

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003833.D
 Acq On : 10 Jul 2018 18:42
 Operator : SY/AP
 Sample : J3879-02RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1RE

Quant Time: Jul 11 04:44:31 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	128638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	205037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37706	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	65923	39.19	ug/l	0.00
Spiked Amount			Recovery	=	78.38%	
35) Dibromofluoromethane	7.88	113	59305	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	
50) Toluene-d8	10.33	98	164681	30.00	ug/l	0.00
Spiked Amount			Recovery	=	60.00%	
62) 4-Bromofluorobenzene	12.62	95	37254	18.76	ug/l	0.00
Spiked Amount			Recovery	=	37.52%	

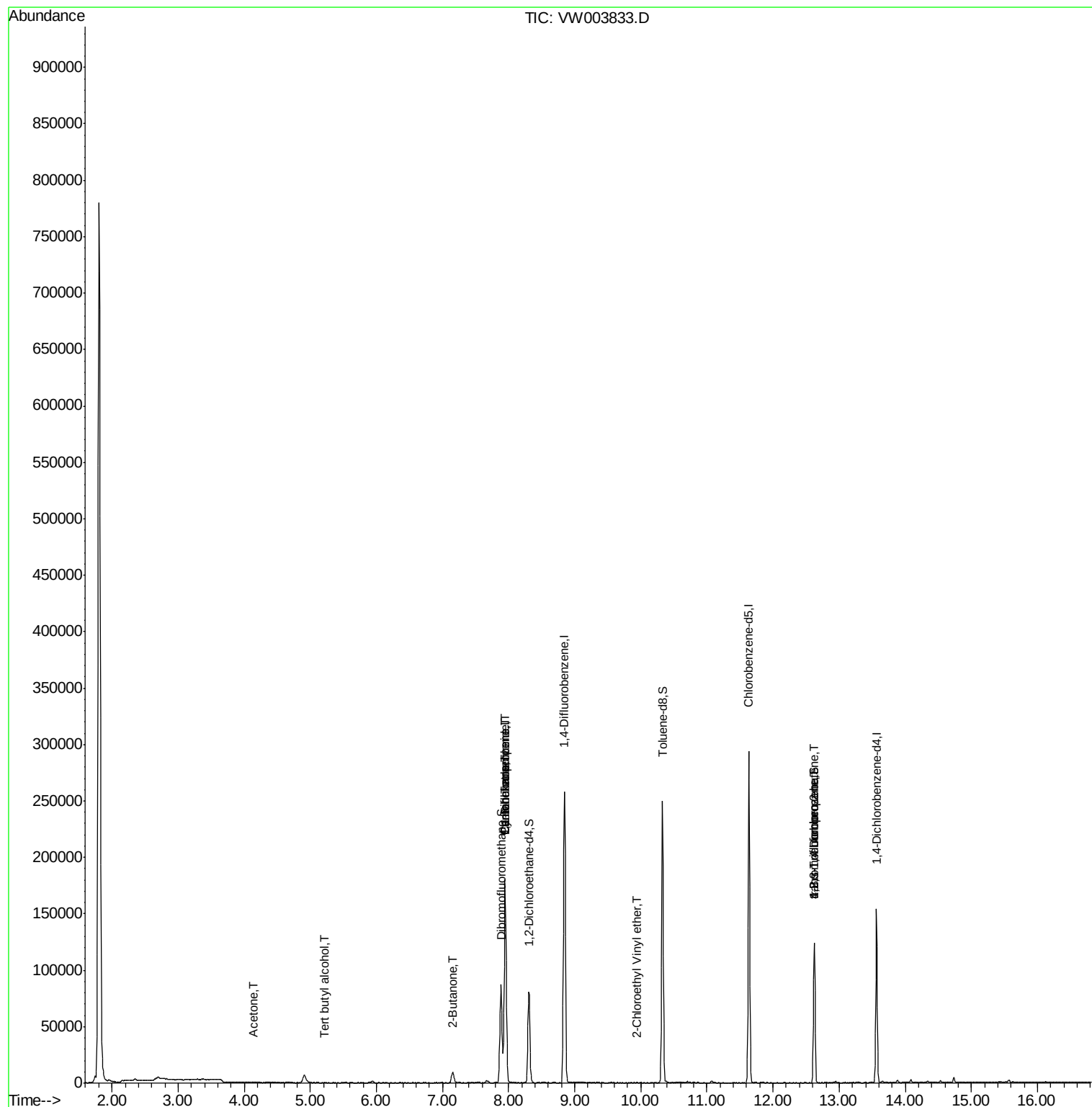
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	107	1.174	ug/l #	70
16) Acetone	4.14	43	866	2.967	ug/l #	86
20) Methylene Chloride	4.91	84	5489	Below Cal		89
25) 2-Butanone	7.15	43	803	1.757	ug/l #	51
31) Cyclohexane	7.95	56	3402	1.386	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10991	5.052	ug/l #	51
38) Carbon Tetrachloride	7.95	117	13040	6.304	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	53	13.234	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	19868	53.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19868	131.262	ug/l #	8

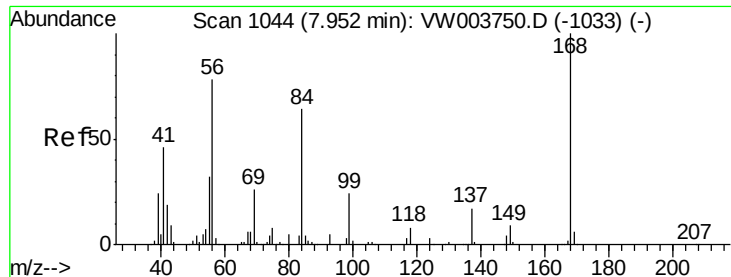
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
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: VW003833.D

