

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012636.D
 Acq On : 05 Sep 2019 13:07
 Operator : SY/VA
 Sample : K4593-01
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 15:47:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

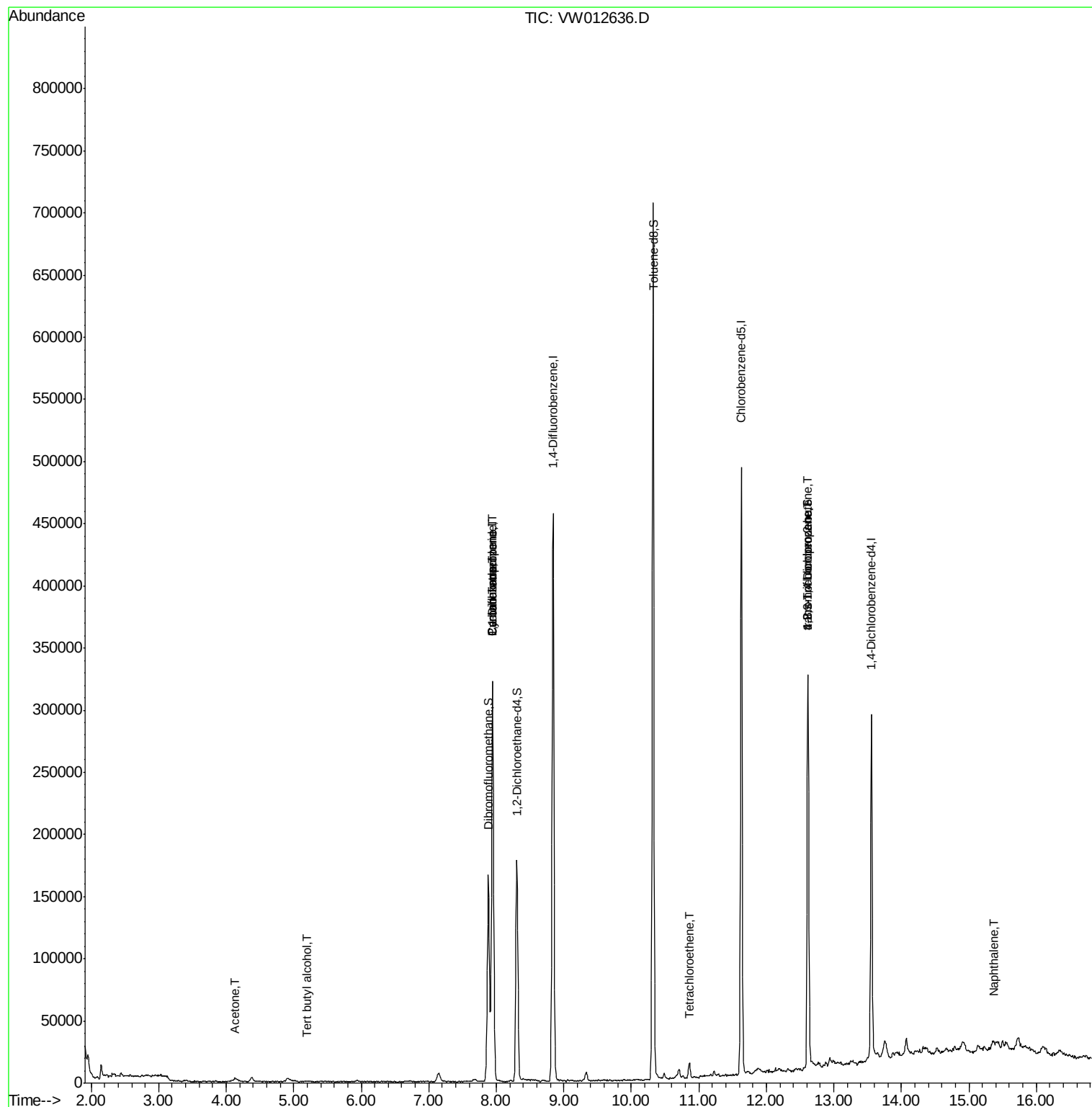
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141523	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	114316	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	10.32	98	439833	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	103189	33.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	474	2.831	ug/l #	71
16) Acetone	4.14	43	5927	8.333	ug/l	95
31) Cyclohexane	7.94	56	6733	1.343	ug/l #	31
36) 1,1-Dichloropropene	7.94	75	19790	5.270	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23362	7.188	ug/l #	18
64) Tetrachloroethene	10.87	164	2689	1.607	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	55160	81.029	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55160	177.658	ug/l #	6
95) Naphthalene	15.36	128	1968	5.003	ug/l #	79

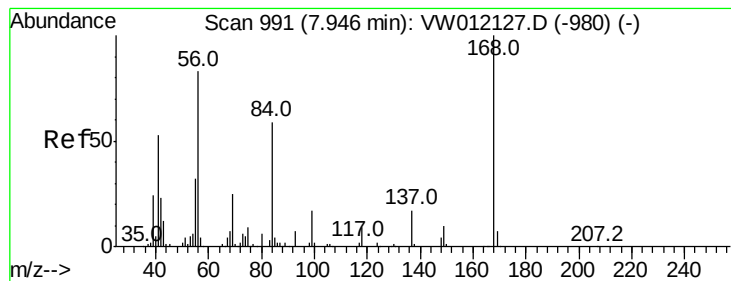
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012636.D

Acq: 05 Sep 2019 13:07

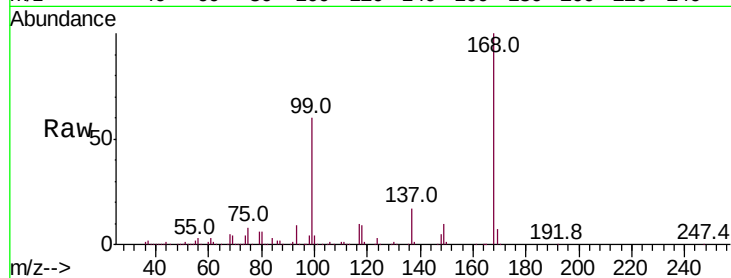
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 234077

