

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007635.D
 Acq On : 17 Dec 2018 16:50
 Operator : SY/AP
 Sample : J6378-17RE
 Misc : 4.68G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:05:57 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	57950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	94086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	66421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18165	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	37273	57.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.96%	
35) Dibromofluoromethane	7.88	113	33429	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.38%	
50) Toluene-d8	10.32	98	105891	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	26249	33.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.86%	

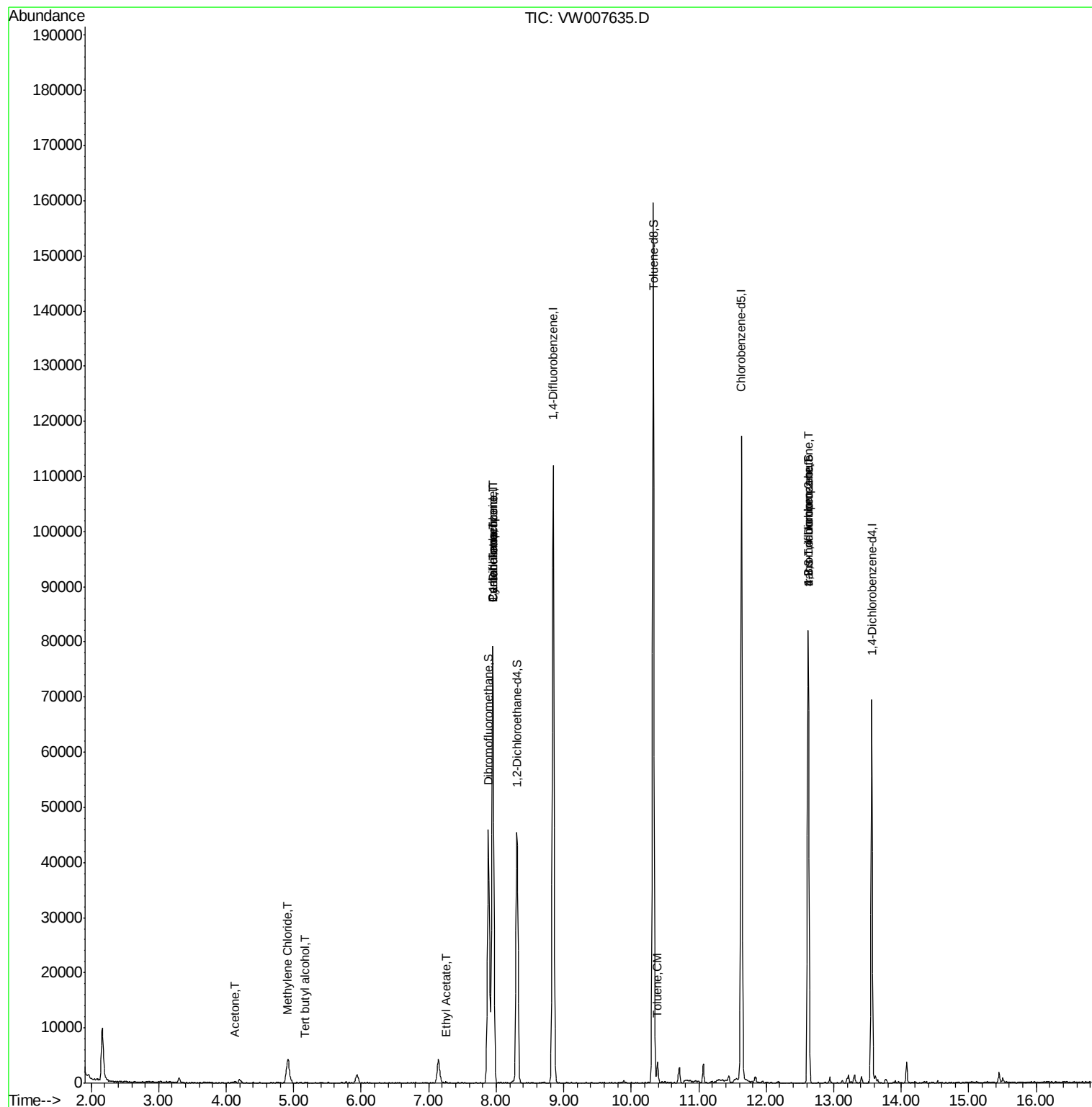
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	88	1.993	ug/l #	74
16) Acetone	4.12	43	424	3.776	ug/l #	87
20) Methylene Chloride	4.91	84	3739	2.355	ug/l #	87
31) Cyclohexane	7.95	56	1359	1.361	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	4345	5.062	ug/l #	51
37) Ethyl Acetate	7.25	43	364	1.140	ug/l #	66
38) Carbon Tetrachloride	7.95	117	6087	6.518	ug/l #	18
52) Toluene	10.39	92	1679	1.089	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	13451	89.808	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	13451	198.386	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: VW007635.D

Acq: 17 Dec 2018 16:50

Instrument :

MSVOA_W

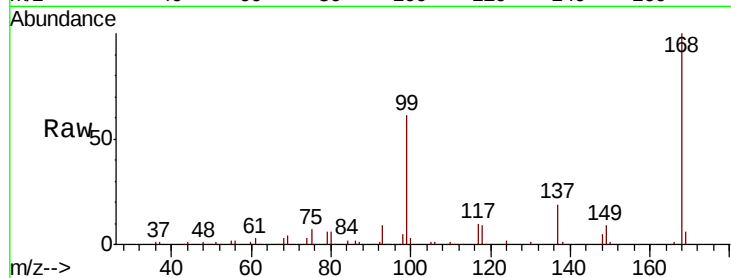
ClientSampled :

