

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
 Data File : VW004763.D
 Acq On : 18 Aug 2018 06:31
 Operator : SY/AP
 Sample : J4500-01
 Misc : 5.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Aug 18 06:52:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	628969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1108826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1011197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	433387	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	348080	57.24	ug/l	0.00
Spiked Amount			Recovery	=	114.48%	
35) Dibromofluoromethane	7.88	113	28396	4.01	ug/l	0.00
Spiked Amount			Recovery	=	8.02%	
50) Toluene-d8	10.33	98	1243850	44.96	ug/l	0.00
Spiked Amount			Recovery	=	89.92%	
62) 4-Bromofluorobenzene	12.62	95	386232	38.81	ug/l	0.00
Spiked Amount			Recovery	=	77.62%	

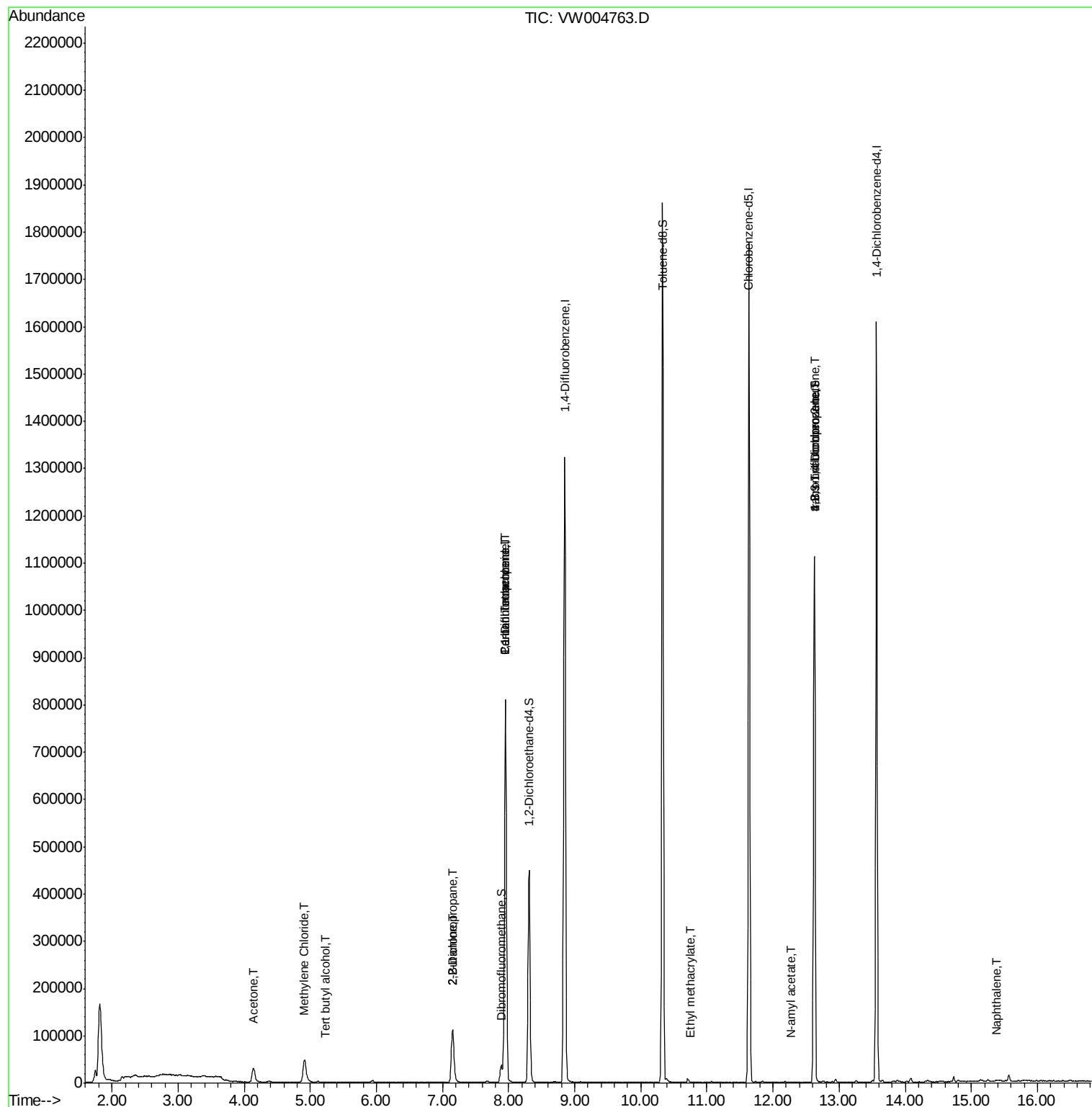
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	632	1.860	ug/l #	72
16) Acetone	4.14	43	57149	36.816	ug/l	97
20) Methylene Chloride	4.91	84	43054	1.925	ug/l	97
25) 2-Butanone	7.15	43	7667	3.467	ug/l #	71
26) 2,2-Dichloropropane	7.15	77	8131	1.146	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	46513	4.072	ug/l #	49
38) Carbon Tetrachloride	7.95	117	59204	5.631	ug/l #	17
56) Ethyl methacrylate	10.76	69	19	2.983	ug/l #	1
74) N-amyl acetate	12.27	43	297	4.059	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	181734	47.569	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	181734	110.564	ug/l #	14
95) Naphthalene	15.37	128	2973	3.662	ug/l #	89

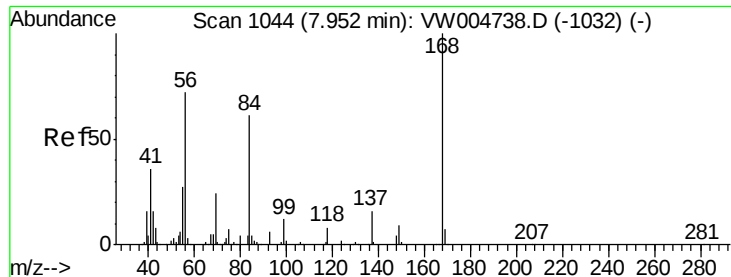
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
Data File : VW004763.D
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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

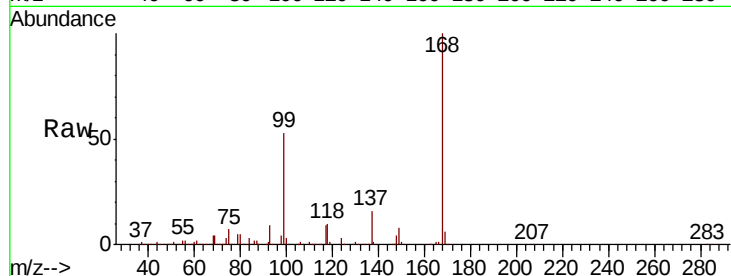
TP-1

Tgt Ion:168 Resp: 628969

Ion Ratio Lower Upper

168 100

99 53.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

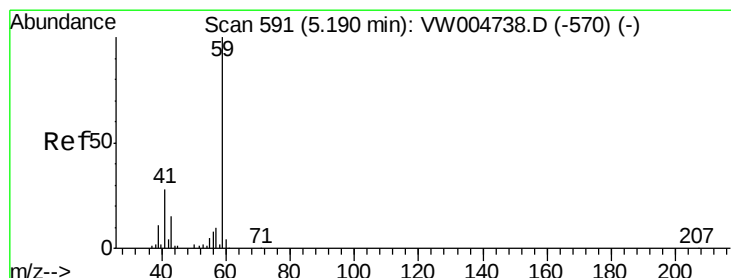
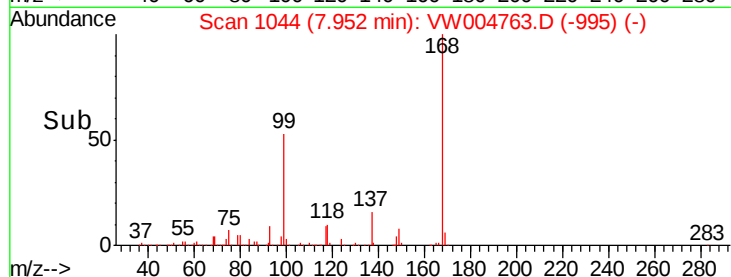
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.860 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.03 min

