

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004765.D
 Acq On : 18 Aug 2018 07:22
 Operator : SY/AP
 Sample : J4500-09
 Misc : 4.28G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Aug 20 11:59:14 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	566185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1023366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	946924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	428881	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	338318	61.81	ug/l	0.00
Spiked Amount			Recovery	=	123.62%	
35) Dibromofluoromethane	7.89	113	96824	14.80	ug/l	0.00
Spiked Amount			Recovery	=	29.60%	
50) Toluene-d8	10.33	98	1199289	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.62	95	379722	41.34	ug/l	0.00
Spiked Amount			Recovery	=	82.68%	

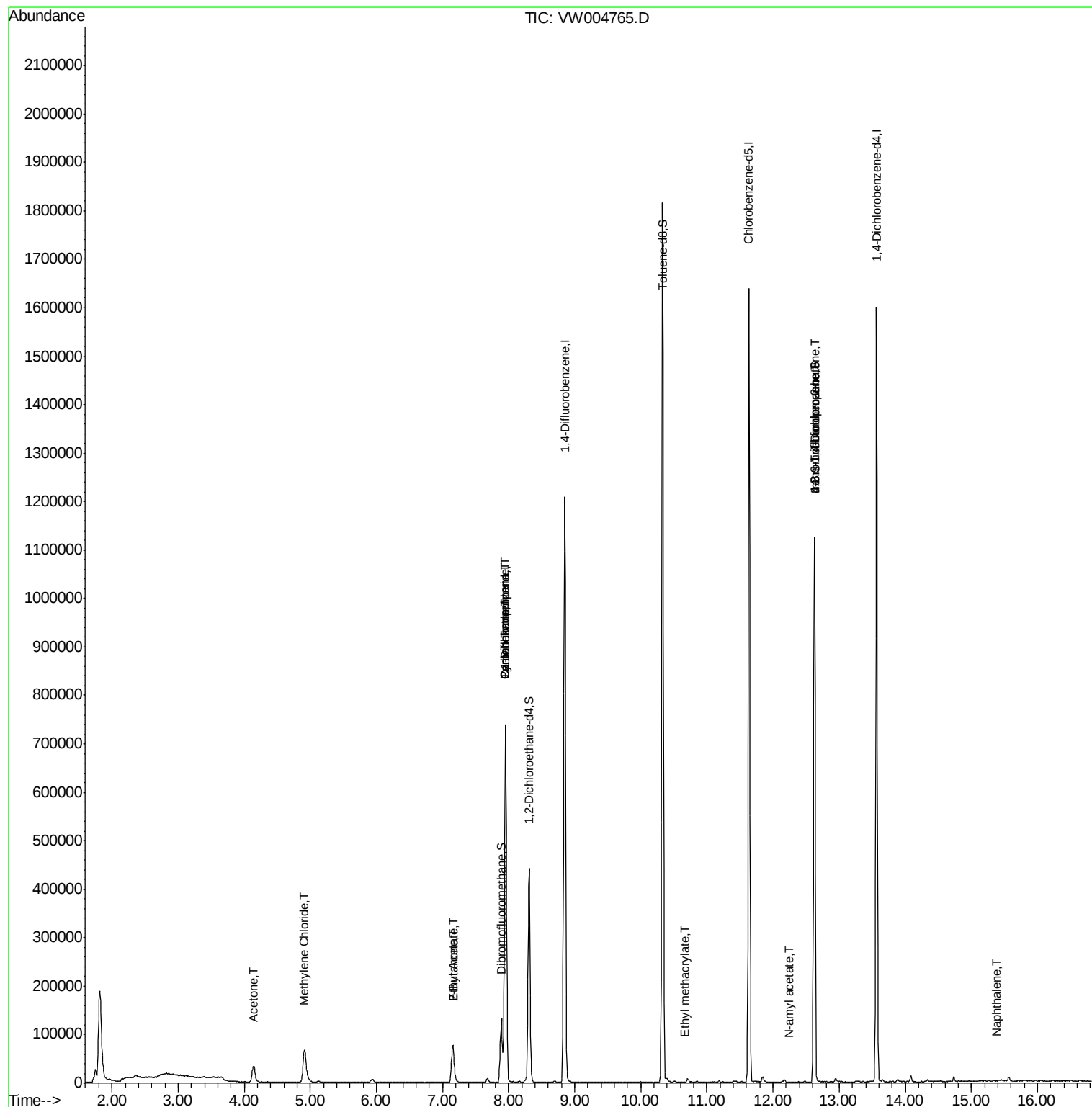
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	64995	46.51	ug/l	96
20) Methylene Chloride	4.92	84	61334	5.80	ug/l	97
25) 2-Butanone	7.16	43	6940	3.49	ug/l #	74
31) Cyclohexane	7.95	56	11019	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	41625	3.95	ug/l #	49
37) Ethyl Acetate	7.16	43	6940	1.65	ug/l #	27
38) Carbon Tetrachloride	7.95	117	52766	5.44	ug/l #	16
56) Ethyl methacrylate	10.67	69	52	2.99	ug/l #	1
74) N-amyl acetate	12.25	43	395	4.07	ug/l #	51
76) 1,2,3-Trichloropropane	12.62	75	180694	47.79	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	180694	111.09	ug/l #	14
95) Naphthalene	15.38	128	1218	3.57	ug/l #	94

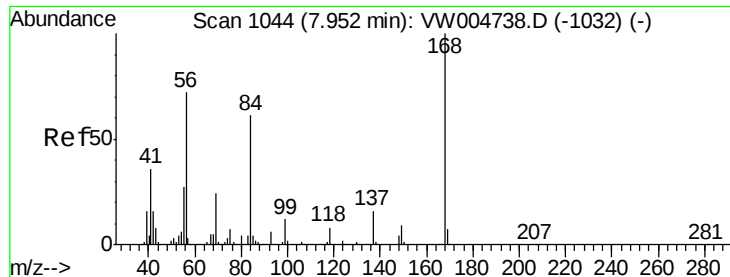
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

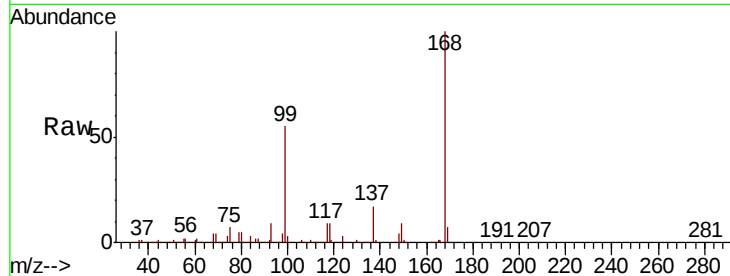
TP-6

Tot Ion:168 Resp: 566185

Ion Ratio Lower Upper

168 100

99 54.8 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

250000

200000

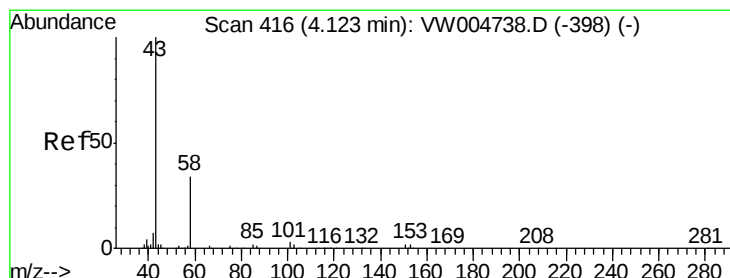
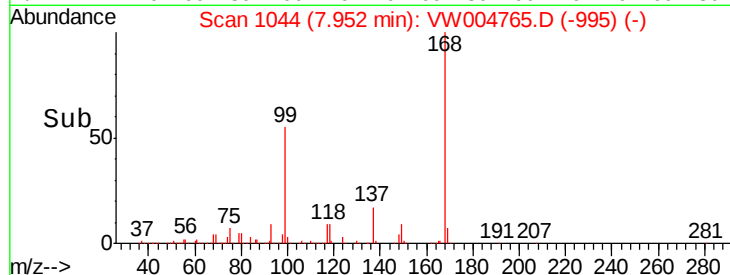
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 46.51 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004765.D

