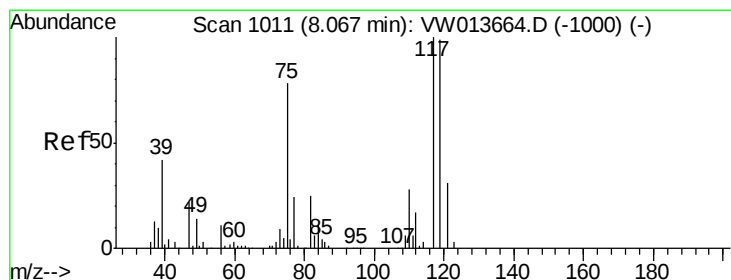
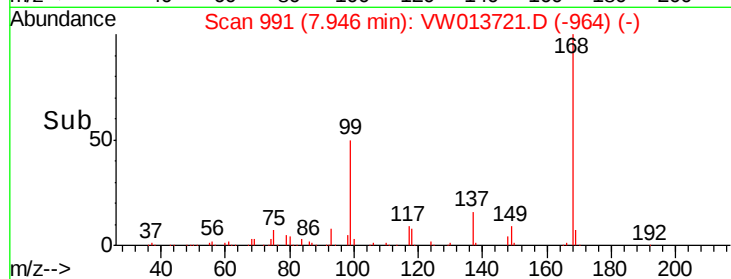
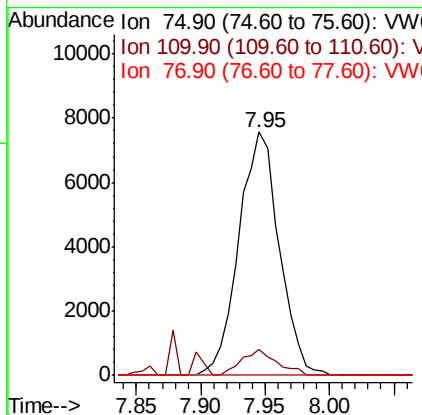
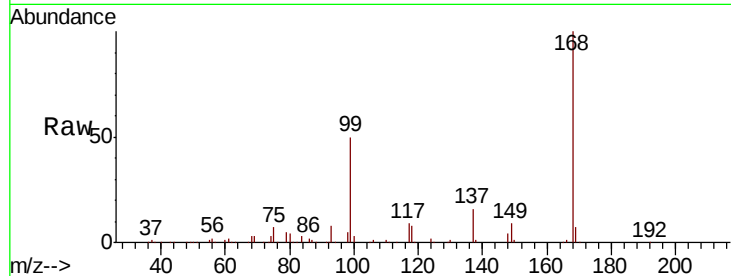




#36
 1,1-Dichloropropene
 Concen: 4.651 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013721.D
 Acq: 24 Oct 2019 19:46

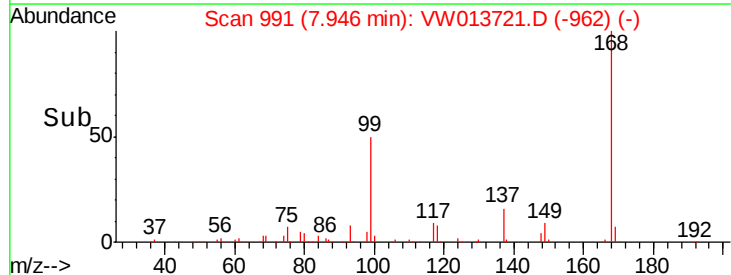
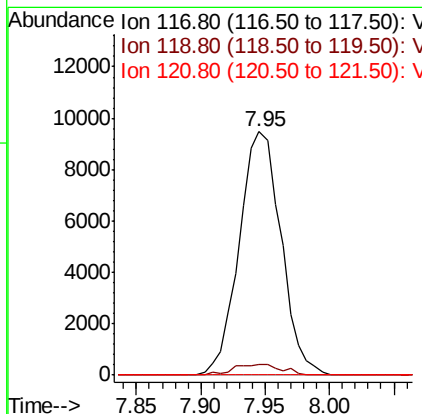
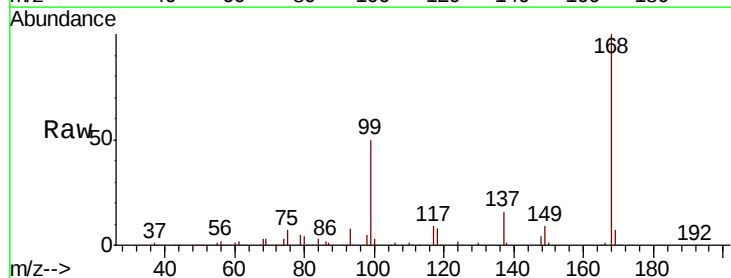
Instrument :
 MSVOA_W
 ClientSampled :

