

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007533.D
 Acq On : 14 Dec 2018 14:16
 Operator : SY/AP
 Sample : J6371-03
 Misc : 4.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-11-12

Quant Time: Dec 15 00:42:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	174311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77353	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	49880	43.22	ug/l	0.00
Spiked Amount						
Recovery						
35) Dibromofluoromethane	7.88	113	44355	42.04	ug/l	0.00
Spiked Amount						
Recovery						
50) Toluene-d8	10.32	98	169708	42.90	ug/l	0.00
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	12.62	95	63817	43.87	ug/l	0.00
Spiked Amount						
Recovery						

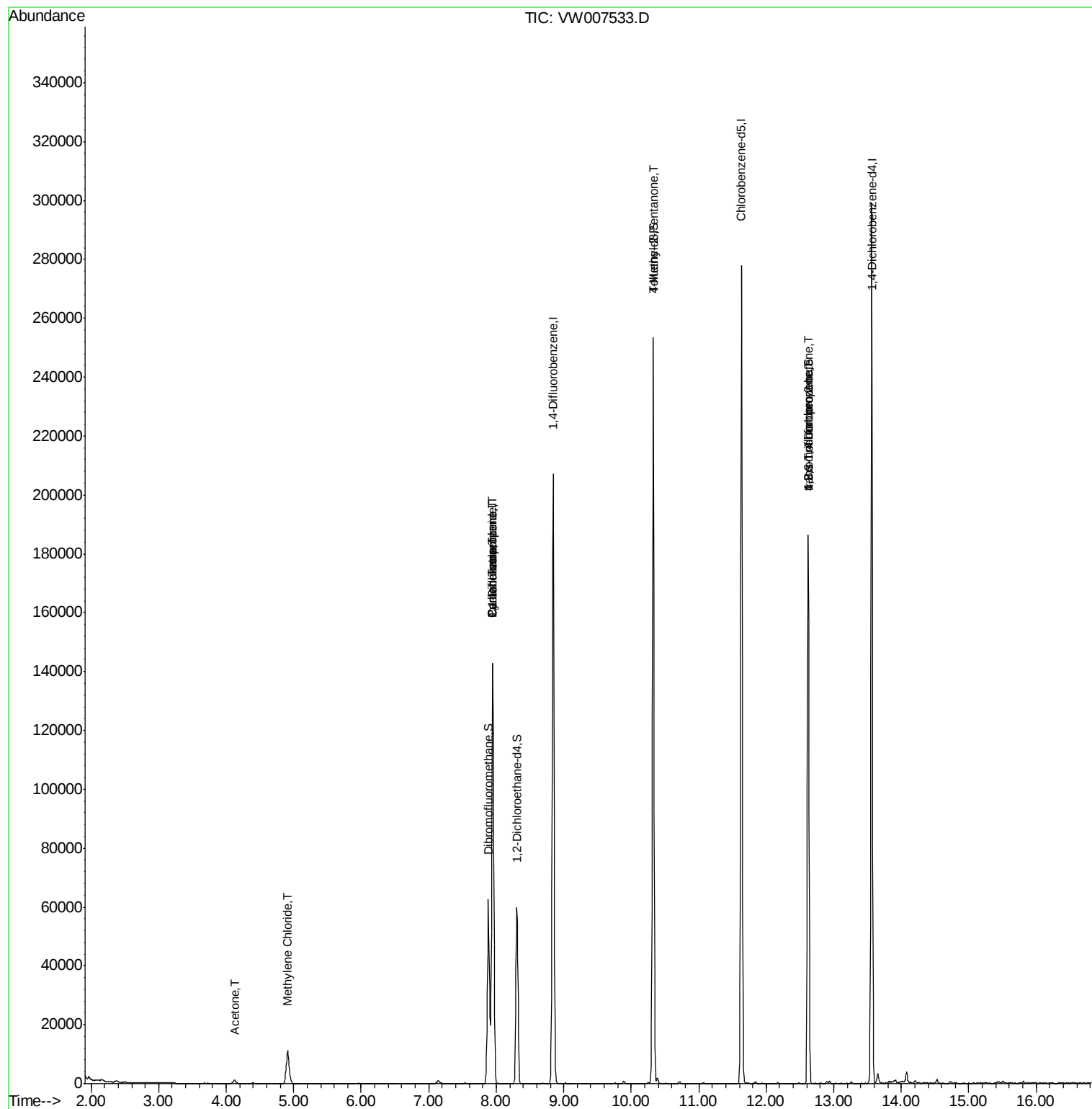
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2178	10.805	ug/l	96
20) Methylene Chloride	4.92	84	8802	4.413	ug/l	98
31) Cyclohexane	7.95	56	2155	1.202	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	7925	4.984	ug/l #	48
38) Carbon Tetrachloride	7.95	117	10962	6.336	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	686	1.243	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	32706	51.280	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	32706	113.277	ug/l #	7

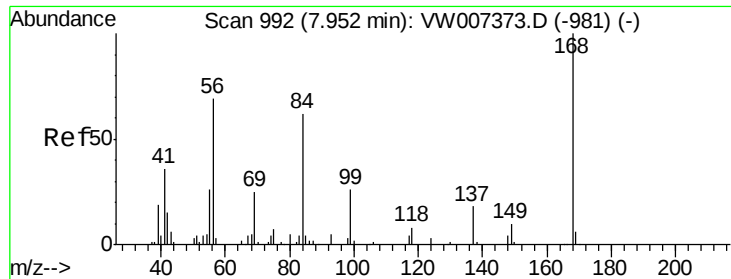
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