Acq: 10 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

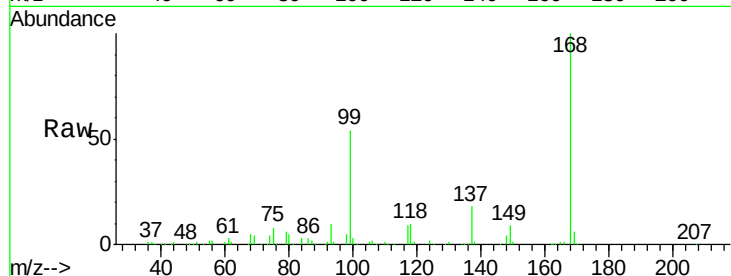
SURCHARGE-SP-1RE

Tot Ion:168 Resp: 128638

Ion Ratio Lower Upper

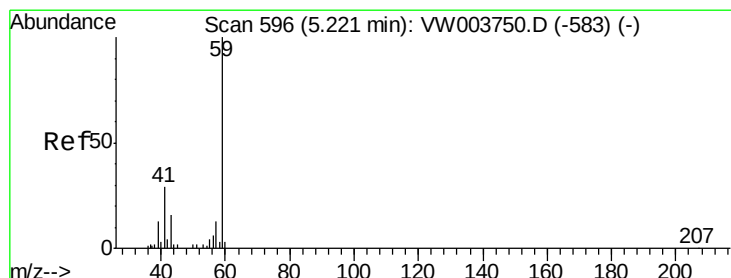
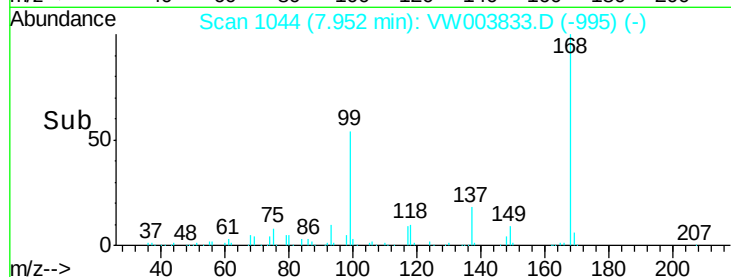
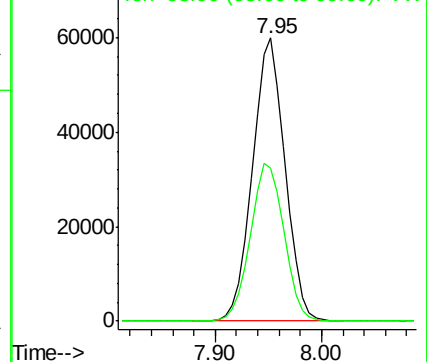
168 100

99 54.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.174 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003833.D

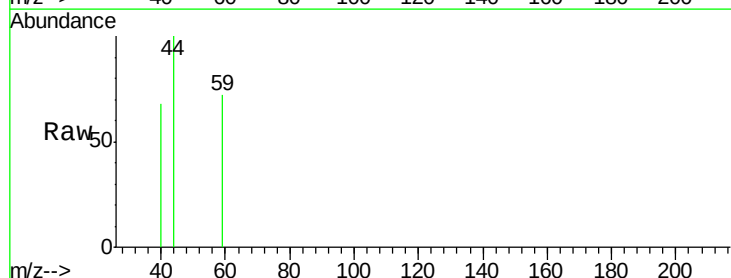
Acq: 10 Jul 2018 18:42

Tgt Ion: 59 Resp: 107

Ion Ratio Lower Upper

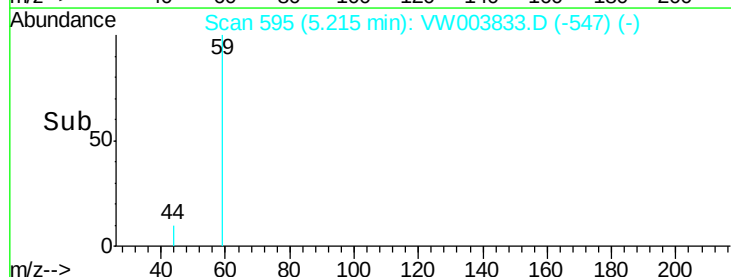
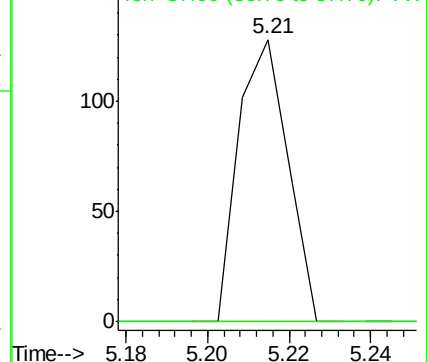
59 100

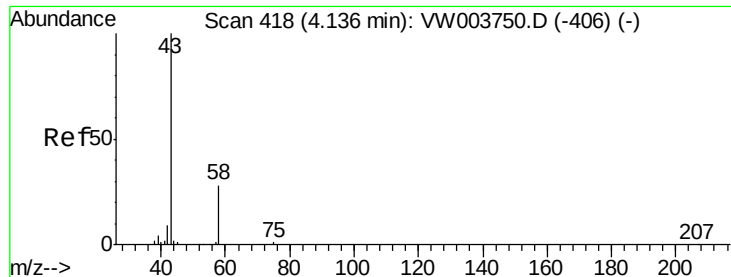
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 2.967 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003833.D