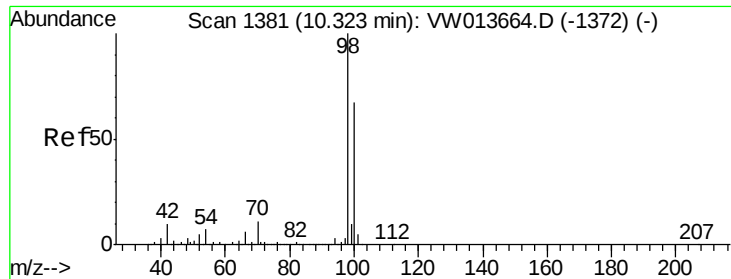
Tot Ion	75	Resp	16409
Ion Ratio	Lower	Upper	
75	100		
110	9.2	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.692 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013721.D
 Acq: 24 Oct 2019 19:46

Tgt Ion	117	Resp	21260
Ion Ratio	Lower	Upper	
117	100		
119	4.6	79.0	118.4#
121	0.0	24.5	36.7#

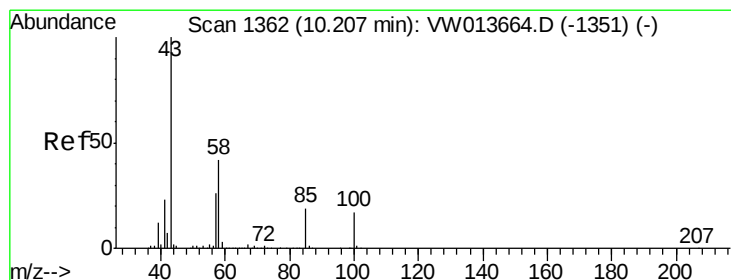
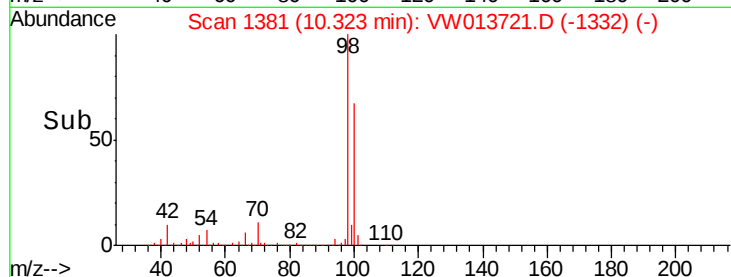
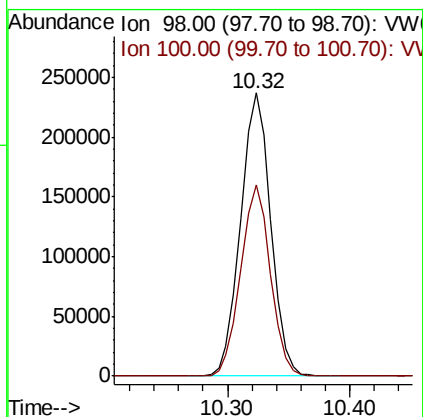
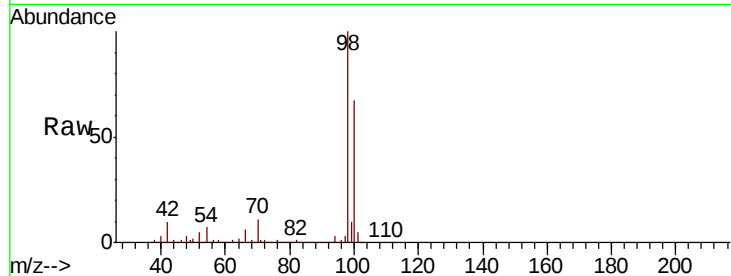