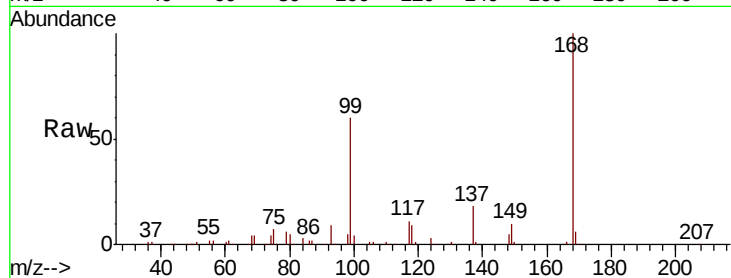
EB07-11-12

Tgt Ion:168 Resp: 104017

Ion Ratio Lower Upper

168 100

99 60.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

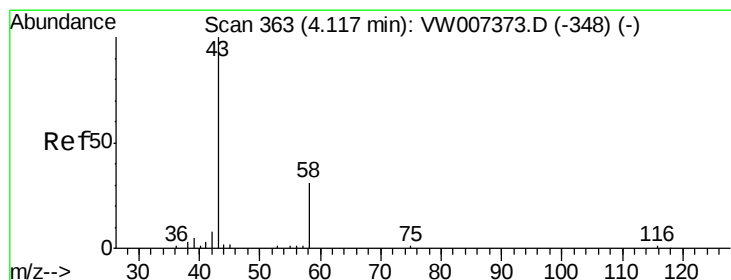
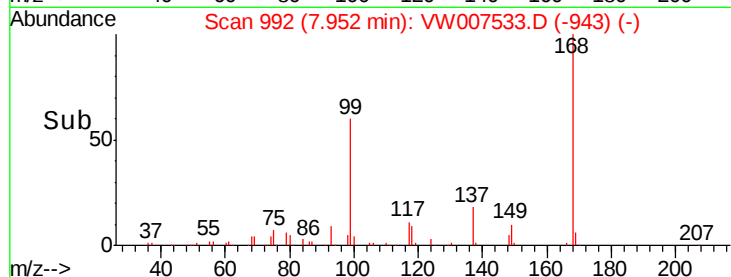
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 10.805 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007533.D

