

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070318\
 Data File : VW003706.D
 Acq On : 03 Jul 2018 18:26
 Operator : SY/AP
 Sample : J3813-02
 Misc : 5.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 IDW-S02-SRI3

Quant Time: Jul 05 02:39:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	20953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	32434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12554	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	12728	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
35) Dibromofluoromethane	7.89	113	1213	5.73	ug/l	0.00
Spiked Amount			Recovery	=	11.46%	
50) Toluene-d8	10.33	98	30213	36.38	ug/l	0.00
Spiked Amount			Recovery	=	72.76%	
62) 4-Bromofluorobenzene	12.62	95	10047	33.68	ug/l	0.00
Spiked Amount			Recovery	=	67.36%	

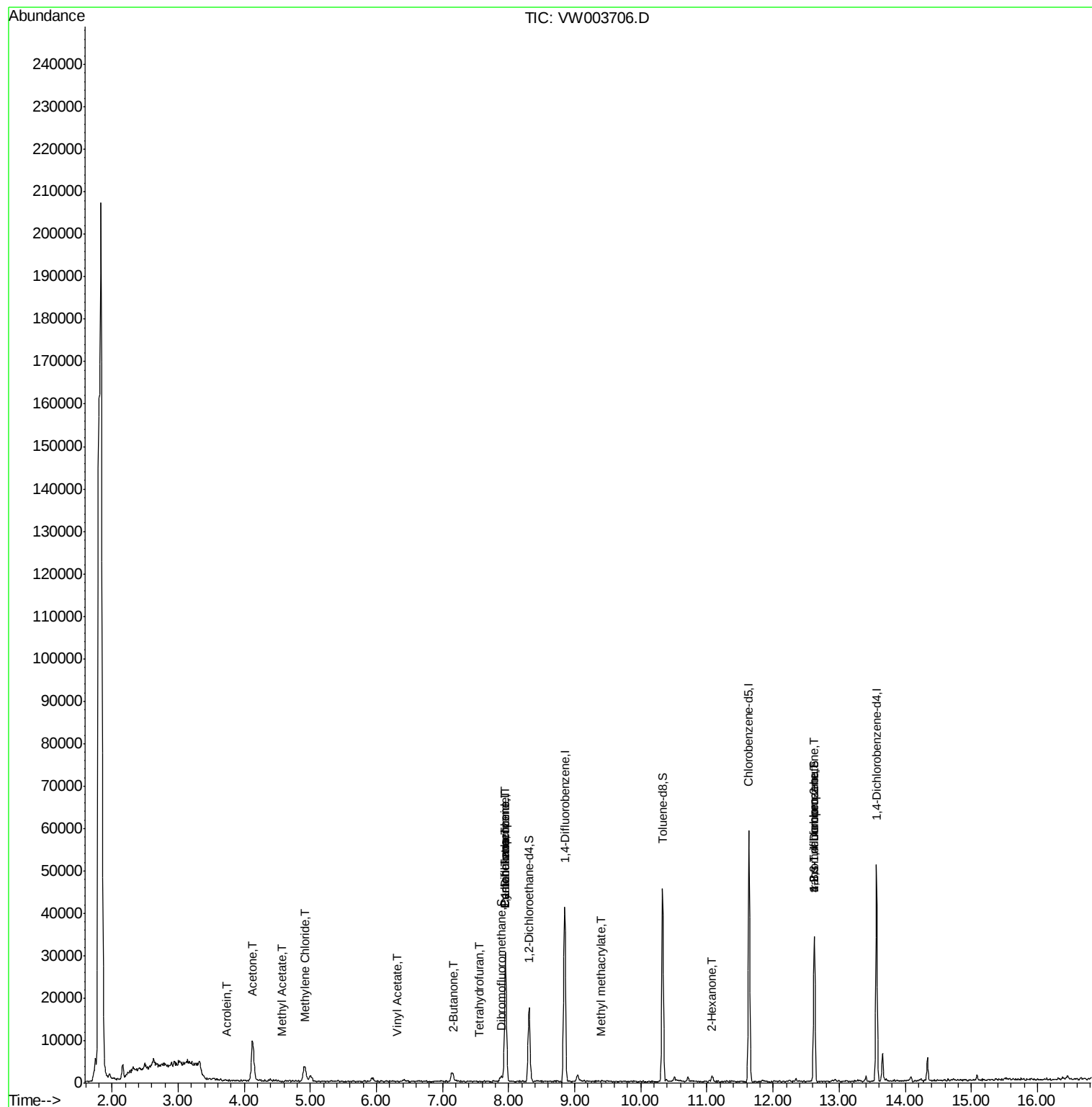
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.74	56	25	3.296	ug/l #	16
16) Acetone	4.12	43	16432	275.567	ug/l	95
18) Methyl Acetate	4.57	43	64	1.214	ug/l #	53
20) Methylene Chloride	4.92	84	2291	7.171	ug/l	87
23) Vinyl Acetate	6.32	43	43	13.949	ug/l #	74
25) 2-Butanone	7.18	43	79	1.035	ug/l #	50
29) Tetrahydrofuran	7.56	42	73	1.595	ug/l #	36
31) Cyclohexane	7.96	56	596	1.561	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	1857	5.704	ug/l #	50
38) Carbon Tetrachloride	7.96	117	2033	6.564	ug/l #	13
48) Methyl methacrylate	9.40	41	21	3.488	ug/l #	1
59) 2-Hexanone	11.08	43	377	3.353	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	5538	49.062	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5538	103.958	ug/l #	9

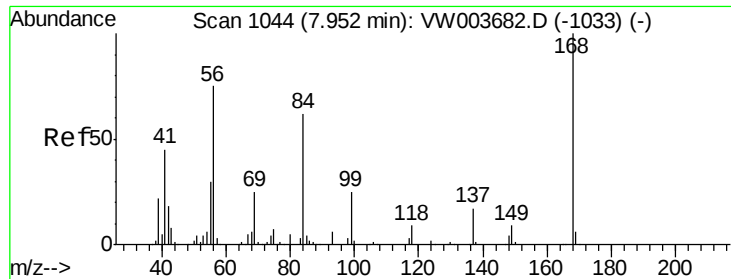
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

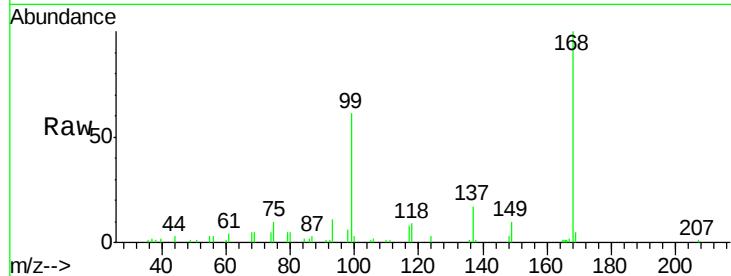
IDW-S02-SRI3

Tgt Ion:168 Resp: 20953

Ion Ratio Lower Upper

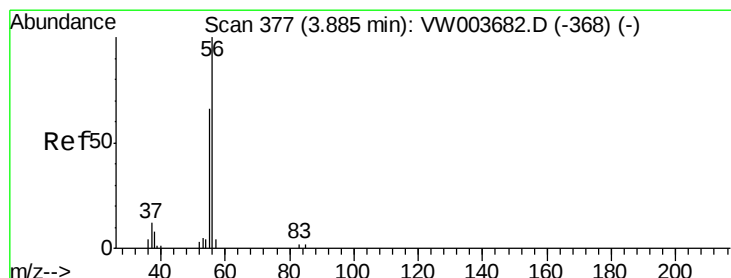
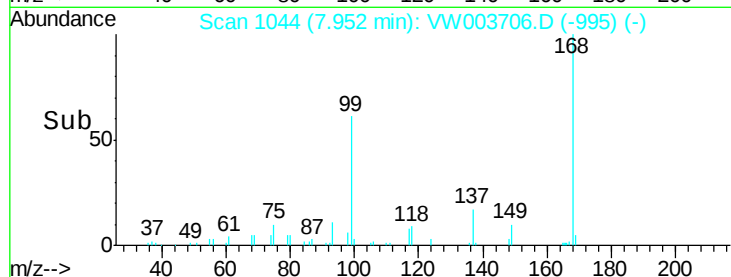
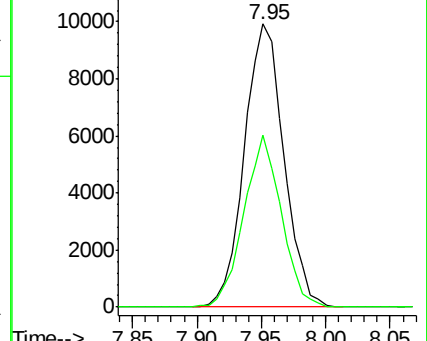
168 100

