

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003837.D
 Acq On : 10 Jul 2018 20:26
 Operator : SY/AP
 Sample : J3880-16RE
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-18RE

Quant Time: Jul 11 04:45:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	144579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	247780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70182	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	67562	35.73	ug/l	0.00
Spiked Amount						
			Recovery	=	71.46%	
35) Dibromofluoromethane	7.88	113	57476	33.14	ug/l	0.00
Spiked Amount						
			Recovery	=	66.28%	
50) Toluene-d8	10.33	98	162460	24.49	ug/l	0.00
Spiked Amount						
			Recovery	=	48.98%	
62) 4-Bromofluorobenzene	12.62	95	45639	19.02	ug/l	0.00
Spiked Amount						
			Recovery	=	38.04%	

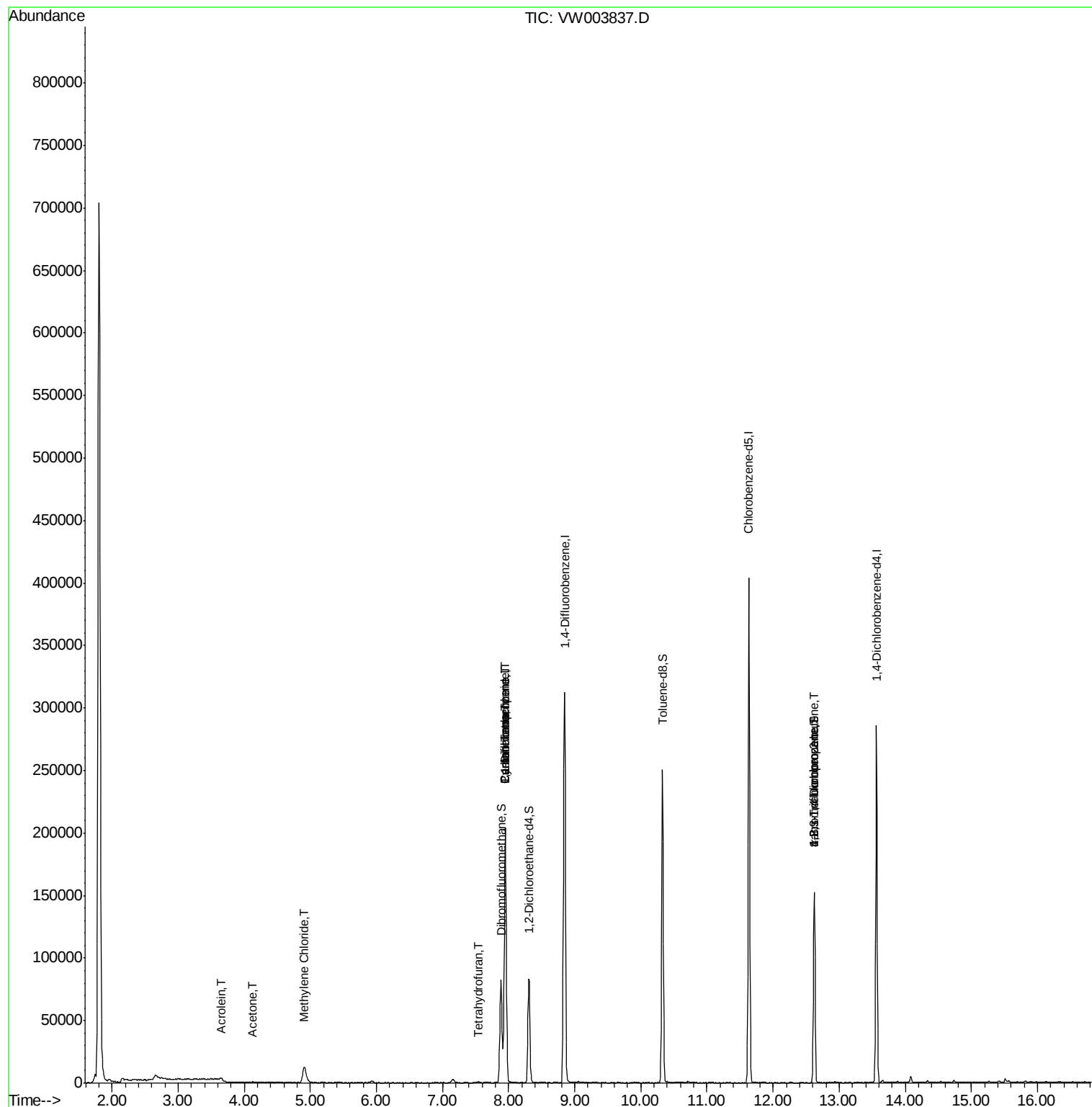
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.65	56	26	4.892	ug/l #	14
16) Acetone	4.13	43	581	1.771	ug/l	90
20) Methylene Chloride	4.90	84	11496	3.076	ug/l #	89
29) Tetrahydrofuran	7.54	42	458	1.387	ug/l #	66
31) Cyclohexane	7.95	56	4041	1.465	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	12677	4.822	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15044	6.018	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	24891	36.117	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24891	88.351	ug/l #	8

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

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QLast Update : Sat Jul 07 05:07:25 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: VW003837.D