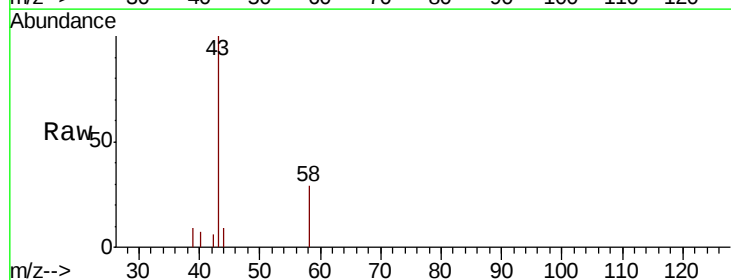
Acq: 14 Dec 2018 14:16

Tgt Ion: 43 Resp: 2178

Ion Ratio Lower Upper

43 100

58 28.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1000

800

600

400

200

0

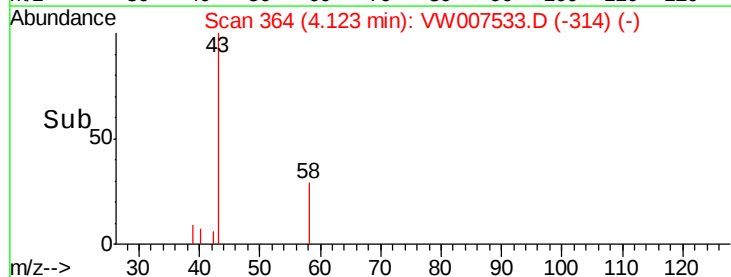
Time-->

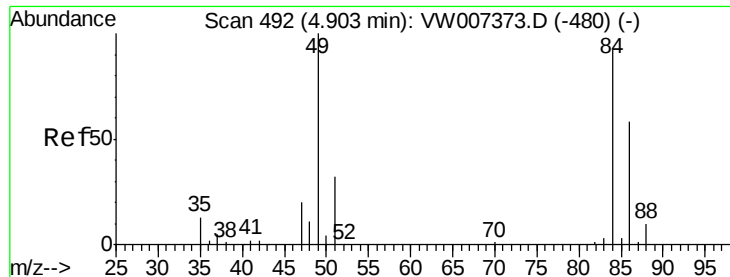
4.05

4.10

4.15

4.20





#20

Methylene Chloride

Concen: 4.413 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

EB07-11-12

Tgt Ion: 84 Resp: 8802

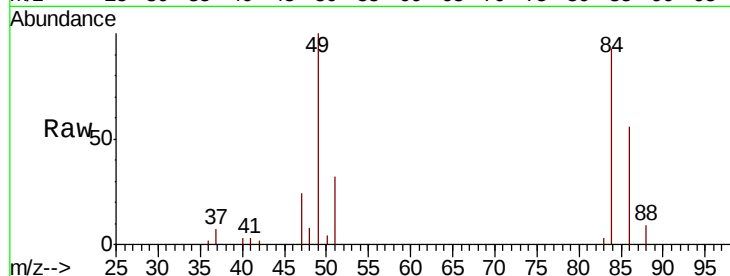
Ion Ratio Lower Upper

84 100

49 107.5 87.1 130.7

51 34.8 28.2 42.2

86 59.9 50.8 76.2



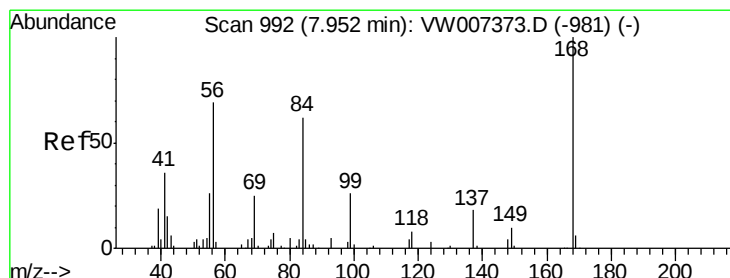
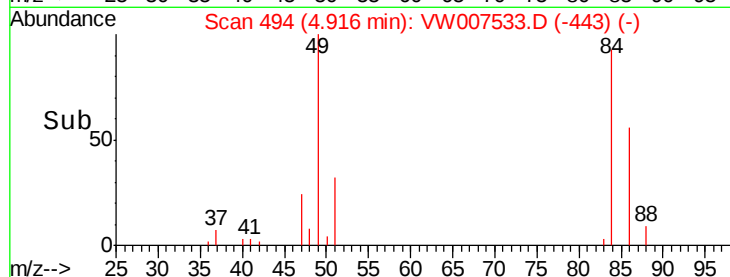
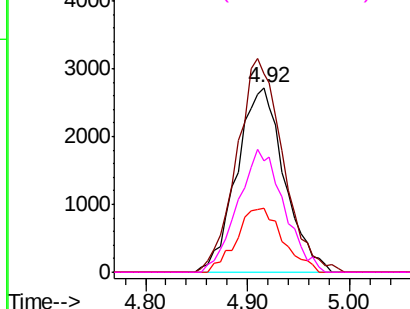
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

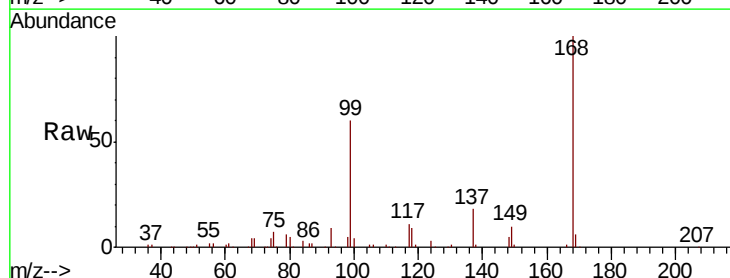
Tgt Ion: 56 Resp: 2155

Ion Ratio Lower Upper

56 100

69 167.7 28.9 43.3#

84 133.1 71.8 107.6#

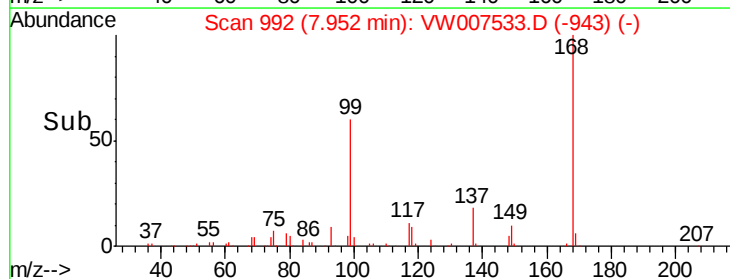
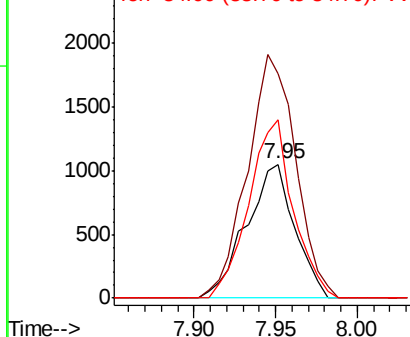


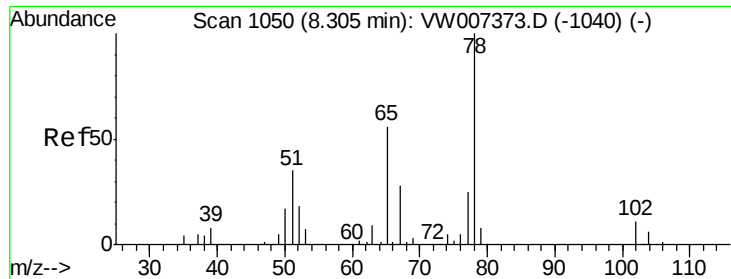
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

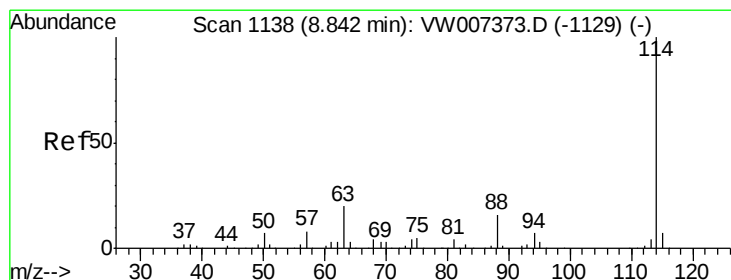
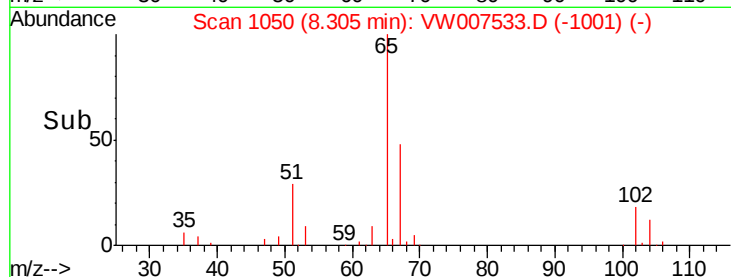
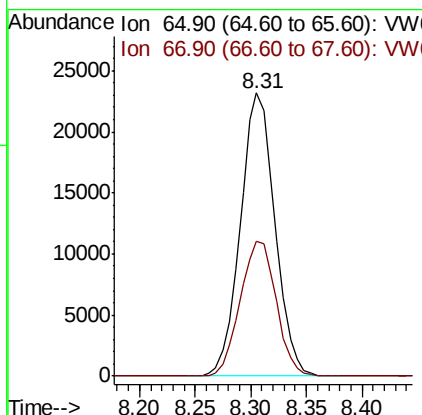
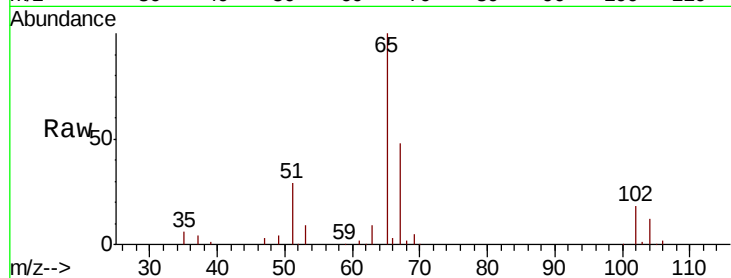