Acq: 10 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

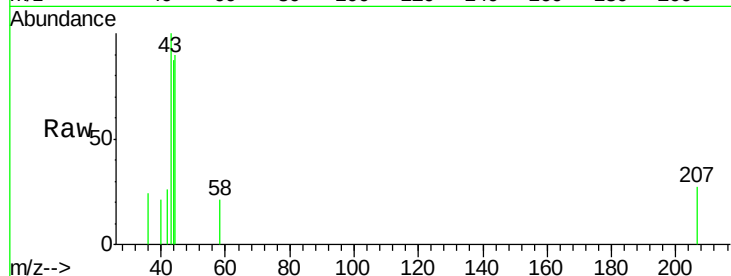
SURCHARGE-SP-1RE

Tot Ion: 43 Resp: 866

Ion Ratio Lower Upper

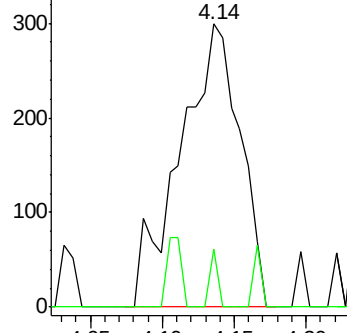
43 100

58 20.7 22.6 34.0#

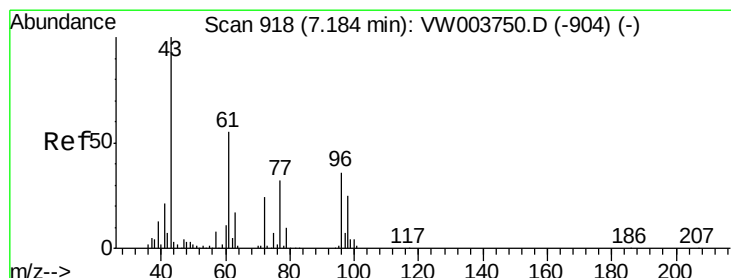
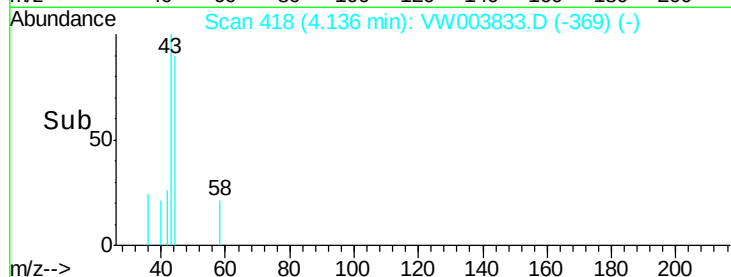


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#25

2-Butanone

Concen: 1.757 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003833.D

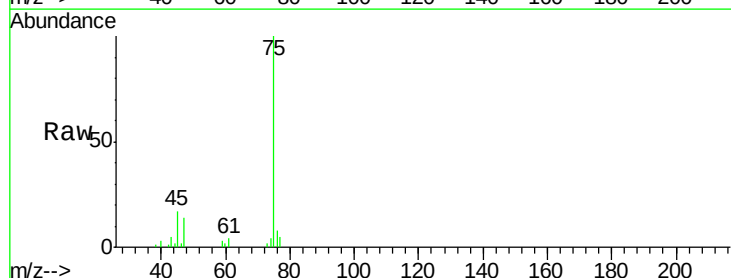
Acq: 10 Jul 2018 18:42

Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

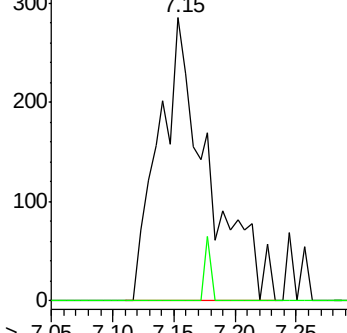
43 100

72 0.0 19.4 29.2#

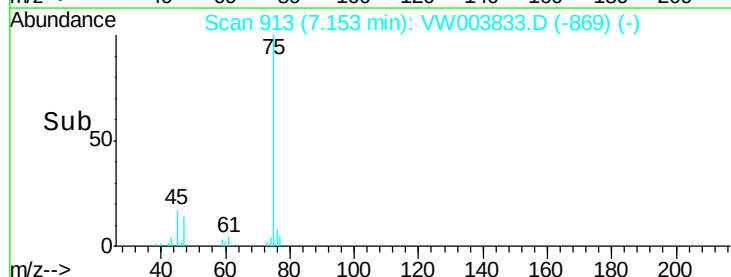


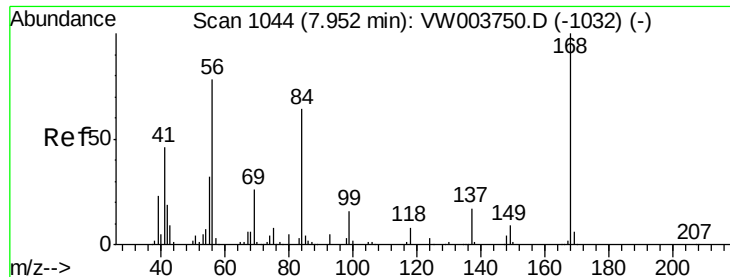
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->

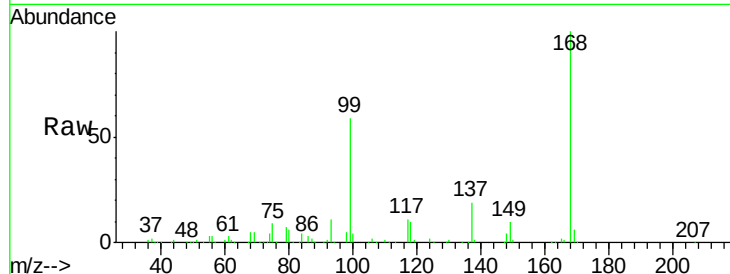




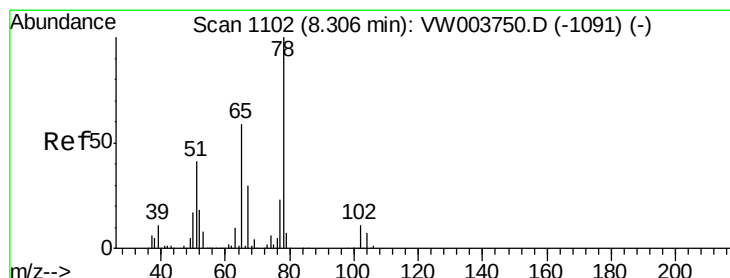
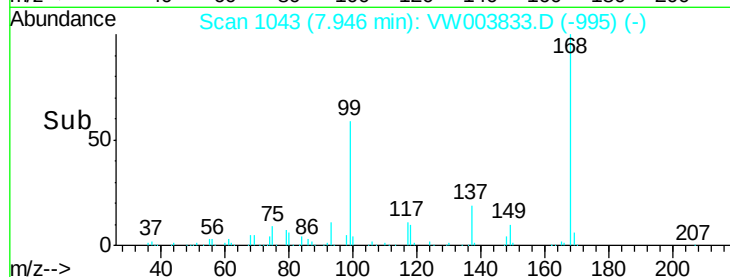
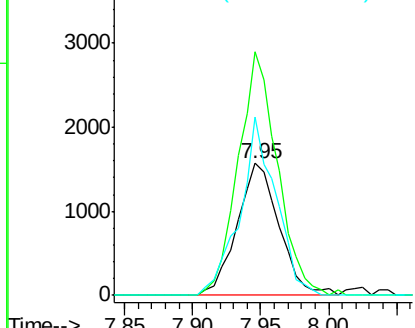
#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003833.D
Acq: 10 Jul 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-1RE