Ion Ratio Lower Upper

168 100

99 59.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

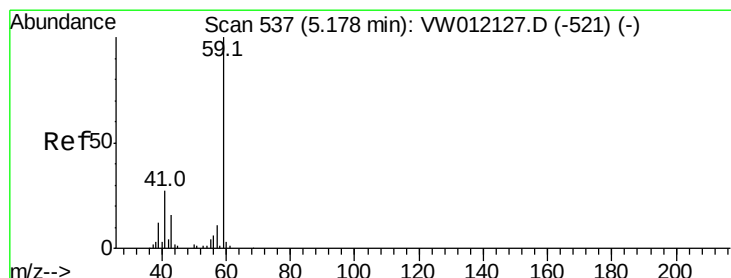
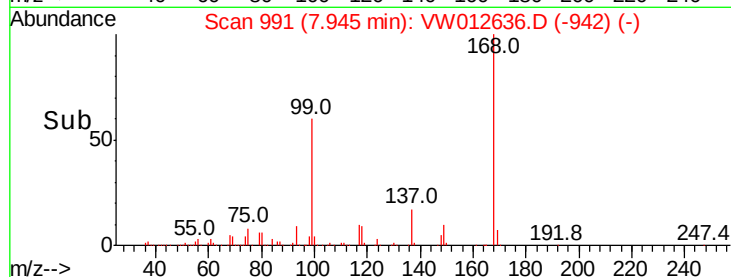
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 2.831 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW012636.D

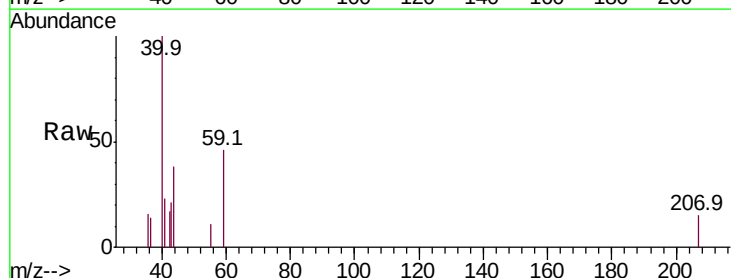
Acq: 05 Sep 2019 13:07

Tgt Ion: 59 Resp: 474

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

250

200

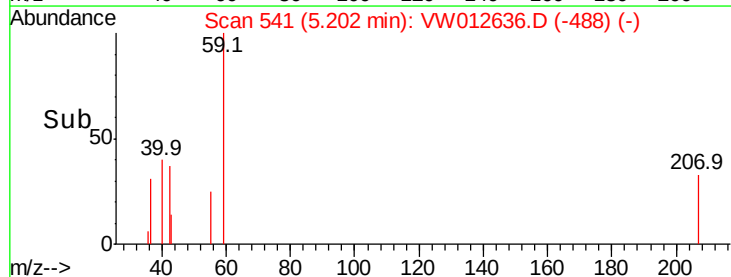
150

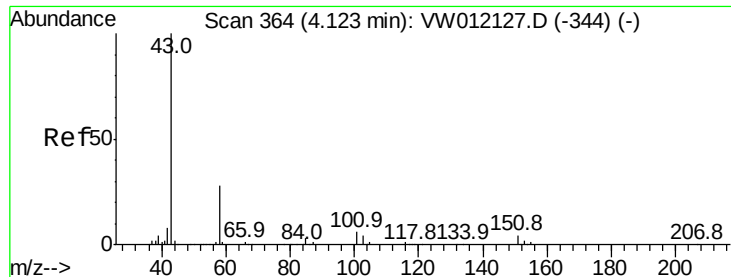
100

50

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 8.333 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

Instrument :

MSVOA_W

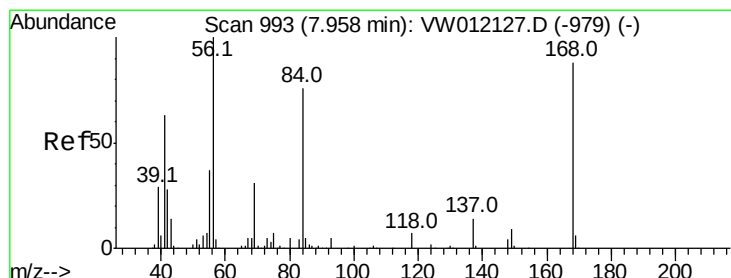
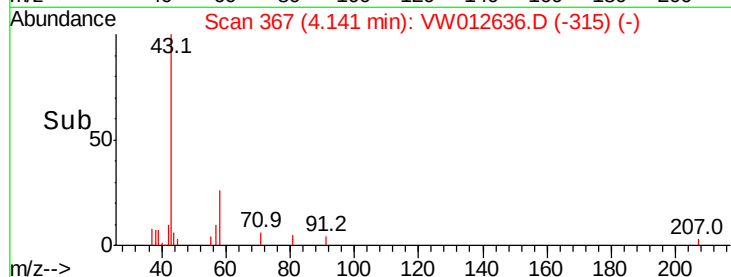
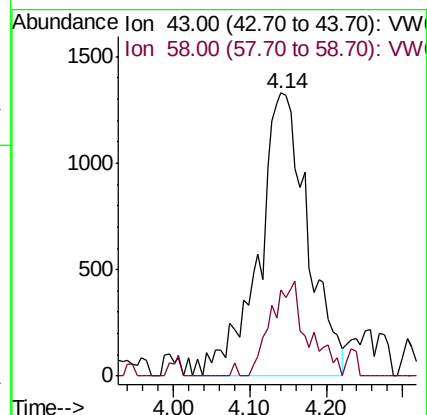
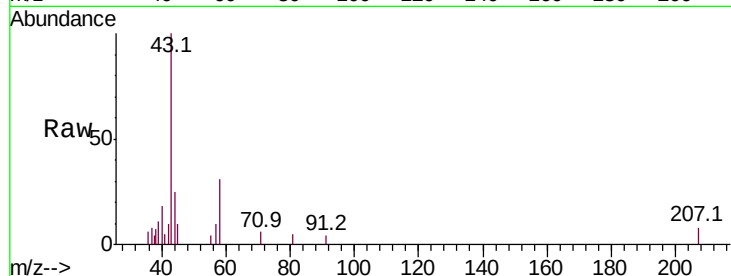
ClientSampled :