Tot Ion:168 Resp: 57950

Ion Ratio Lower Upper

168 100

99 60.7 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

30000

25000

20000

15000

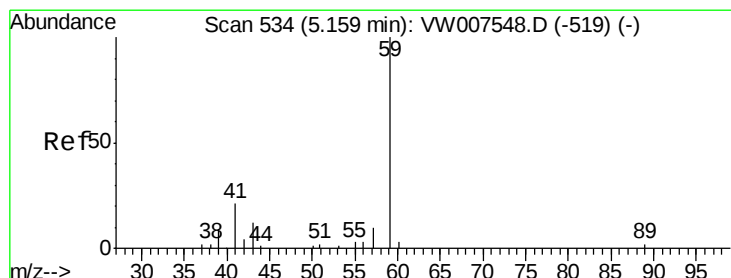
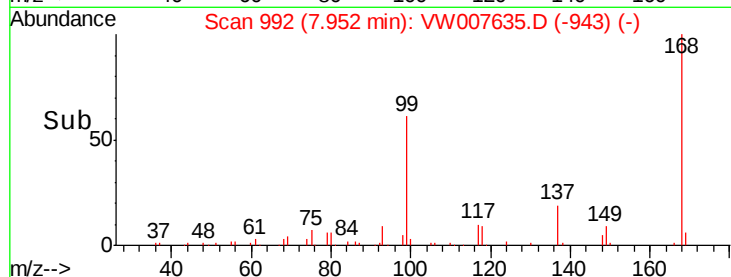
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.993 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW007635.D

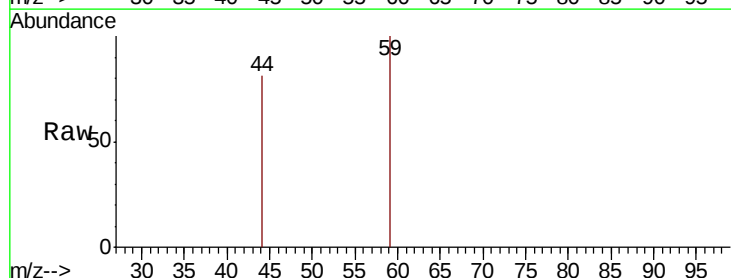
Acq: 17 Dec 2018 16:50

Tgt Ion: 59 Resp: 88

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

100

80

60

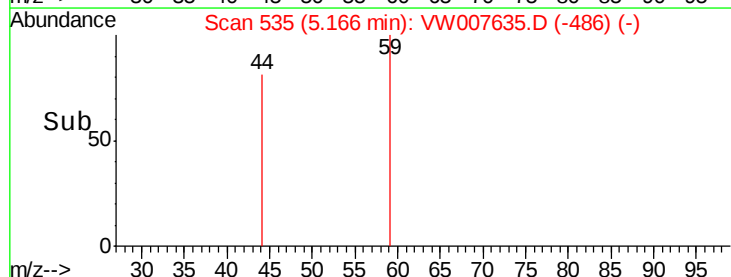
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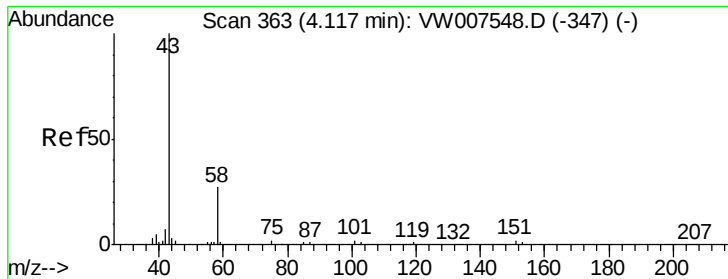
20

0

Time-->

5.14 5.16 5.18





#16

Acetone

Concen: 3.776 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

Instrument :

MSVOA_W

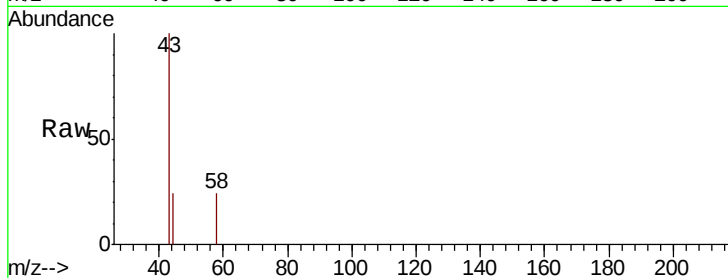
ClientSampled :

Tot Ion: 43 Resp: 424

Ion Ratio Lower Upper

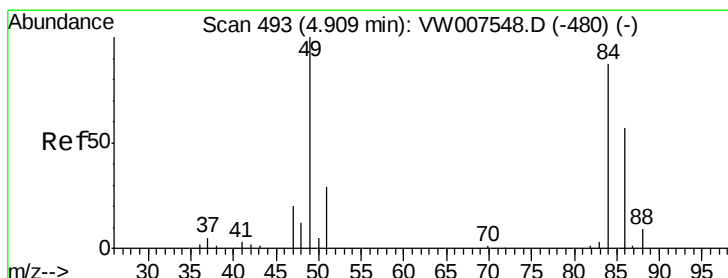
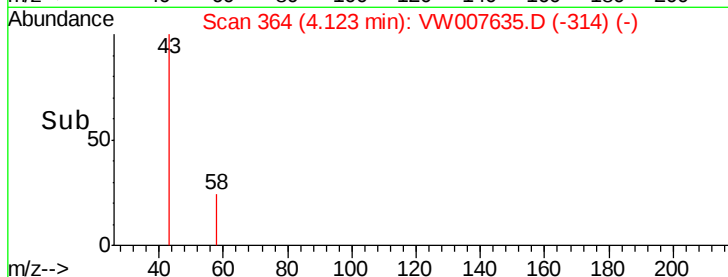
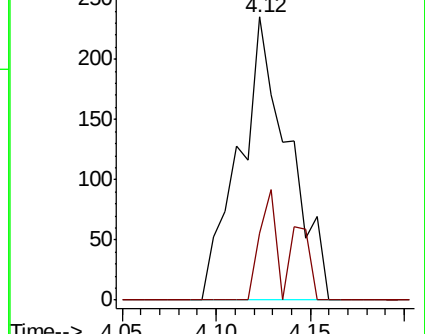
43 100

58 23.8 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.355 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