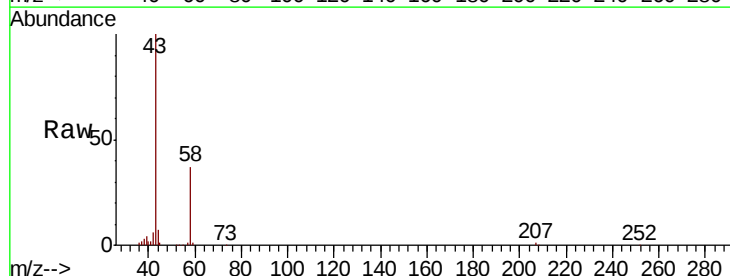
Acq: 18 Aug 2018 07:22

Tgt Ion: 43 Resp: 64995

Ion Ratio Lower Upper

43 100

58 36.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

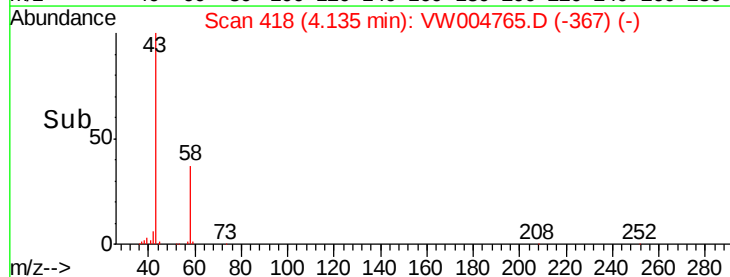
15000

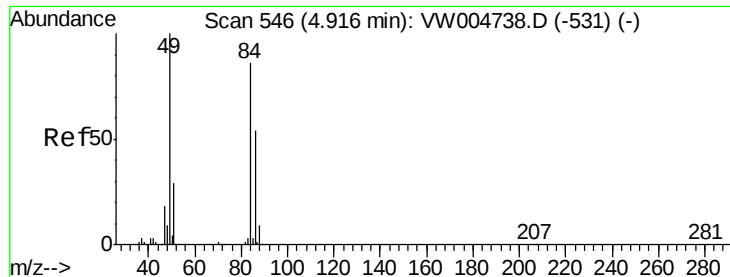
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 5.80 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

Instrument :

MSVOA_W

ClientSampled :

TP-6

Tot Ion: 84 Resp: 61334

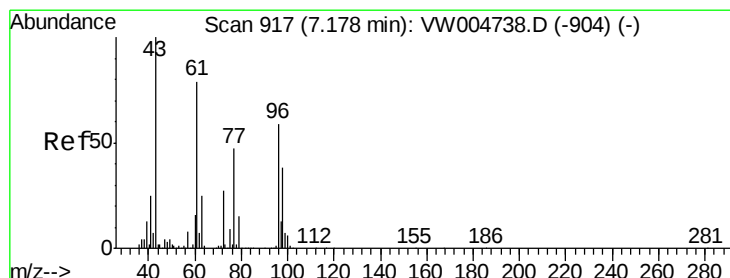
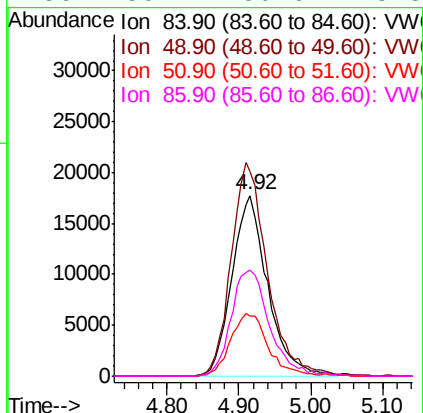
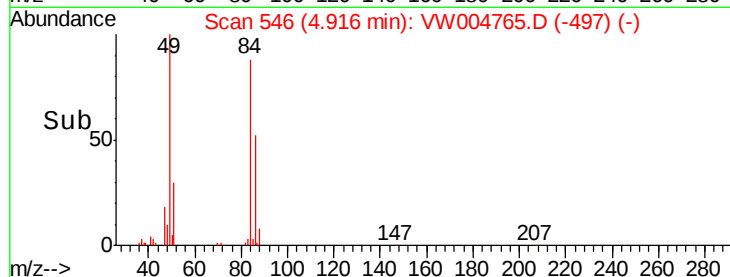
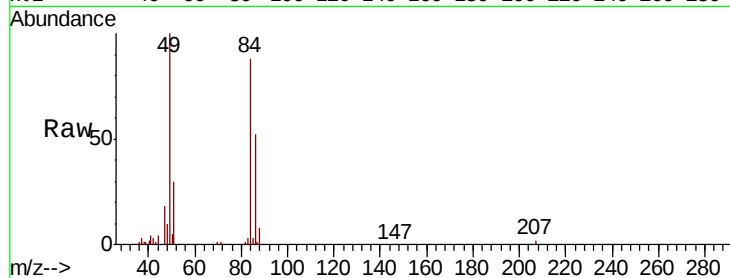
Ion Ratio Lower Upper