Acq: 10 Jul 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

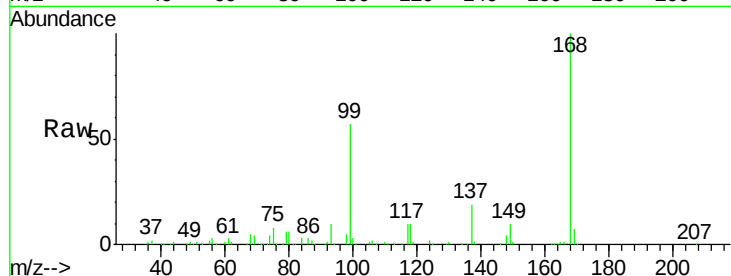
SURCHARGE-SP-18RE

Tot Ion:168 Resp: 144579

Ion Ratio Lower Upper

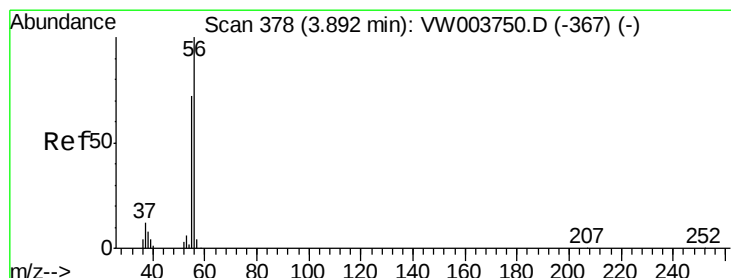
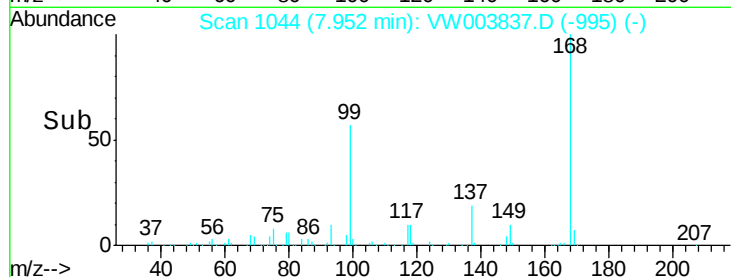
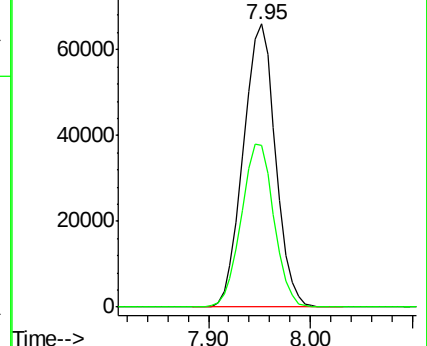
168 100

99 57.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 4.892 ug/l

RT: 3.65 min Scan# 338

Delta R.T. -0.24 min

Lab File: VW003837.D

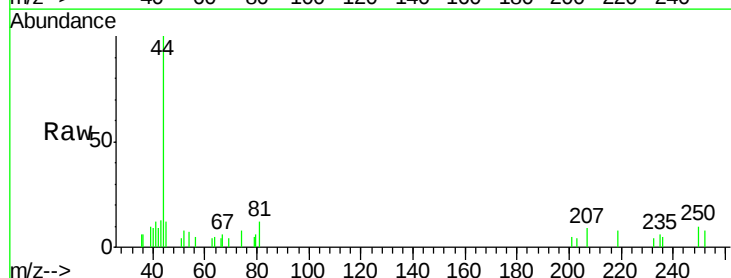
Acq: 10 Jul 2018 20:26

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

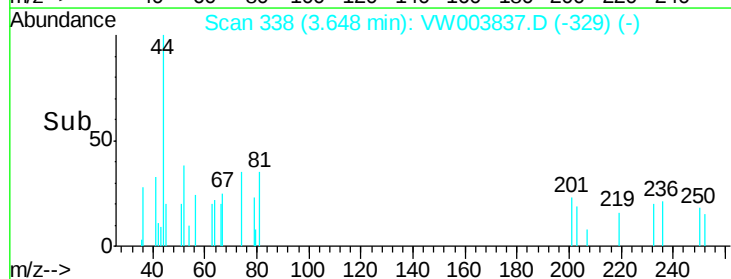
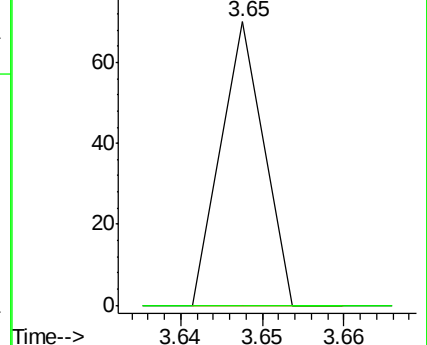
56 100

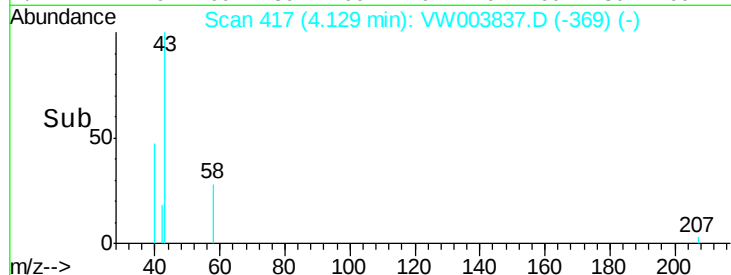
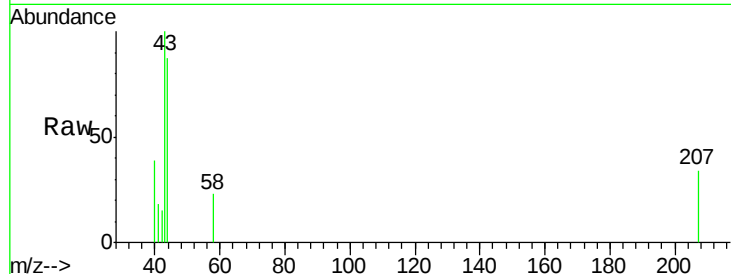
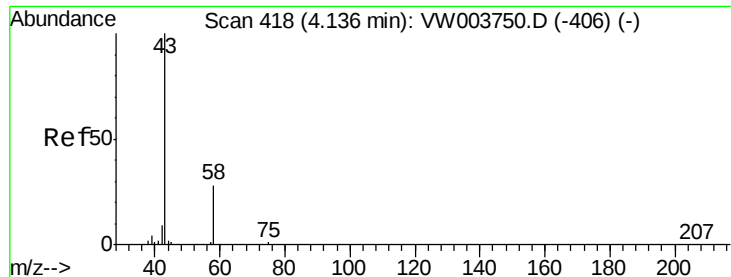
55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 1.771 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