Tgt Ion: 84 Resp: 3739

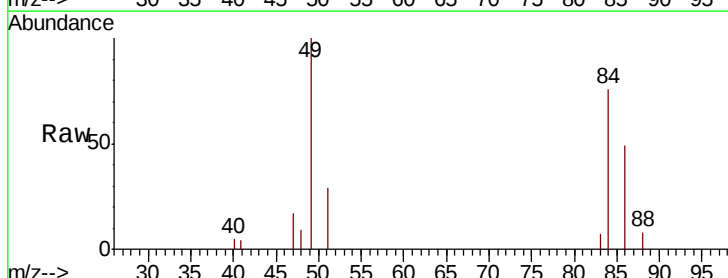
Ion Ratio Lower Upper

84 100

49 131.9 87.1 130.7#

51 38.7 28.2 42.2

86 65.1 50.8 76.2

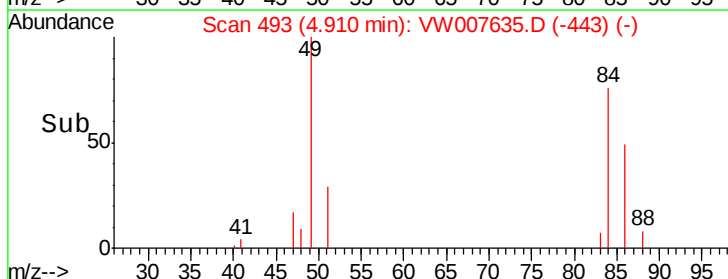
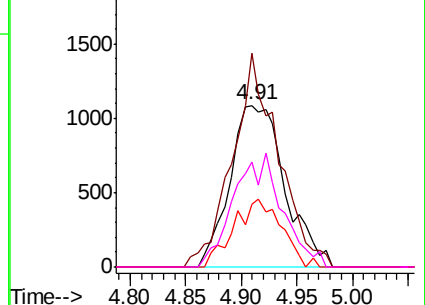


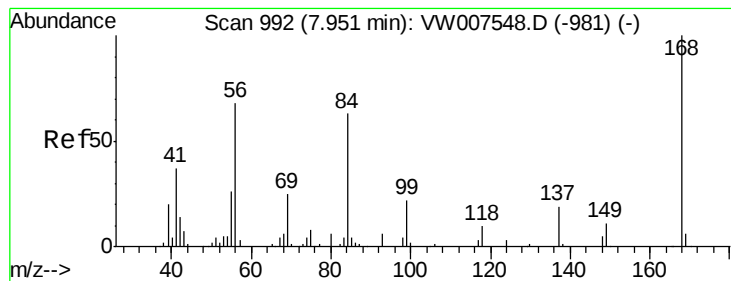
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.361 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

Instrument :

MSVOA_W

ClientSampled :

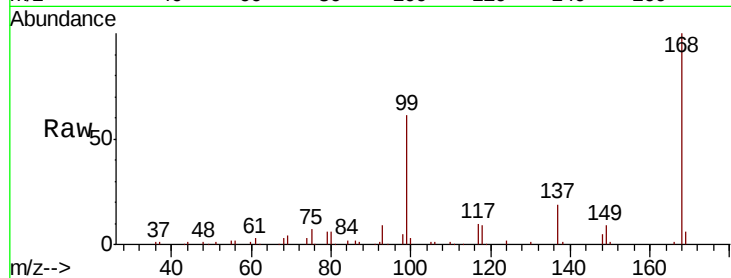
Tot Ion: 56 Resp: 1359

Ion Ratio Lower Upper

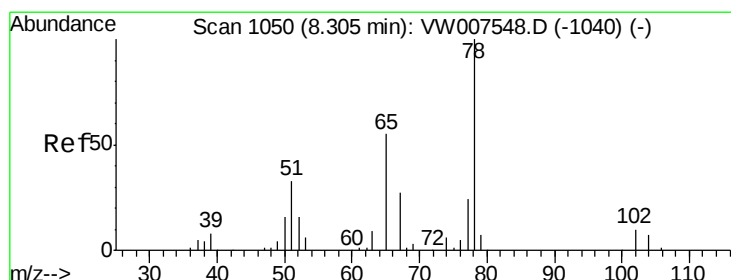
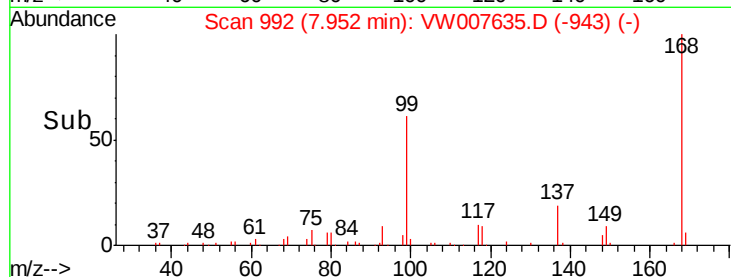
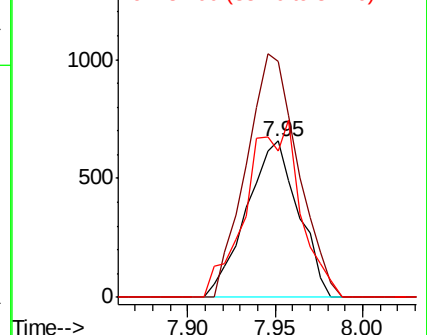
56 100

69 151.1 28.9 43.3#

84 93.8 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: 57.976 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007635.D

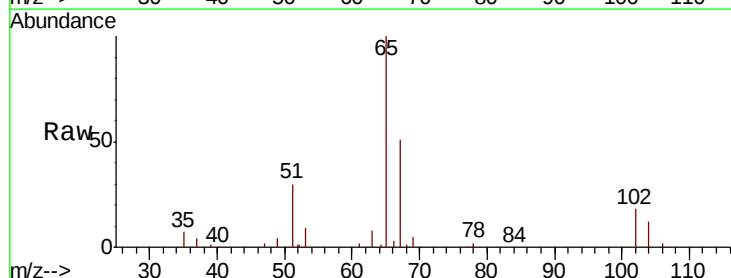
Acq: 17 Dec 2018 16:50

Tgt Ion: 65 Resp: 37273

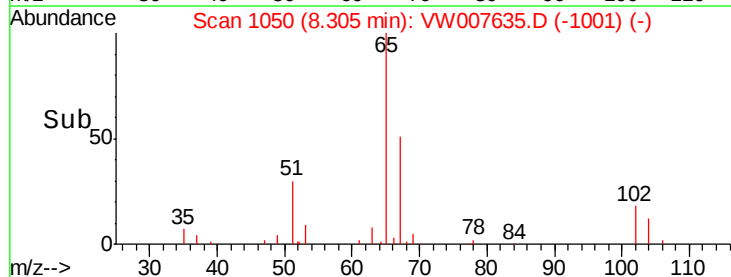
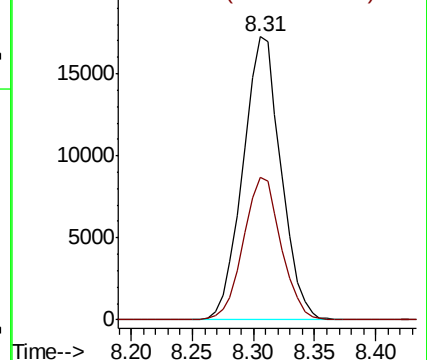
Ion Ratio Lower Upper