84 100

49 113.6 93.2 139.8

51 33.5 27.4 41.0

86 59.1 50.6 75.8



#25

2-Butanone

Concen: 3.49 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004765.D

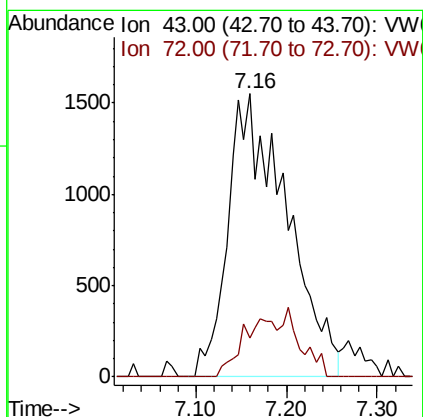
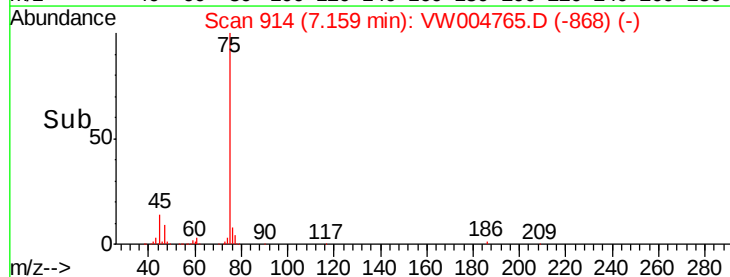
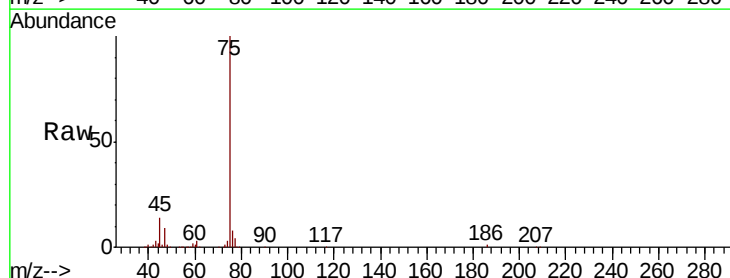
Acq: 18 Aug 2018 07:22

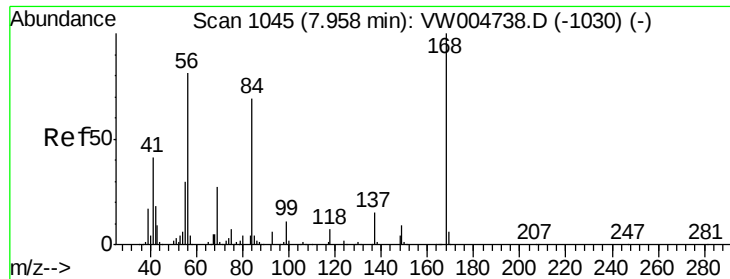
Tgt Ion: 43 Resp: 6940

Ion Ratio Lower Upper

43 100

72 13.8 22.0 33.0#

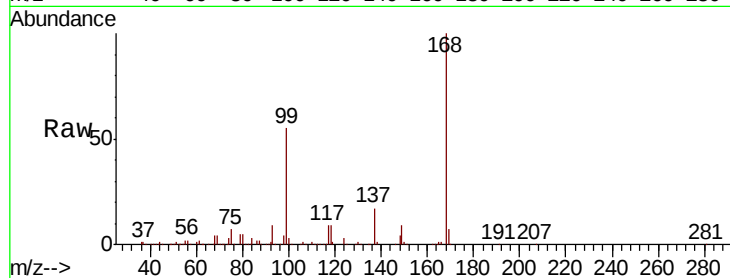




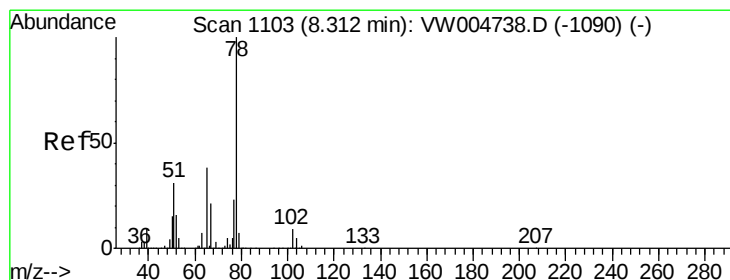
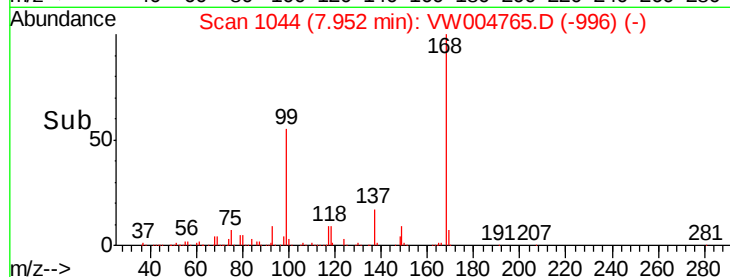
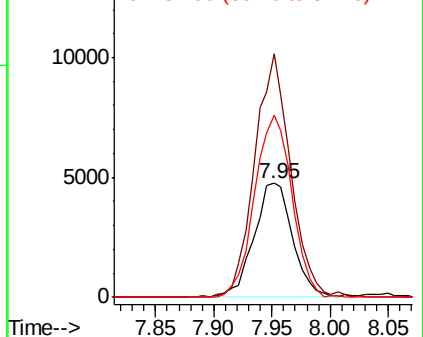
#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Instrument :
MSVOA_W
ClientSampled :
TP-6

Tot Ion: 56 Resp: 11019
Ion Ratio Lower Upper
56 100
69 213.4 27.1 40.7#
84 159.2 68.3 102.5#

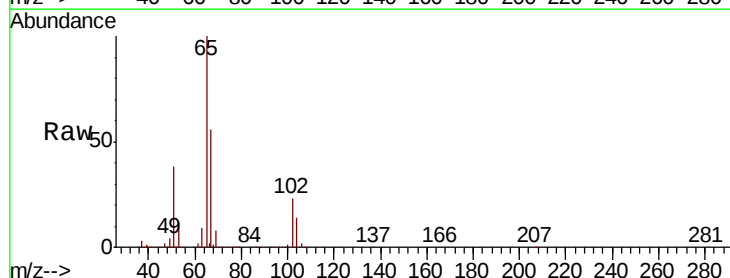


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

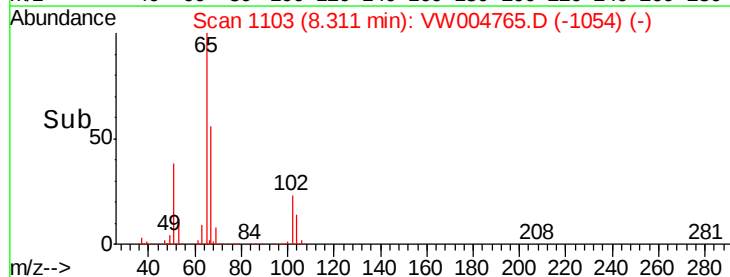
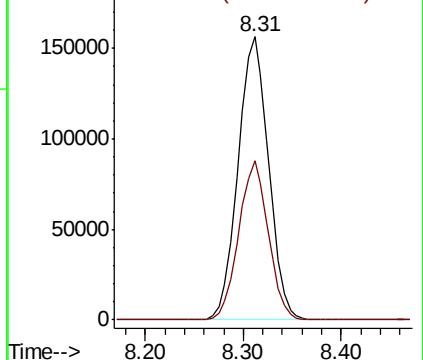


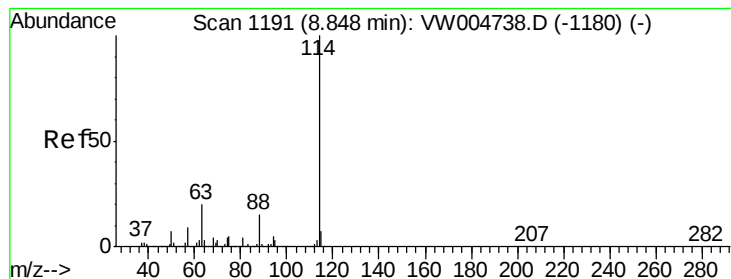
#33
1,2-Dichloroethane-d4
Concen: 61.81 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Tgt Ion: 65 Resp: 338318
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.4