Tot Ion: 56 Resp: 3402
Ion Ratio Lower Upper
56 100
69 184.9 26.2 39.4#
84 135.9 65.5 98.3#

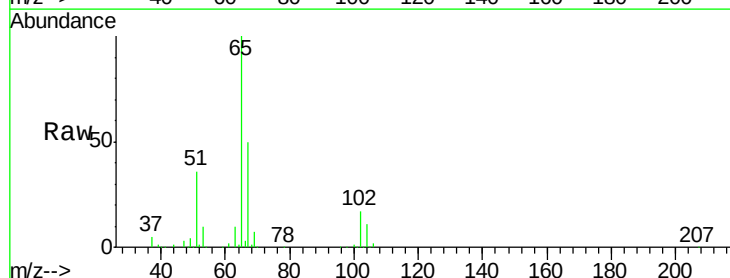


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

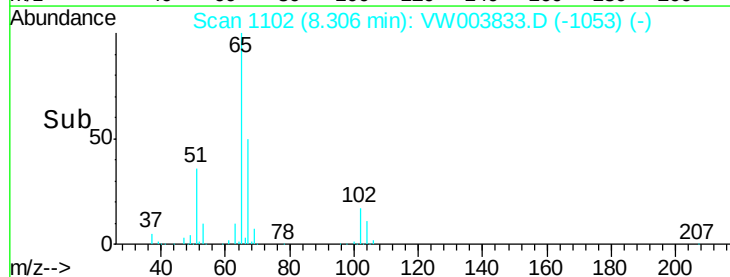
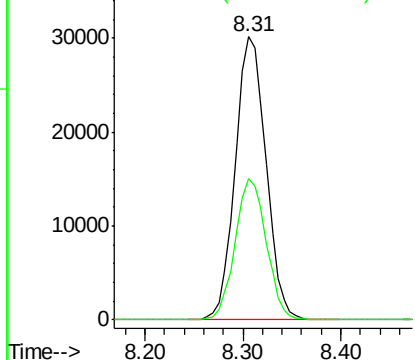


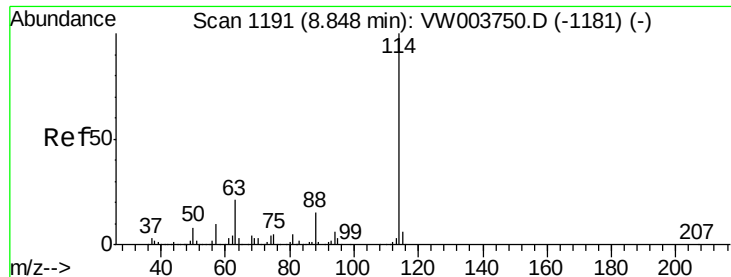
#33
1,2-Dichloroethane-d4
Concen: 39.188 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003833.D
Acq: 10 Jul 2018 18:42

Tgt Ion: 65 Resp: 65923
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8



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: VW003833.D

Acq: 10 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-1RE

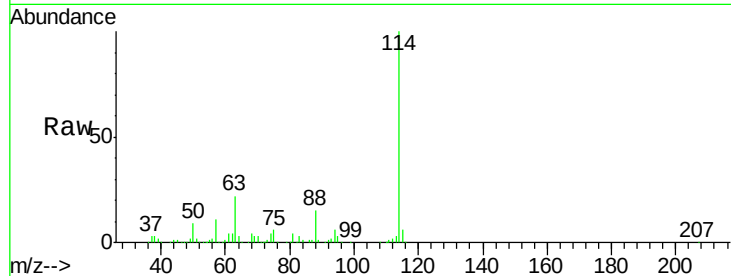
Tot Ion:114 Resp: 205037

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

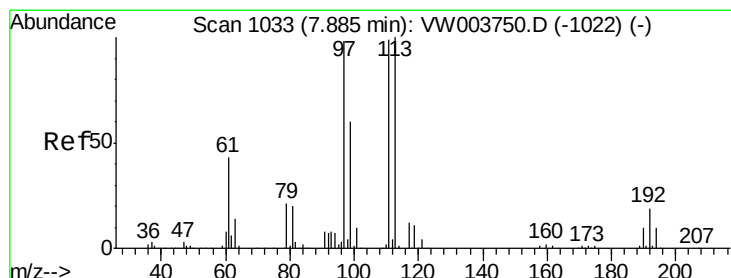
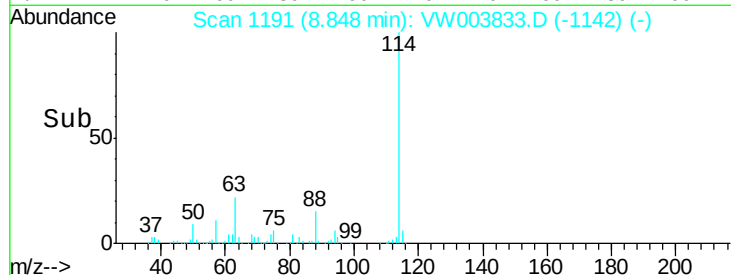
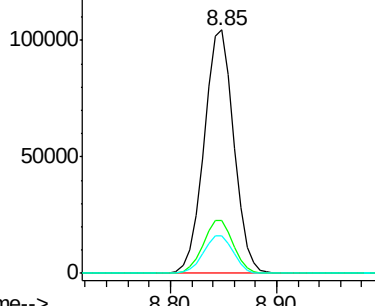
88 15.2 0.0 30.2



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: 41.327 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003833.D