Lab File: VW004763.D

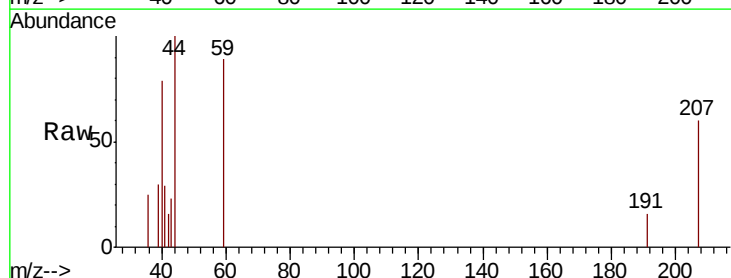
Acq: 18 Aug 2018 06:31

Tgt Ion: 59 Resp: 632

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

500

400

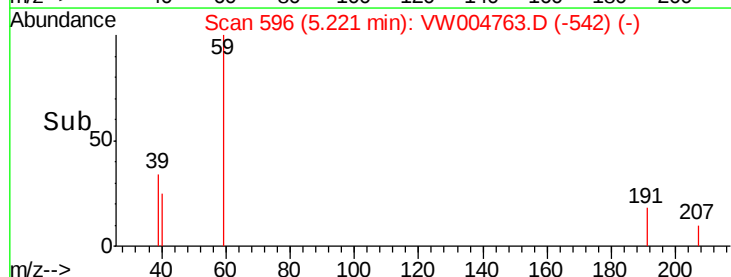
300

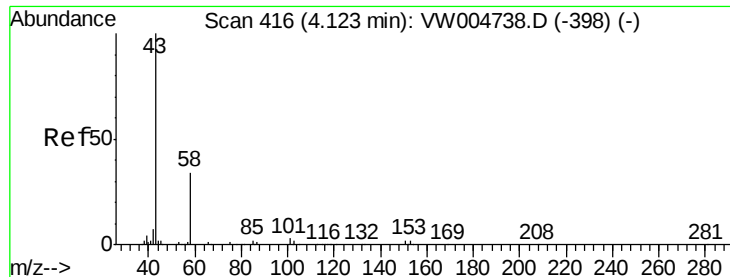
200

100

0

Time-->





#16

Acetone

Concen: 36.816 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

Instrument :

MSVOA_W

ClientSampled :

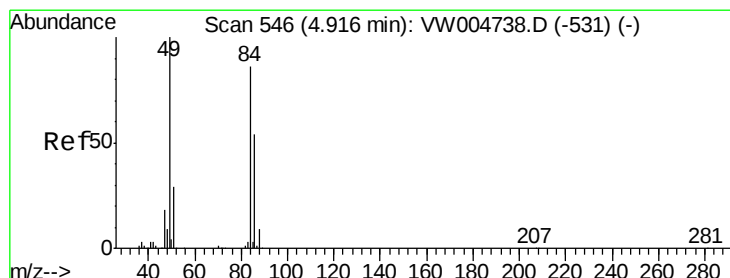
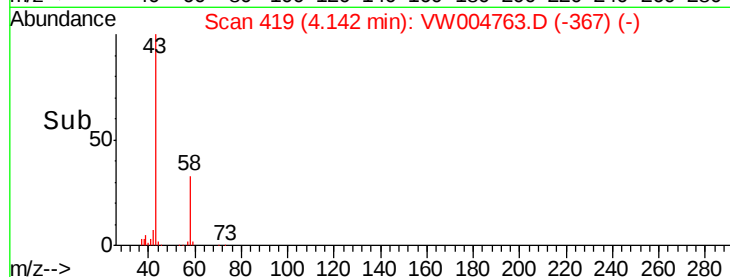
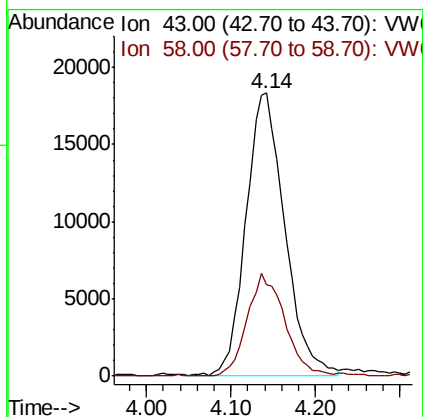
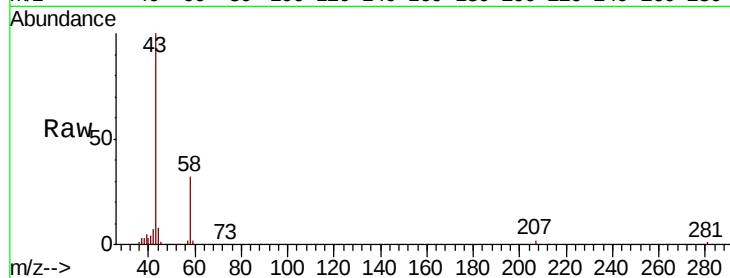
TP-1

Tgt Ion: 43 Resp: 57149

Ion Ratio Lower Upper

43 100

58 32.4 27.3 40.9



#20

Methylene Chloride

Concen: 1.925 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

Tgt Ion: 84 Resp: 43054

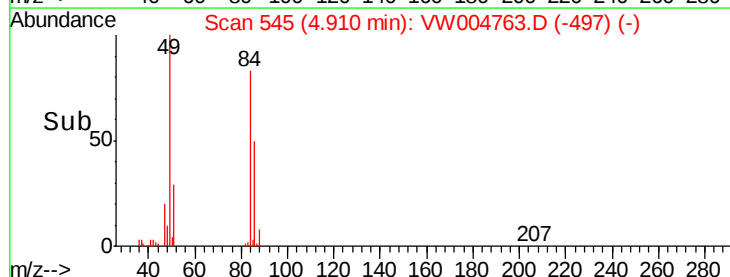
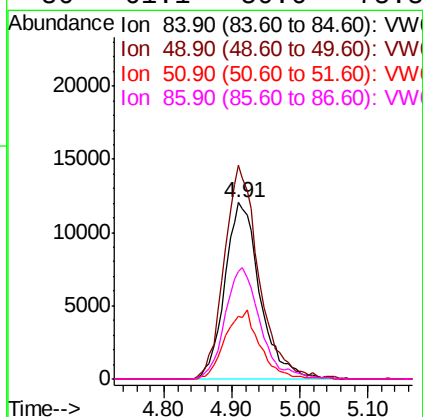
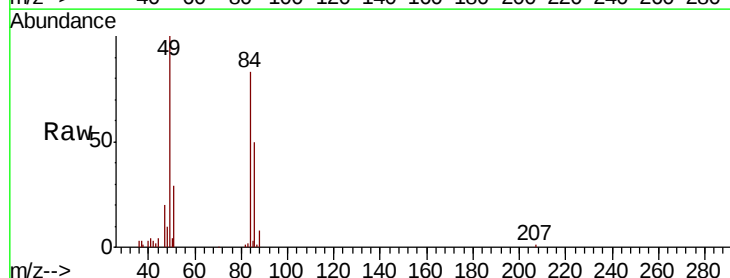
Ion Ratio Lower Upper