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

TP-6

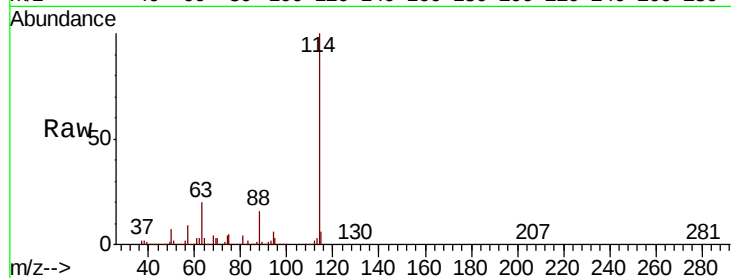
Tot Ion:114 Resp: 1023366

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

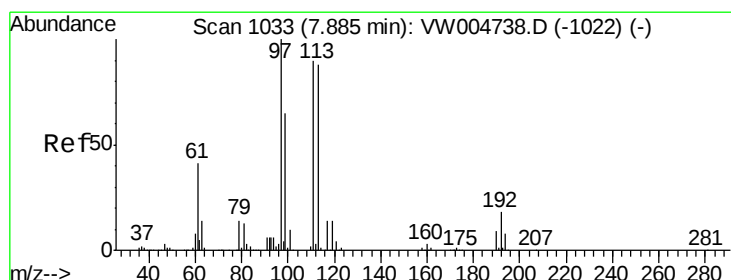
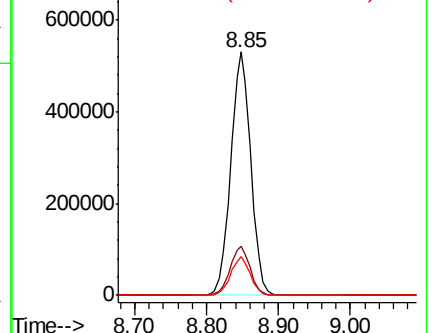
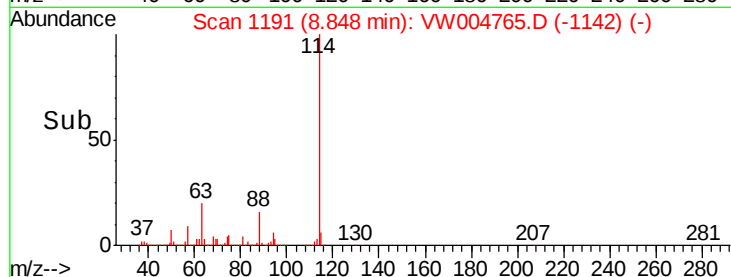
88 15.8 0.0 30.0



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: 14.80 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

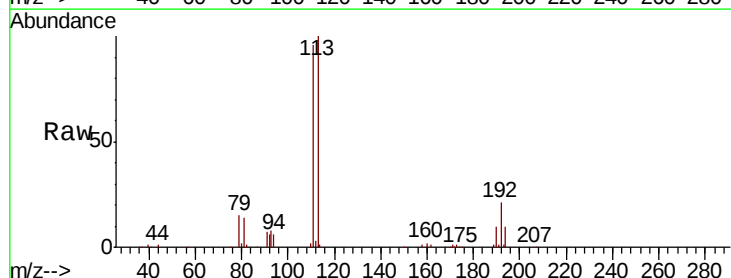
Tgt Ion:113 Resp: 96824

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

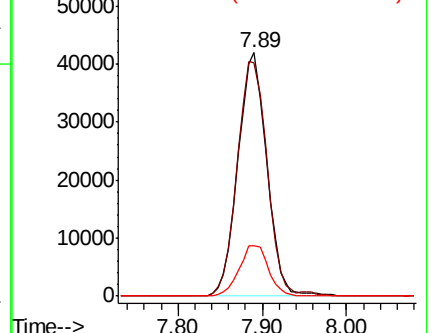
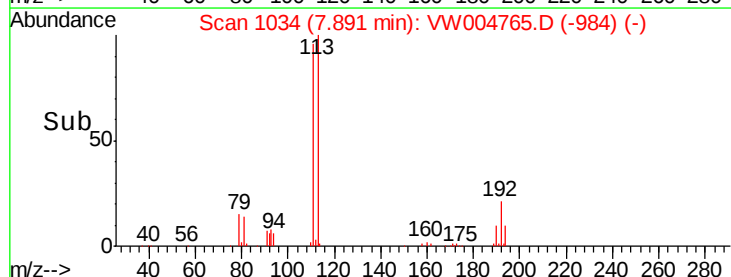
192 21.0 16.7 25.1

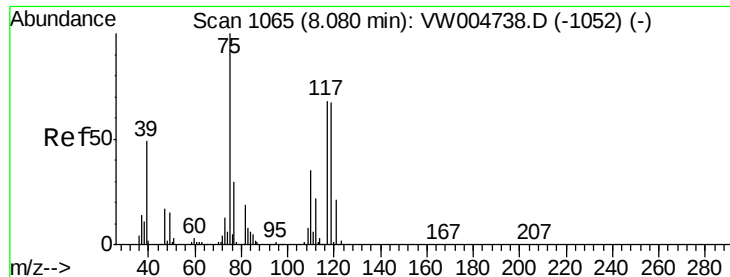


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.95 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

TP-6

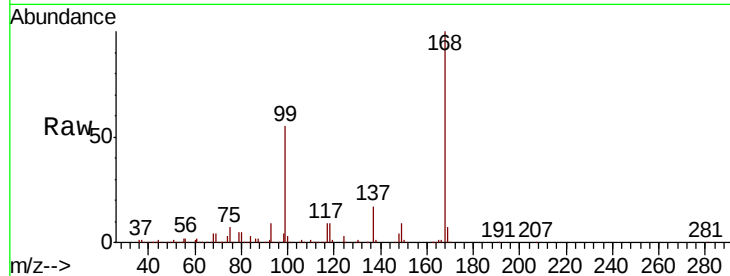
Tot Ion: 75 Resp: 41625

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.5#

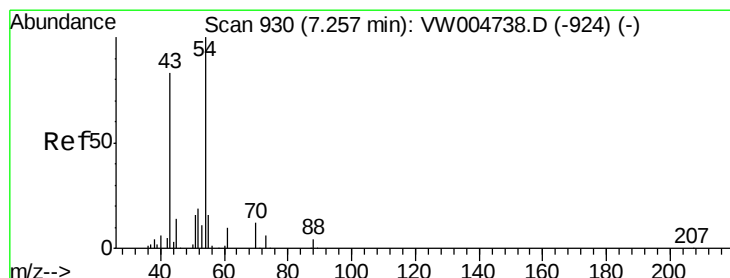
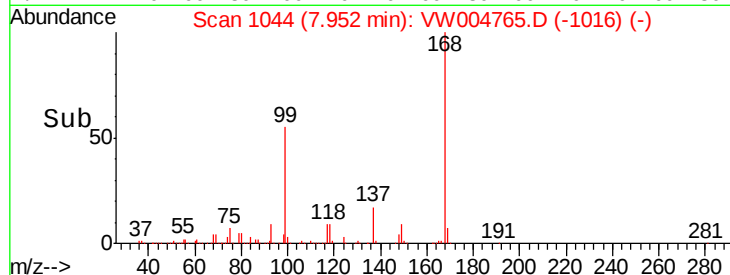
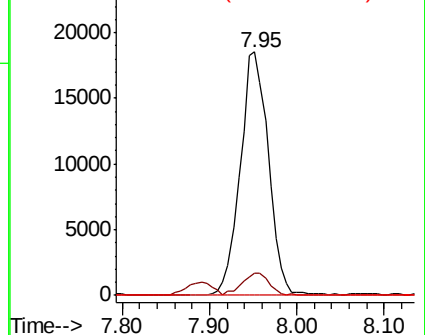
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 1.65 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.10 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