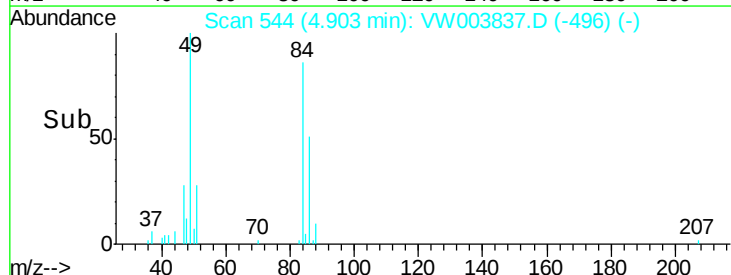
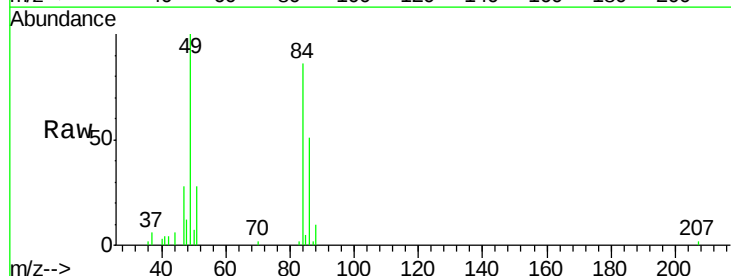
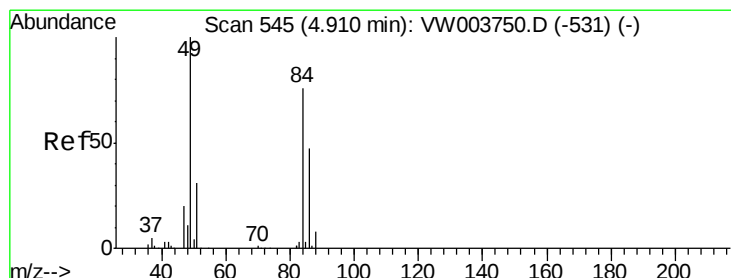
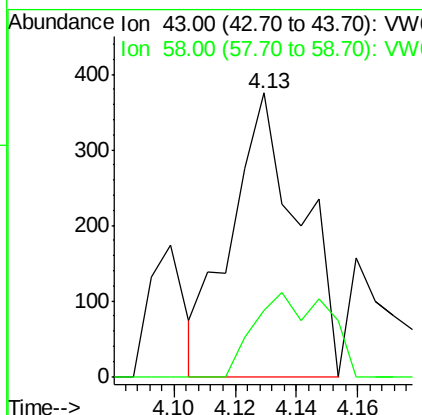
SURCHARGE-SP-18RE

Tot Ion: 43 Resp: 581

Ion Ratio Lower Upper

43 100

58 23.2 22.6 34.0



#20

Methylene Chloride

Concen: 3.076 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

Tgt Ion: 84 Resp: 11496

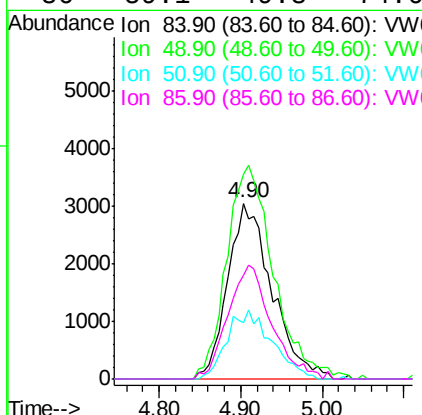
Ion Ratio Lower Upper

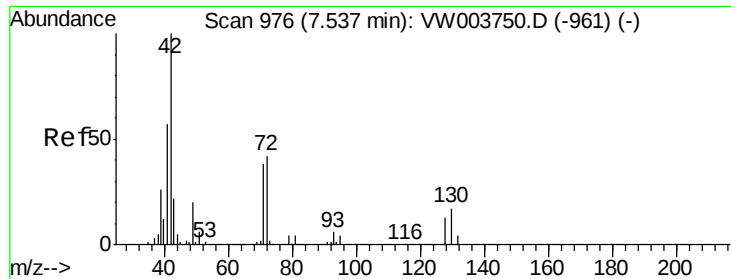
84 100

49 116.6 105.1 157.7

51 32.1 32.5 48.7#

86 59.1 49.8 74.6

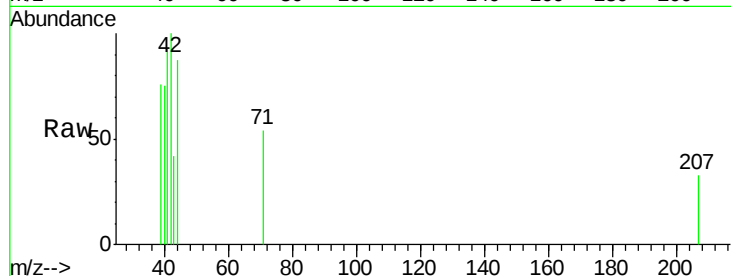




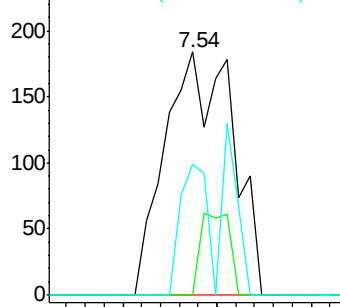
#29
Tetrahydrofuran
Concen: 1.387 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003837.D
Acq: 10 Jul 2018 20:26

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-18RE

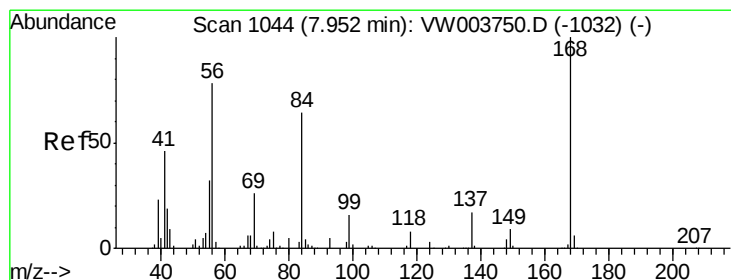
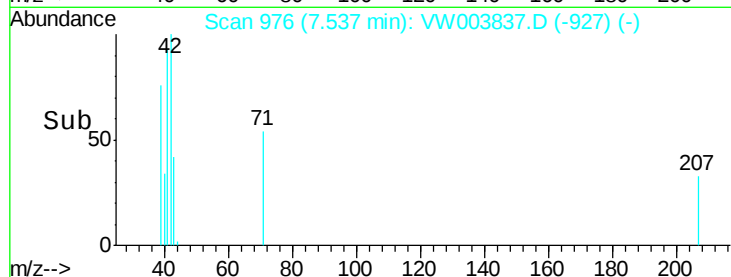
Tot Ion: 42 Resp: 458
Ion Ratio Lower Upper
42 100
72 14.4 31.8 47.8#
71 21.4 30.3 45.5#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