#33
 1,2-Dichloroethane-d4
 Concen: 43.224 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

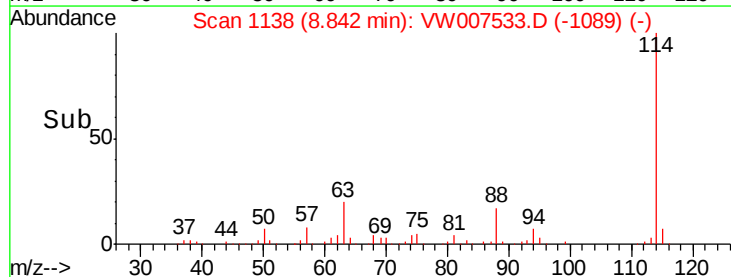
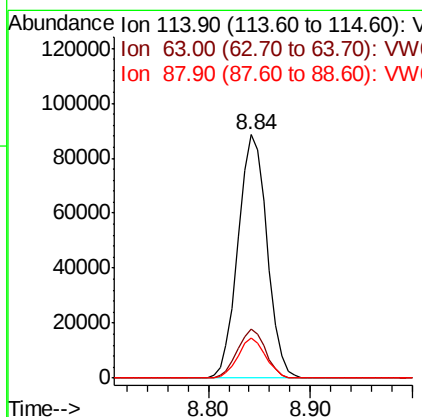
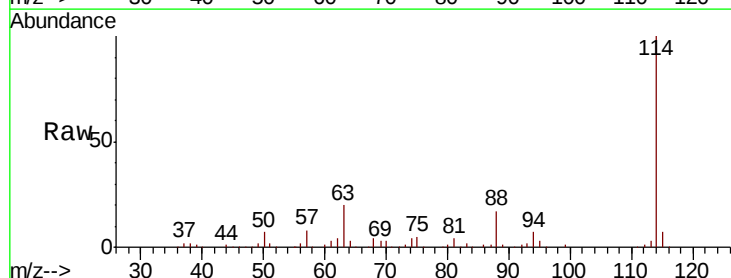
Instrument :
 MSVOA_W
 ClientSampleId :
 EB07-11-12

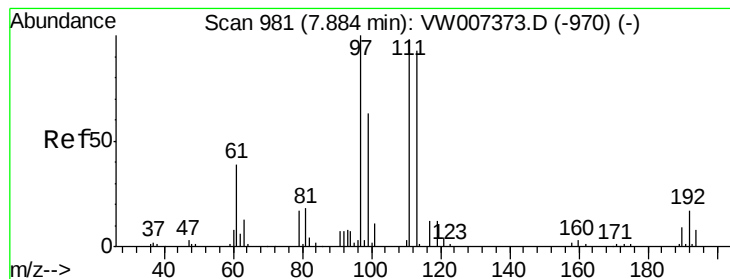
Tgt Ion: 65 Resp: 49880
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

Tgt Ion: 114 Resp: 174311
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 42.036 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

EB07-11-12

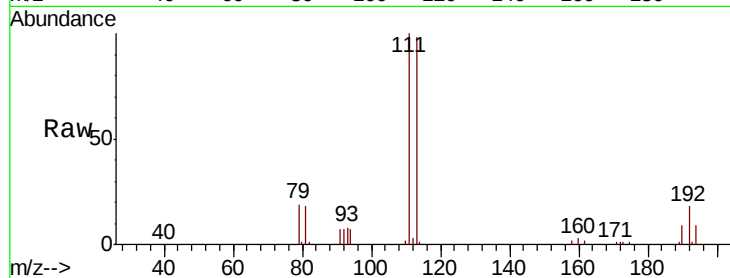
Tgt Ion:113 Resp: 44355

Ion Ratio Lower Upper

113 100

111 103.7 81.1 121.7

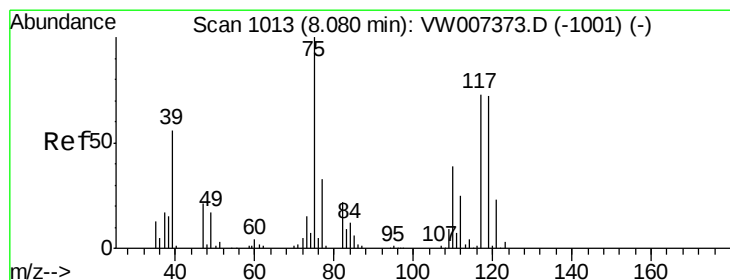
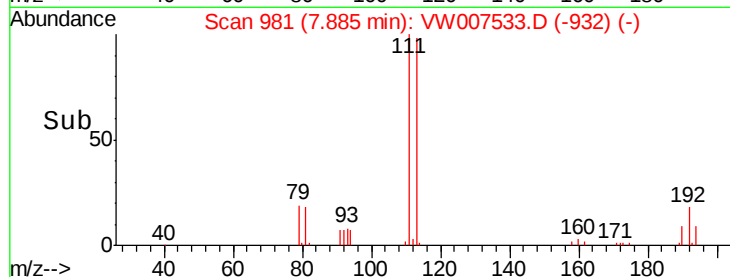
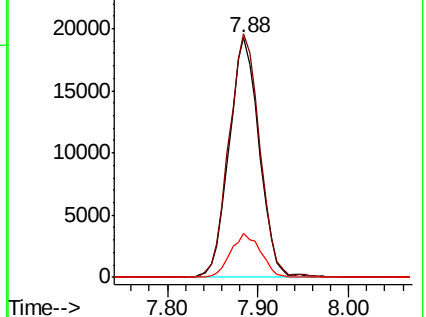
192 18.0 14.6 21.8