Tot Ion: 43 Resp: 5927

Ion Ratio Lower Upper

43 100

58 30.5 22.4 33.6



#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

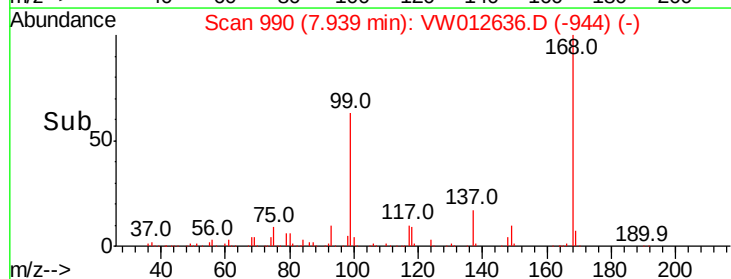
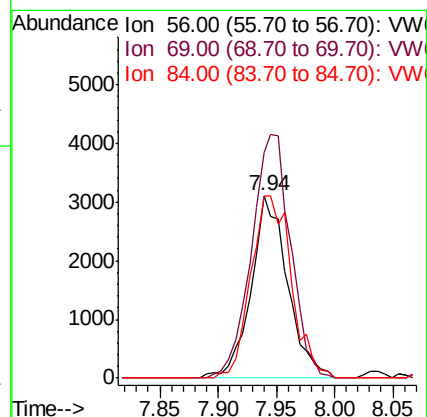
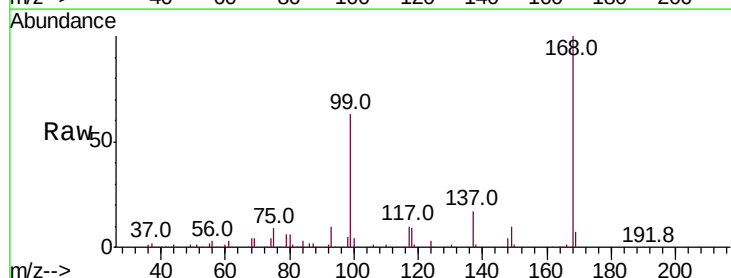
Tgt Ion: 56 Resp: 6733

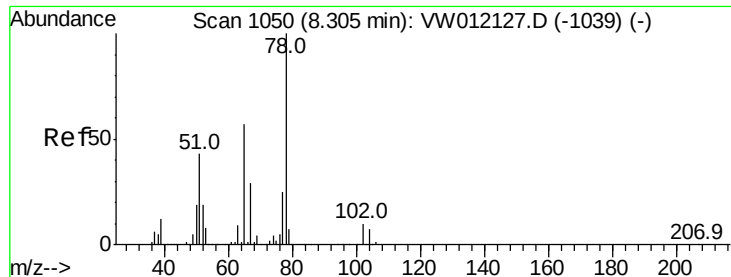
Ion Ratio Lower Upper

56 100

69 123.9 24.9 37.3#

84 99.6 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 50.860 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

Instrument :

MSVOA_W

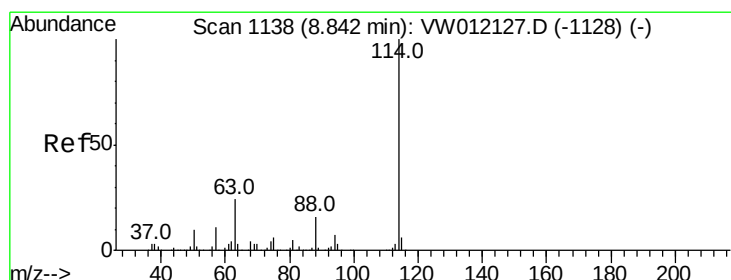
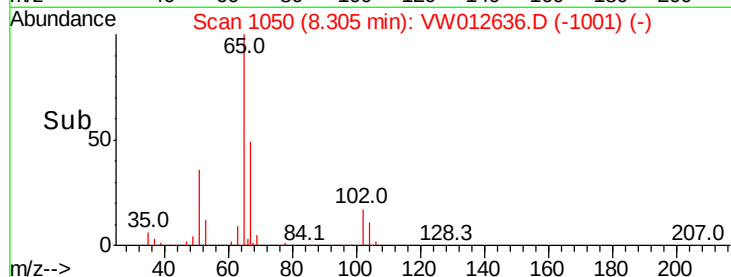
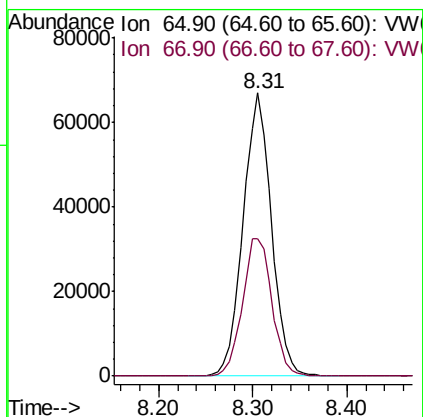
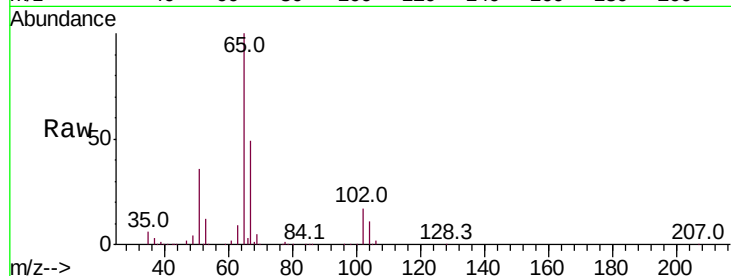
ClientSampleId :