#50
Toluene-d8
Concen: 47.247 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

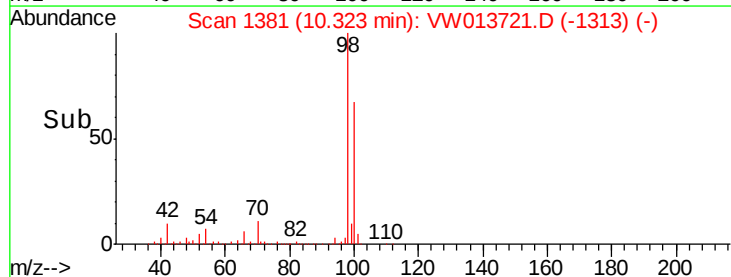
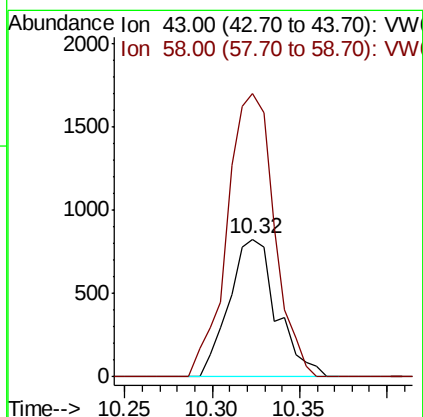
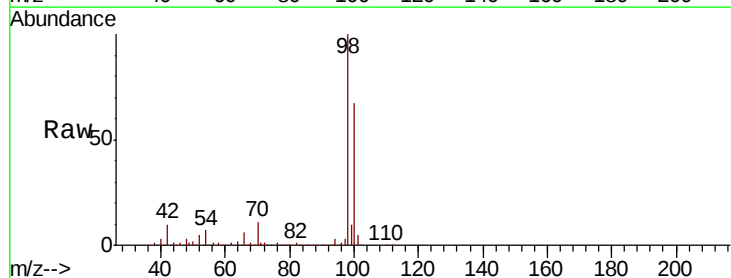
Instrument :
MSVOA_W
ClientSampled :

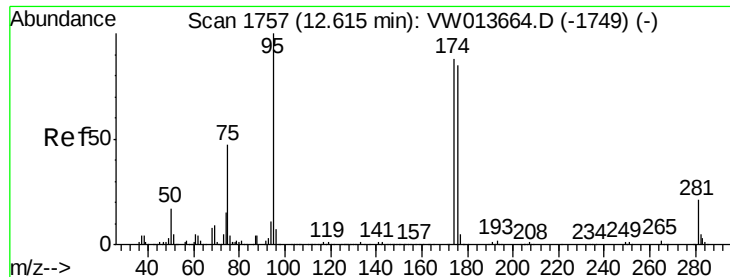
Tot Ion: 98 Resp: 405254
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 1.218 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 202.9 32.6 49.0#