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: 4.984 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

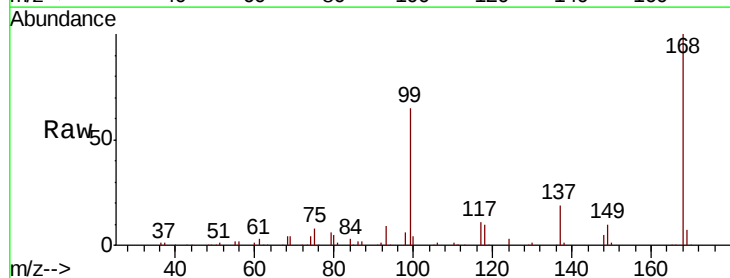
Tgt Ion: 75 Resp: 7925

Ion Ratio Lower Upper

75 100

110 9.4 18.5 55.5#

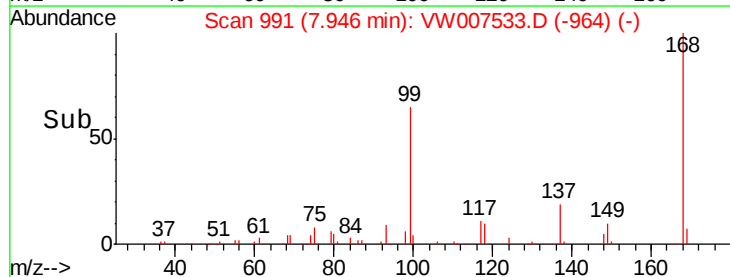
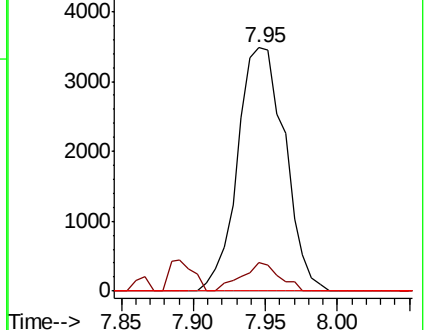
77 0.0 25.6 38.4#

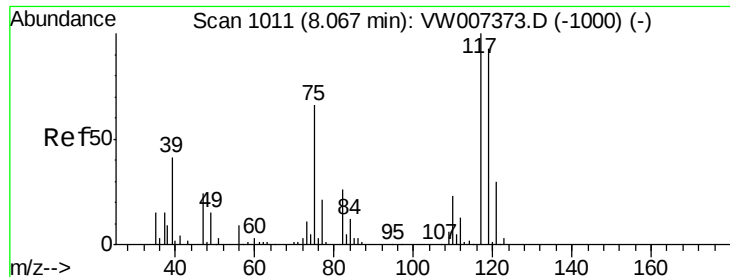


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

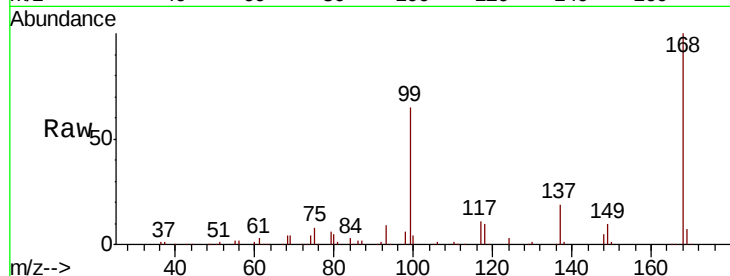




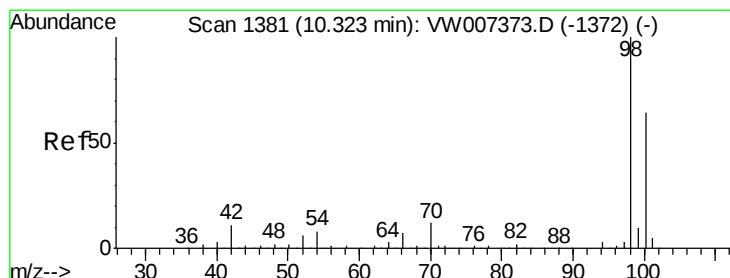
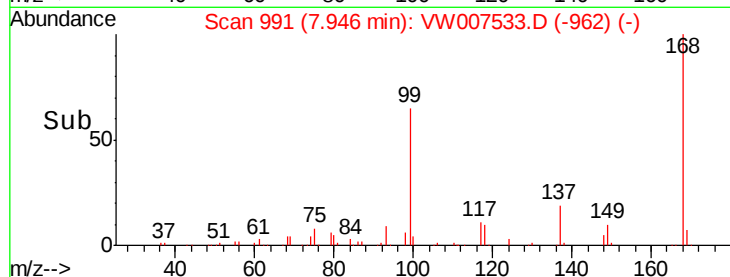
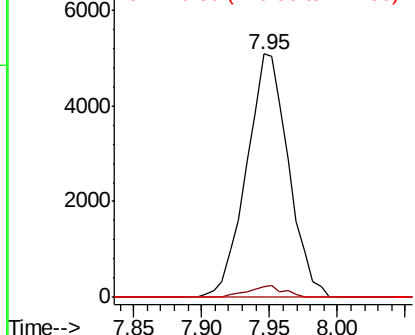
#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007533.D
Acq: 14 Dec 2018 14:16