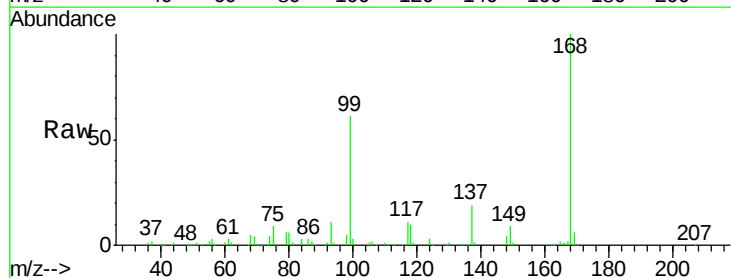


Time-->

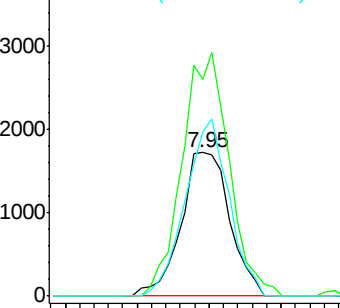


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003837.D
Acq: 10 Jul 2018 20:26

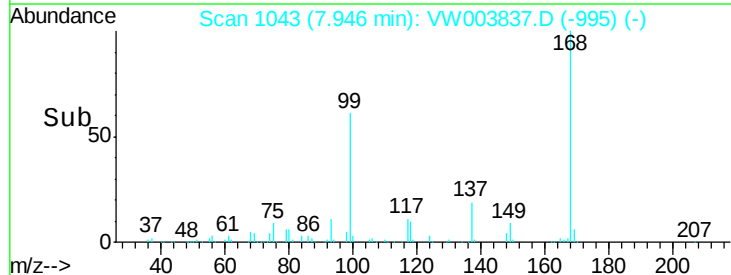
Tgt Ion: 56 Resp: 4041
Ion Ratio Lower Upper
56 100
69 151.1 26.2 39.4#
84 115.0 65.5 98.3#

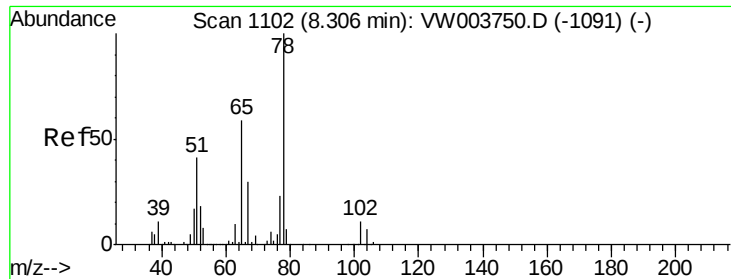


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 35.734 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

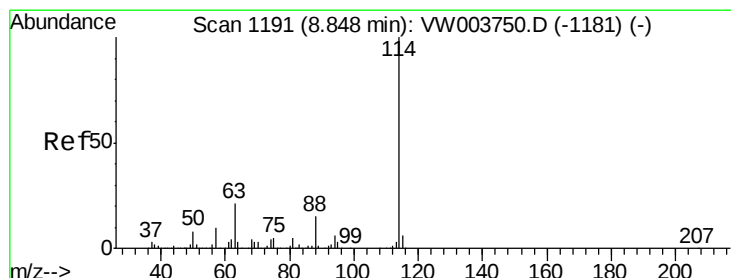
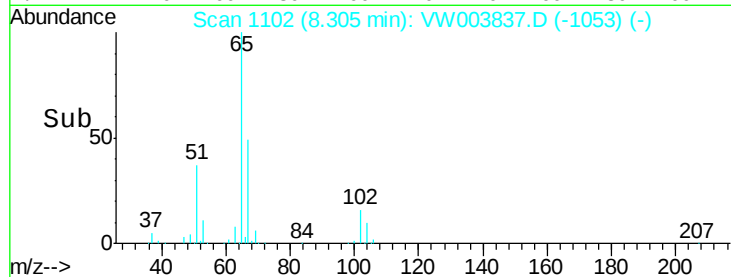
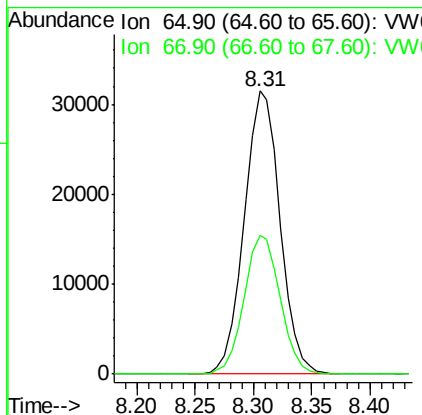
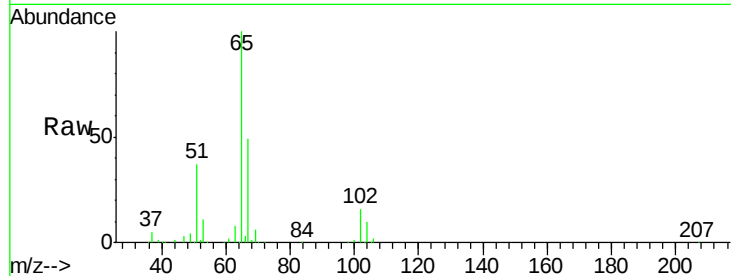
SURCHARGE-SP-18RE