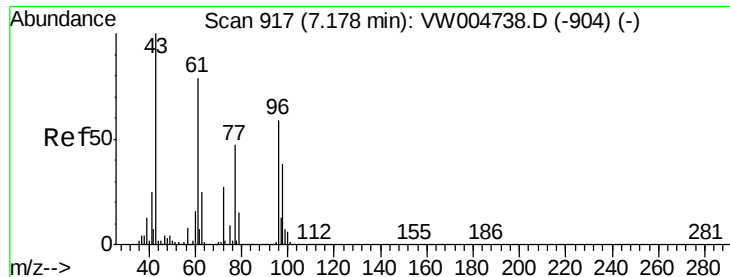
84 100

49 121.2 93.2 139.8

51 35.3 27.4 41.0

86 61.1 50.6 75.8





#25

2-Butanone

Concen: 3.467 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

Instrument :

MSVOA_W

ClientSampled :

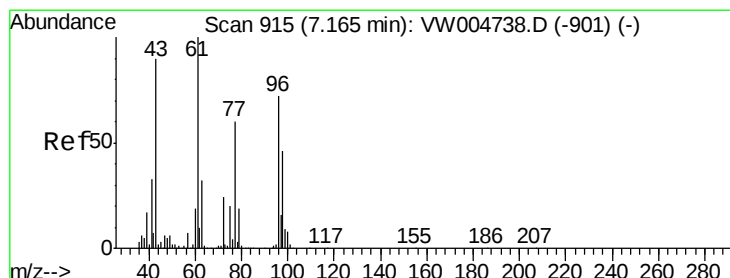
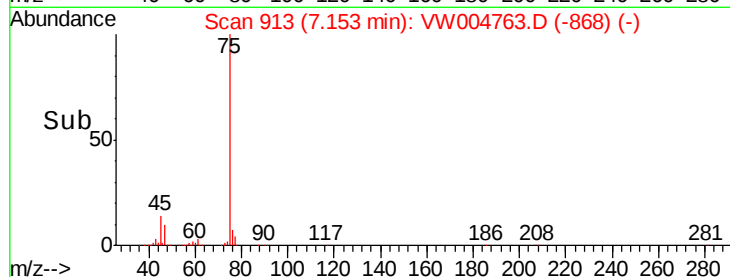
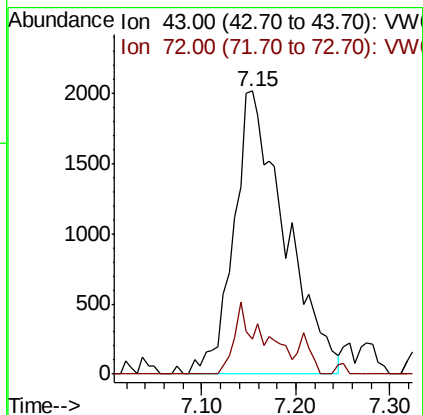
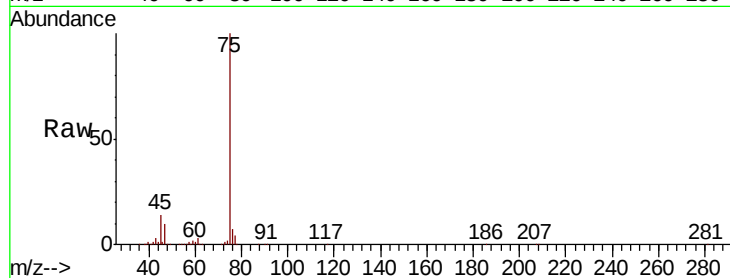
TP-1

Tgt Ion: 43 Resp: 7667

Ion Ratio Lower Upper

43 100

72 12.5 22.0 33.0#



#26

2,2-Dichloropropane

Concen: 1.146 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004763.D

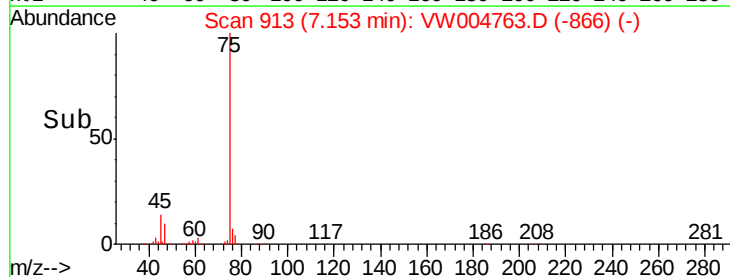
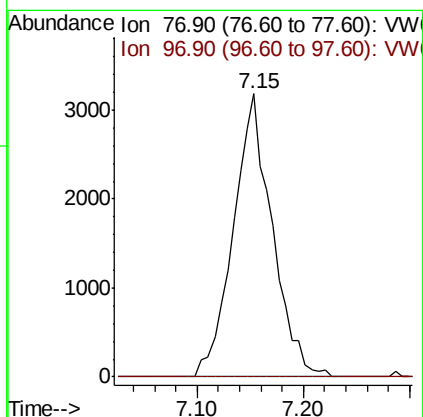
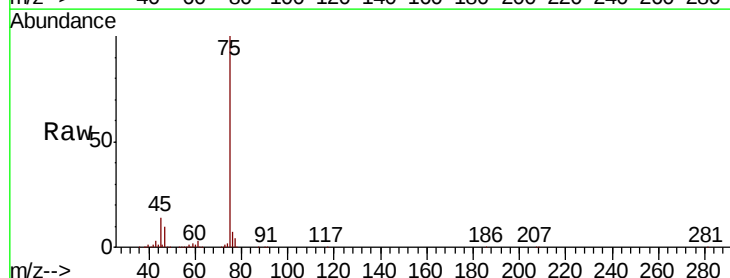
Acq: 18 Aug 2018 06:31