99 60.7 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 3.296 ug/l

RT: 3.74 min Scan# 353

Delta R.T. -0.15 min

Lab File: VW003706.D

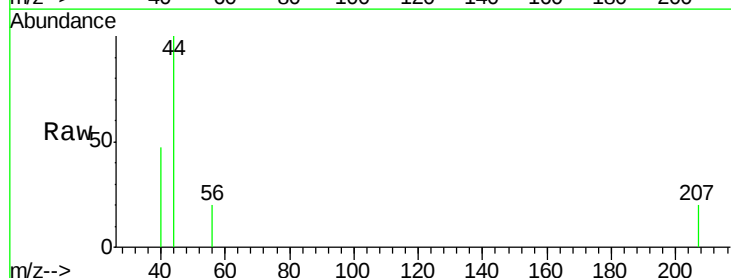
Acq: 03 Jul 2018 18:26

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

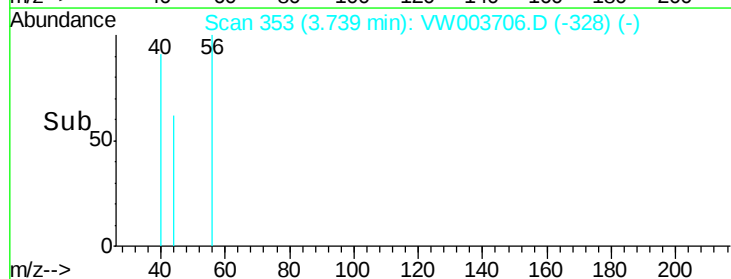
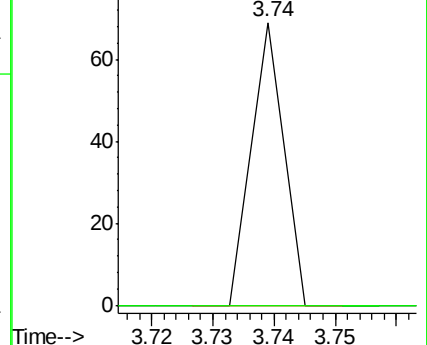
56 100

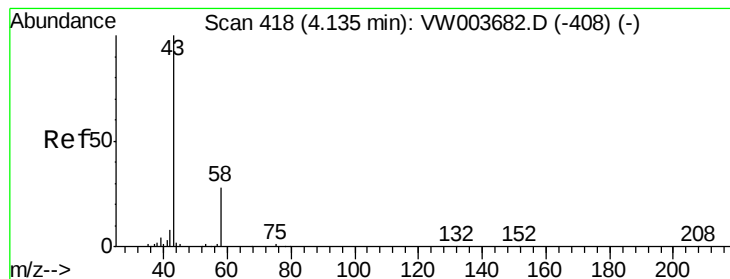
55 0.0 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 275.567 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

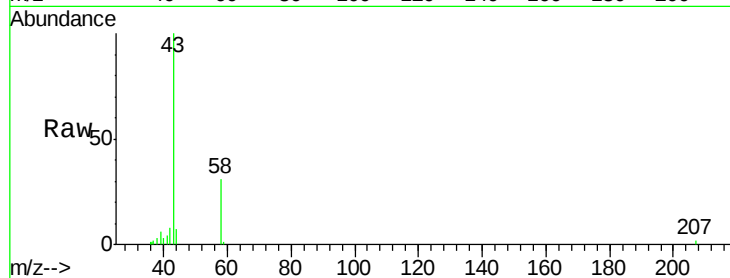
IDW-S02-SRI3

Tgt Ion: 43 Resp: 16432

Ion Ratio Lower Upper

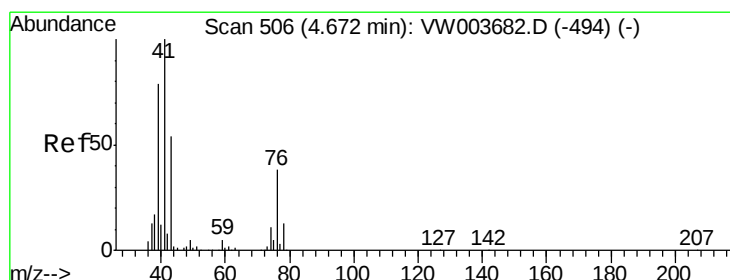
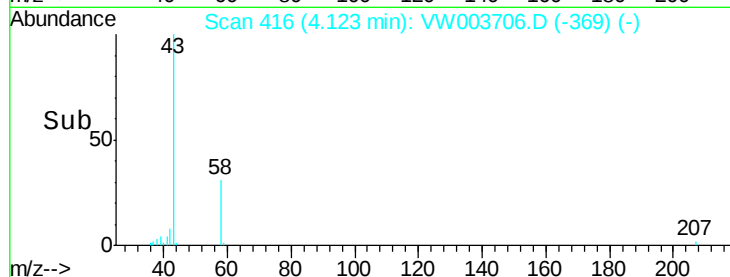
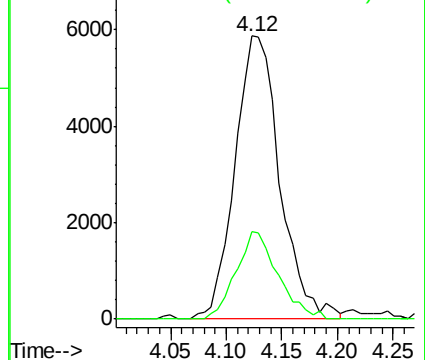
43 100

58 30.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.214 ug/l

RT: 4.57 min Scan# 489

Delta R.T. -0.10 min

Lab File: VW003706.D

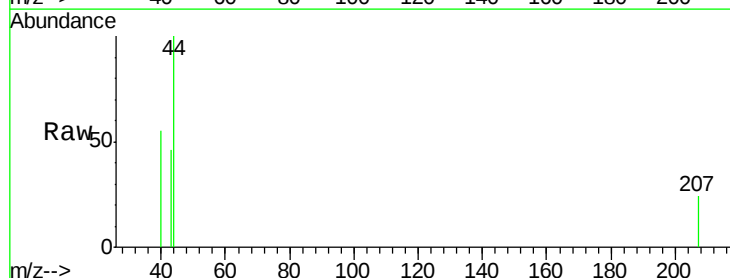
Acq: 03 Jul 2018 18:26

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

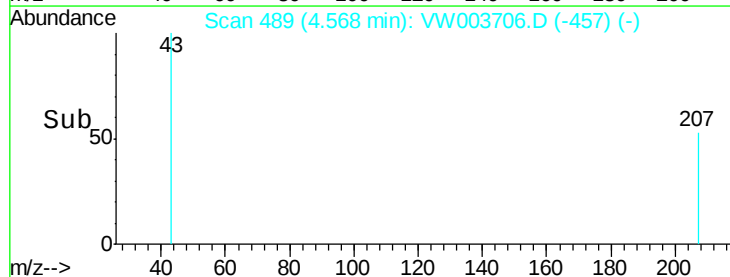
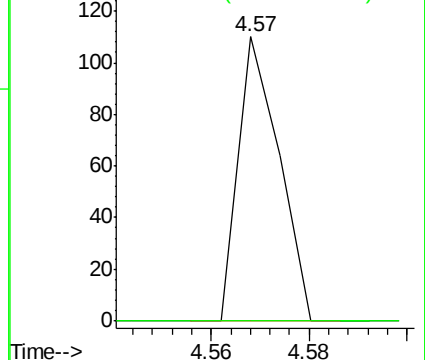
43 100