Acq: 10 Jul 2018 18:42

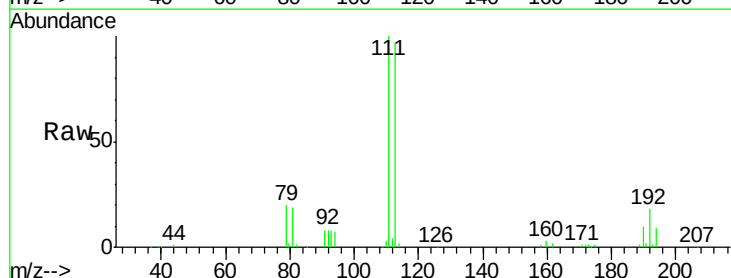
Tgt Ion:113 Resp: 59305

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

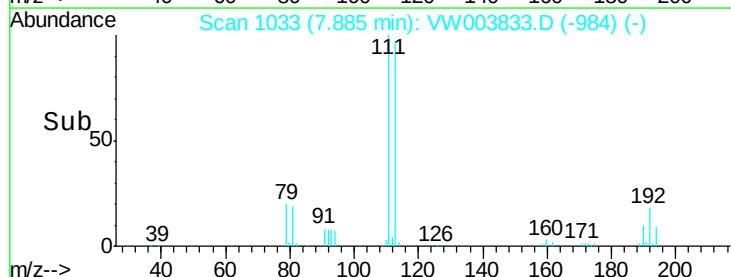
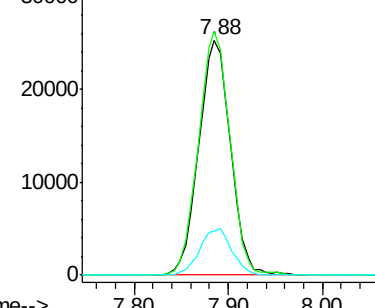
192 20.1 15.8 23.8

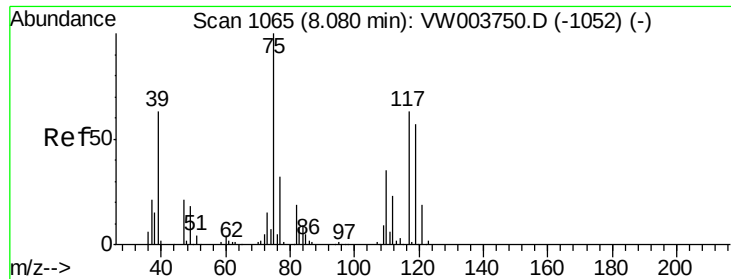


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

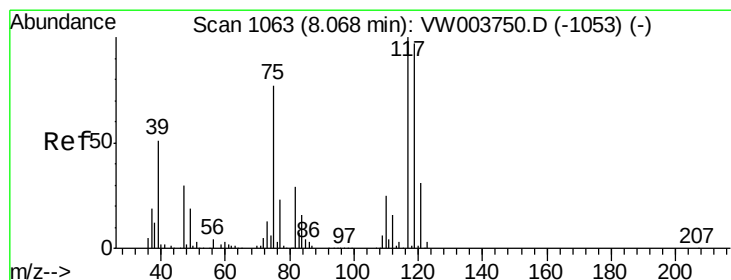
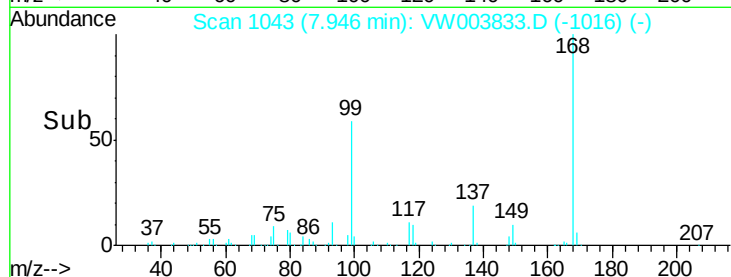
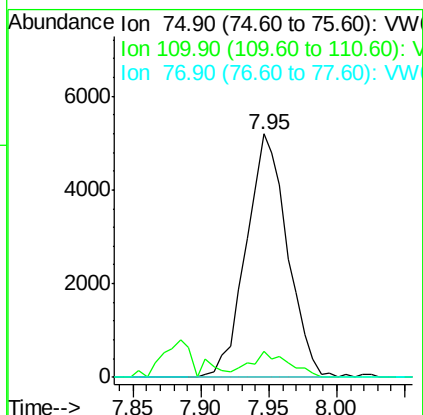
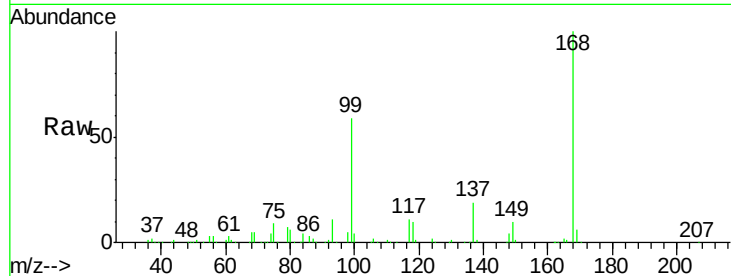




#36
 1,1-Dichloropropene
 Concen: 5.052 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003833.D
 Acq: 10 Jul 2018 18:42

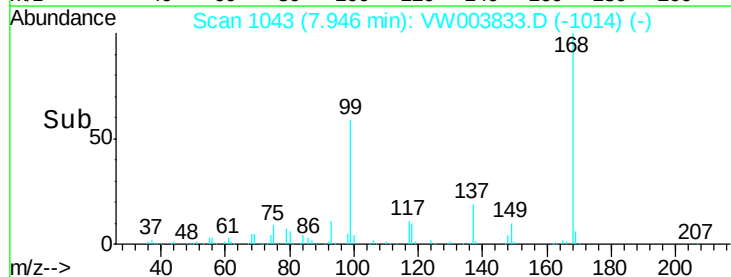
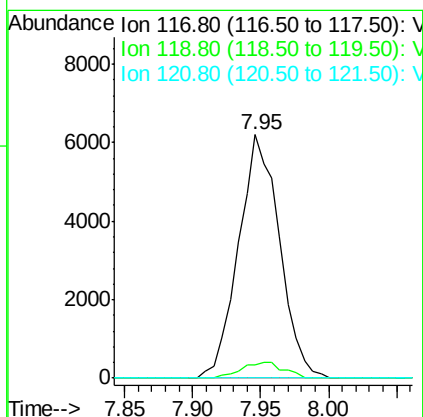
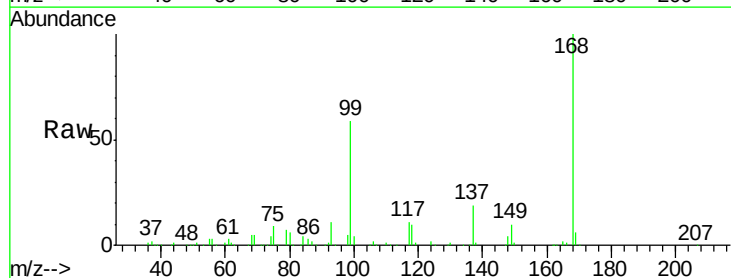
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1RE