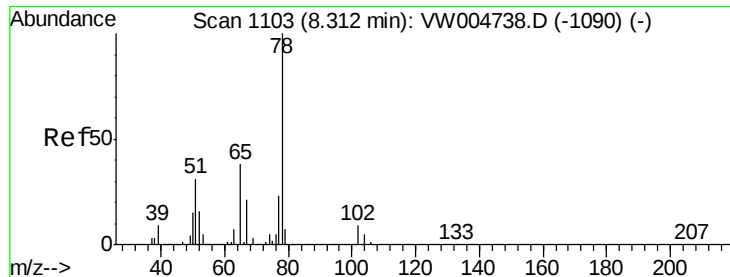
Tgt Ion: 77 Resp: 8131

Ion Ratio Lower Upper

77 100

97 0.0 12.6 37.8#

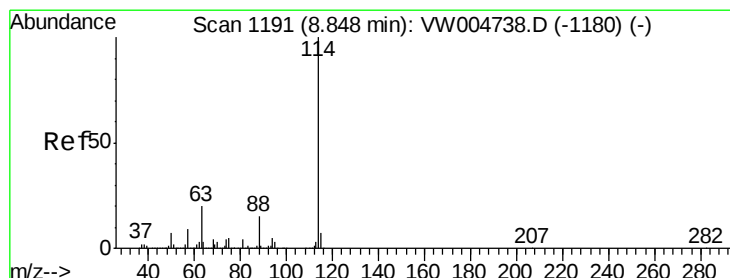
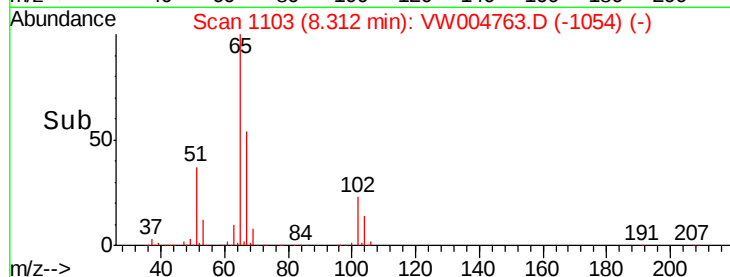
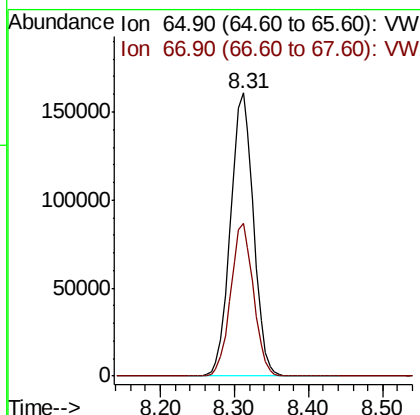
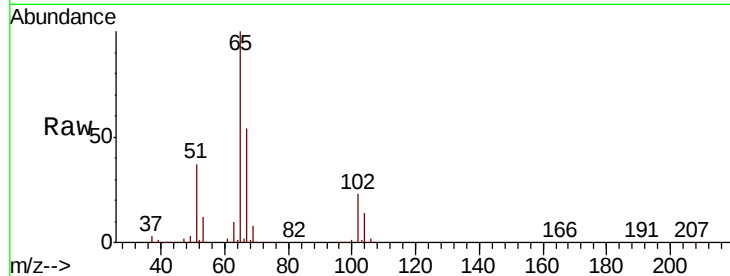




#33
 1,2-Dichloroethane-d4
 Concen: 57.242 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004763.D
 Acq: 18 Aug 2018 06:31

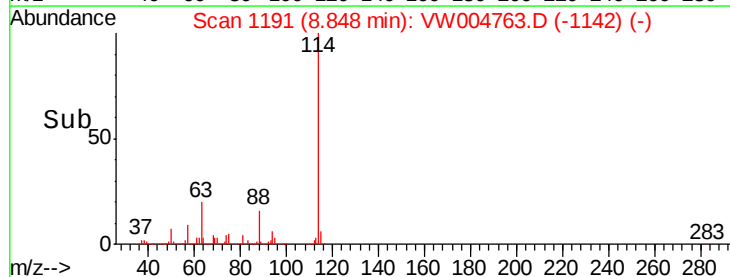
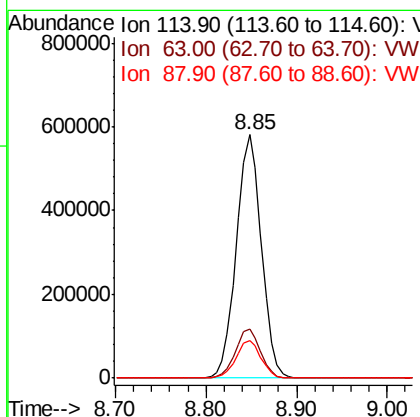
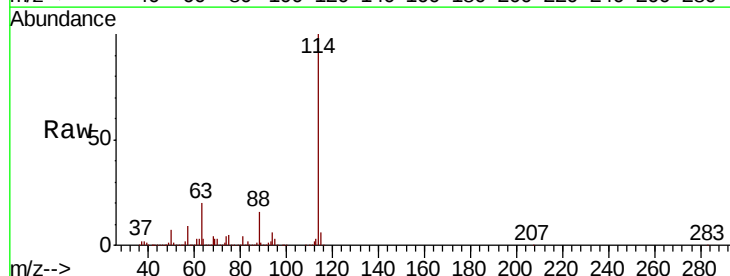
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

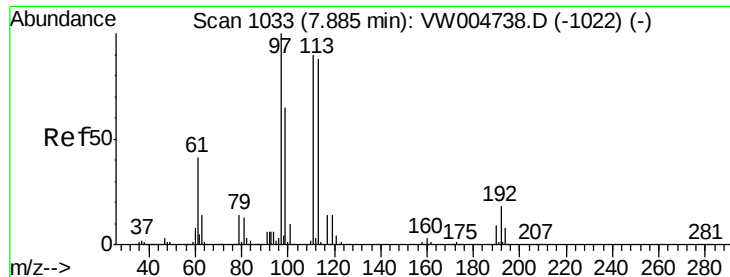
Tgt Ion: 65 Resp: 348080
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004763.D
 Acq: 18 Aug 2018 06:31

Tgt Ion: 114 Resp: 1108826
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 4.007 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

TP-1

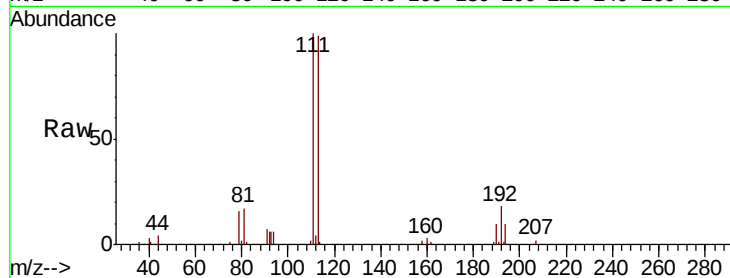
Tgt Ion:113 Resp: 28396

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

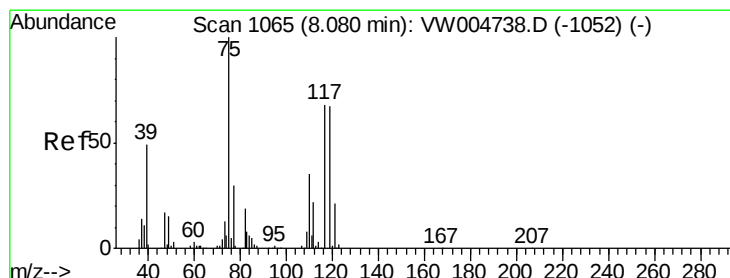
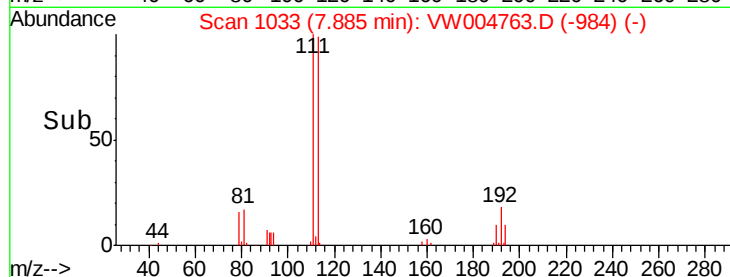
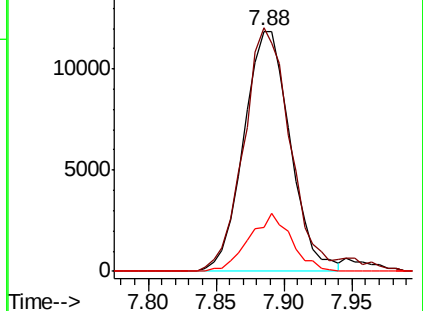
192 22.0 16.7 25.1