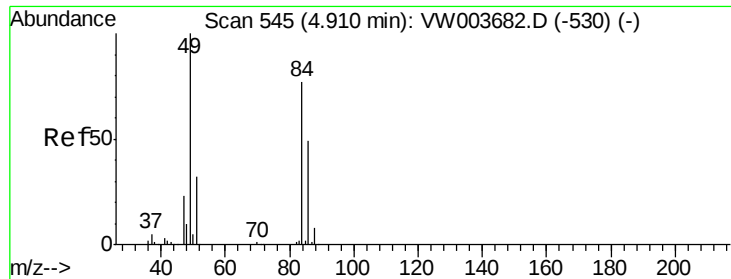
74 0.0 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

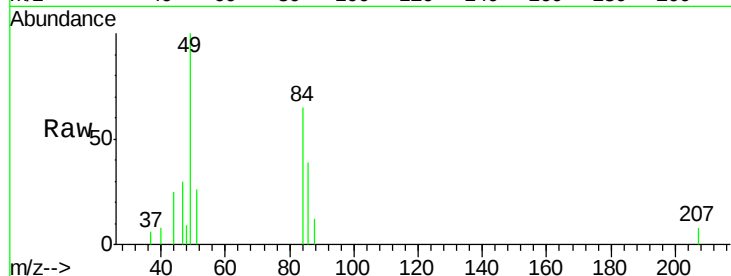




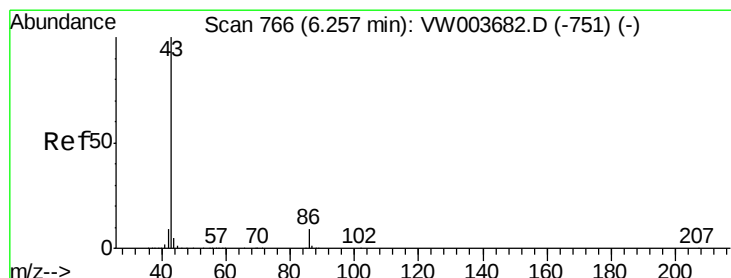
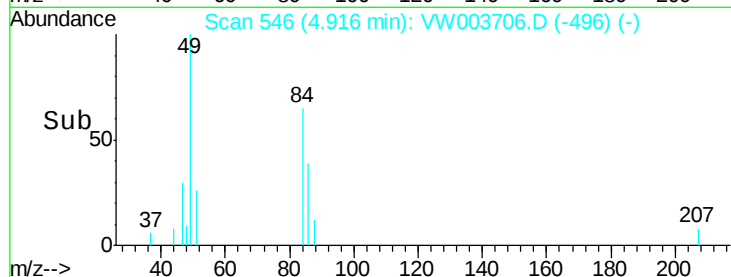
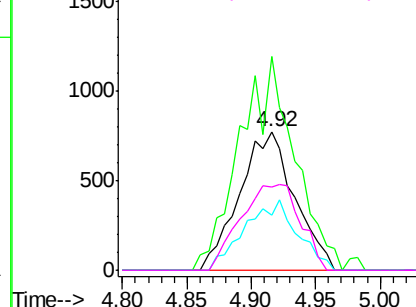
#20
Methylene Chloride
Concen: 7.171 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
IDW-S02-SRI3

Tgt Ion: 84 Resp: 2291
Ion Ratio Lower Upper
84 100
49 154.0 104.6 156.8
51 39.9 33.2 49.8
86 59.6 51.7 77.5

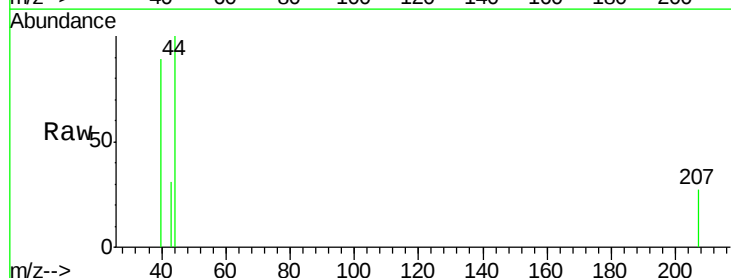


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

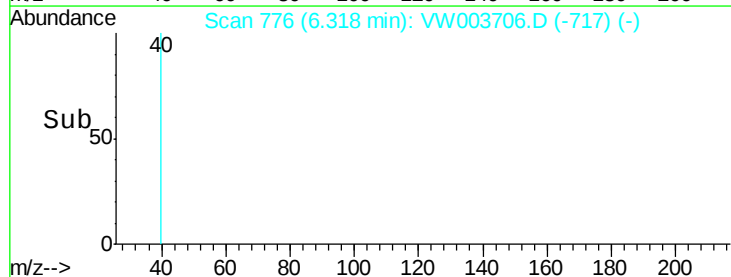
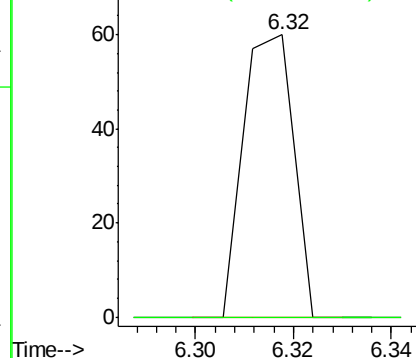


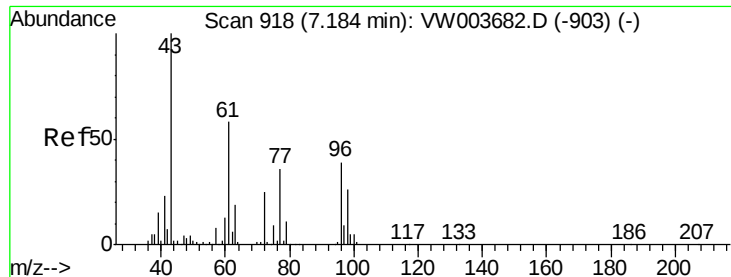
#23
Vinyl Acetate
Concen: 13.949 ug/l
RT: 6.32 min Scan# 776
Delta R.T. 0.06 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW

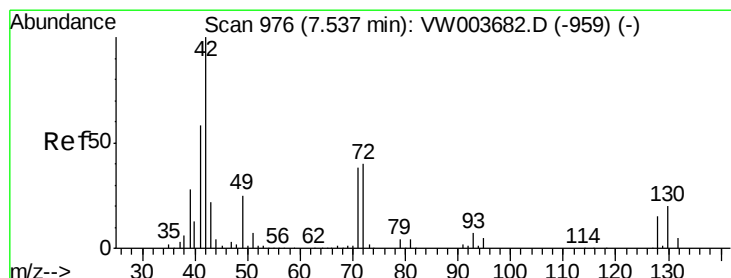
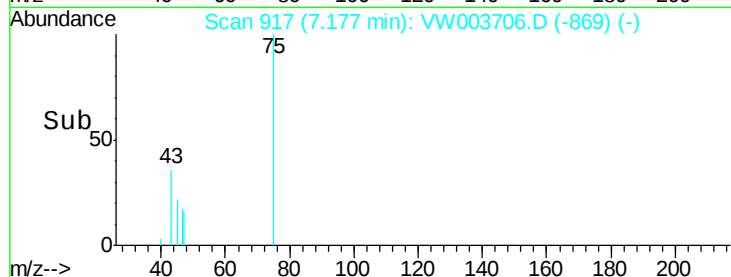
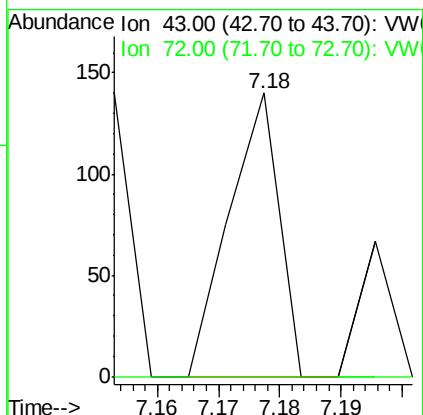
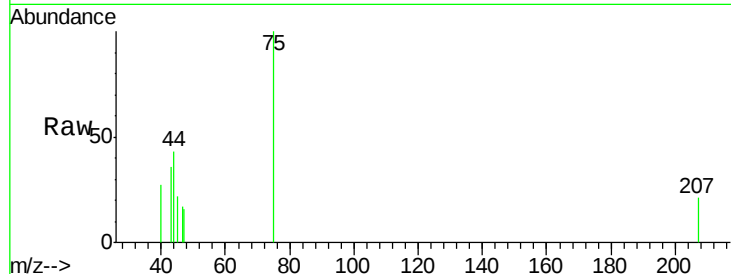