Tot Ion: 65 Resp: 141523

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

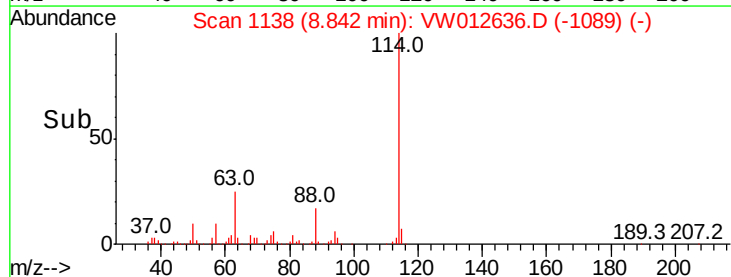
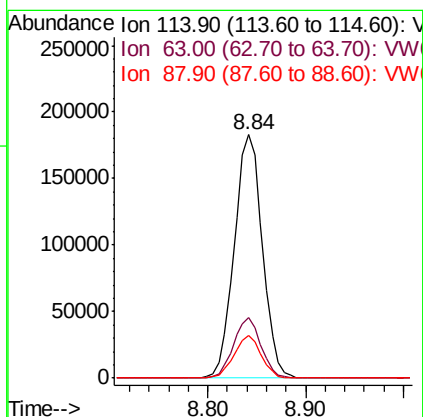
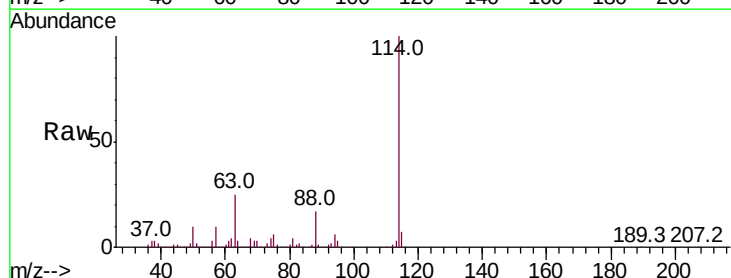
Tgt Ion: 114 Resp: 363393

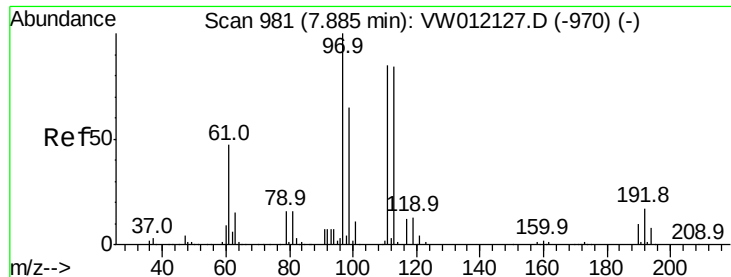
Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

88 17.3 0.0 32.2

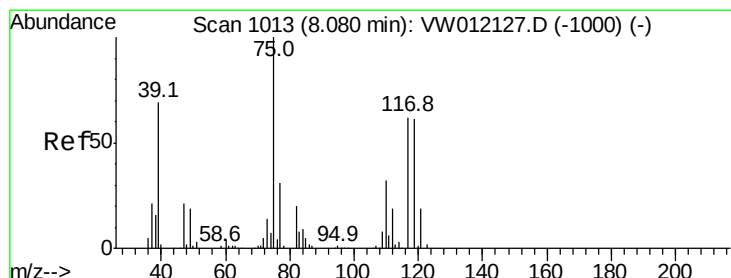
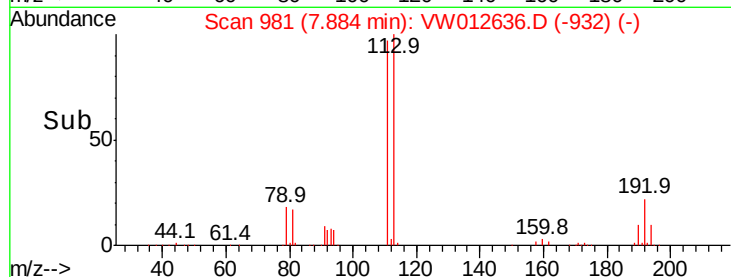
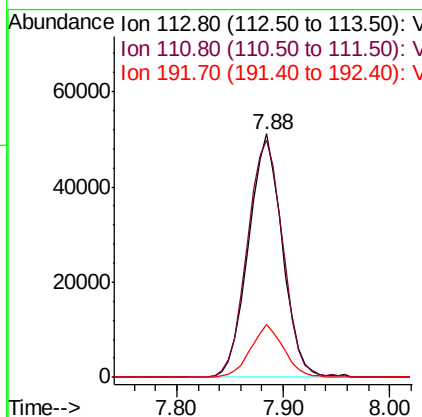
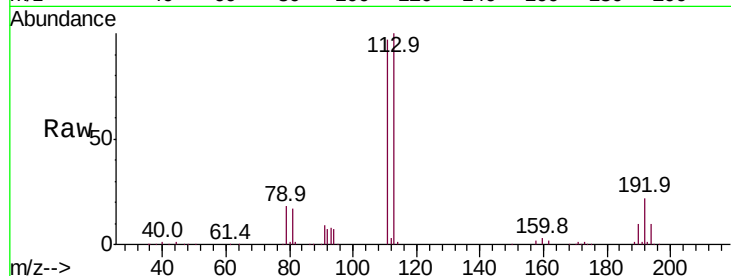




#35
 Dibromofluoromethane
 Concen: 52.702 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012636.D
 Acq: 05 Sep 2019 13:07