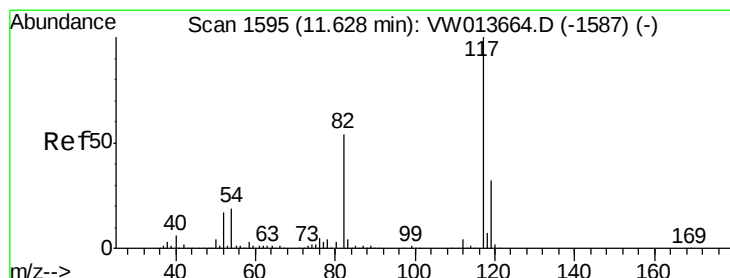
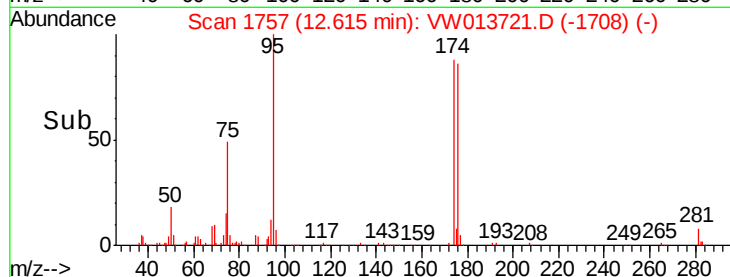
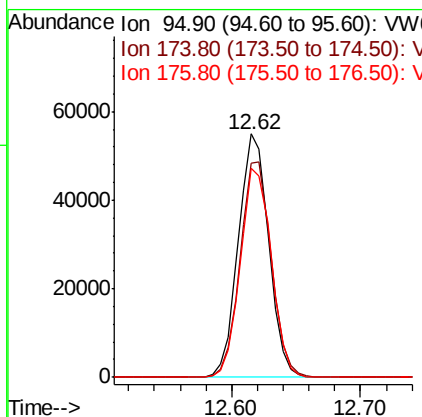
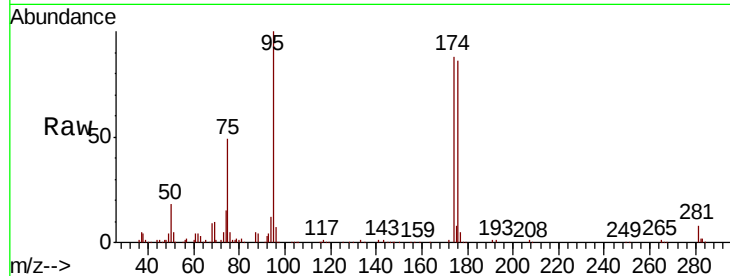




#62
4-Bromofluorobenzene
Concen: 30.772 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

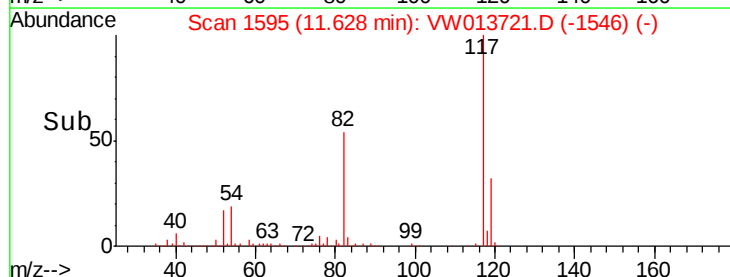
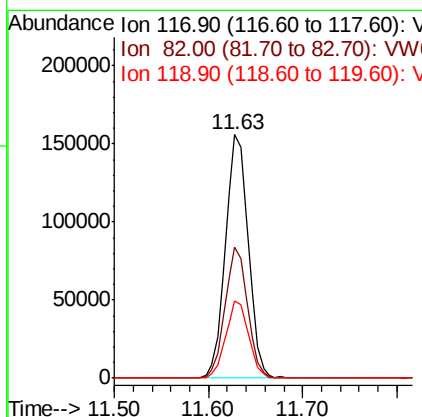
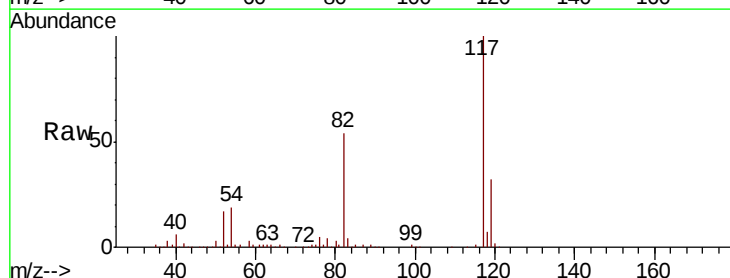
Instrument :
MSVOA_W
ClientSampleId :