#25
2-Butanone
Concen: 1.035 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

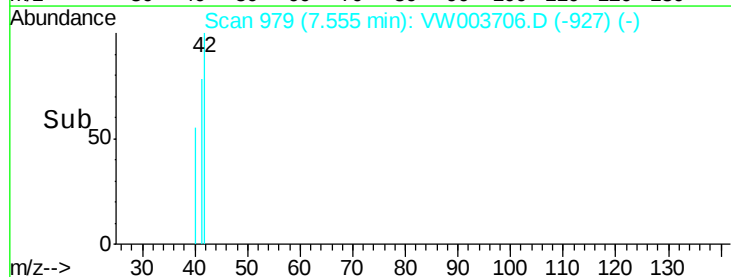
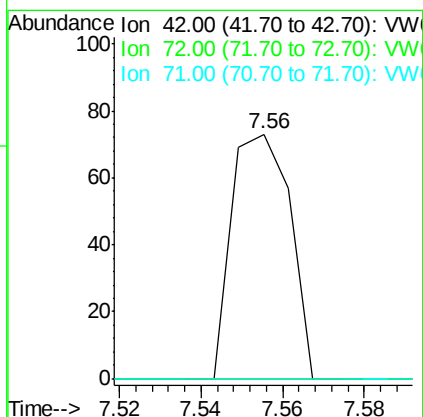
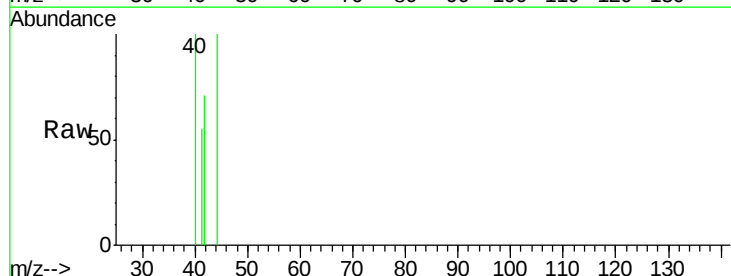
Instrument :
MSVOA_W
ClientSampleId :
IDW-S02-SRI3

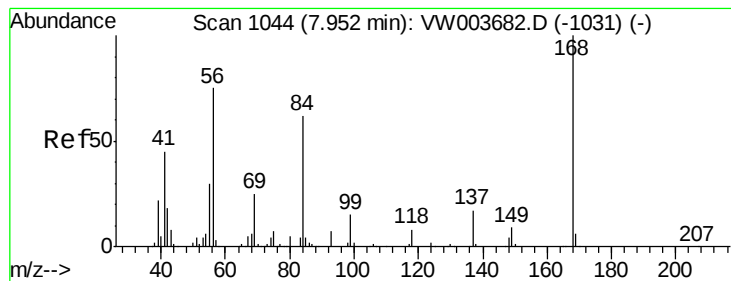
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



#29
Tetrahydrofuran
Concen: 1.595 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

Tgt Ion: 42 Resp: 73
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 30.2 45.2#





#31

Cyclohexane

Concen: 1.561 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

IDW-S02-SRI3

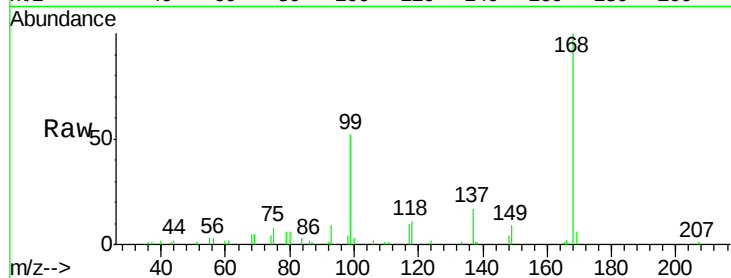
Tgt Ion: 56 Resp: 596

Ion Ratio Lower Upper

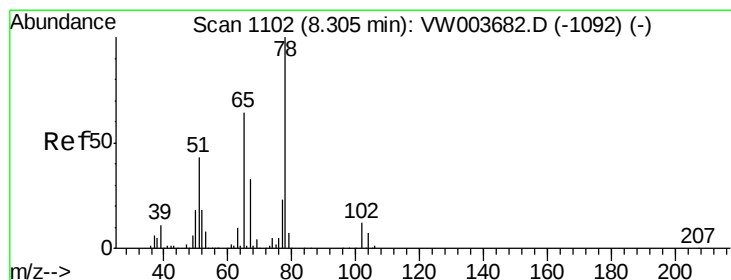
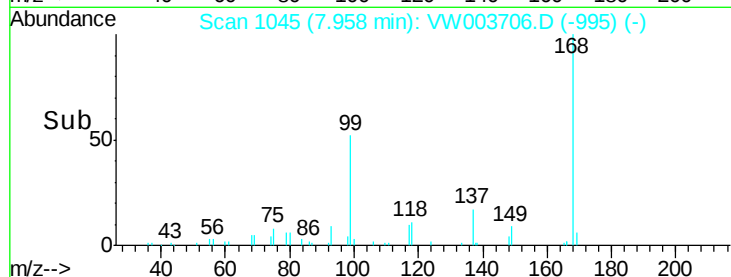
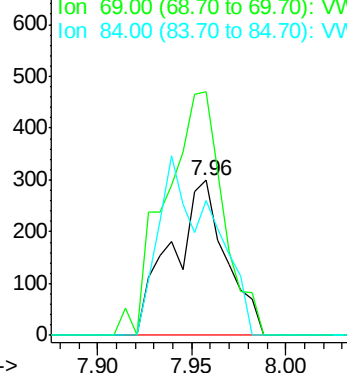
56 100

69 157.2 27.0 40.4#

84 87.0 65.4 98.0



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: 50.952 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003706.D

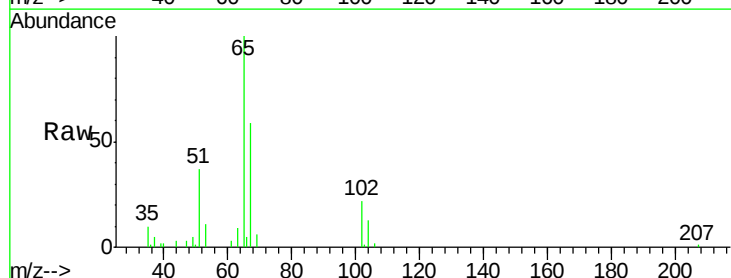
Acq: 03 Jul 2018 18:26

Tgt Ion: 65 Resp: 12728

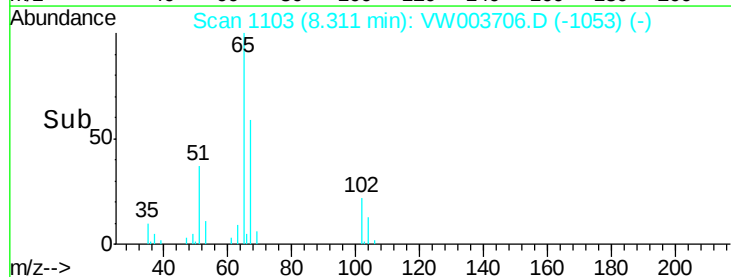
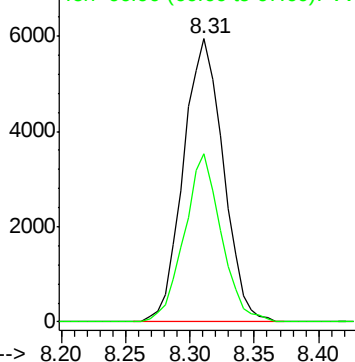
Ion Ratio Lower Upper