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: 4.072 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

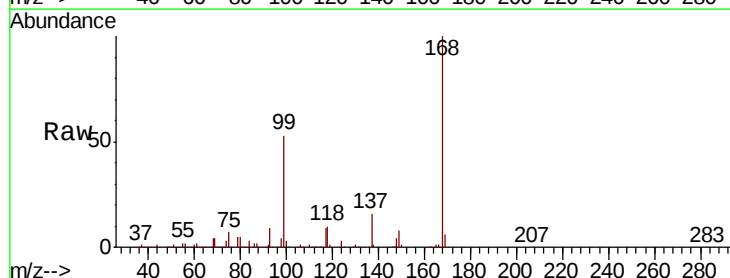
Tgt Ion: 75 Resp: 46513

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

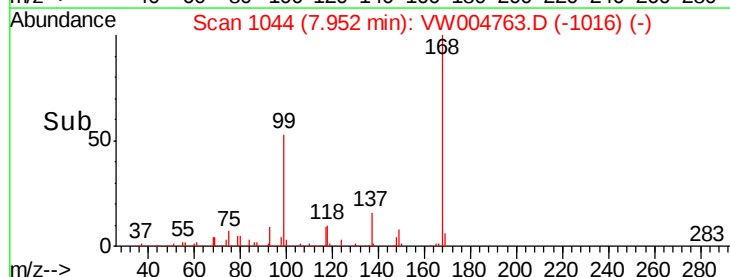
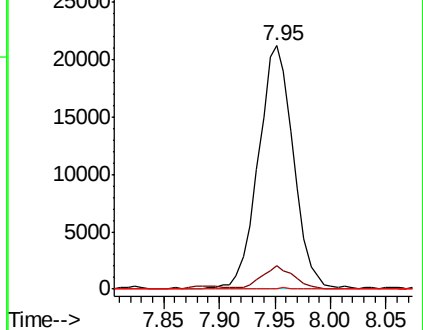
77 0.2 24.9 37.3#

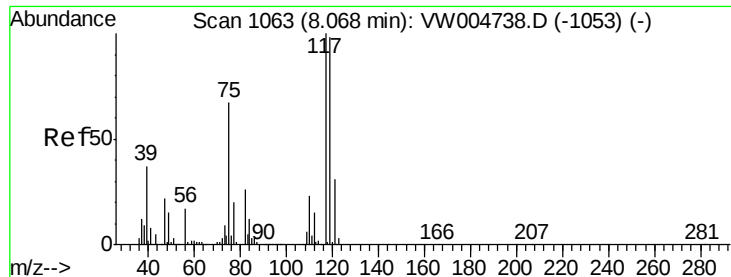


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

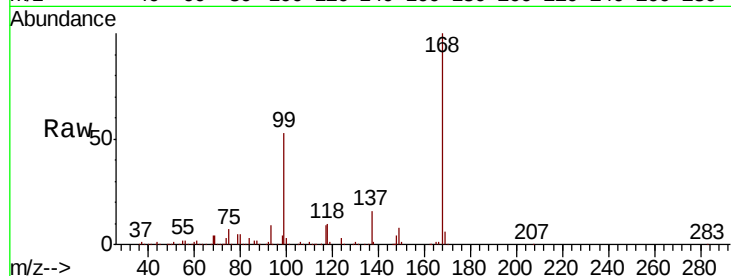




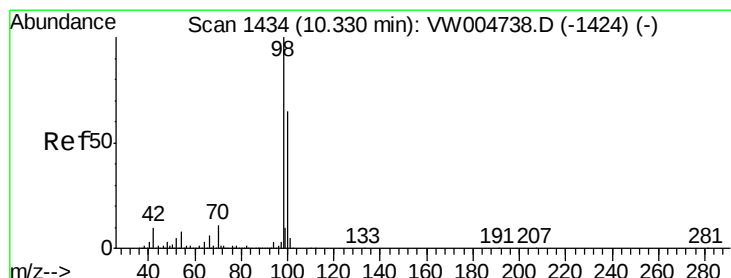
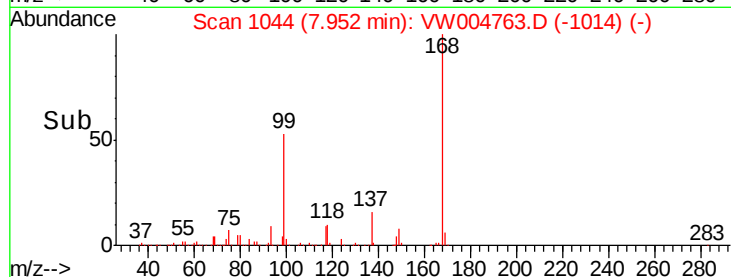
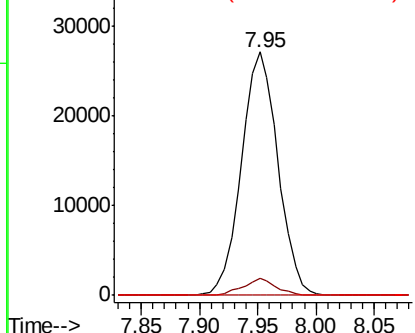
#38
 Carbon Tetrachloride
 Concen: 5.631 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004763.D
 Acq: 18 Aug 2018 06:31

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Tgt Ion:117 Resp: 59204
 Ion Ratio Lower Upper
 117 100
 119 7.0 78.0 117.0#
 121 0.0 24.8 37.2#