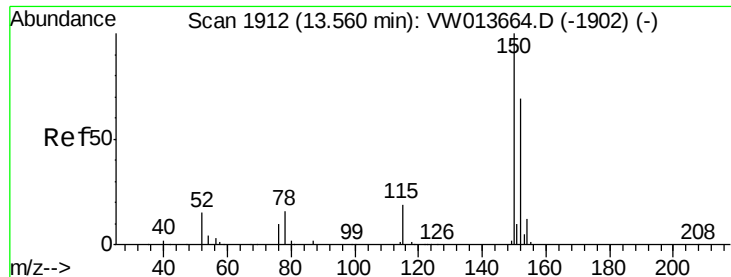
Tot Ion: 95 Resp: 89372
Ion Ratio Lower Upper
95 100
174 90.8 0.0 183.6
176 87.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013721.D
Acq: 24 Oct 2019 19:46

Tgt Ion: 117 Resp: 262264
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013721.D

Acq: 24 Oct 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

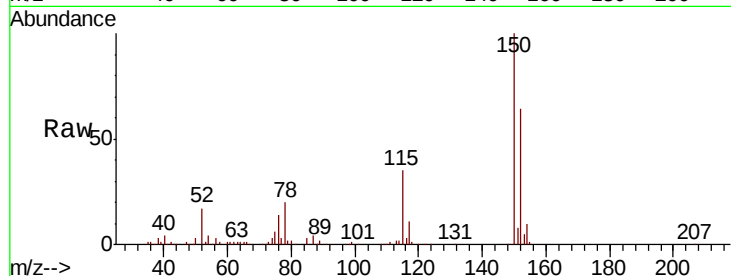
Tot Ion:152 Resp: 67934

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.2

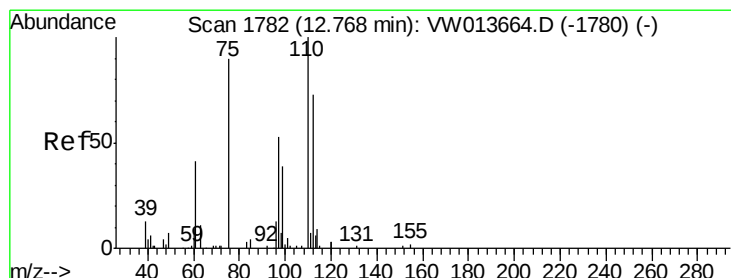
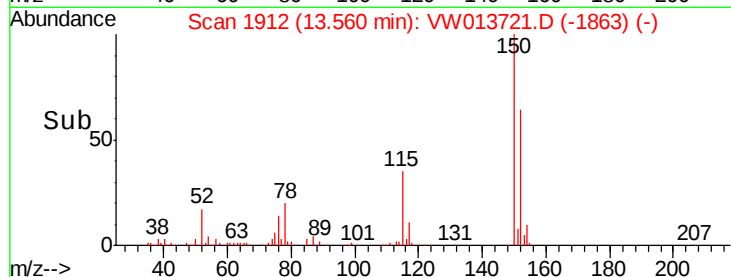
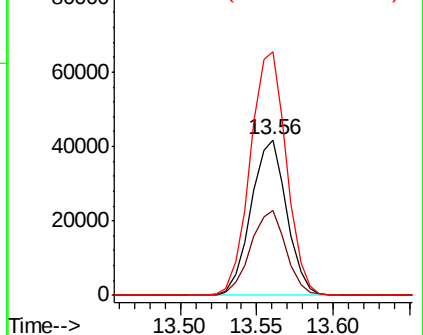
150 158.7 0.0 345.4