Tot Ion: 65 Resp: 67562

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

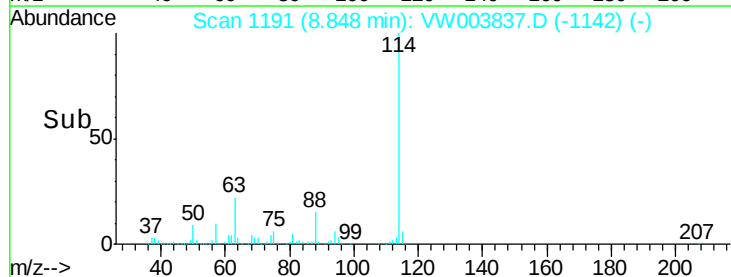
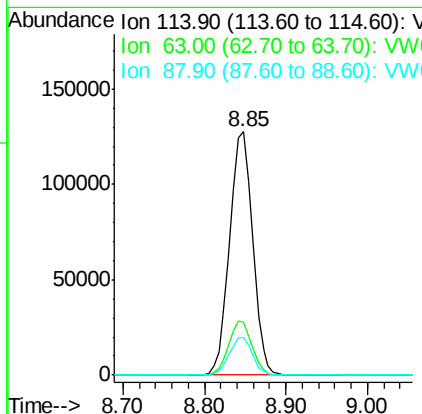
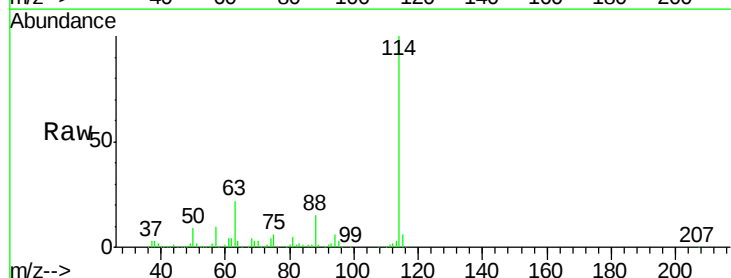
Tgt Ion: 114 Resp: 247780

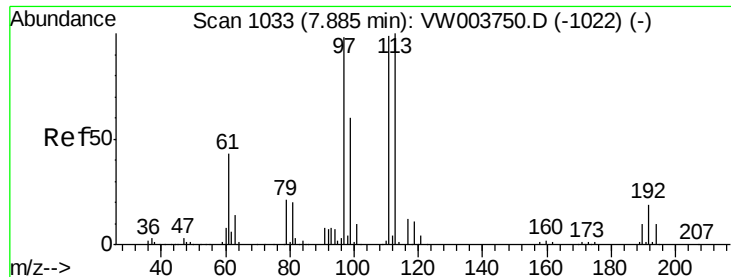
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.4 0.0 30.2

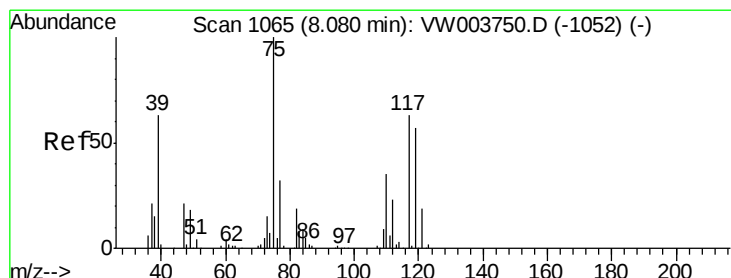
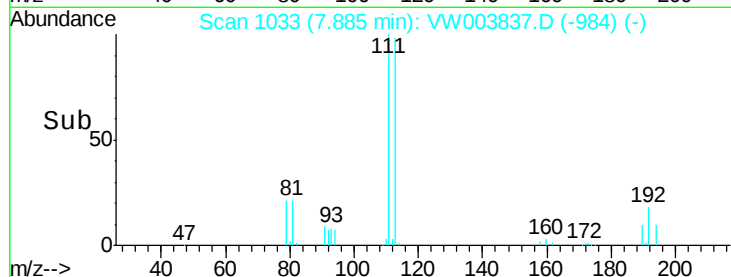
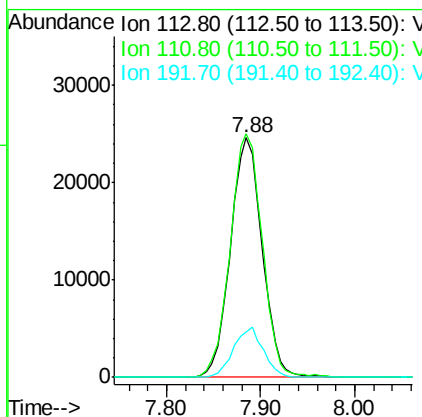
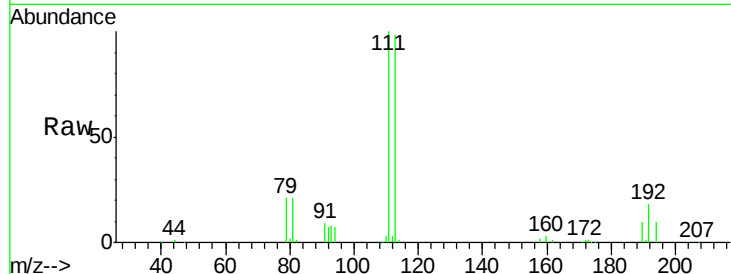




#35
 Dibromofluoromethane
 Concen: 33.143 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003837.D
 Acq: 10 Jul 2018 20:26

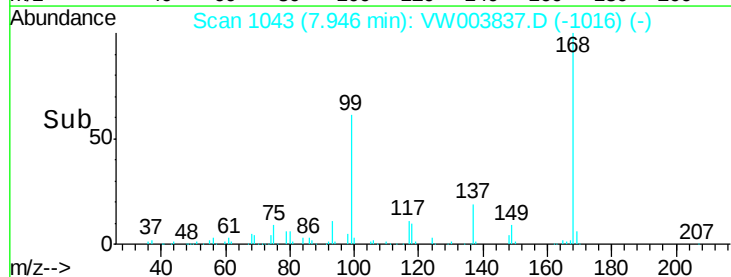
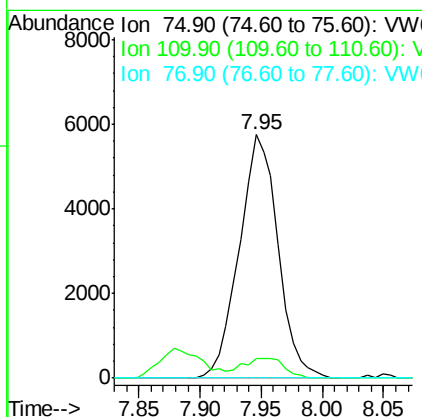
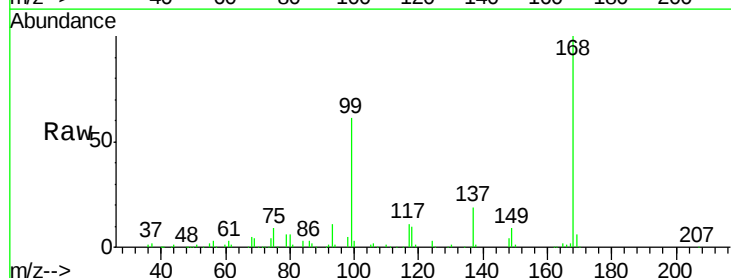
Instrument :
 MSVOA_W
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 SURCHARGE-SP-18RE