Instrument :
MSVOA_W
ClientSampleId :
EB07-11-12

Tgt Ion: 117 Resp: 10962
Ion Ratio Lower Upper
117 100
119 4.4 74.3 111.5#
121 0.0 24.3 36.5#

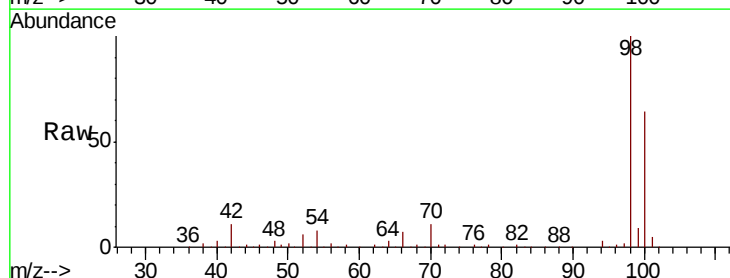


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

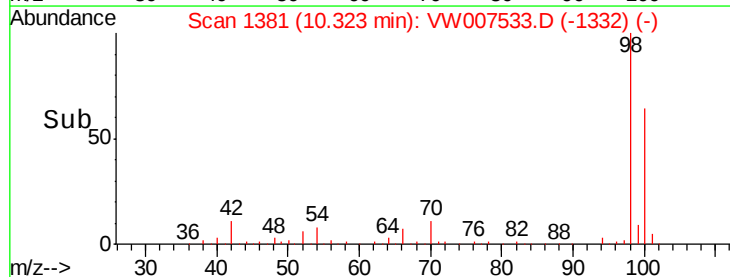
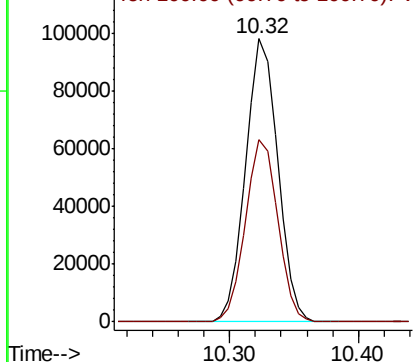


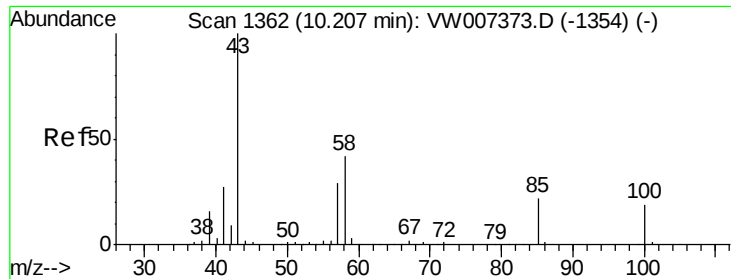
#50
Toluene-d8
Concen: 42.895 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007533.D
Acq: 14 Dec 2018 14:16

Tgt Ion: 98 Resp: 169708
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

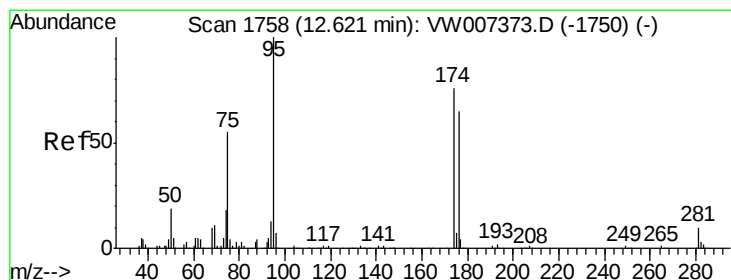
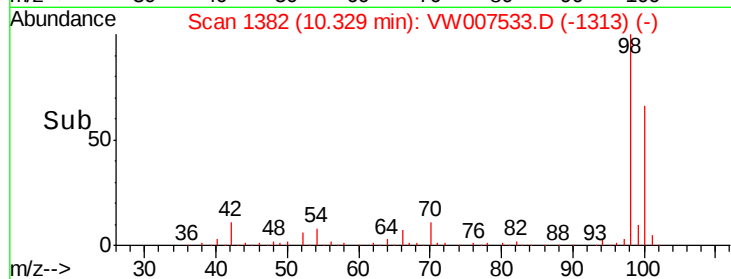
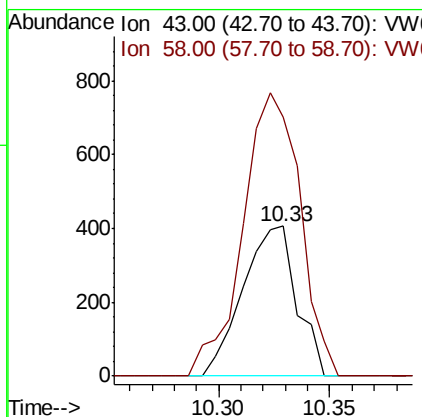
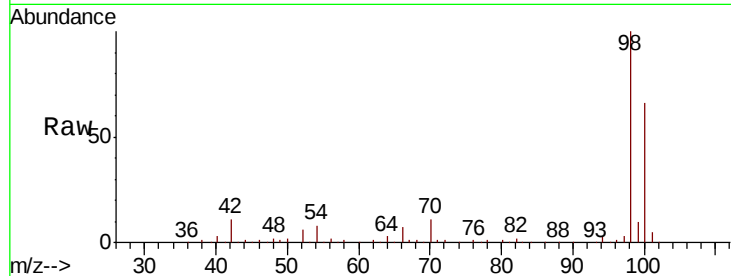




#51
 4-Methyl-2-Pentanone
 Concen: 1.243 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