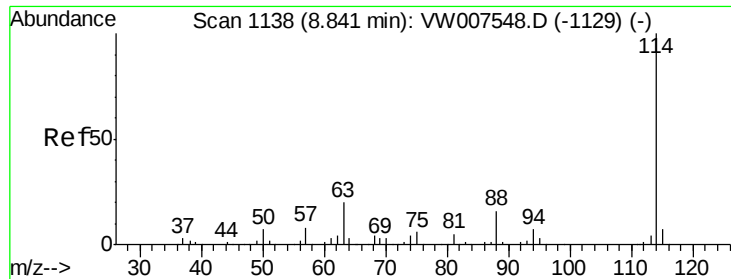
65 100

67 49.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

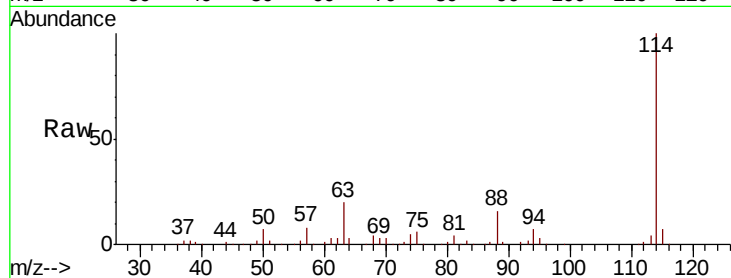




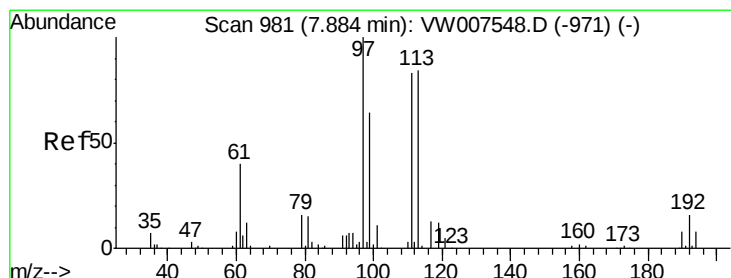
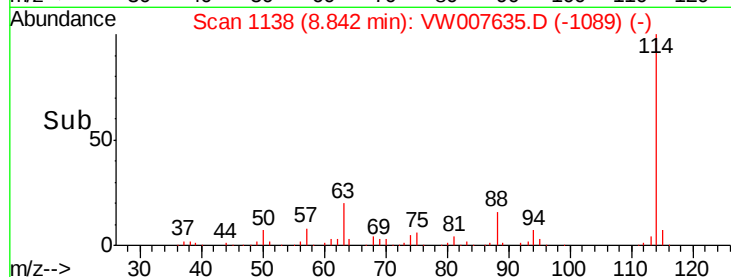
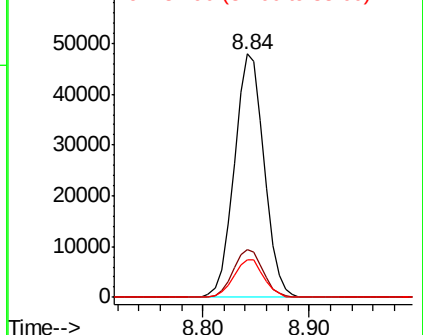
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007635.D
Acq: 17 Dec 2018 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 94086
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.6 0.0 31.4

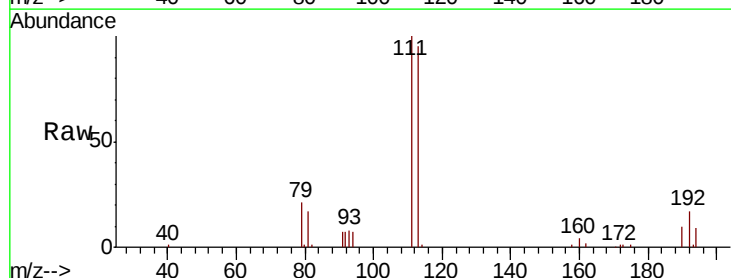


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

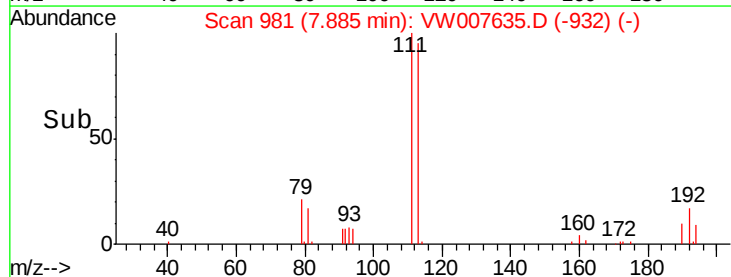
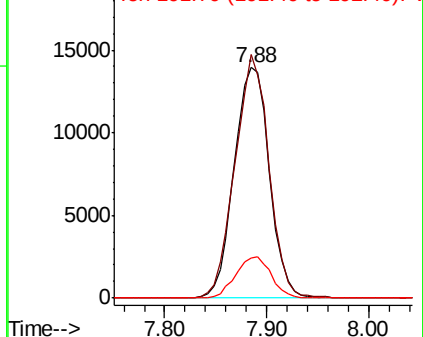


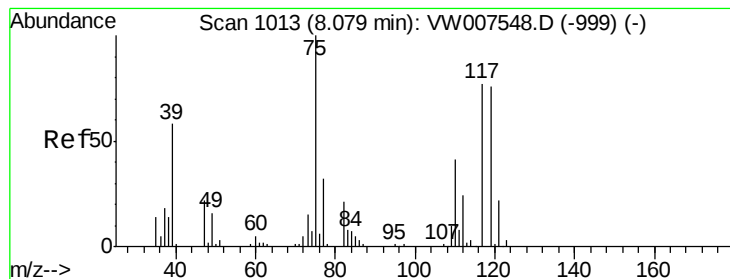
#35
Dibromofluoromethane
Concen: 58.695 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007635.D
Acq: 17 Dec 2018 16:50