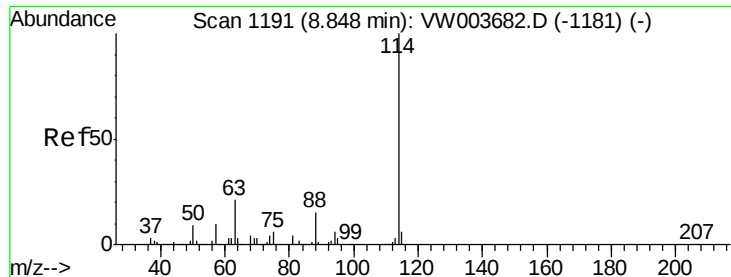
65 100

67 55.0 0.0 104.0



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: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

Instrument :

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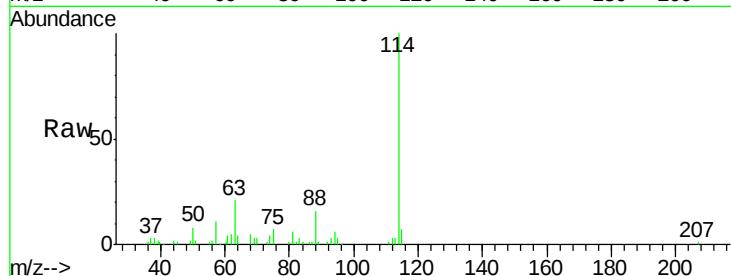
Tgt Ion:114 Resp: 32434

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

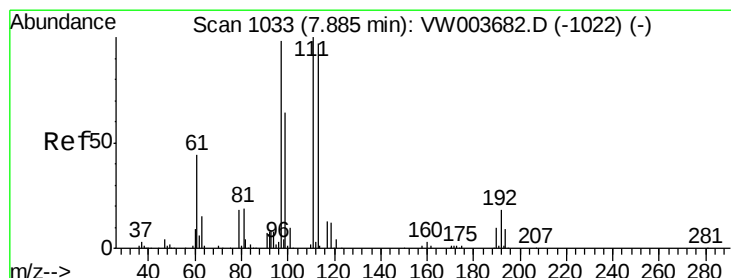
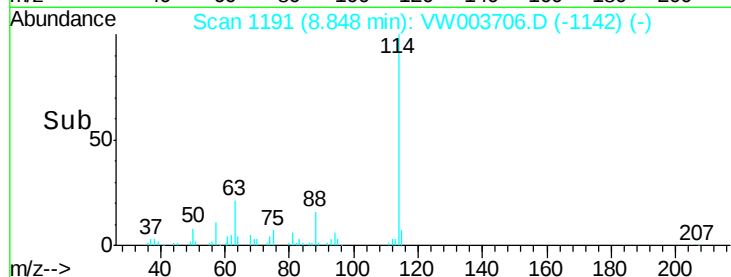
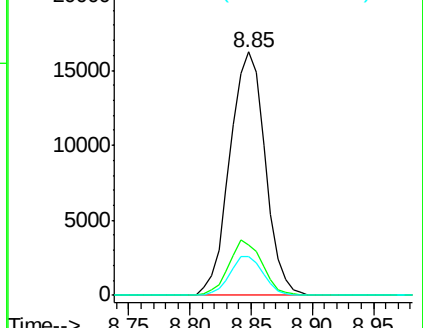
88 16.2 0.0 29.8



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: 5.734 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

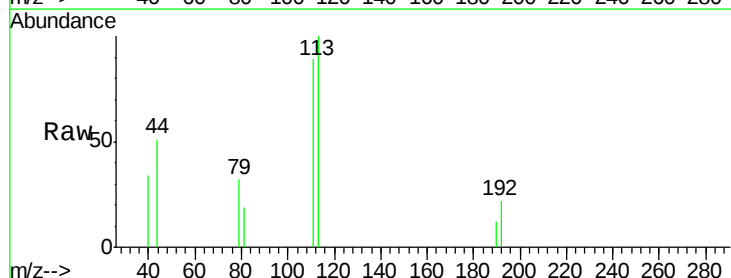
Tgt Ion:113 Resp: 1213

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

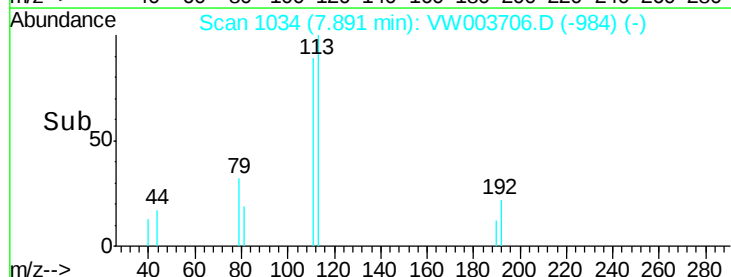
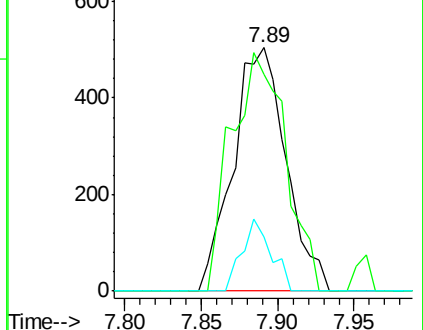
192 16.2 15.8 23.6

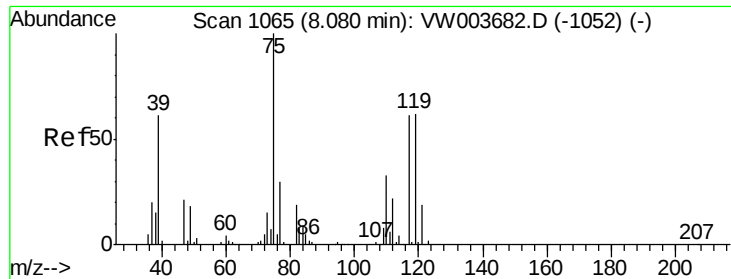


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

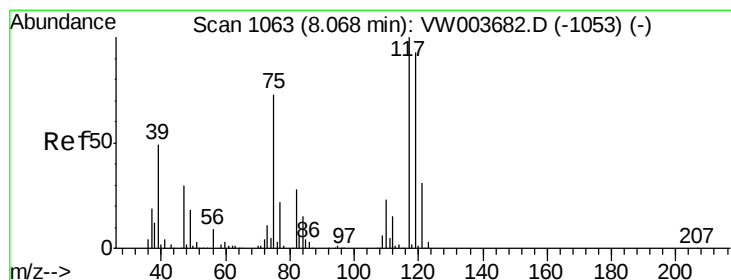
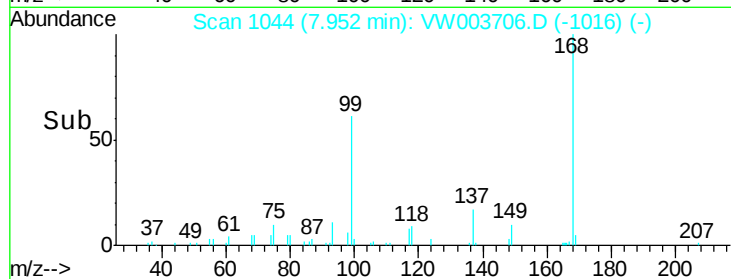
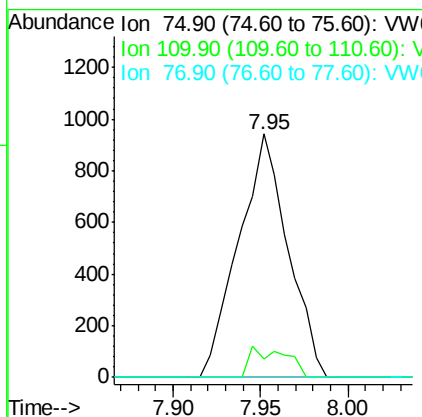
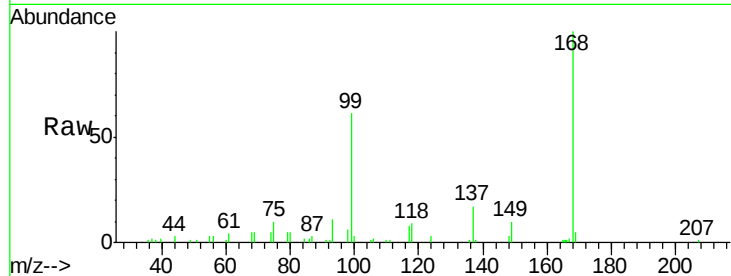