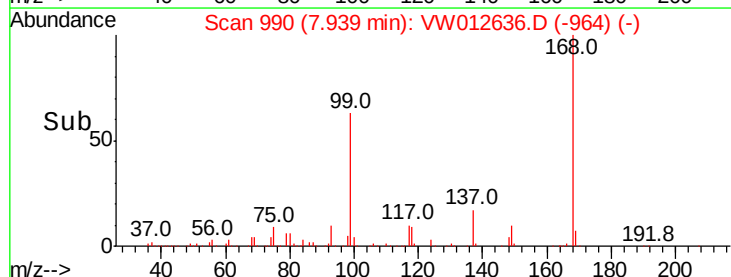
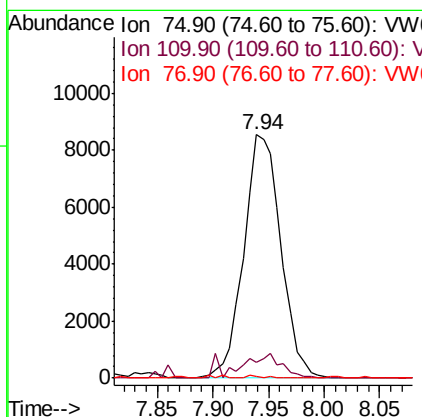
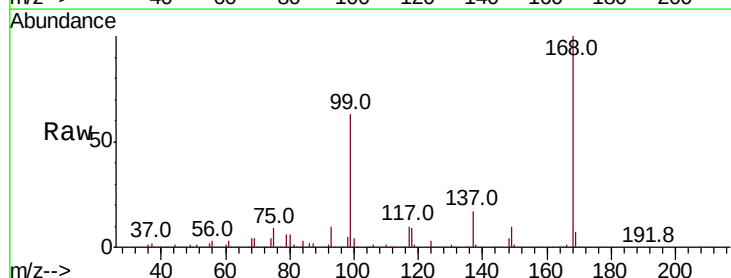
Instrument :
 MSVOA_W
 ClientSampleId :

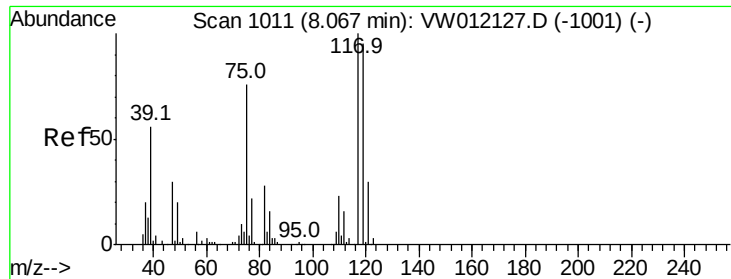
Tot Ion:113 Resp: 114316
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 21.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.270 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012636.D
 Acq: 05 Sep 2019 13:07

Tgt Ion: 75 Resp: 19790
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.6 46.8#
 77 0.4 24.6 36.8#

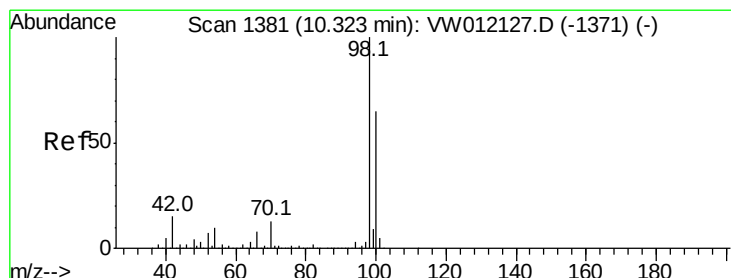
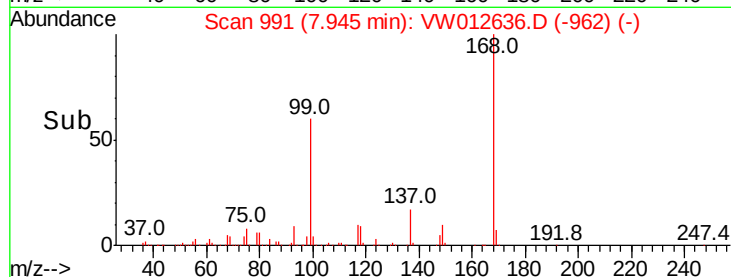
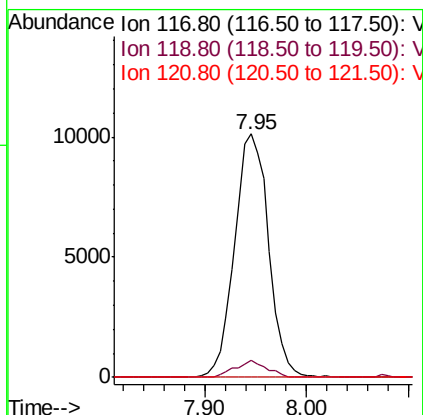
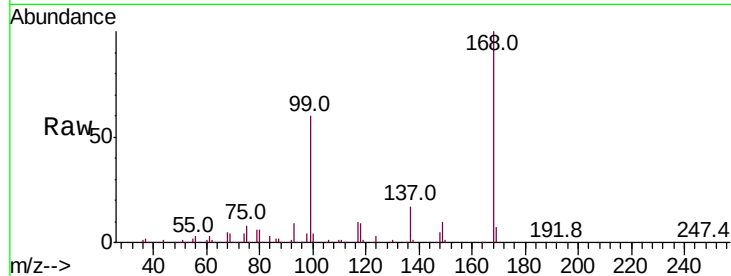




#38
Carbon Tetrachloride
Concen: 7.188 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012636.D
Acq: 05 Sep 2019 13:07

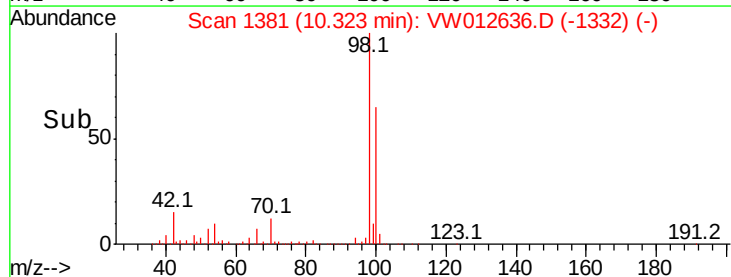
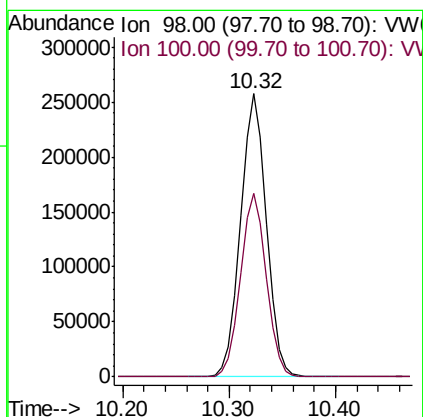
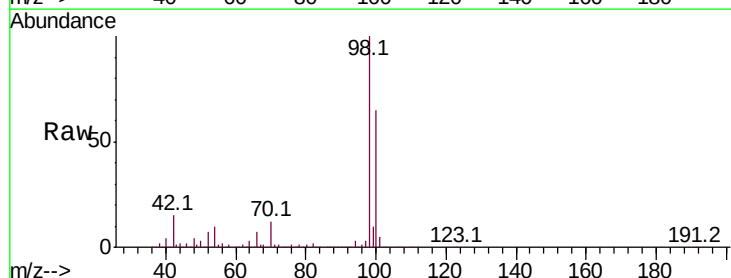
Instrument :
MSVOA_W
ClientSampleId :