Tgt Ion:113 Resp: 33429
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 17.9 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

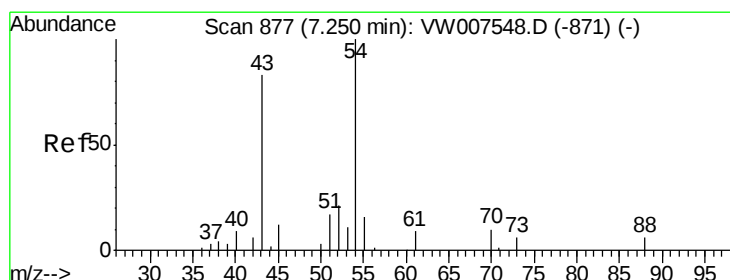
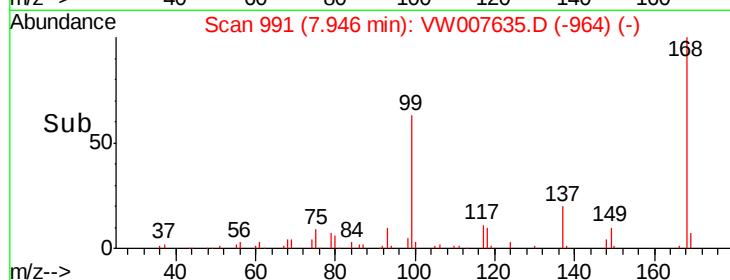
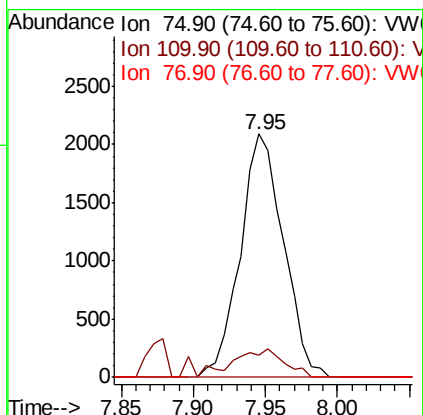
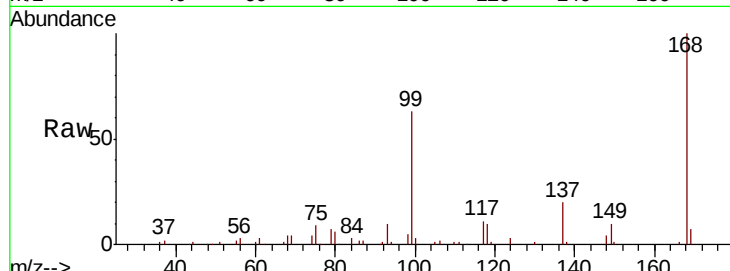




#36
 1,1-Dichloropropene
 Concen: 5.062 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007635.D
 Acq: 17 Dec 2018 16:50

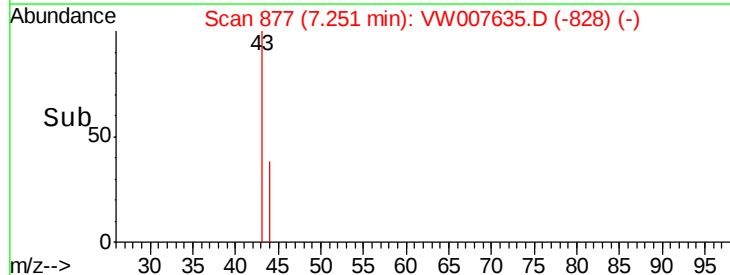
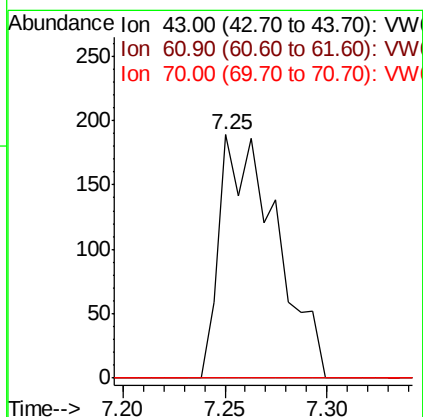
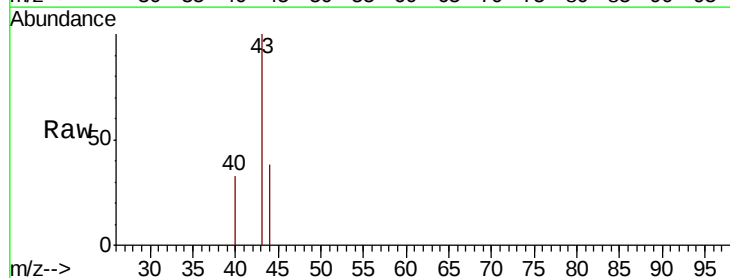
Instrument :
 MSVOA_W
 ClientSampled :

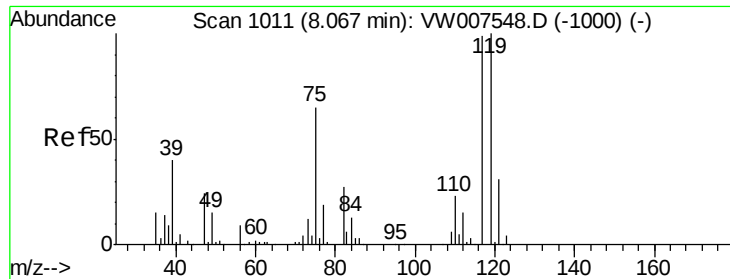
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.4	18.5	55.5#
77	0.0	25.6	38.4#



#37
 Ethyl Acetate
 Concen: 1.140 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW007635.D
 Acq: 17 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	10.0	15.0#