#36
 1,1-Dichloropropene
 Concen: 5.704 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003706.D
 Acq: 03 Jul 2018 18:26

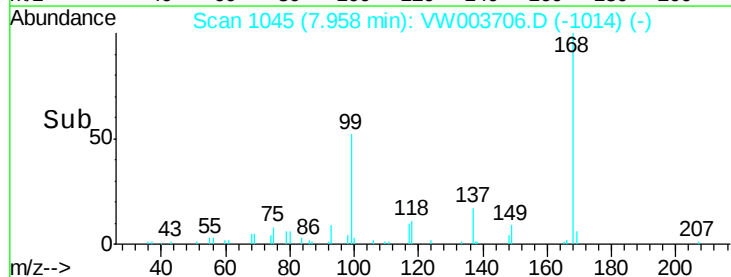
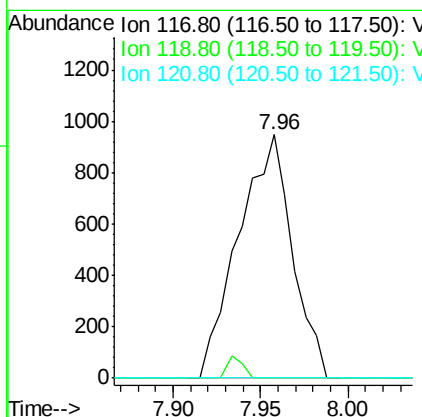
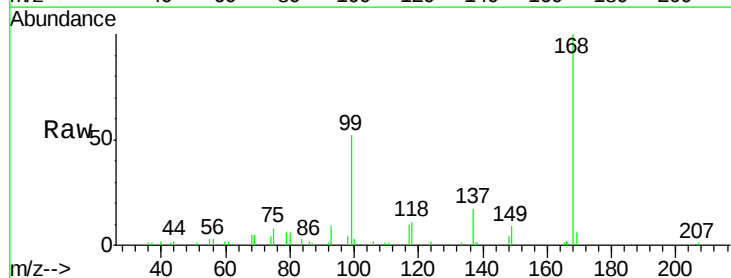
Instrument :
 MSVOA_W
 ClientSampleId :
 IDW-S02-SRI3

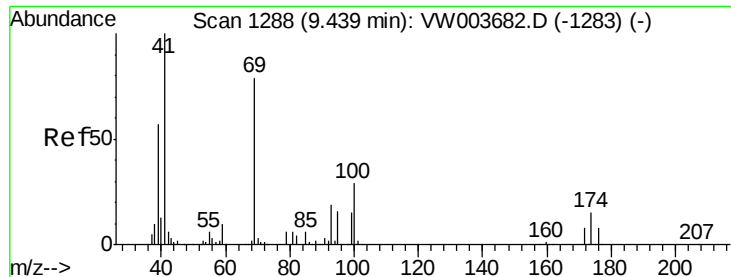
Tgt Ion: 75 Resp: 1857
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.9 50.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.564 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.11 min
 Lab File: VW003706.D
 Acq: 03 Jul 2018 18:26

Tgt Ion: 117 Resp: 2033
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.1 111.1#
 121 0.0 25.0 37.4#

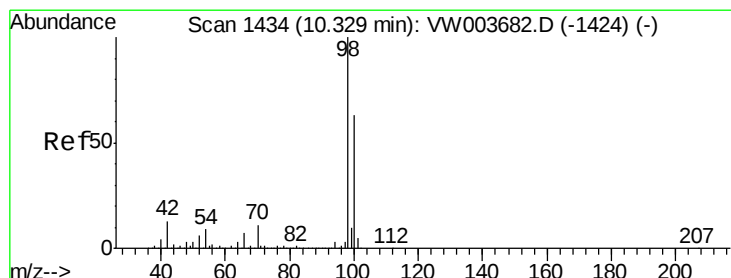
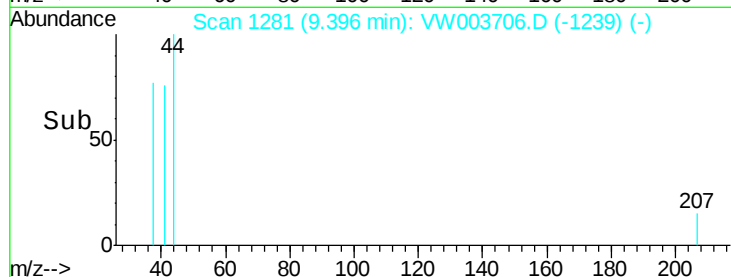
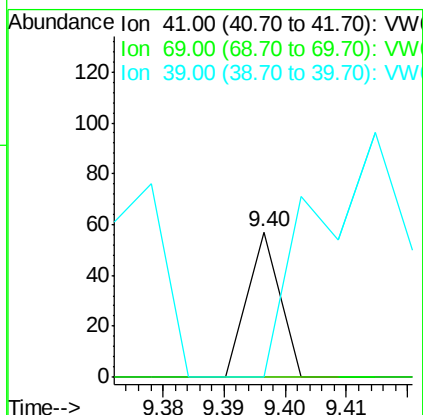
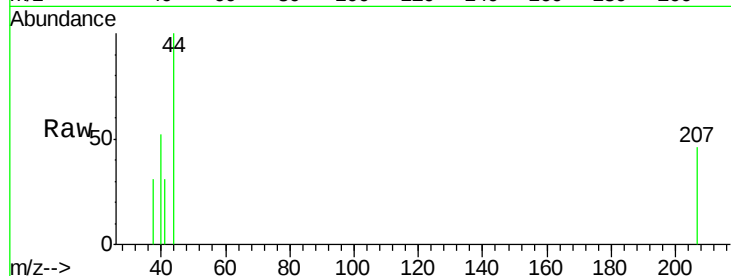




#48
Methyl methacrylate
Concen: 3.488 ug/l
RT: 9.40 min Scan# 1281
Delta R.T. -0.04 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

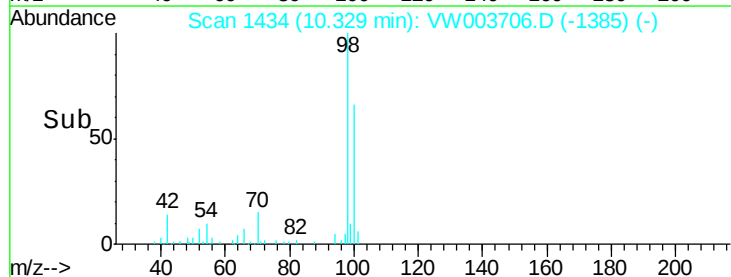
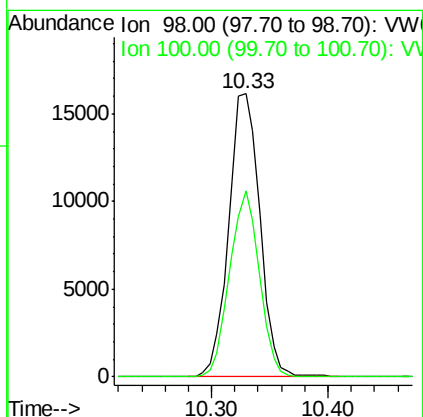
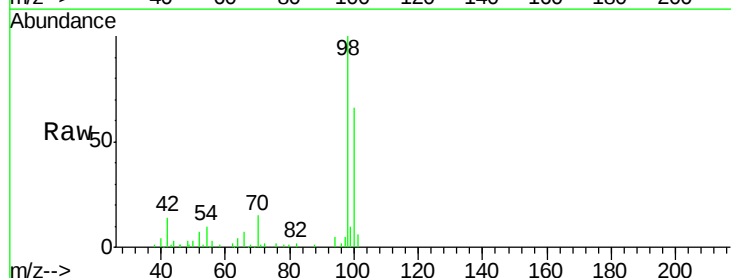
Instrument :
MSVOA_W
ClientSampleId :
IDW-S02-SRI3