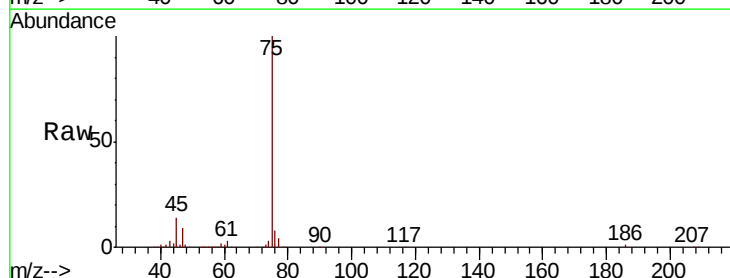
Tgt Ion: 43 Resp: 6940

Ion Ratio Lower Upper

43 100

61 59.1 11.6 17.4#

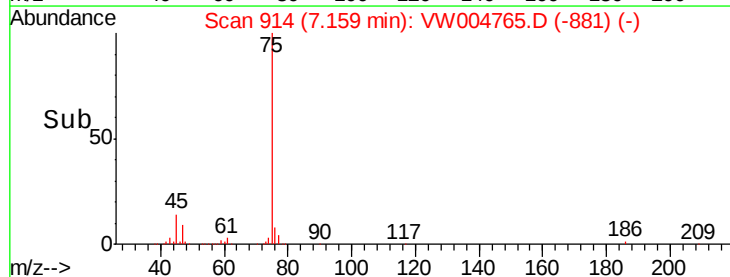
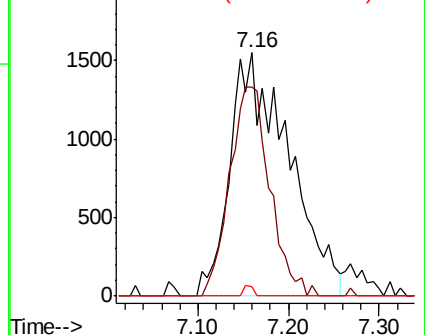
70 0.6 9.2 13.8#

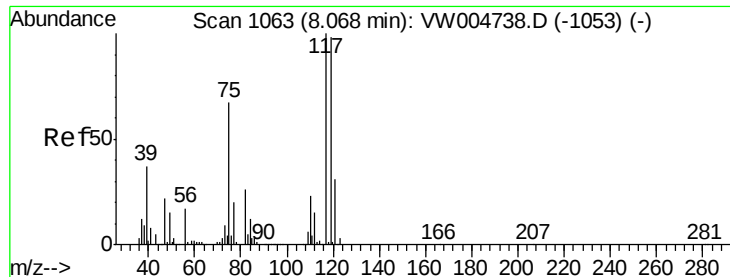


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 5.44 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

Instrument :

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ClientSampled :

TP-6

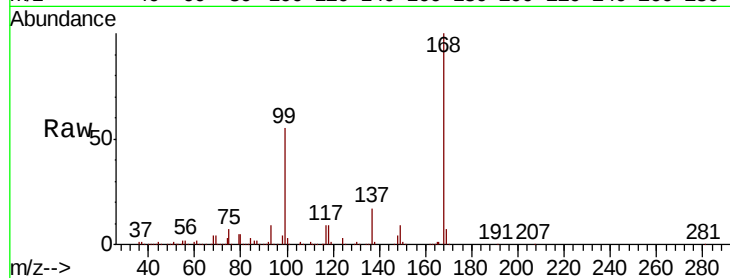
Tot Ion:117 Resp: 52766

Ion Ratio Lower Upper

117 100

119 6.0 78.0 117.0#

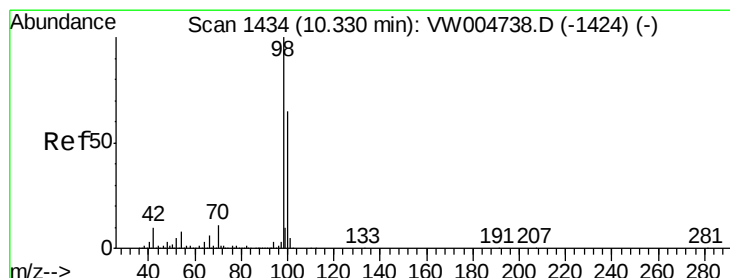
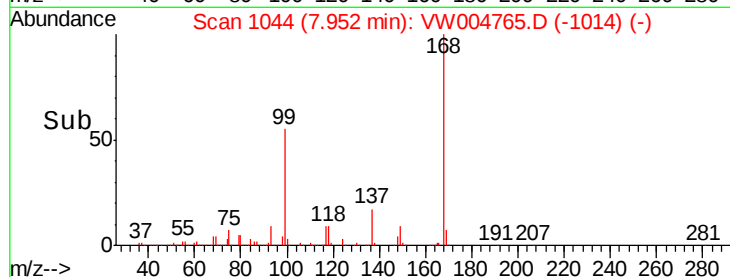
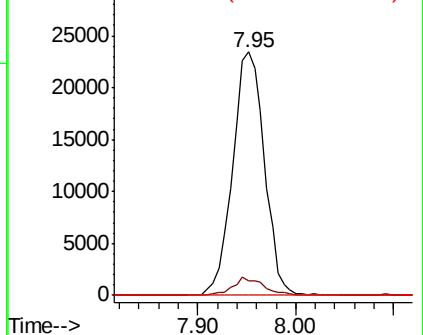
121 0.0 24.8 37.2#



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: 46.97 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004765.D