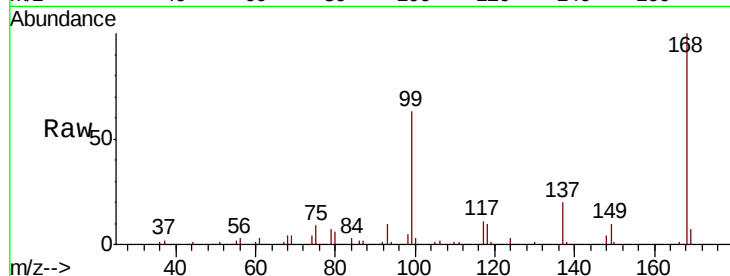




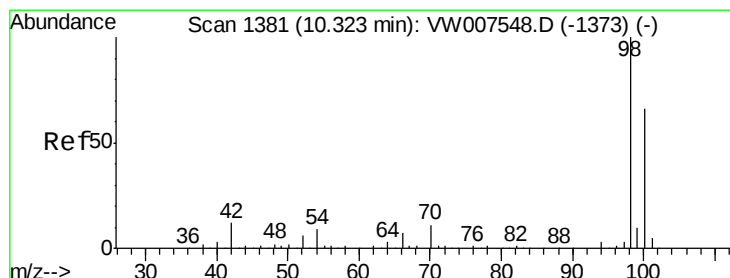
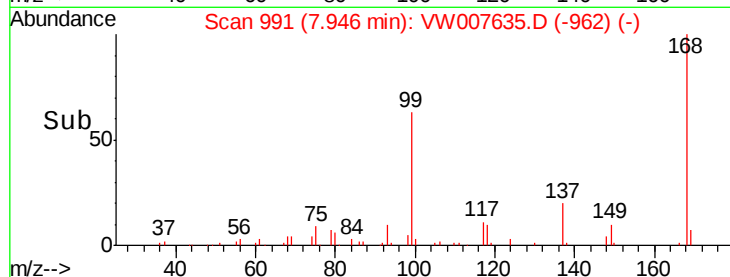
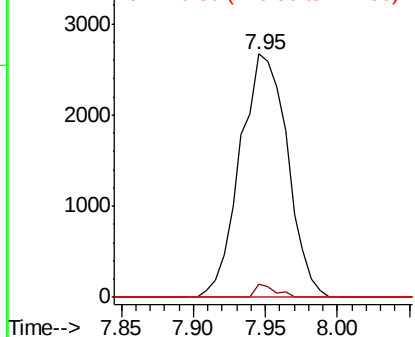
#38
Carbon Tetrachloride
Concen: 6.518 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007635.D
Acq: 17 Dec 2018 16:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 6087
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.3 36.5#

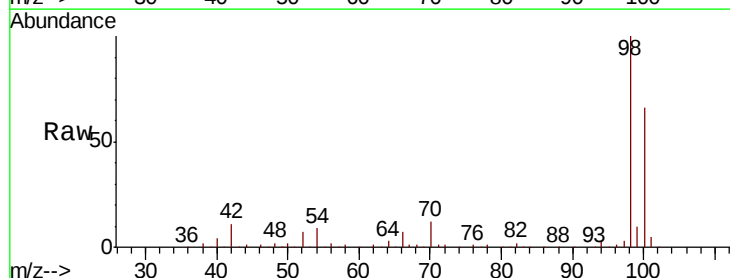


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

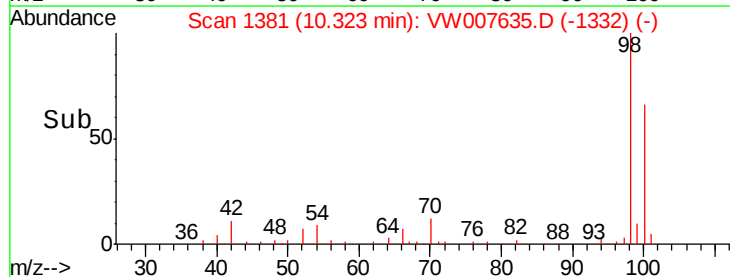
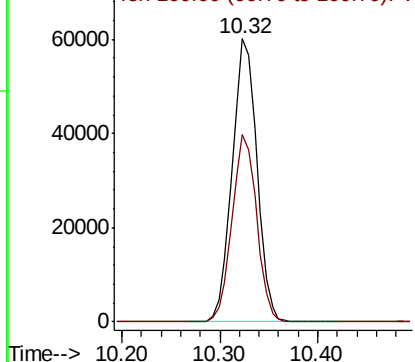


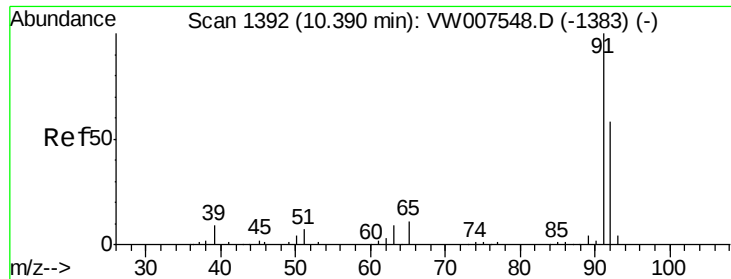
#50
Toluene-d8
Concen: 49.587 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007635.D
Acq: 17 Dec 2018 16:50

Tgt Ion: 98 Resp: 105891
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8



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





#52

Toluene

Concen: 1.089 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

Instrument :

MSVOA_W

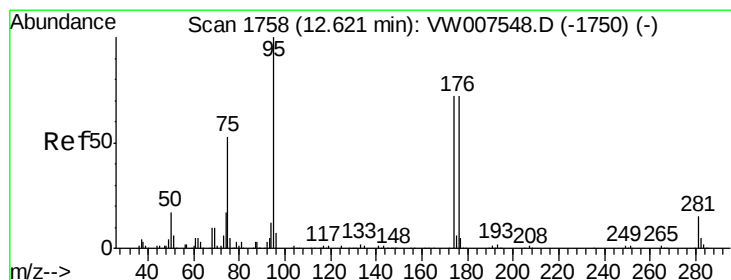
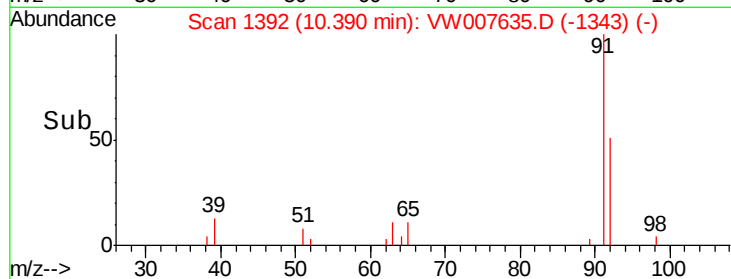
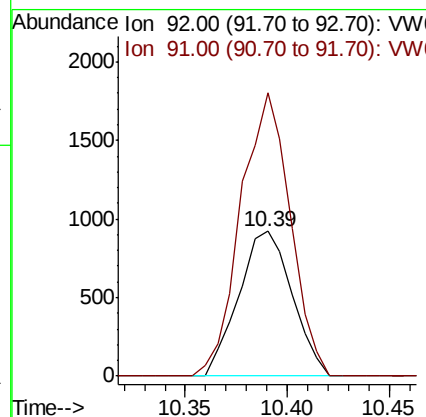
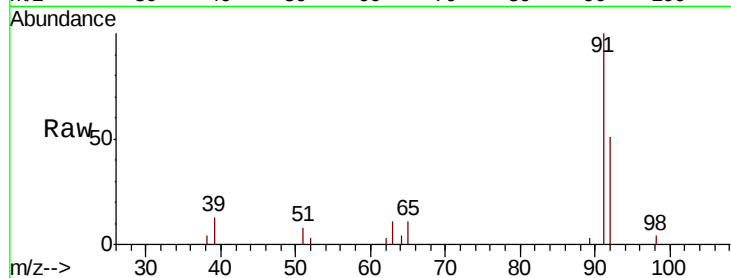
ClientSampleId :