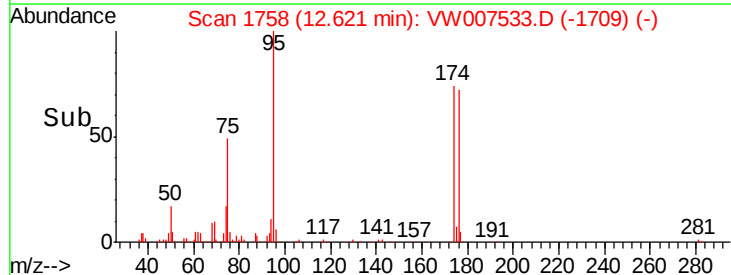
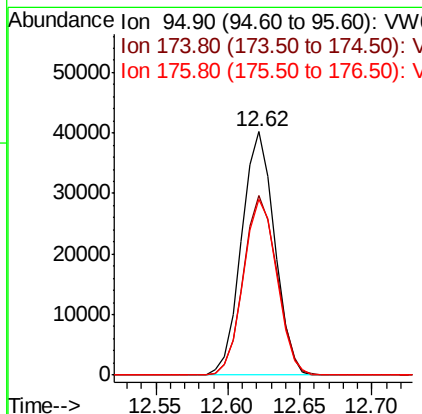
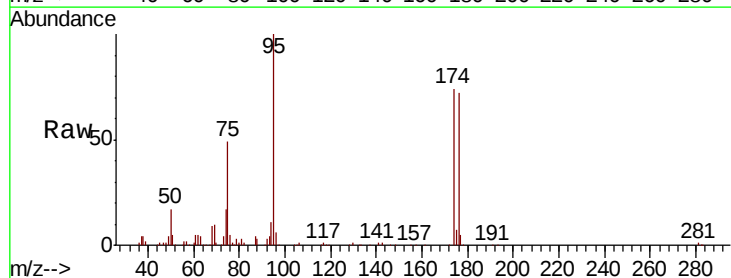
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 MSVOA_W
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 EB07-11-12

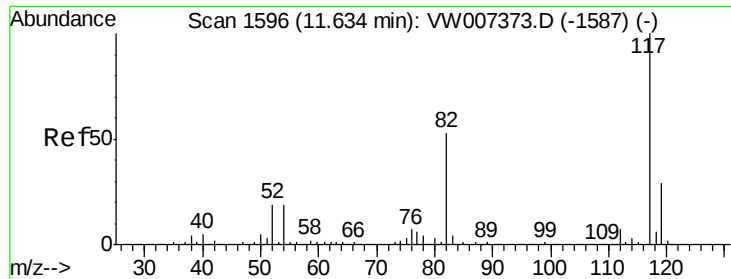
Tgt Ion: 43 Resp: 686
 Ion Ratio Lower Upper
 43 100
 58 200.6 33.1 49.7#



#62
 4-Bromofluorobenzene
 Concen: 43.871 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007533.D
 Acq: 14 Dec 2018 14:16

Tgt Ion: 95 Resp: 63817
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 147.2
 176 73.2 0.0 138.8

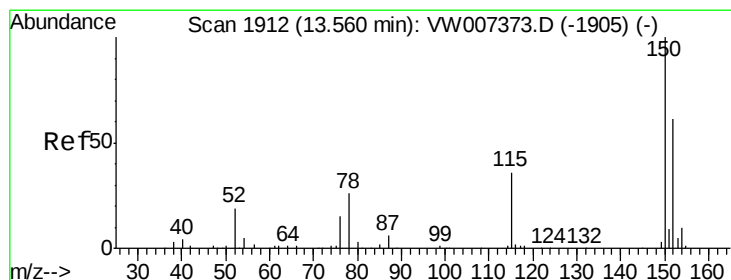
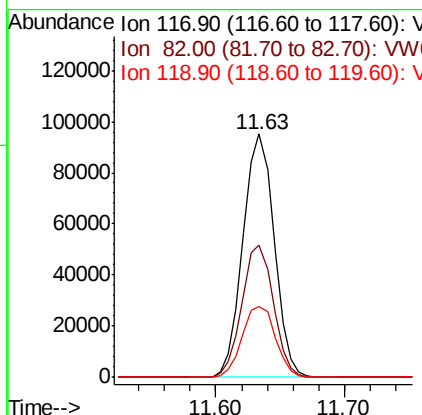
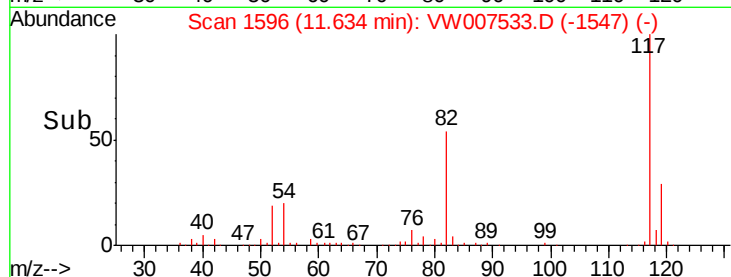
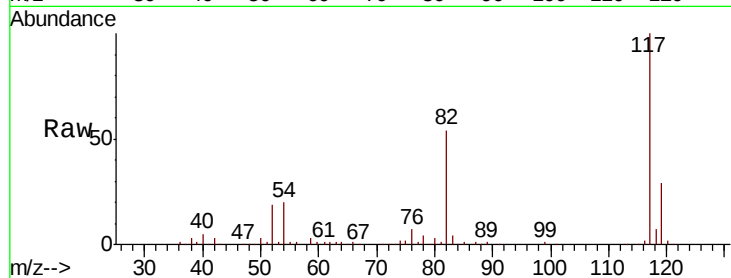




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007533.D
Acq: 14 Dec 2018 14:16