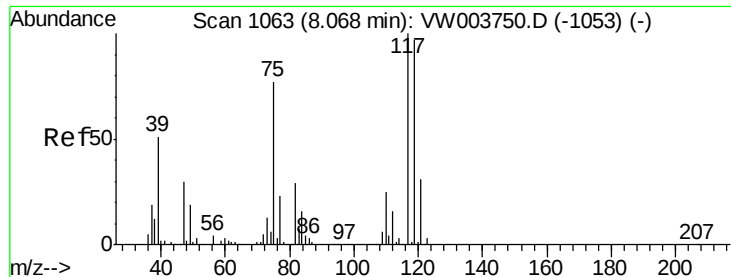
Tot Ion:113 Resp: 57476
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 19.5 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.822 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003837.D
 Acq: 10 Jul 2018 20:26

Tgt Ion: 75 Resp: 12677
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#

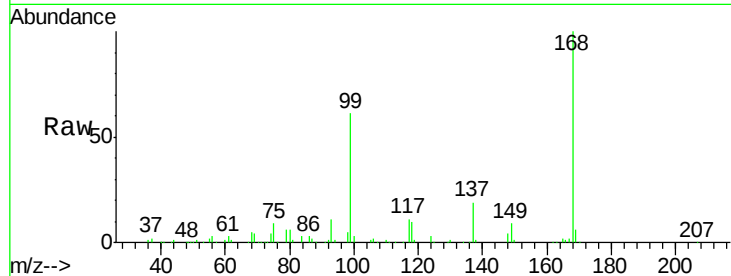




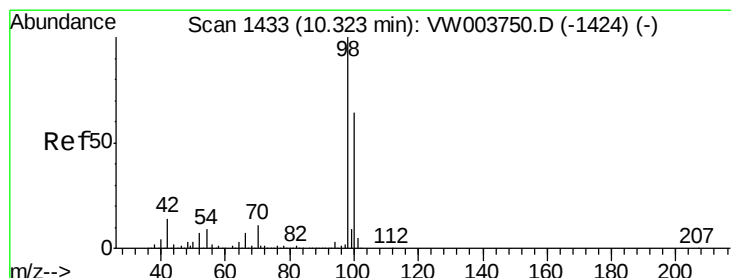
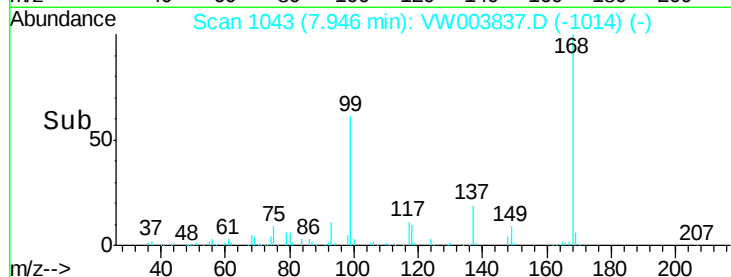
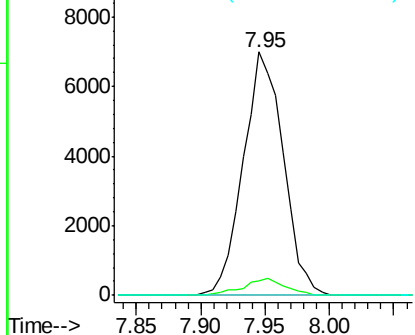
#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003837.D
Acq: 10 Jul 2018 20:26

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-18RE

Tot Ion:117 Resp: 15044
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.2#
121 0.0 24.6 37.0#

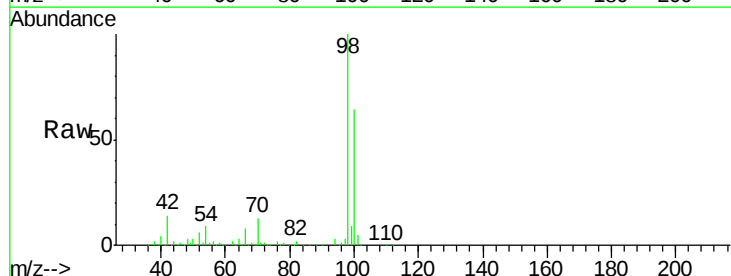


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

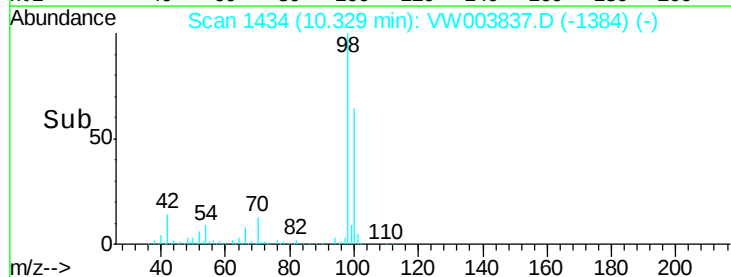
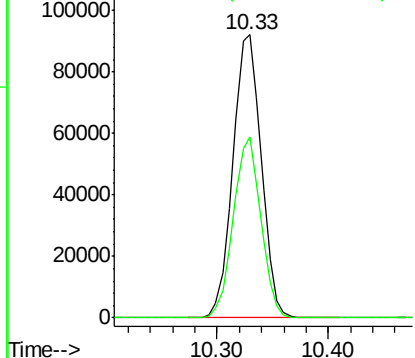