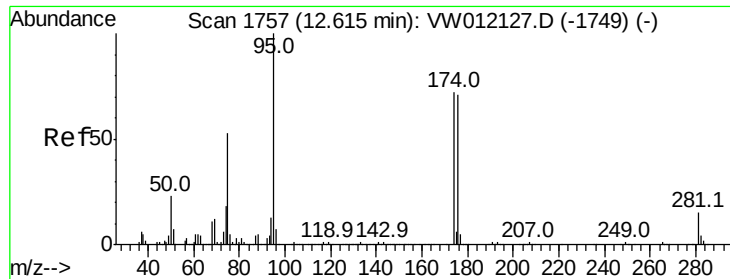
Tot Ion:117 Resp: 23362
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012636.D
Acq: 05 Sep 2019 13:07

Tgt Ion: 98 Resp: 439833
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

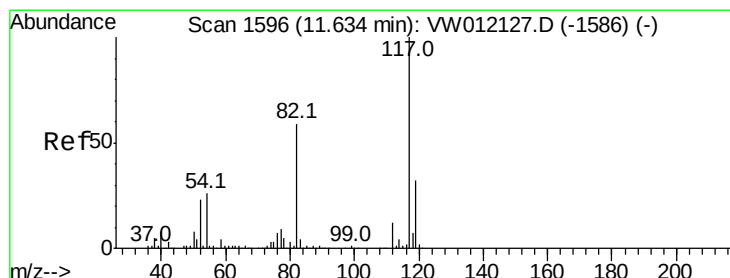
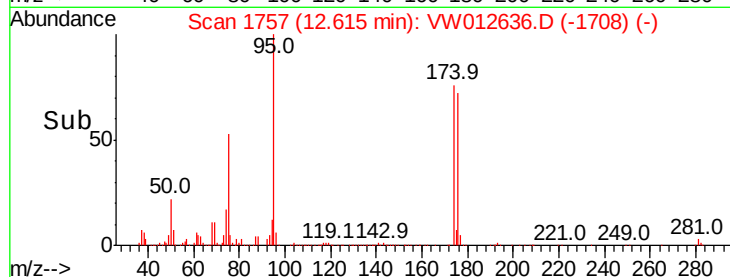
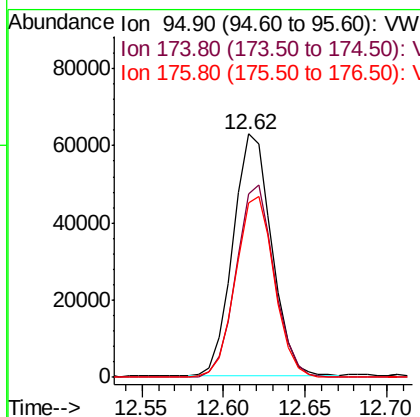
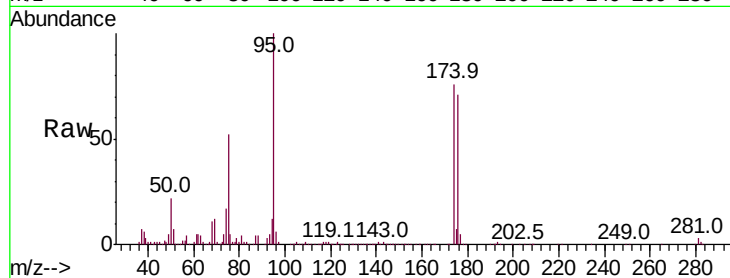




#62
4-Bromofluorobenzene
Concen: 33.284 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012636.D
Acq: 05 Sep 2019 13:07

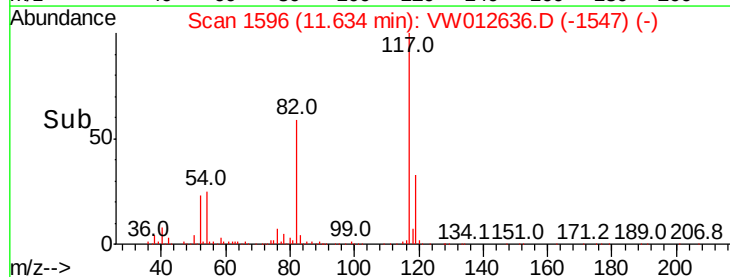
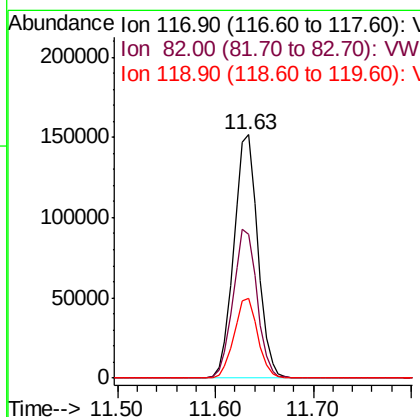
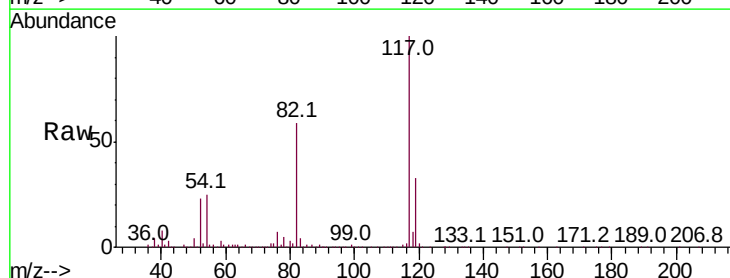
Instrument :
MSVOA_W
ClientSampleId :