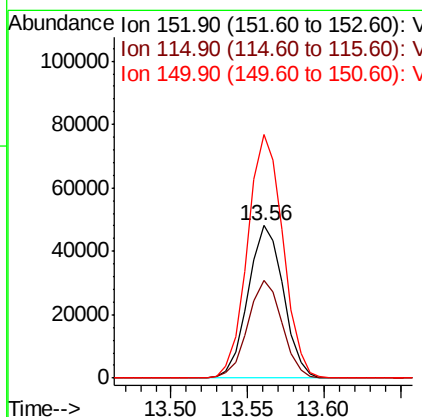
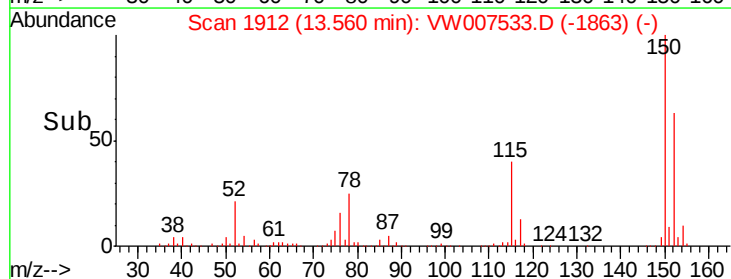
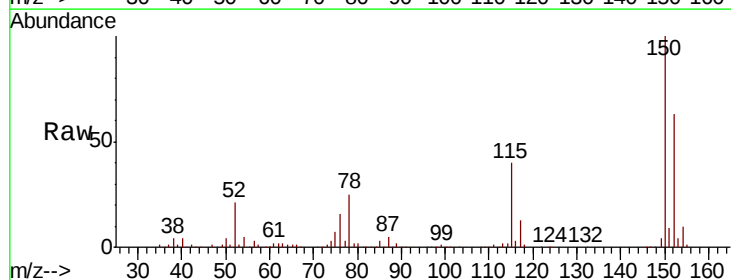
Instrument :
MSVOA_W
ClientSampleId :
EB07-11-12

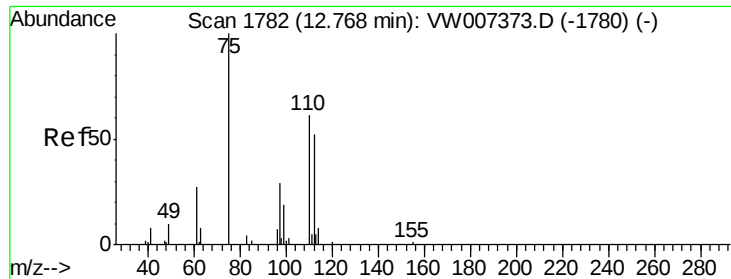
Tgt Ion:117 Resp: 159245
Ion Ratio Lower Upper
117 100
82 54.3 42.3 63.5
119 29.3 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007533.D
Acq: 14 Dec 2018 14:16

Tgt Ion:152 Resp: 77353
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.2
150 160.0 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 51.280 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Instrument :

MSVOA_W

ClientSampleId :

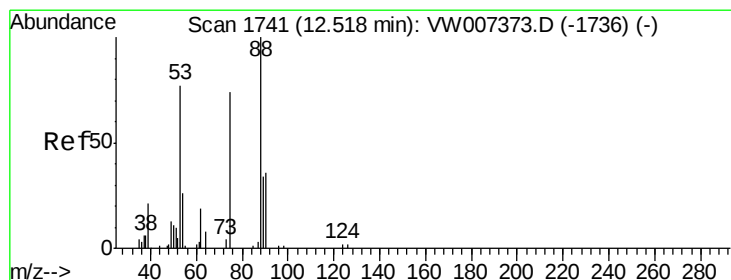
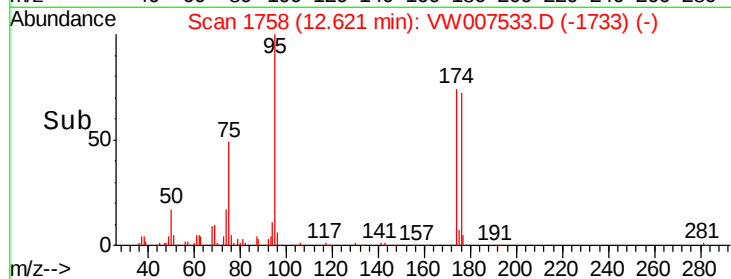
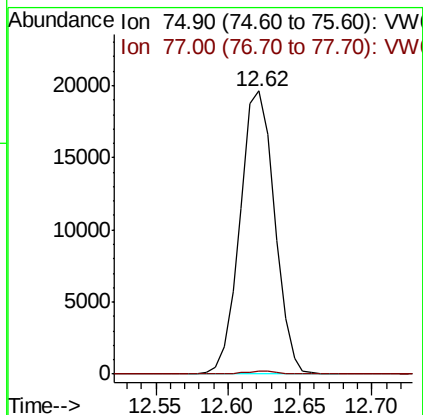
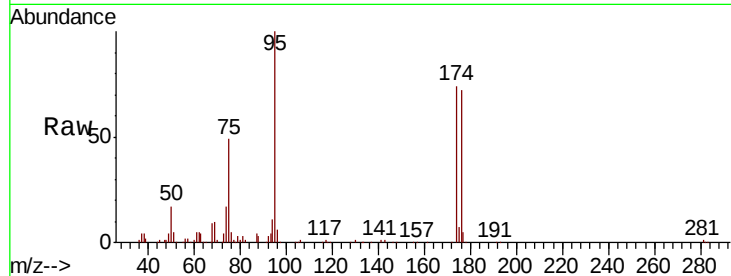
EB07-11-12

Tgt Ion: 75 Resp: 32706

Ion Ratio Lower Upper

75 100

77 1.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.277 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007533.D

Acq: 14 Dec 2018 14:16

Tgt Ion: 75 Resp: 32706

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