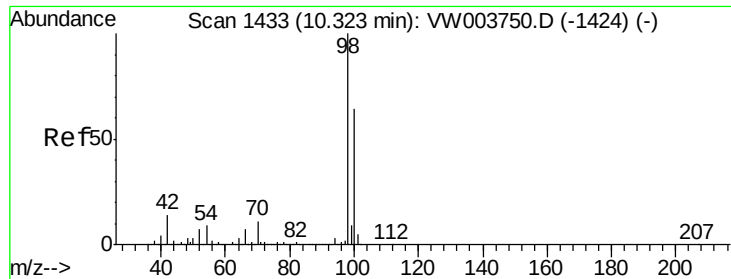
Tot Ion: 75 Resp: 10991
 Ion Ratio Lower Upper
 75 100
 110 9.8 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.304 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003833.D
 Acq: 10 Jul 2018 18:42

Tgt Ion: 117 Resp: 13040
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.4 116.2#
 121 0.0 24.6 37.0#

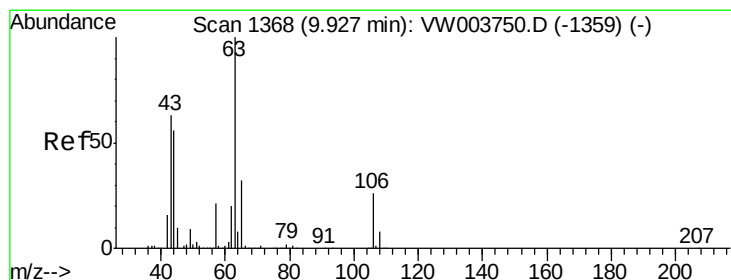
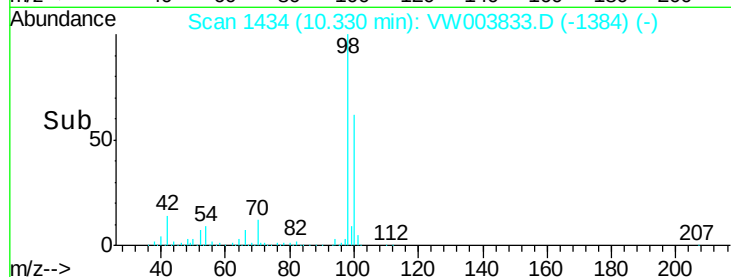
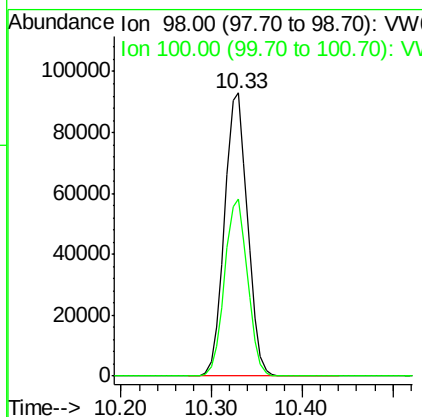
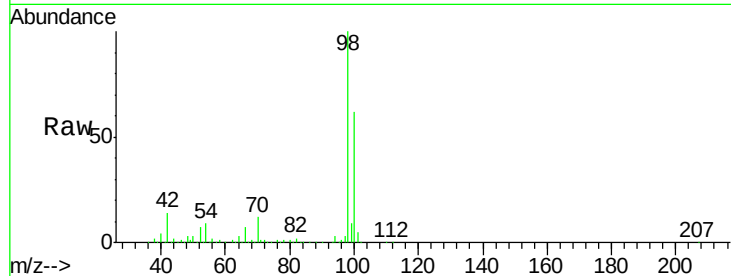




#50
Toluene-d8
Concen: 30.000 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003833.D
Acq: 10 Jul 2018 18:42

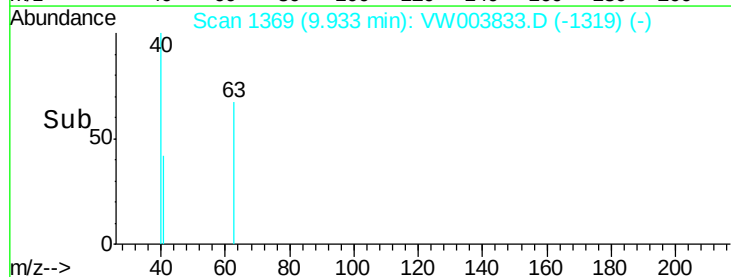
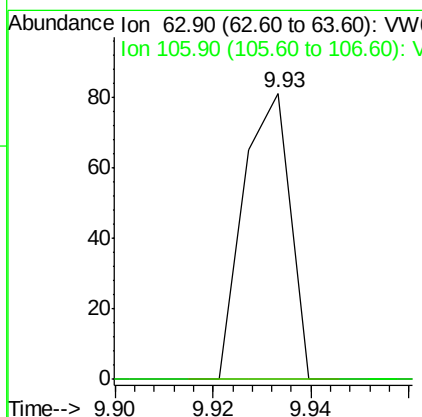
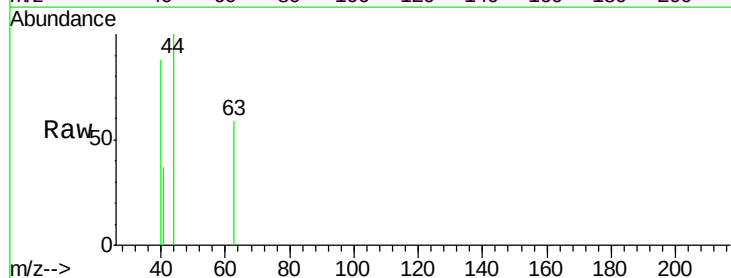
Instrument :
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SURCHARGE-SP-1RE