Tot Ion: 92 Resp: 1679

Ion Ratio Lower Upper

92 100

91 181.2 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 33.432 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

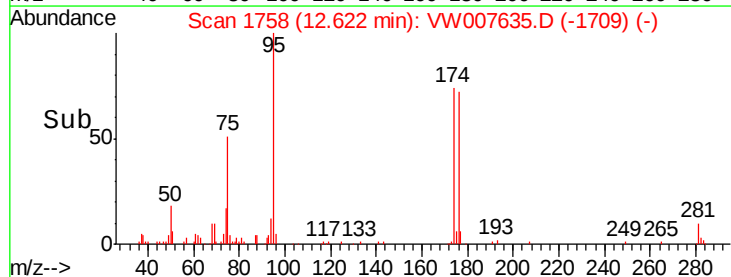
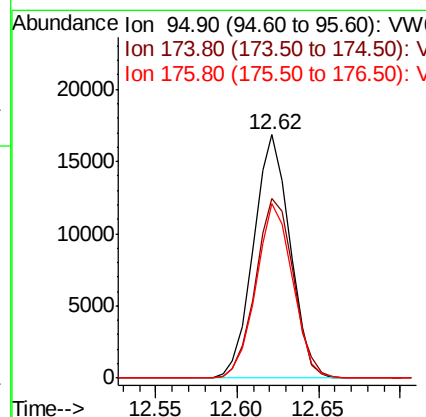
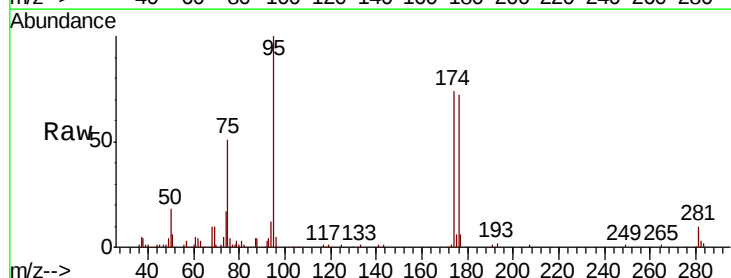
Tgt Ion: 95 Resp: 26249

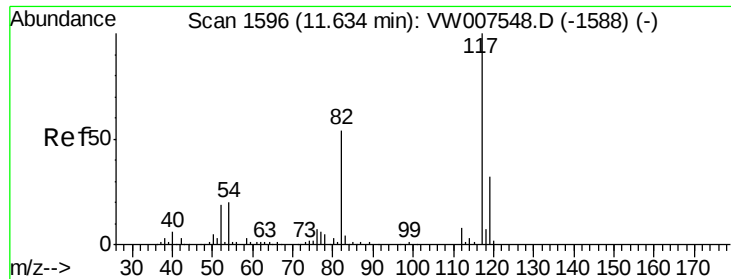
Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.2

176 72.2 0.0 138.8

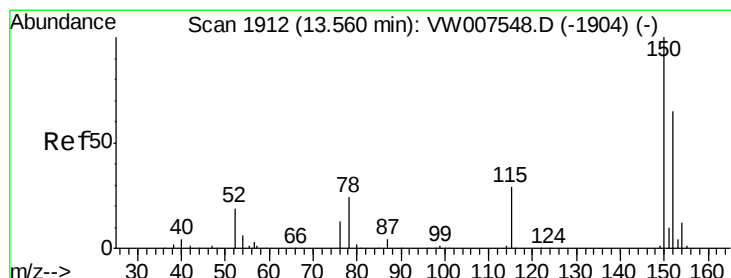
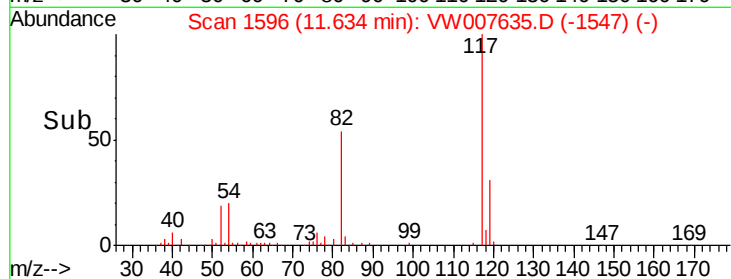
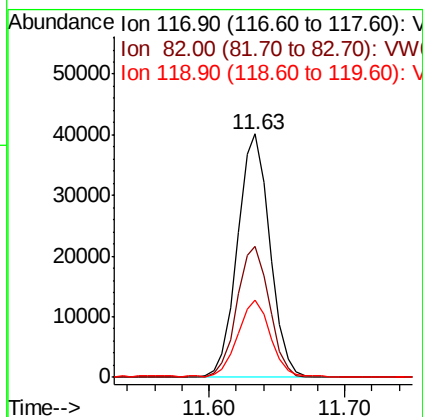
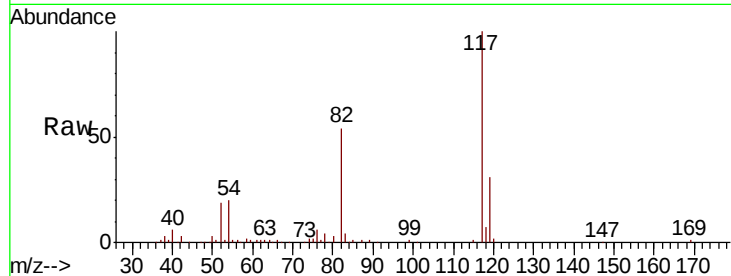