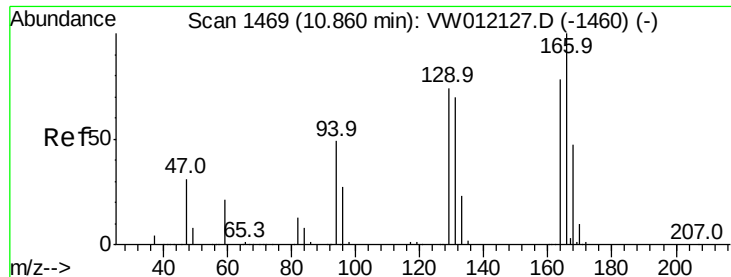
Tot Ion	95	Resp	103189
Ion Ratio	Lower	Upper	
95	100		
174	78.9	0.0	150.8
176	75.2	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012636.D
Acq: 05 Sep 2019 13:07

Tgt Ion	117	Resp	258052
Ion Ratio	Lower	Upper	
117	100		
82	59.1	47.4	71.2
119	32.5	25.4	38.2





#64

Tetrachloroethene

Concen: 1.607 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 2689

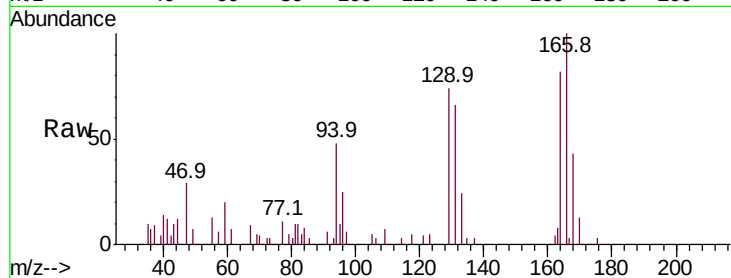
Ion Ratio Lower Upper

164 100

166 121.5 102.4 153.6

129 89.6 75.8 113.6

131 79.8 71.4 107.2

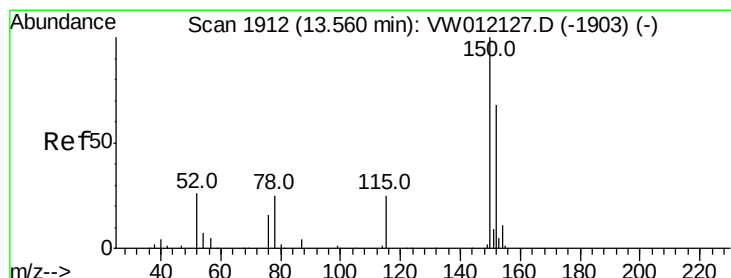
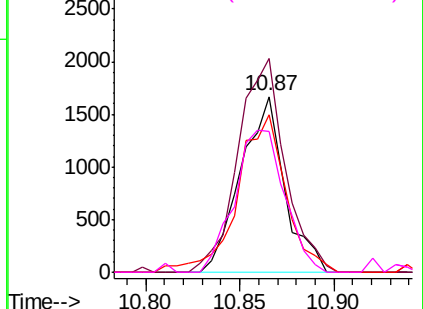
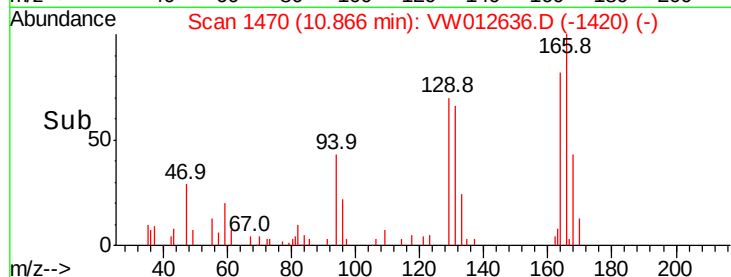


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW012636.D

Acq: 05 Sep 2019 13:07

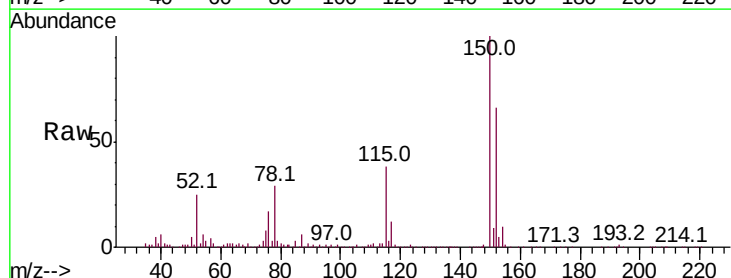
Tgt Ion:152 Resp: 69897

Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.3

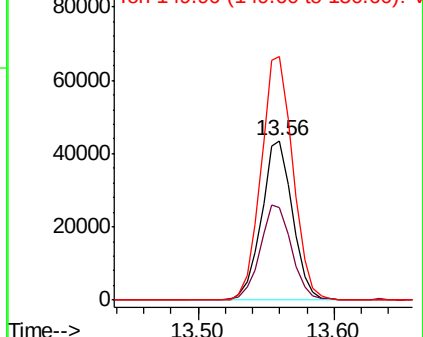
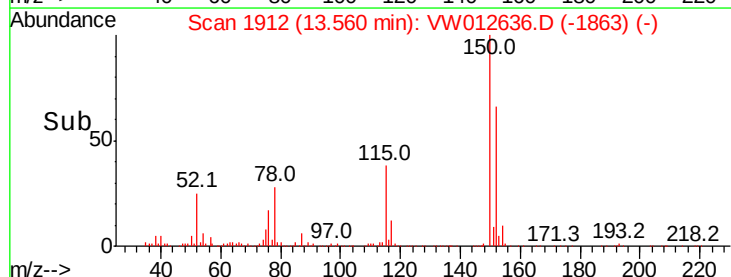
150 156.5 0.0 345.8