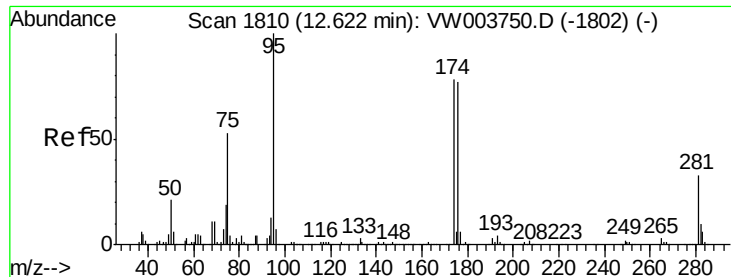
Tot Ion: 98 Resp: 164681
Ion Ratio Lower Upper
98 100
100 62.0 50.8 76.2



#58
2-Chloroethyl Vinyl ether
Concen: 13.234 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VW003833.D
Acq: 10 Jul 2018 18:42

Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#





#62

4-Bromofluorobenzene

Concen: 18.757 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003833.D

Acq: 10 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-1RE

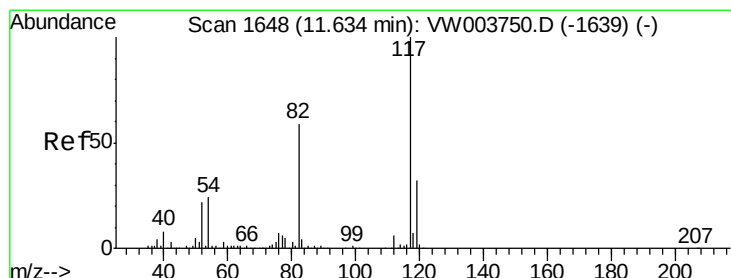
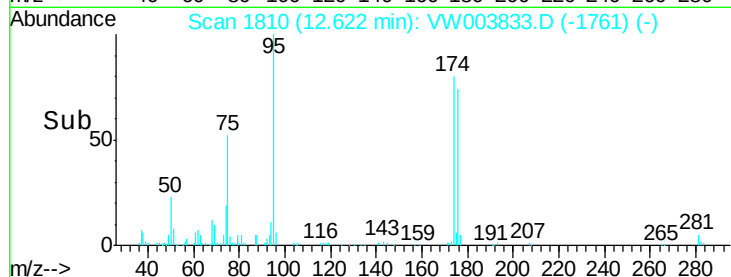
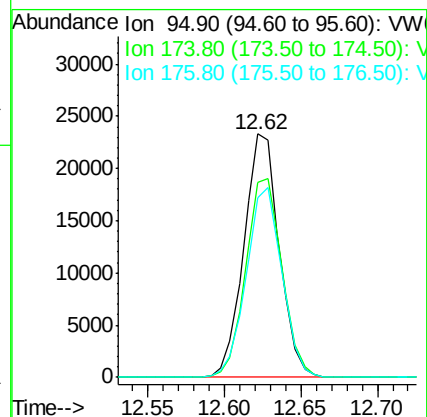
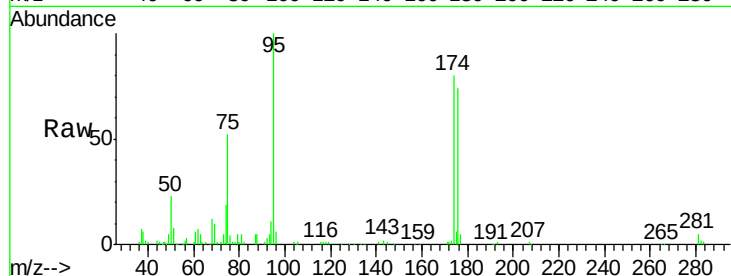
Tot Ion: 95 Resp: 37254

Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.4

176 78.9 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003833.D

Acq: 10 Jul 2018 18:42

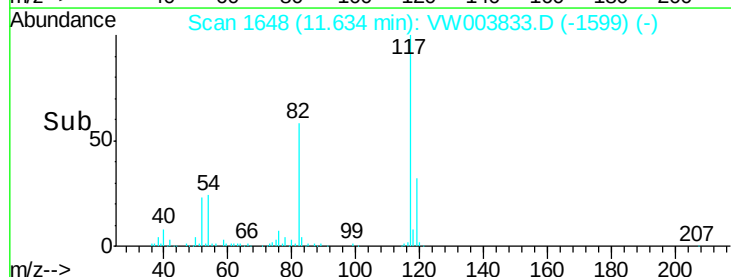
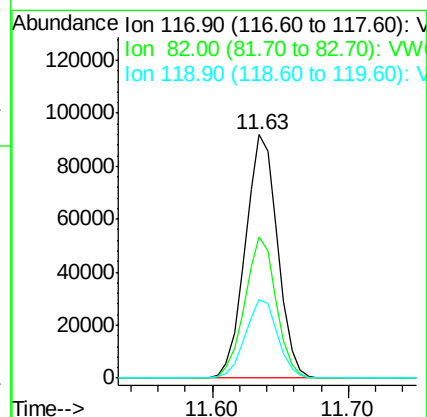
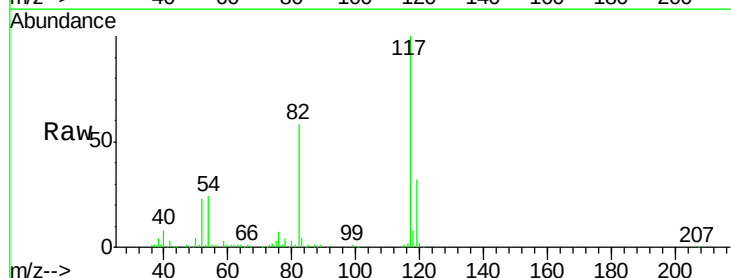
Tgt Ion: 117 Resp: 152276