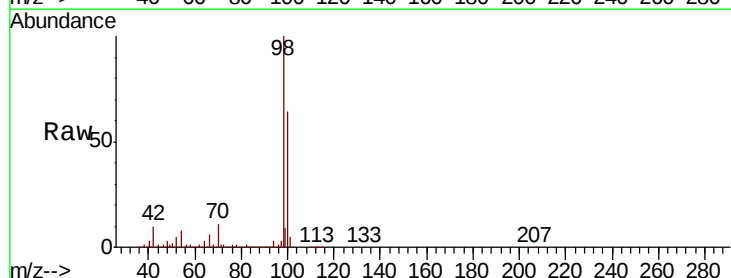


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

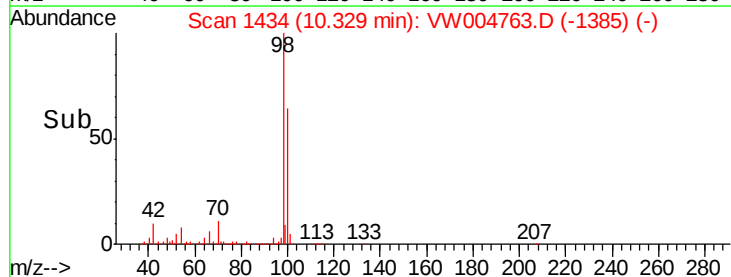
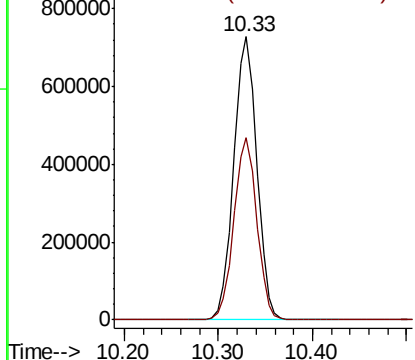


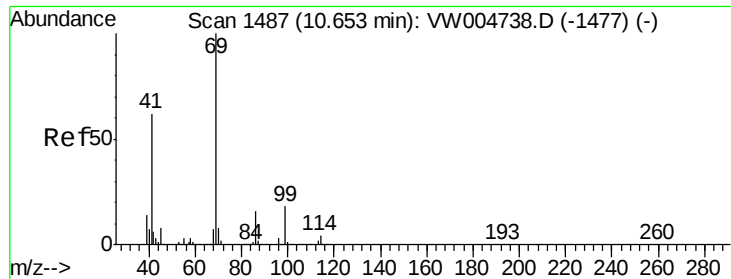
#50
 Toluene-d8
 Concen: 44.962 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004763.D
 Acq: 18 Aug 2018 06:31

Tgt Ion: 98 Resp: 1243850
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.8 77.8



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





#56

Ethyl methacrylate

Concen: 2.983 ug/l

RT: 10.76 min Scan# 1504

Delta R.T. 0.10 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

Instrument :

MSVOA_W

ClientSampleId :

TP-1

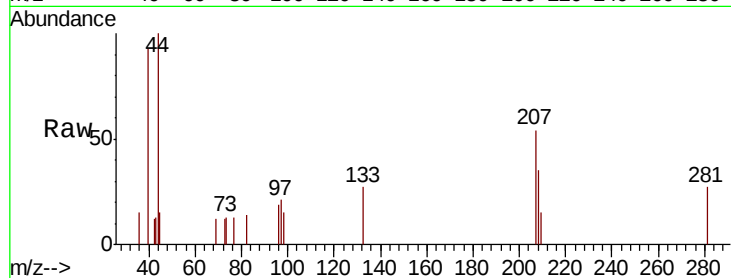
Tgt Ion: 69 Resp: 19

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

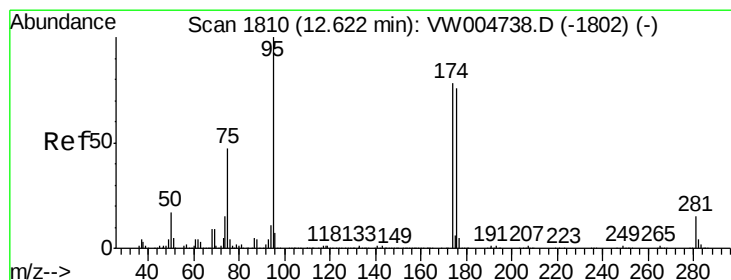
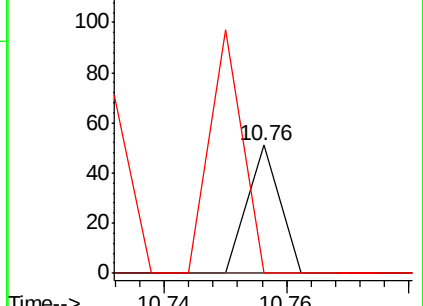
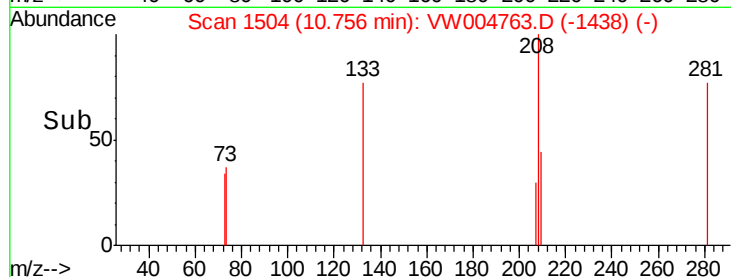
39 184.2 21.4 32.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 38.807 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004763.D

Acq: 18 Aug 2018 06:31

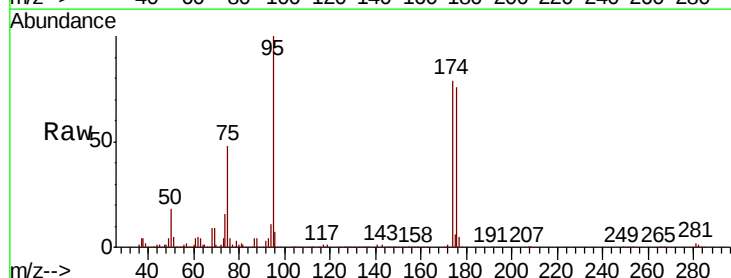
Tgt Ion: 95 Resp: 386232

Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.8

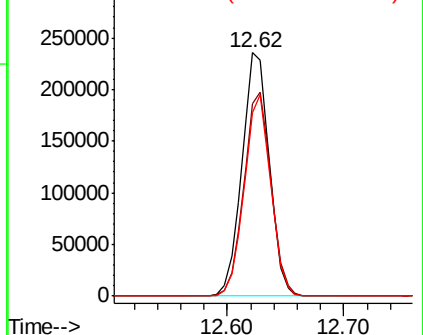
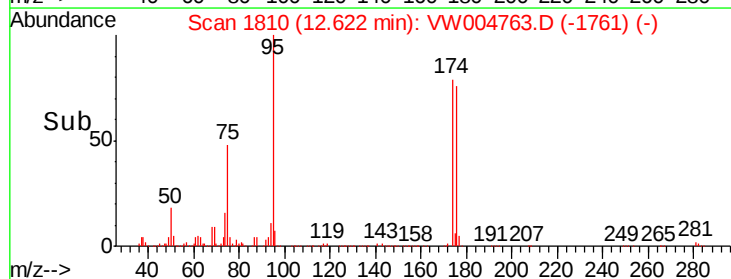
176 80.4 0.0 159.8