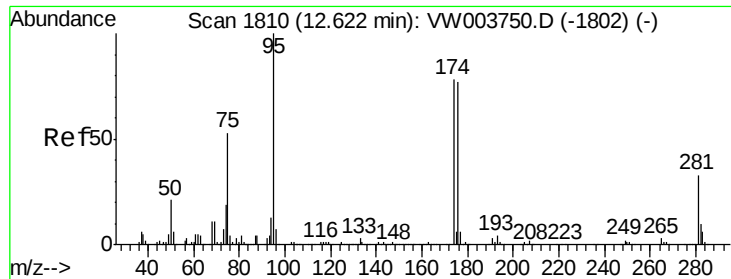
#50
Toluene-d8
Concen: 24.490 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003837.D
Acq: 10 Jul 2018 20:26

Tgt Ion: 98 Resp: 162460
Ion Ratio Lower Upper
98 100
100 61.9 50.8 76.2



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





#62

4-Bromofluorobenzene

Concen: 19.015 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-18RE

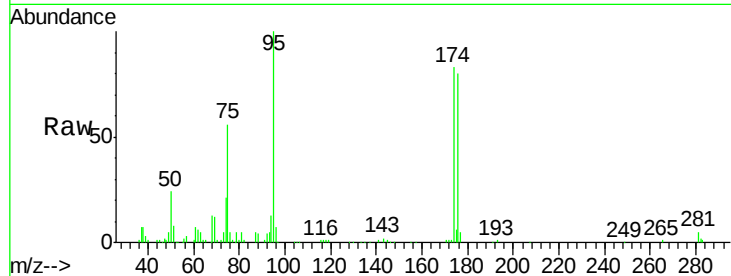
Tot Ion: 95 Resp: 45639

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.4

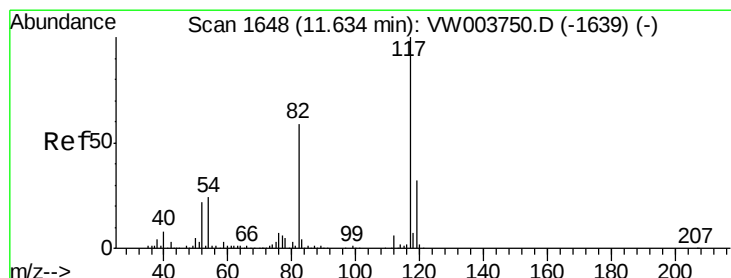
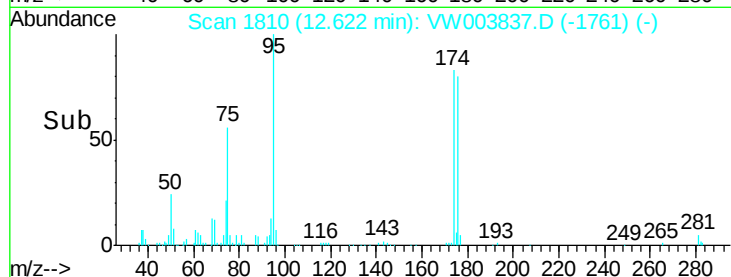
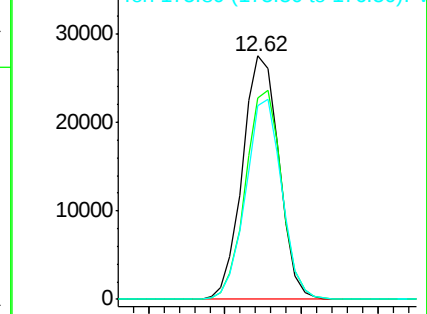
176 81.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

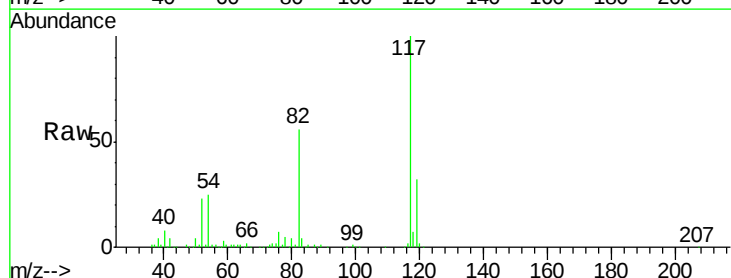
Tgt Ion: 117 Resp: 209341

Ion Ratio Lower Upper

117 100

82 56.4 46.9 70.3

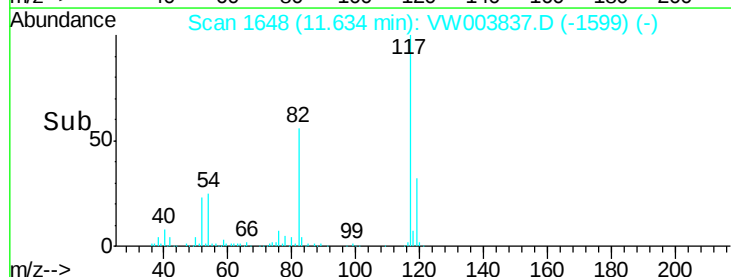
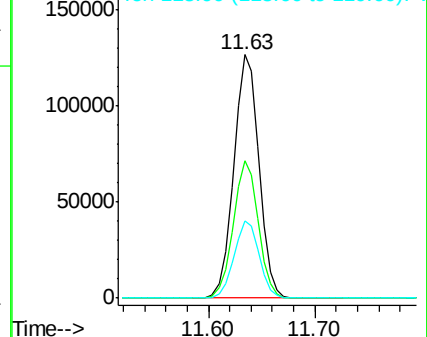
119 31.5 25.5 38.3