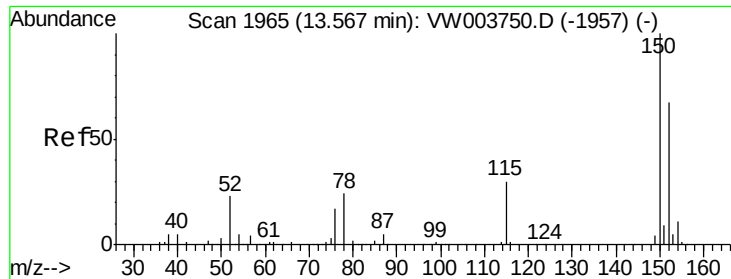
Ion Ratio Lower Upper

117 100

82 57.8 46.9 70.3

119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003833.D

Acq: 10 Jul 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-1RE

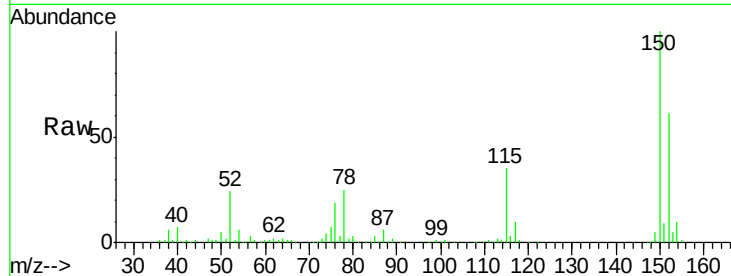
Tot Ion:152 Resp: 37706

Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.8

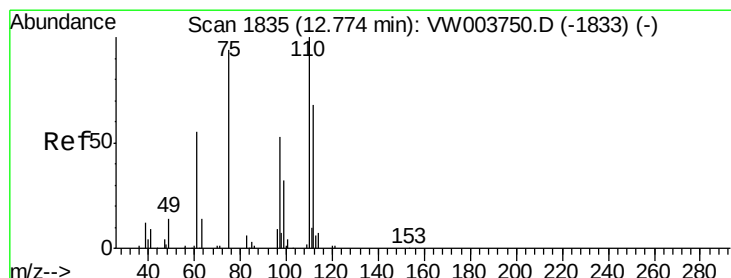
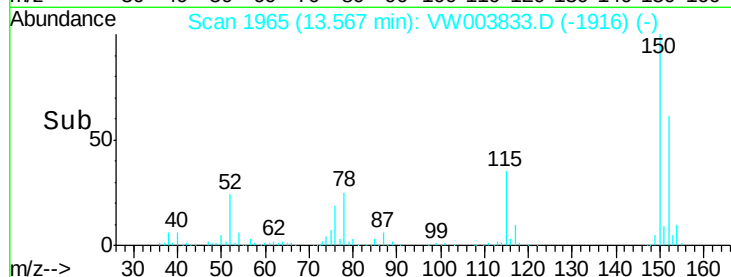
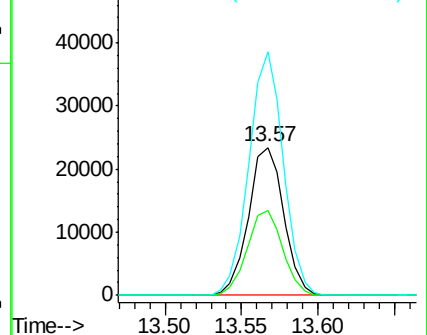
150 159.7 0.0 342.4



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: 53.659 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003833.D

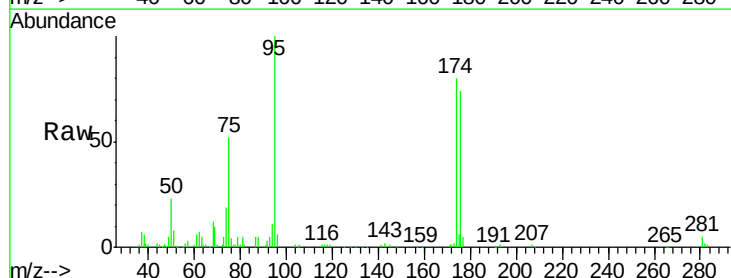
Acq: 10 Jul 2018 18:42

Tgt Ion: 75 Resp: 19868

Ion Ratio Lower Upper

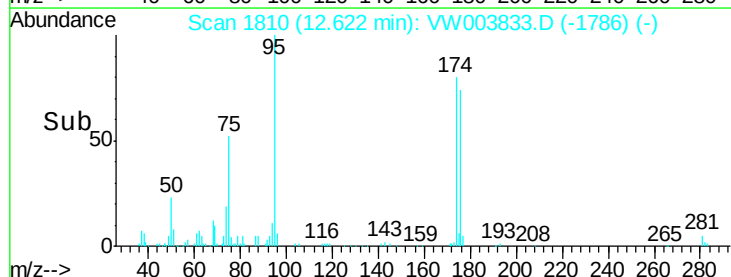
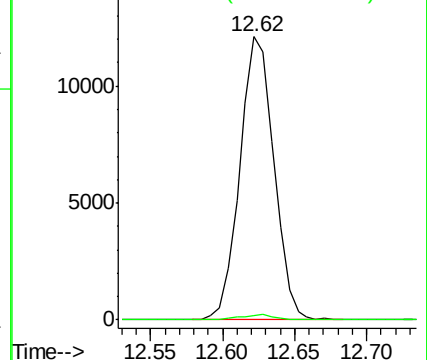
75 100

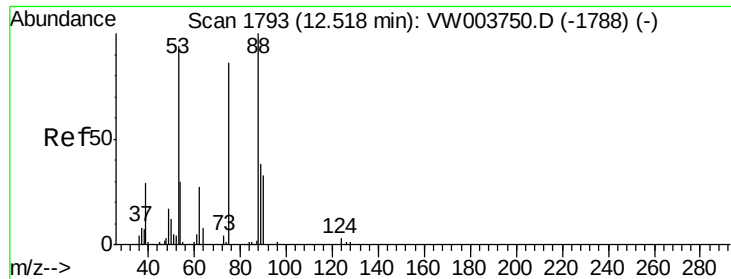
77 1.6 0.0 0.0#



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: 131.262 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003833.D
 Acq: 10 Jul 2018 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1RE

Tot Ion: 75 Resp: 19868
 Ion Ratio Lower Upper
 75 100
 53 0.4 85.0 127.6#
 89 0.0 36.3 54.5#