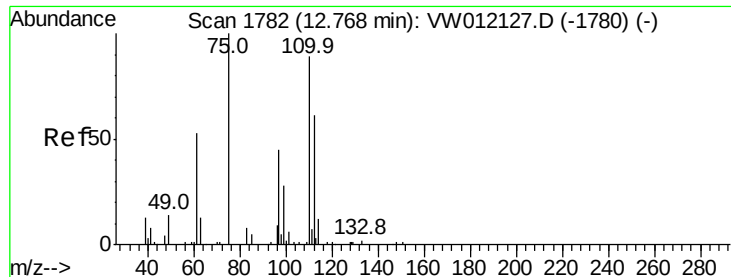


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 81.029 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

Instrument :

MSVOA_W

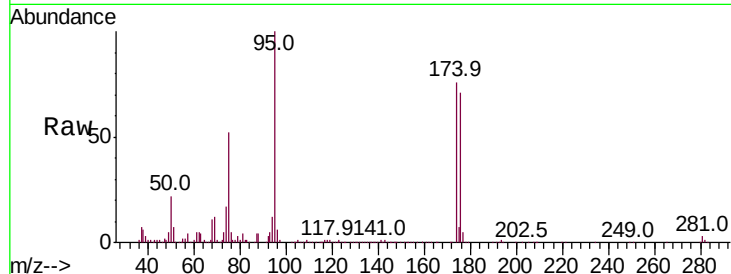
ClientSampleId :

Tot Ion: 75 Resp: 55160

Ion Ratio Lower Upper

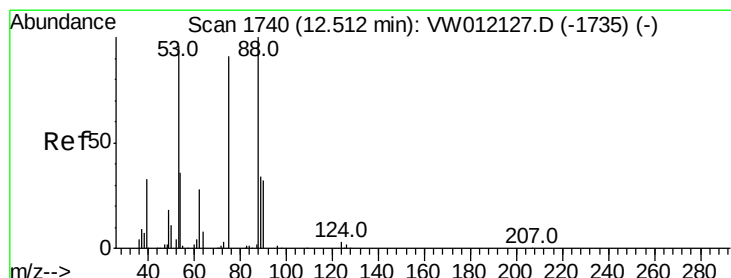
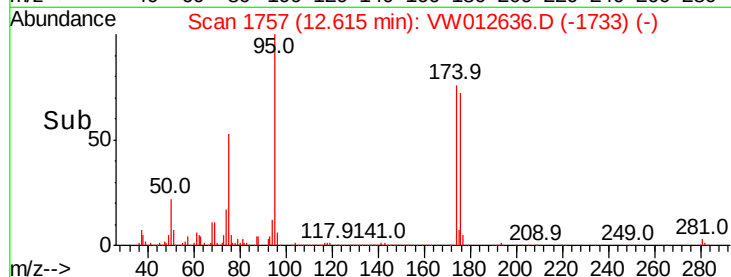
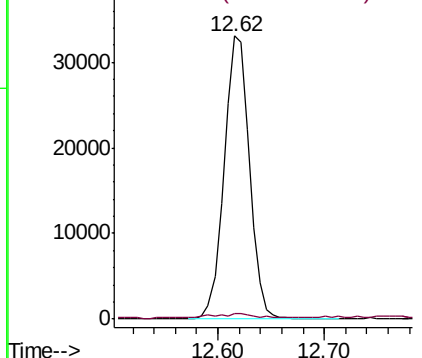
75 100

77 2.1 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: 177.658 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012636.D

Acq: 05 Sep 2019 13:07

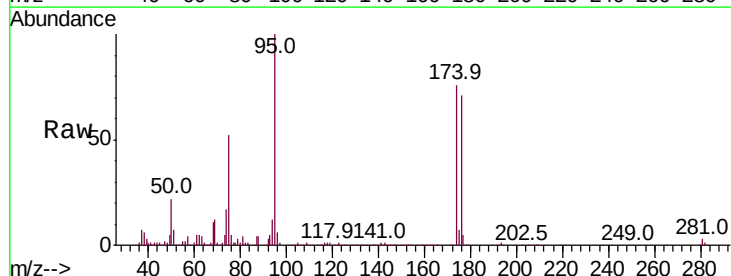
Tgt Ion: 75 Resp: 55160

Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

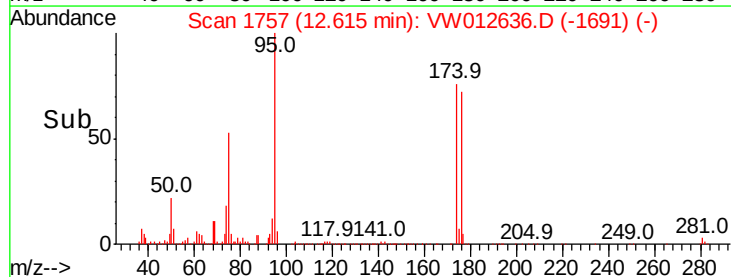
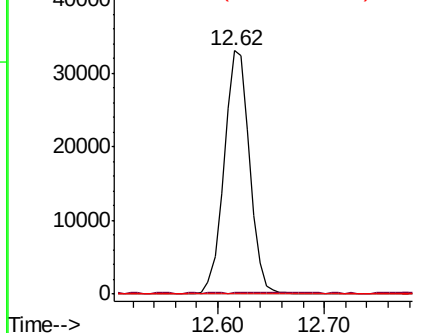
89 0.0 34.5 51.7#

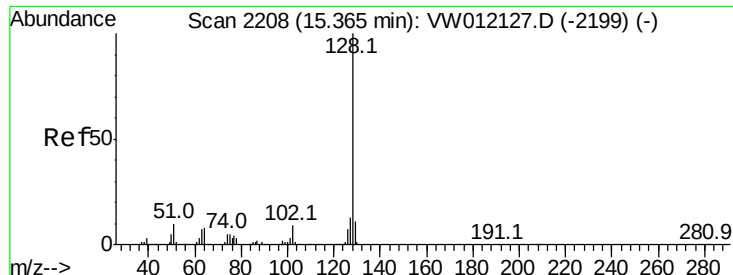


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95
Naphthalene
Concen: 5.003 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012636.D
Acq: 05 Sep 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 1968
Ion Ratio Lower Upper
128 100
127 22.0 10.7 16.1#
129 3.4 8.7 13.1#