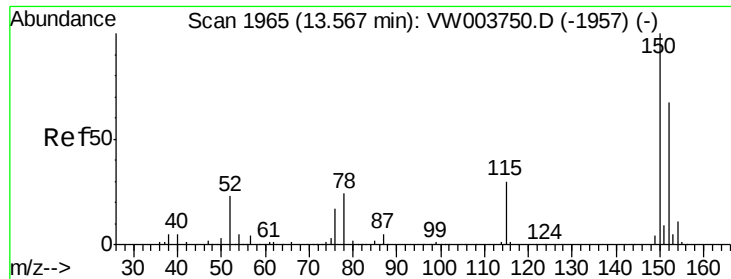


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-18RE

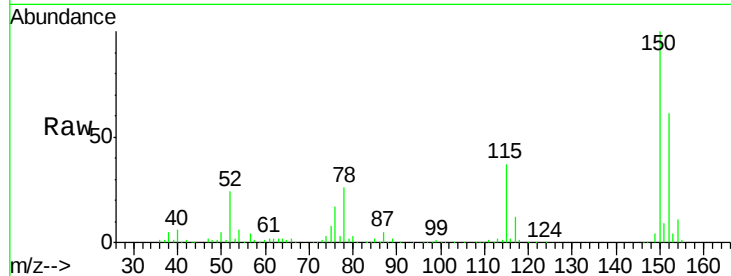
Tot Ion:152 Resp: 70182

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

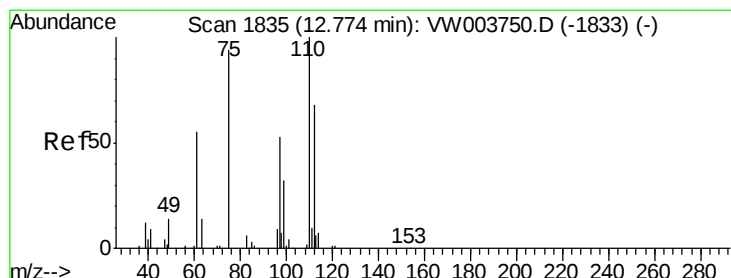
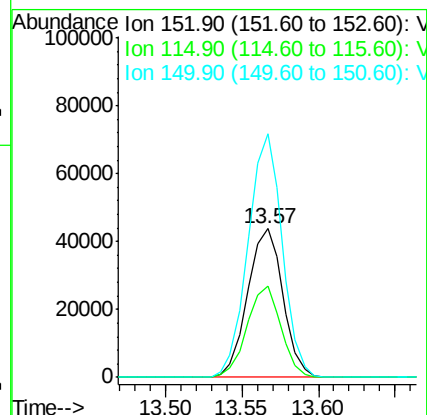
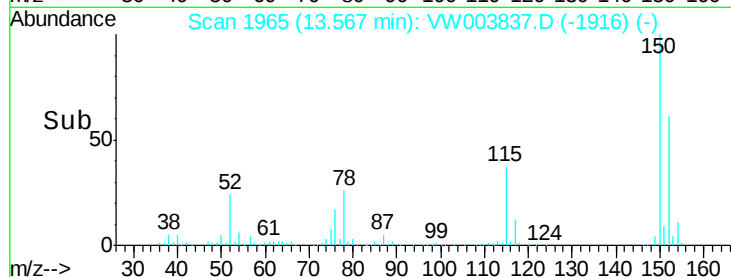
150 158.3 0.0 342.4



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



#76

1,2,3-Trichloropropane

Concen: 36.117 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003837.D

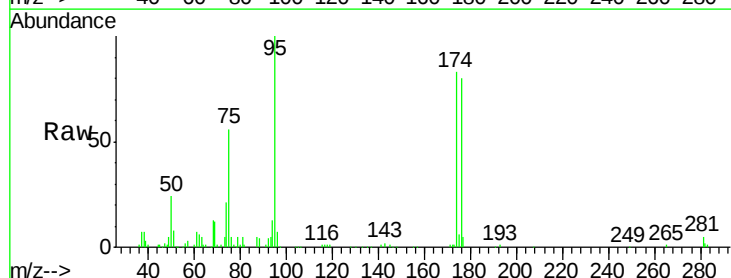
Acq: 10 Jul 2018 20:26

Tgt Ion: 75 Resp: 24891

Ion Ratio Lower Upper

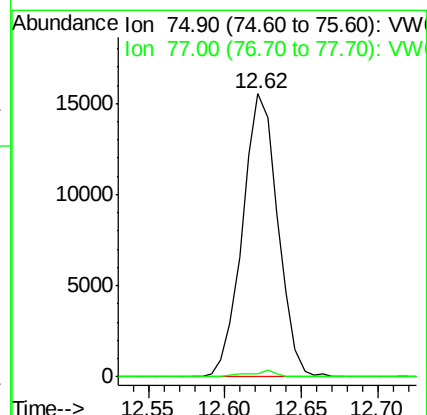
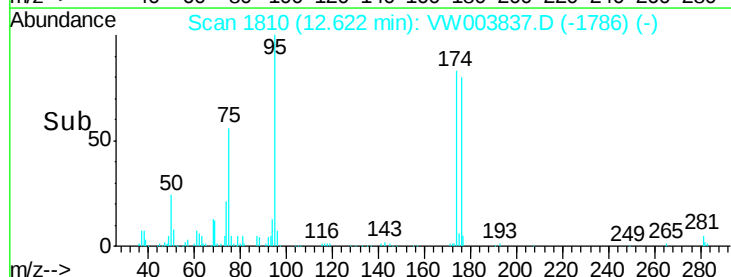
75 100

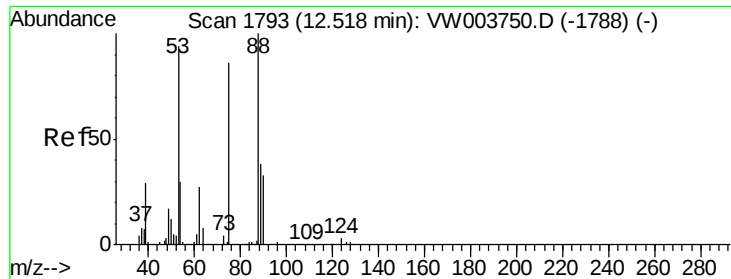
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 88.351 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003837.D

Acq: 10 Jul 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-18RE

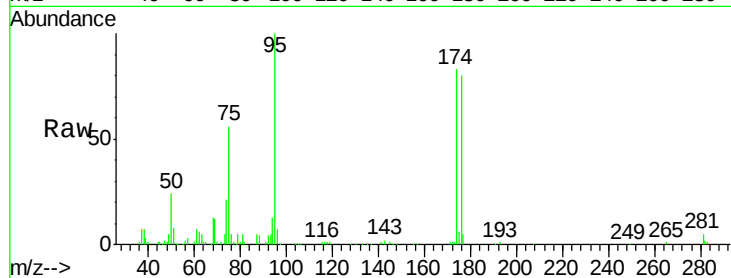
Tot Ion: 75 Resp: 24891

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

89 0.1 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