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: 86.695 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013721.D

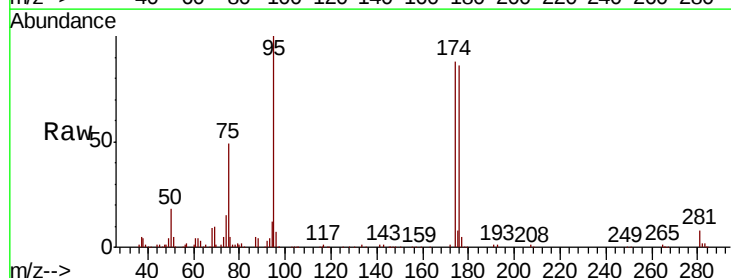
Acq: 24 Oct 2019 19:46

Tgt Ion: 75 Resp: 42295

Ion Ratio Lower Upper

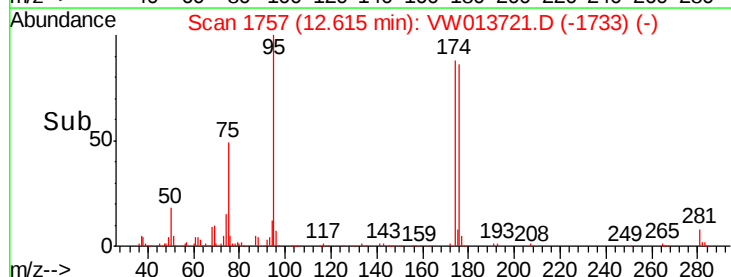
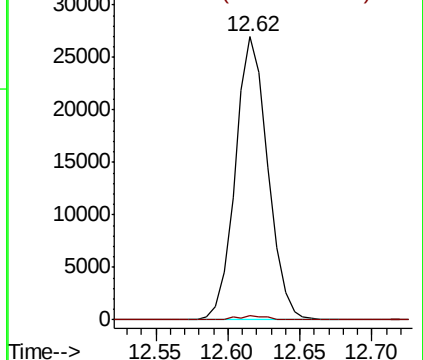
75 100

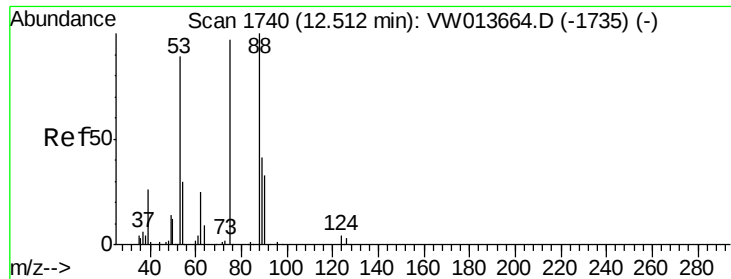
77 1.4 0.0 0.0#



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: 163.841 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013721.D

Acq: 24 Oct 2019 19:46

Instrument :

MSVOA_W

ClientSampleId :

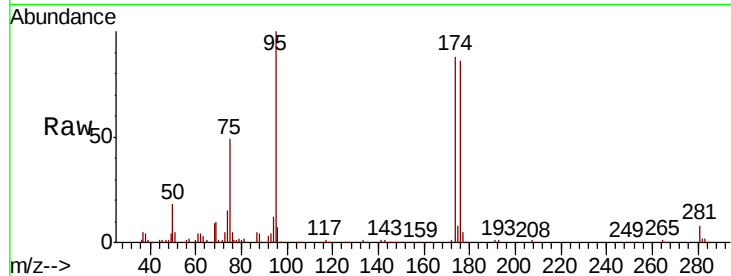
Tot Ion: 75 Resp: 42295

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