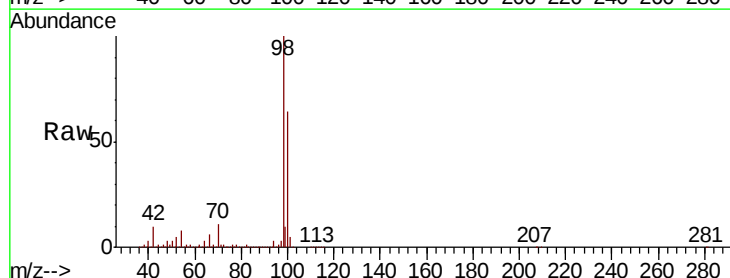
Acq: 18 Aug 2018 07:22

Tgt Ion: 98 Resp: 1199289

Ion Ratio Lower Upper

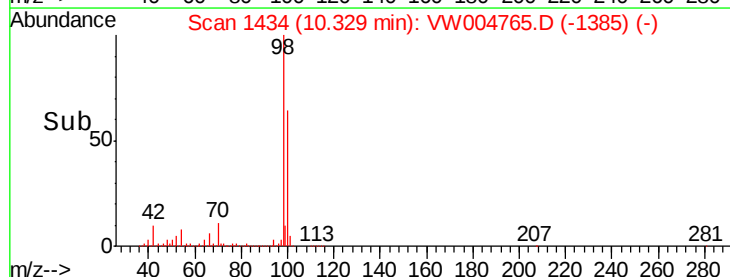
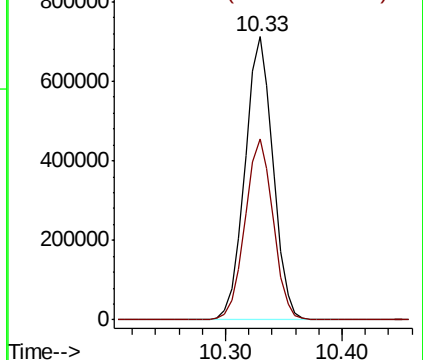
98 100

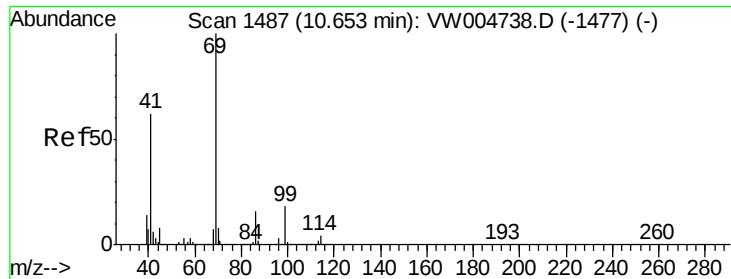
100 63.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

Instrument :

MSVOA_W

ClientSampled :

TP-6

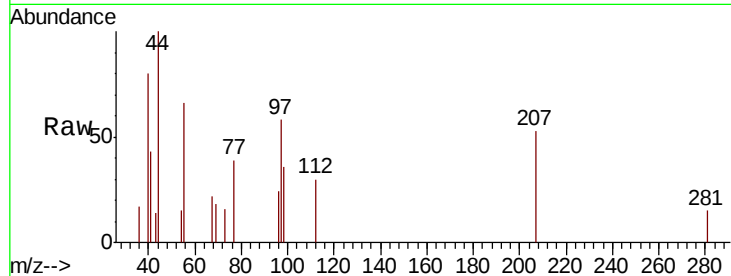
Tot Ion: 69 Resp: 52

Ion Ratio Lower Upper

69 100

41 517.3 50.7 76.1#

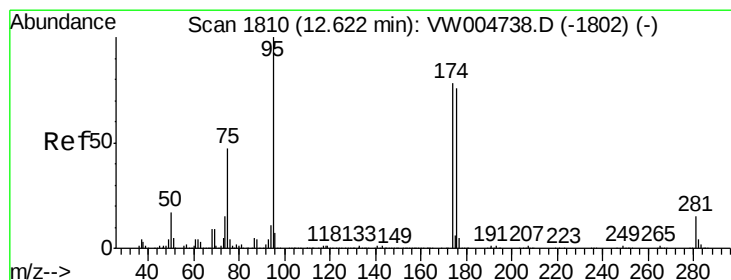
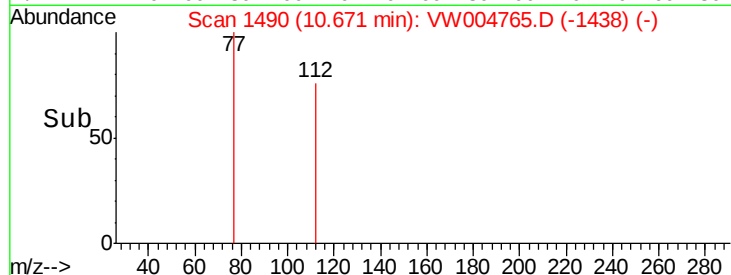
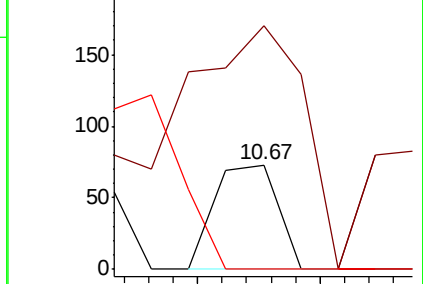
39 373.1 21.4 32.2#



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: 41.34 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004765.D

Acq: 18 Aug 2018 07:22

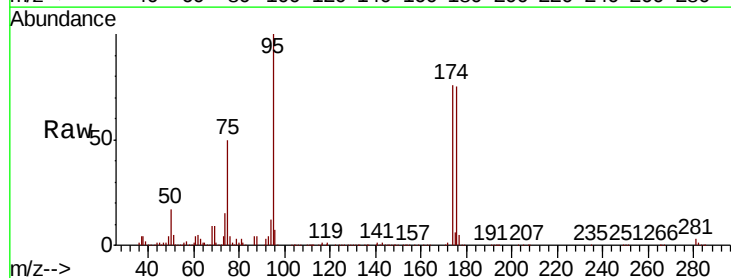
Tgt Ion: 95 Resp: 379722

Ion Ratio Lower Upper

95 100

174 83.6 0.0 165.8

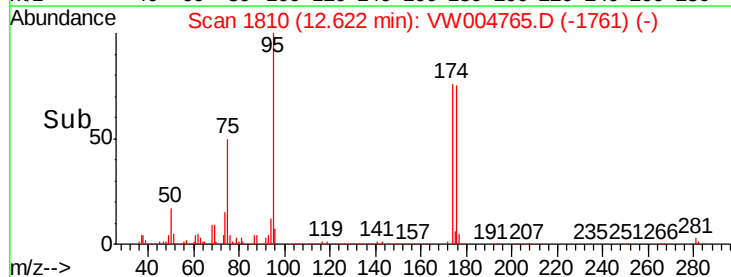
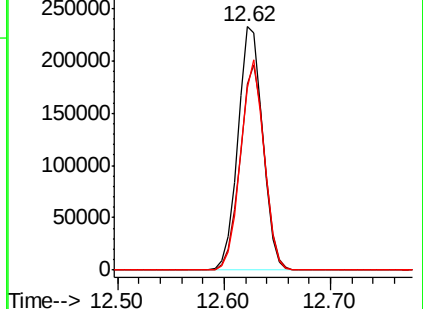
176 82.0 0.0 159.8