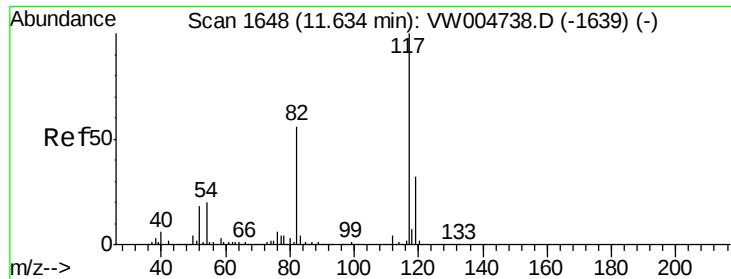


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

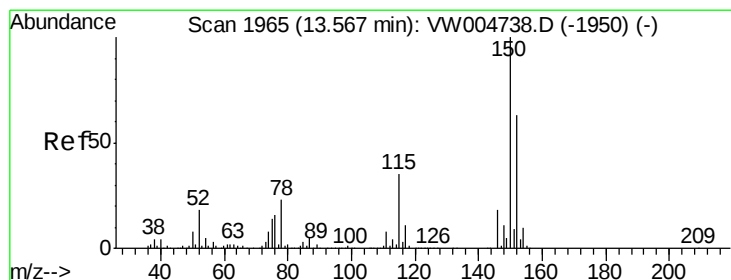
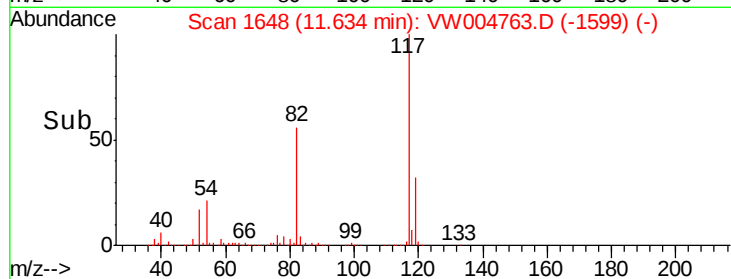
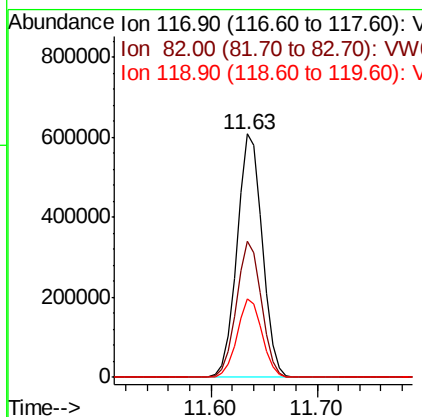
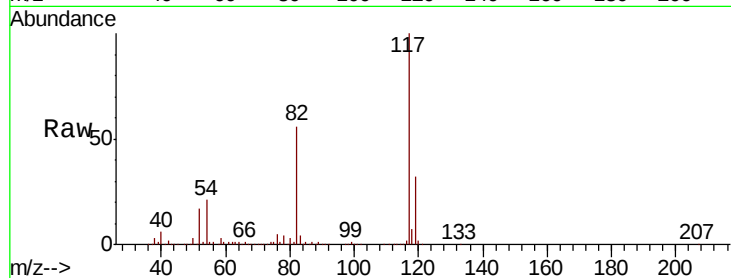




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004763.D
Acq: 18 Aug 2018 06:31

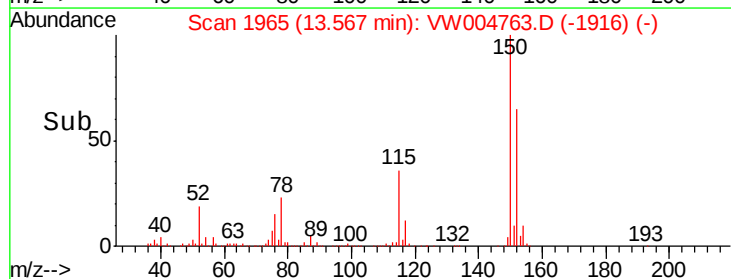
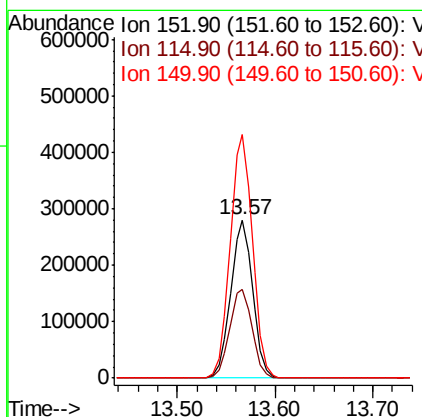
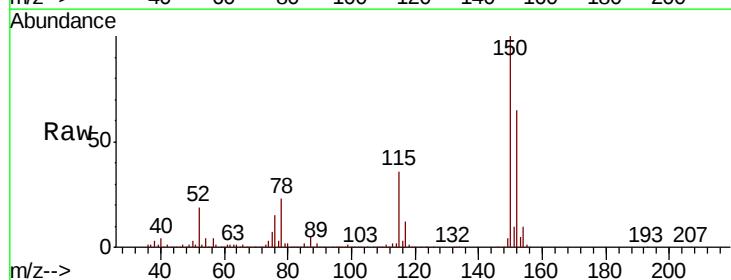
Instrument :
MSVOA_W
ClientSampleId :
TP-1

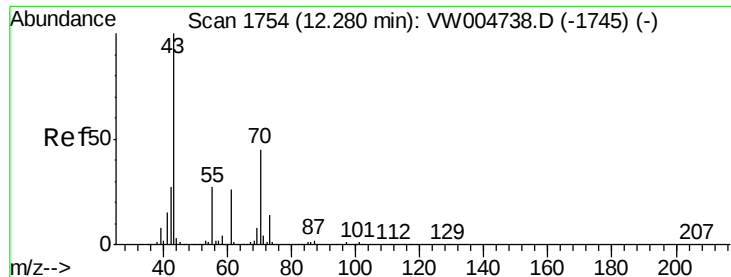
Tgt Ion:117 Resp: 1011197
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004763.D
Acq: 18 Aug 2018 06:31

Tgt Ion:152 Resp: 433387
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 156.8 0.0 344.8

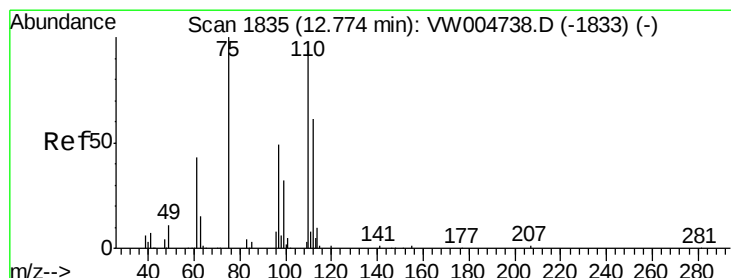
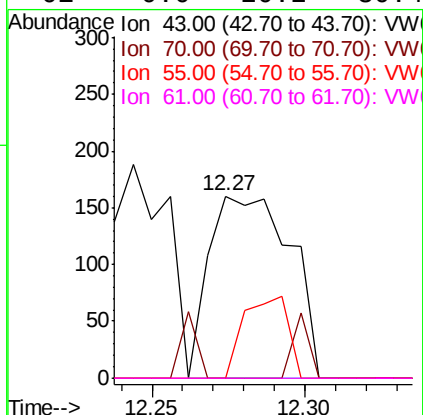
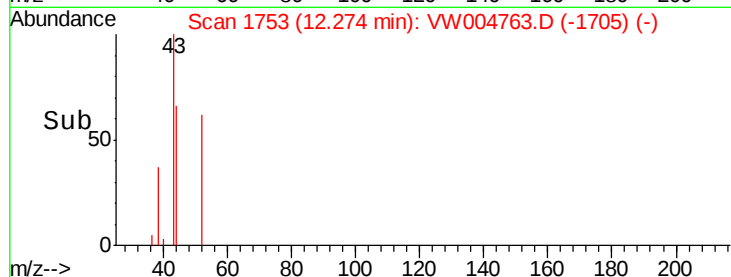
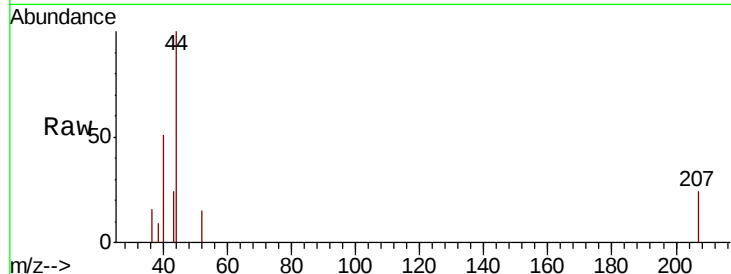