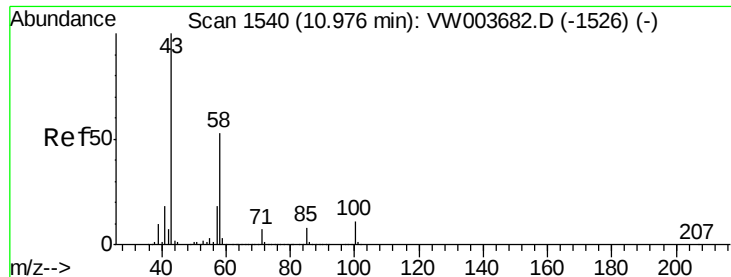
Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 476.2 50.0 75.0#



#50
Toluene-d8
Concen: 36.383 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

Tgt Ion: 98 Resp: 30213
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2





#59

2-Hexanone

Concen: 3.353 ug/l

RT: 11.08 min Scan# 1557

Delta R.T. 0.10 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

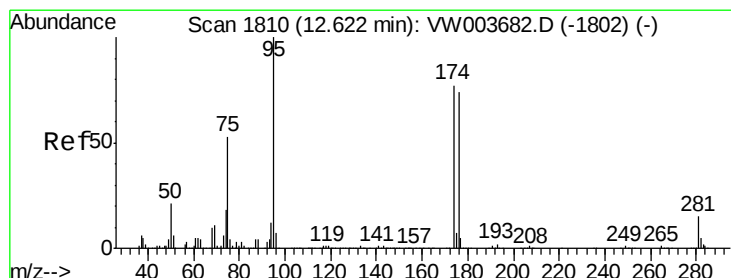
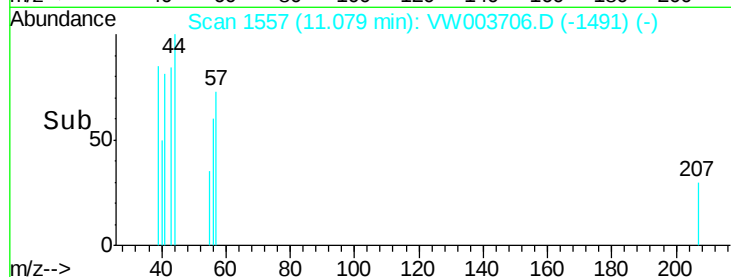
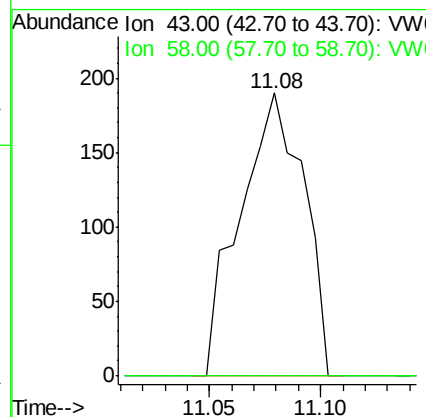
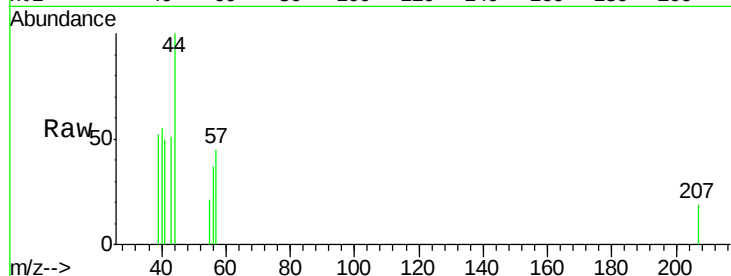
IDW-S02-SRI3

Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#



#62

4-Bromofluorobenzene

Concen: 33.677 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003706.D

Acq: 03 Jul 2018 18:26

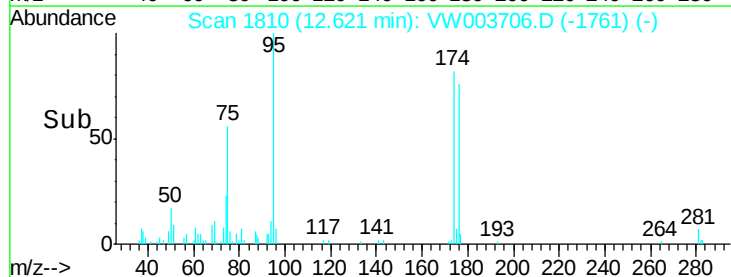
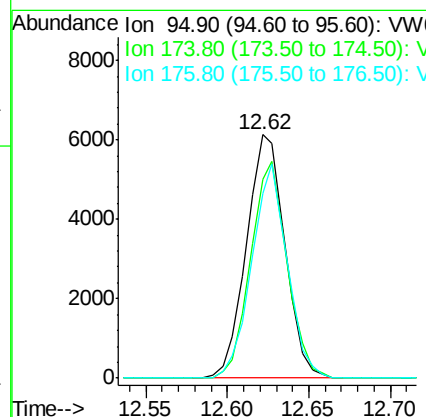
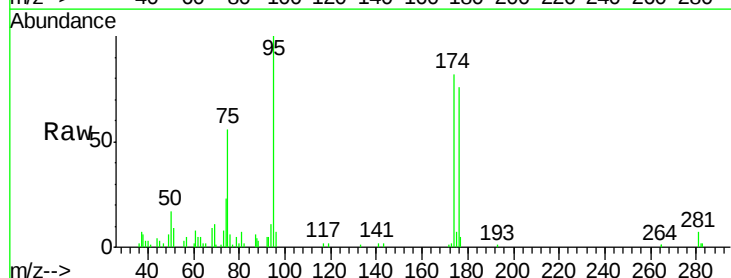
Tgt Ion: 95 Resp: 10047