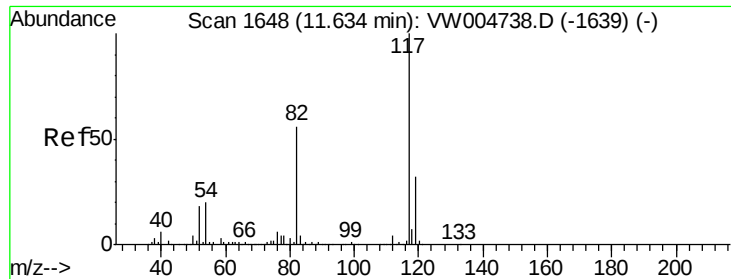


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

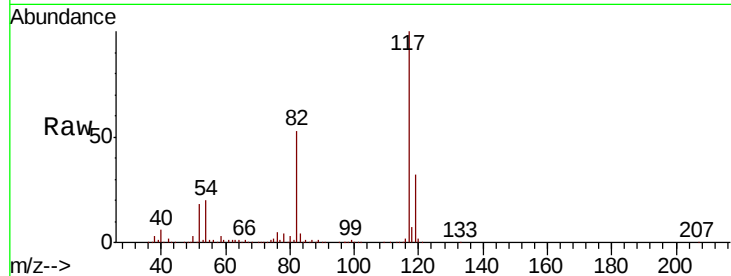




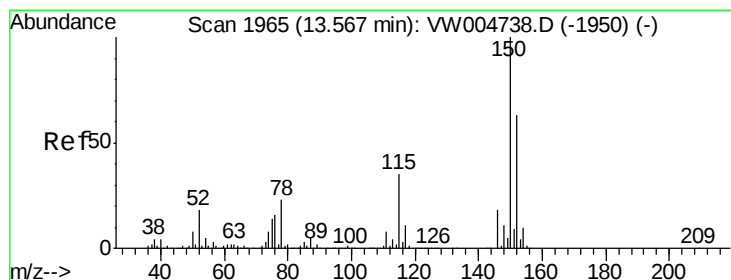
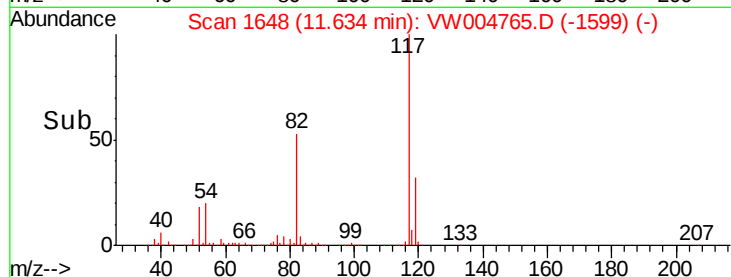
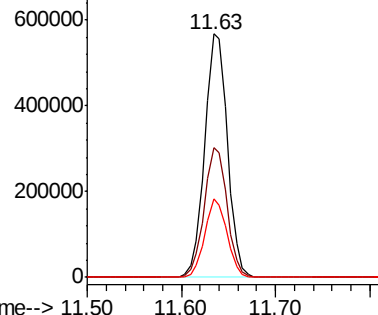
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Instrument :
MSVOA_W
ClientSampleId :
TP-6

Tot Ion:117 Resp: 946924
Ion Ratio Lower Upper
117 100
82 53.2 44.6 67.0
119 32.1 25.6 38.4

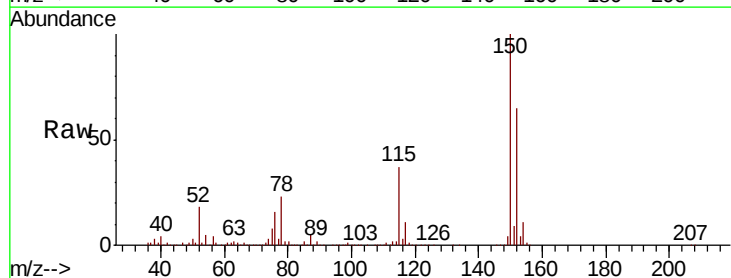


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

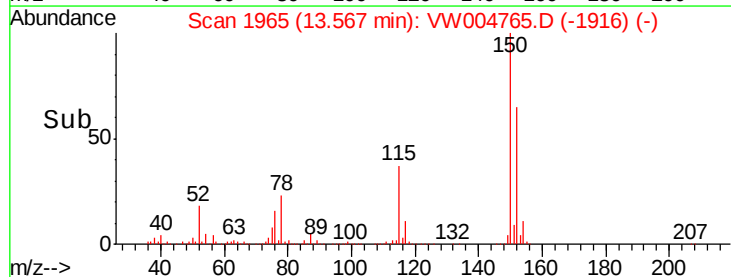
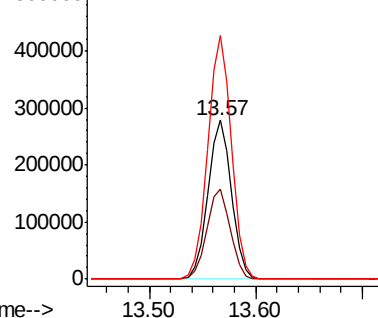


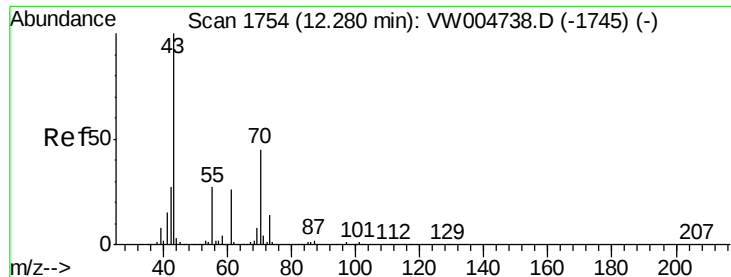
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Tgt Ion:152 Resp: 428881
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 154.7 0.0 344.8



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

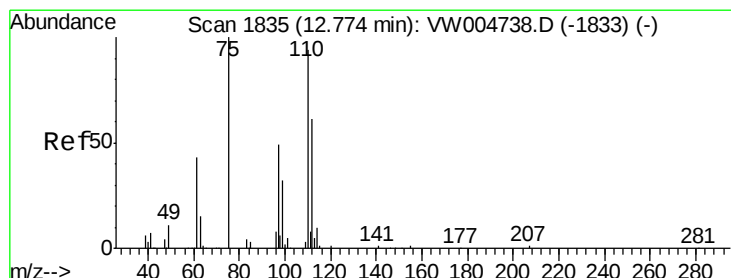
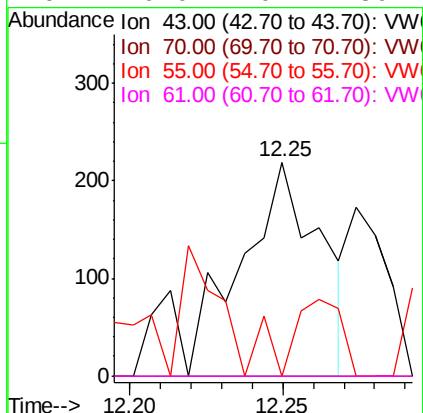
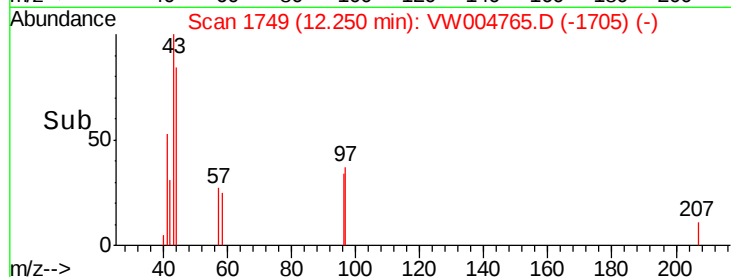
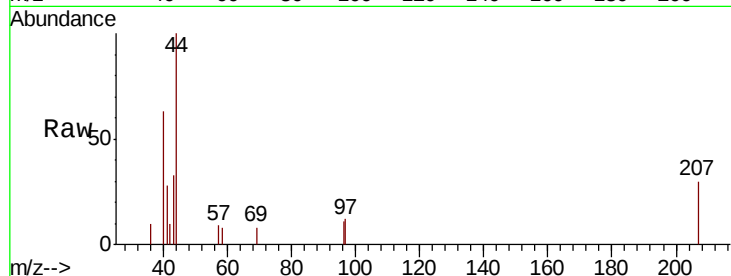