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007635.D
Acq: 17 Dec 2018 16:50

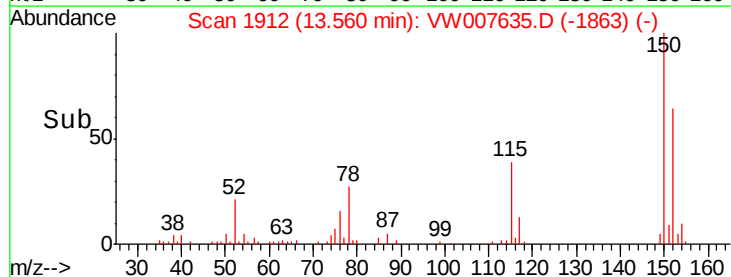
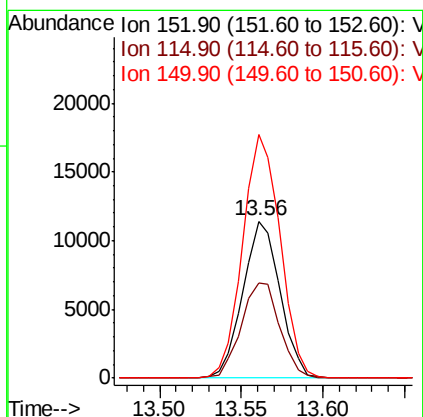
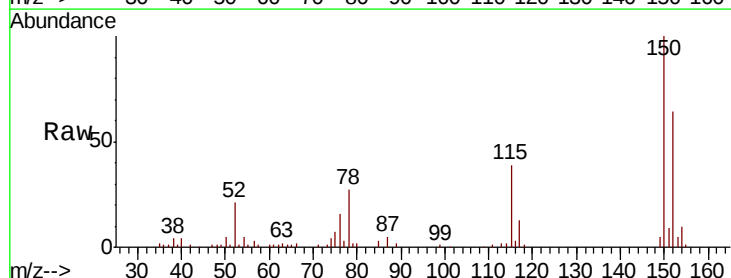
Instrument :
MSVOA_W
ClientSampleId :

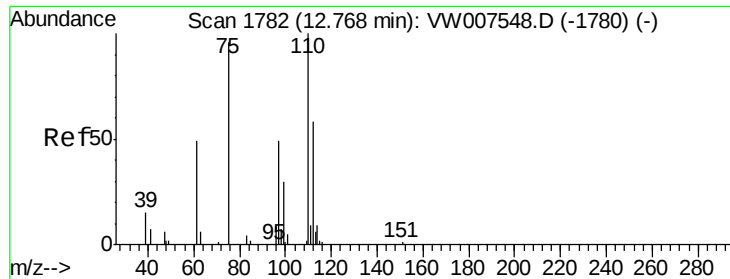
Tot Ion:117 Resp: 66421
Ion Ratio Lower Upper
117 100
82 54.0 42.3 63.5
119 31.1 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007635.D
Acq: 17 Dec 2018 16:50

Tgt Ion:152 Resp: 18165
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 156.0 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 89.808 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

Instrument :

MSVOA_W

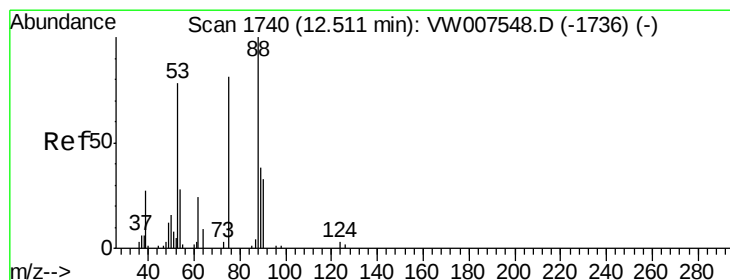
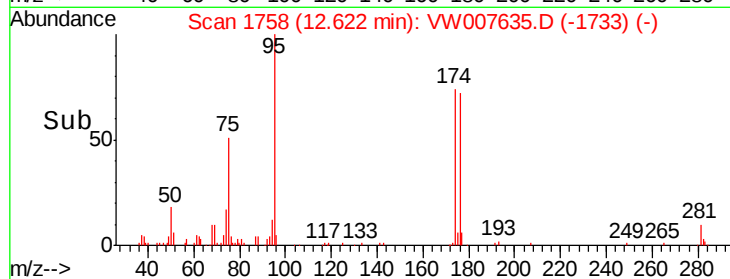
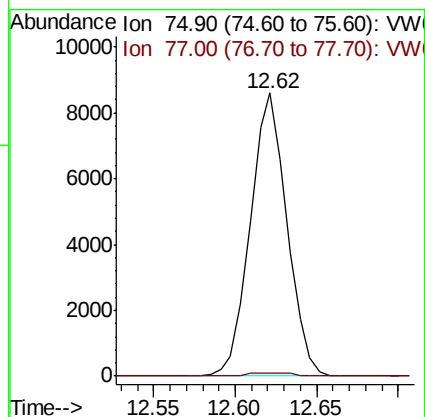
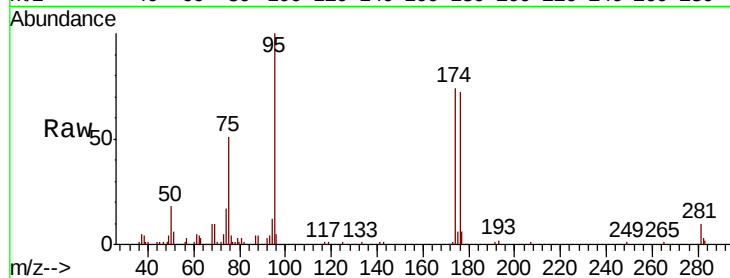
ClientSampleId :

Tot Ion: 75 Resp: 13451

Ion Ratio Lower Upper

75 100

77 1.3 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 198.386 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007635.D

Acq: 17 Dec 2018 16:50

Tgt Ion: 75 Resp: 13451

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