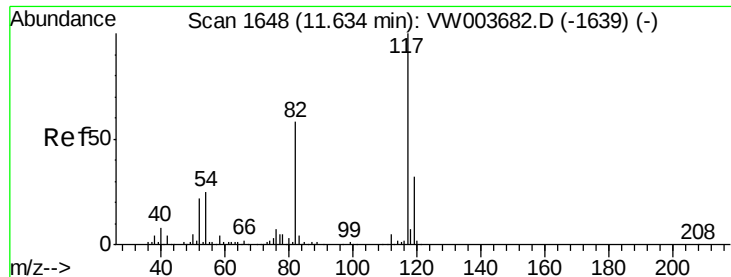
Ion Ratio Lower Upper

95 100

174 84.4 0.0 161.2

176 81.3 0.0 155.0

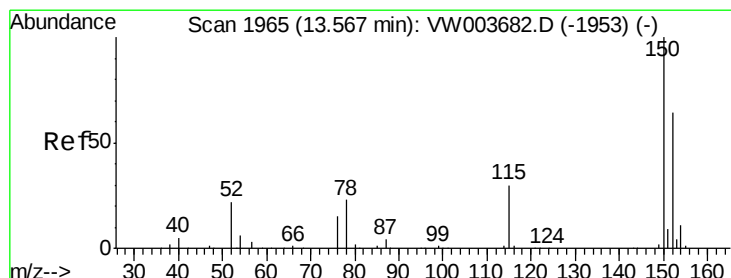
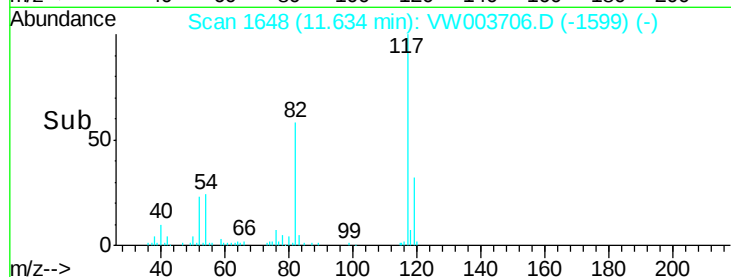
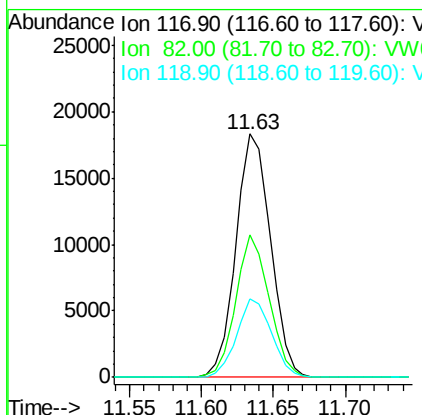
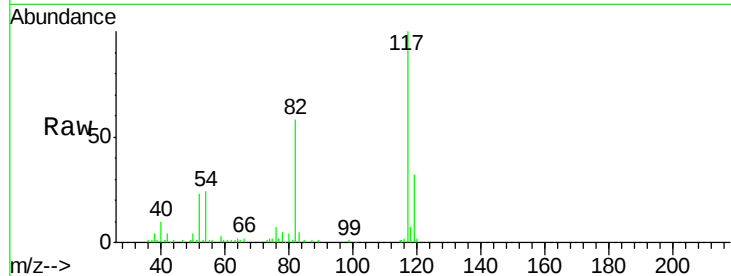




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

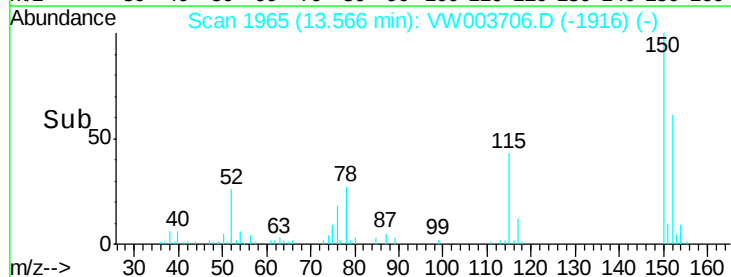
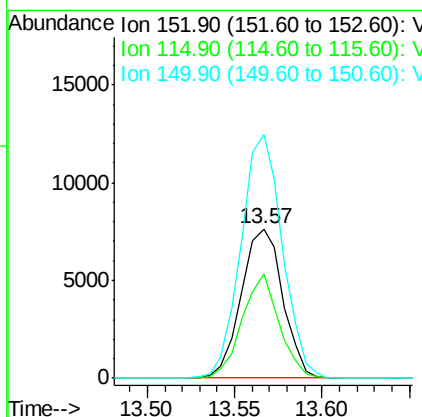
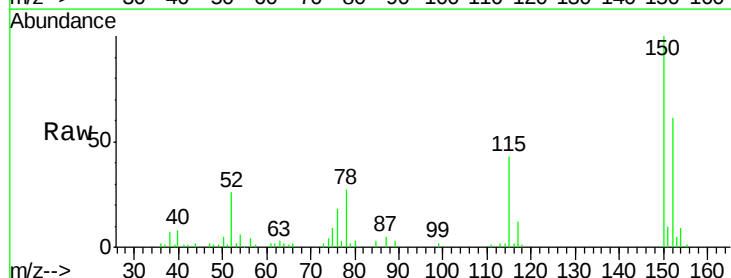
Instrument :
MSVOA_W
ClientSampleId :
IDW-S02-SRI3

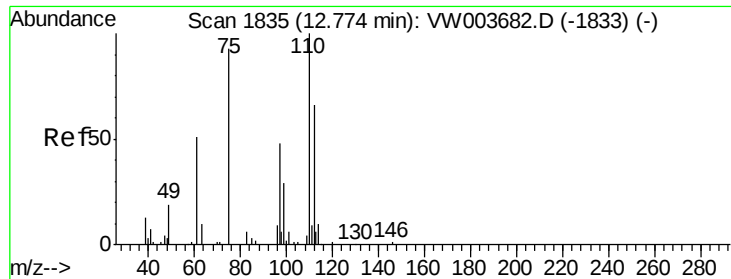
Tgt Ion:117 Resp: 30618
Ion Ratio Lower Upper
117 100
82 58.4 46.0 69.0
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003706.D
Acq: 03 Jul 2018 18:26

Tgt Ion:152 Resp: 12554
Ion Ratio Lower Upper
152 100
115 62.5 29.3 88.0
150 163.0 0.0 352.0

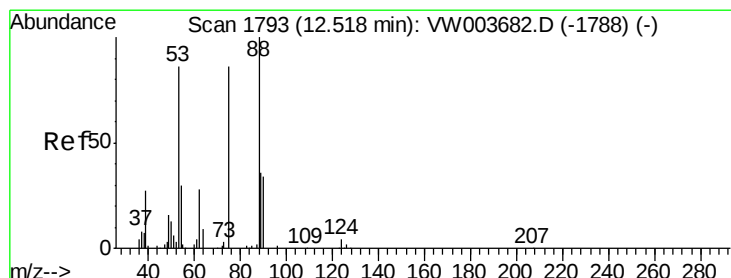
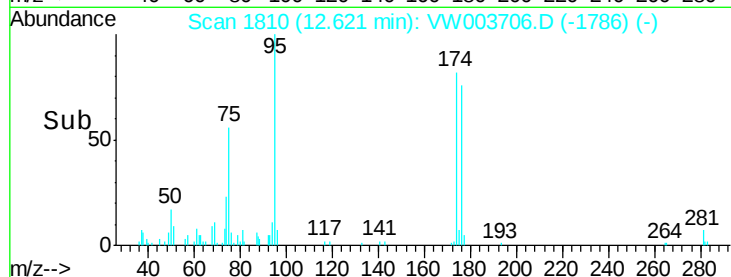
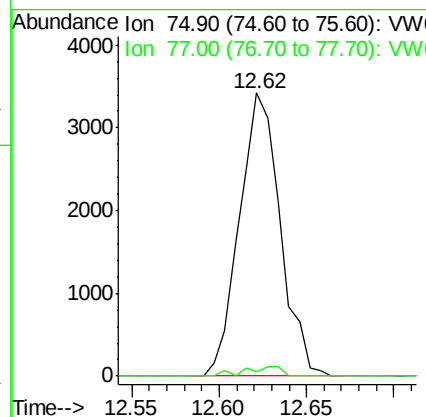
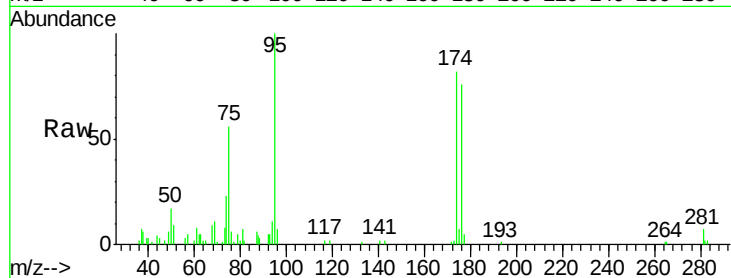




#76
 1,2,3-Trichloropropane
 Concen: 49.062 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003706.D
 Acq: 03 Jul 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 IDW-S02-SRI3

Tgt Ion: 75 Resp: 5538
 Ion Ratio Lower Upper
 75 100
 77 2.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.958 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003706.D
 Acq: 03 Jul 2018 18:26

Tgt Ion: 75 Resp: 5538
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.4 123.6#
 89 0.0 35.9 53.9#