#74
N-amvl acetate
Concen: 4.07 ug/l
RT: 12.25 min Scan# 1749
Delta R.T. -0.03 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

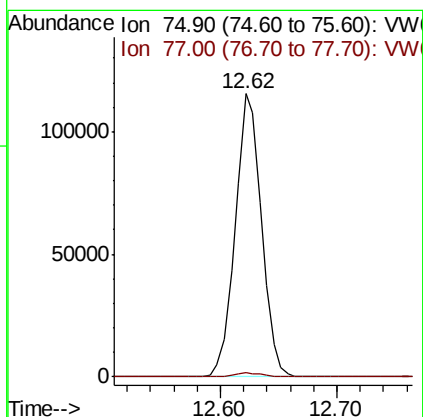
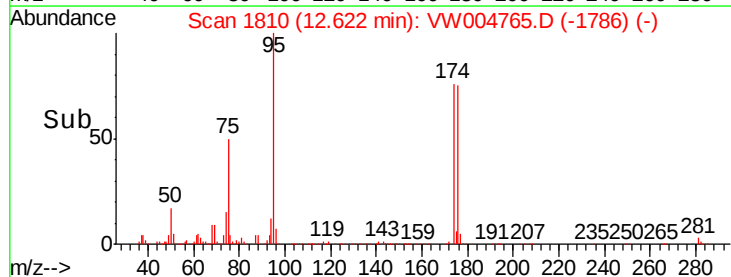
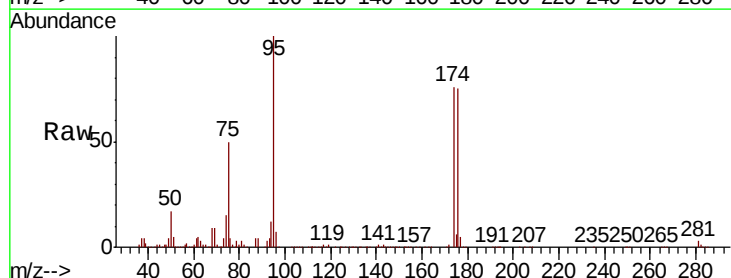
Instrument :
MSVOA_W
ClientSampled :
TP-6

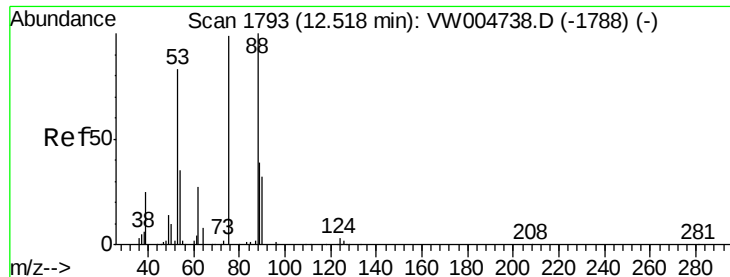
Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	19.7	22.6	33.8#
61	0.0	20.2	30.4#



#76
1,2,3-Trichloropropane
Concen: 47.79 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

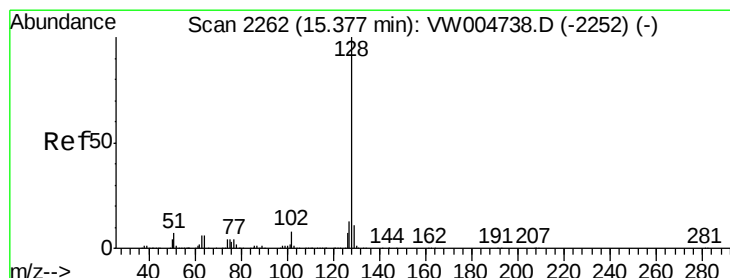
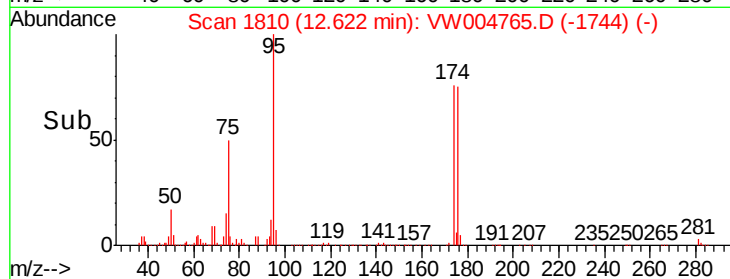
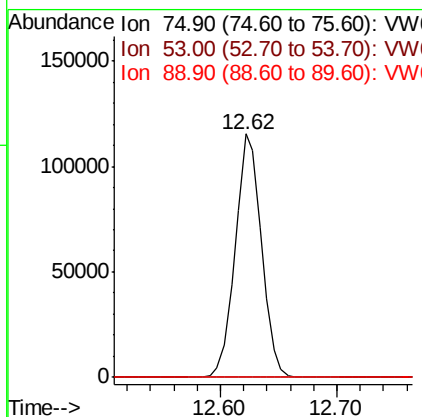
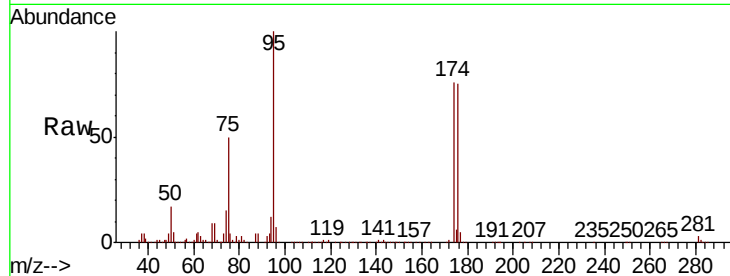




#81
trans-1,4-Dichloro-2-butene
Concen: 111.09 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Instrument :
MSVOA_W
ClientSampleId :
TP-6

Tot Ion: 75 Resp: 180694
Ion Ratio Lower Upper
75 100
53 0.3 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.57 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004765.D
Acq: 18 Aug 2018 07:22

Tgt Ion: 128 Resp: 1218
Ion Ratio Lower Upper
128 100
127 9.5 10.4 15.6#
129 11.8 8.6 13.0