#74
N-amyI acetate
Concen: 4.059 ug/l
RT: 12.27 min Scan# 1753
Delta R.T. -0.01 min
Lab File: VW004763.D
Acq: 18 Aug 2018 06:31

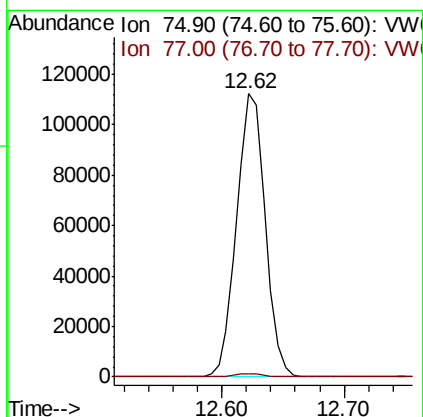
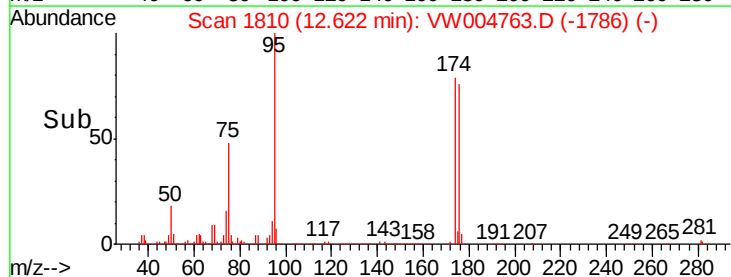
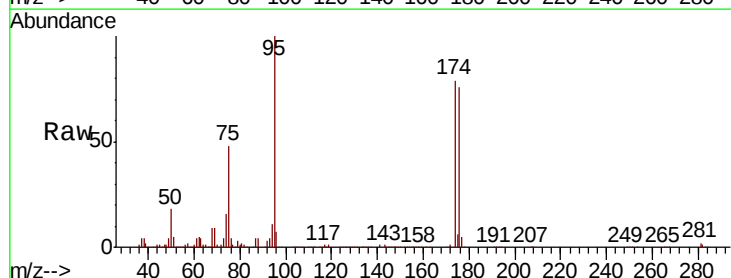
Instrument :
MSVOA_W
ClientSampleId :
TP-1

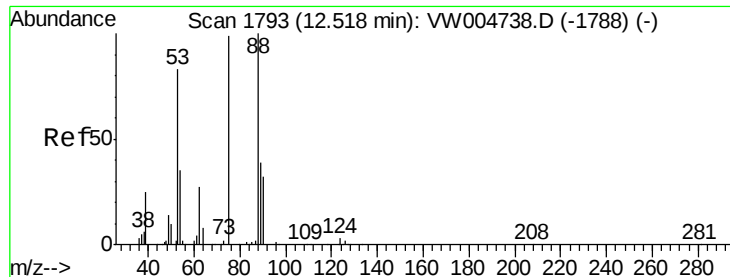
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
70 7.1 36.3 54.5#
55 0.0 22.6 33.8#
61 0.0 20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 47.569 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004763.D
Acq: 18 Aug 2018 06:31

Tgt Ion: 75 Resp: 181734
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

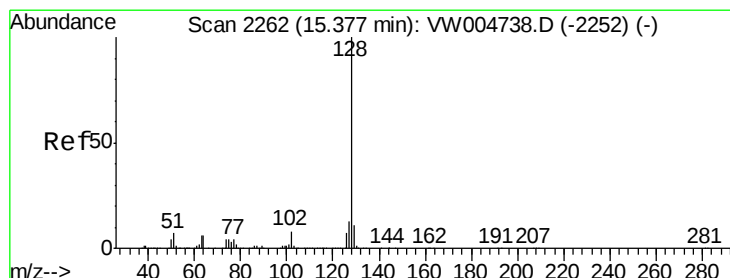
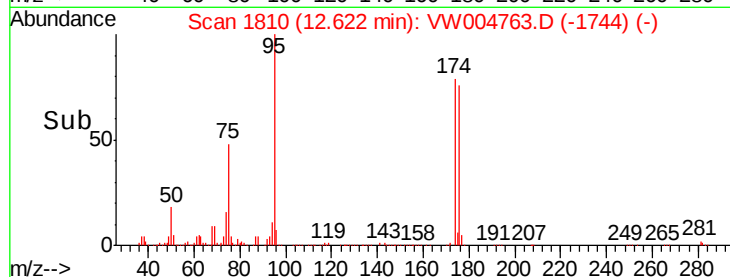
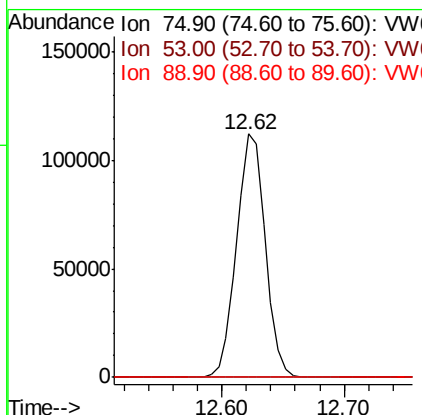
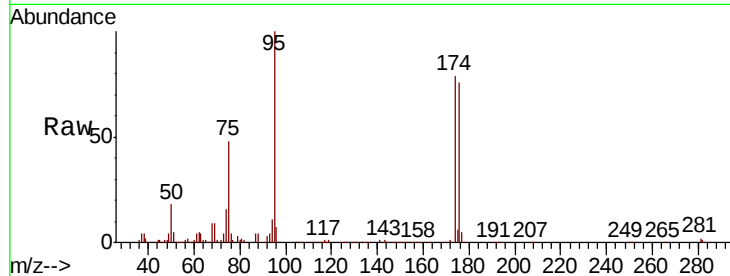




#81
trans-1,4-Dichloro-2-butene
Concen: 110.564 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004763.D
Acq: 18 Aug 2018 06:31

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 181734
Ion Ratio Lower Upper
75 100
53 0.3 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.662 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004763.D
Acq: 18 Aug 2018 06:31

Tgt Ion: 128 Resp: 2973
Ion Ratio Lower Upper
128 100
127 17.7 10.4 15.6#
129 7.3 8.6 13.0#

