

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003838.D
 Acq On : 10 Jul 2018 20:51
 Operator : SY/AP
 Sample : J3880-18RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-19RE

Quant Time: Jul 11 04:45:11 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	122402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	205538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64417	40.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.48%	
35) Dibromofluoromethane	7.88	113	57018	39.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.28%	
50) Toluene-d8	10.33	98	161300	29.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.62%	
62) 4-Bromofluorobenzene	12.62	95	44051	22.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.26%	

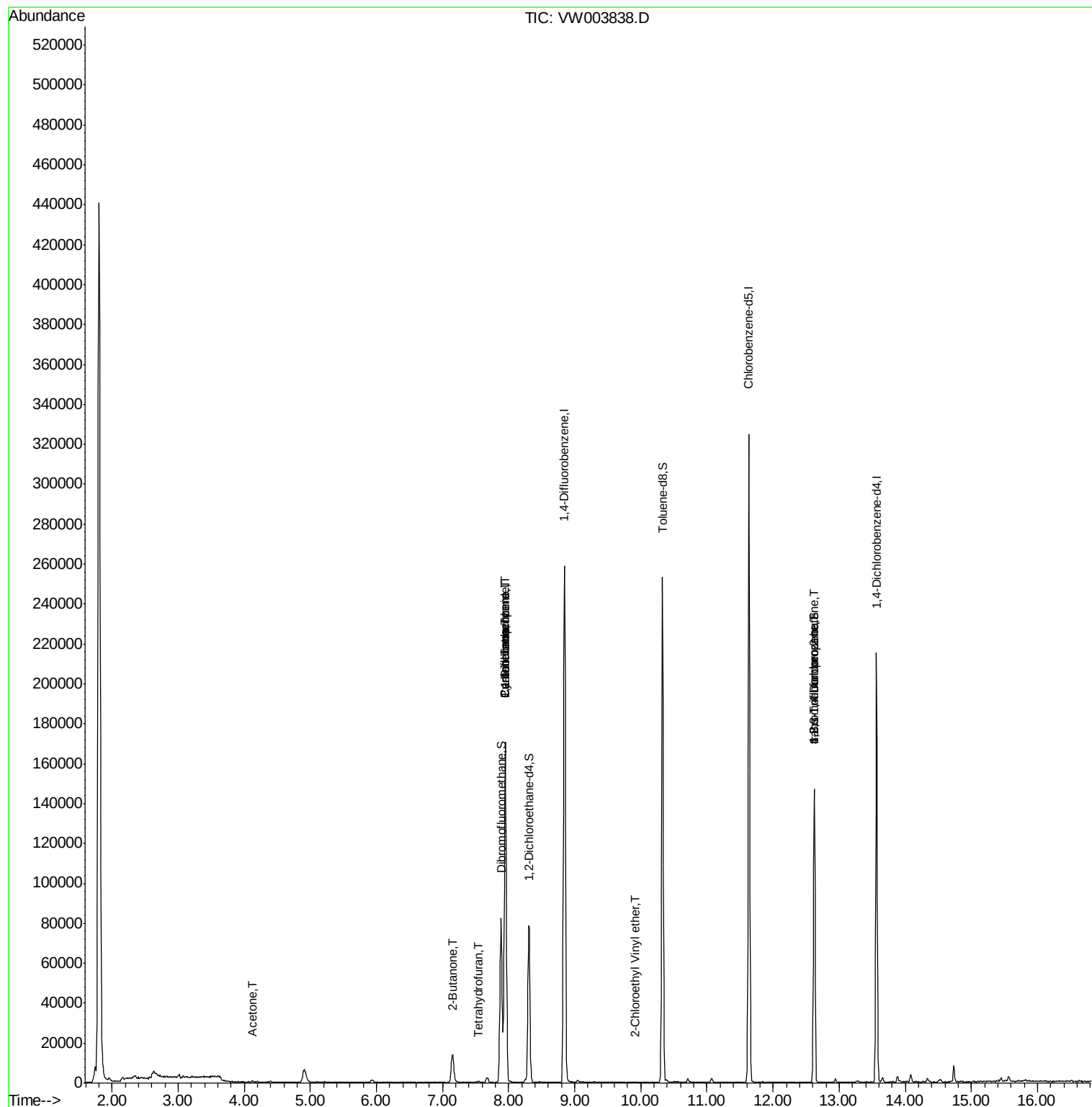
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	915	3.295	ug/l	92
20) Methylene Chloride	4.90	84	5359	Below Cal		94
25) 2-Butanone	7.15	43	916	2.106	ug/l #	51
29) Tetrahydrofuran	7.54	42	426	1.524	ug/l #	40
31) Cyclohexane	7.95	56	3232	1.384	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	10421	4.778	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12955	6.248	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.92	63	41	13.219	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	23819	46.124	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23819	112.830	ug/l #	8

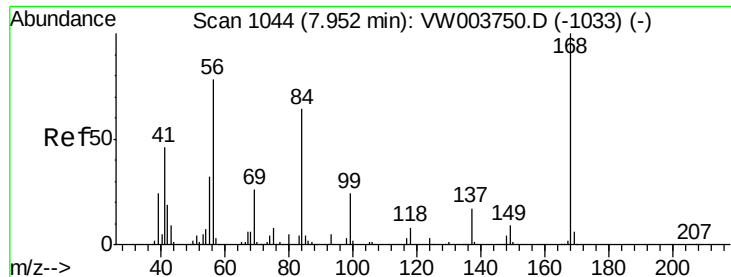
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003838.D

Acq: 10 Jul 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

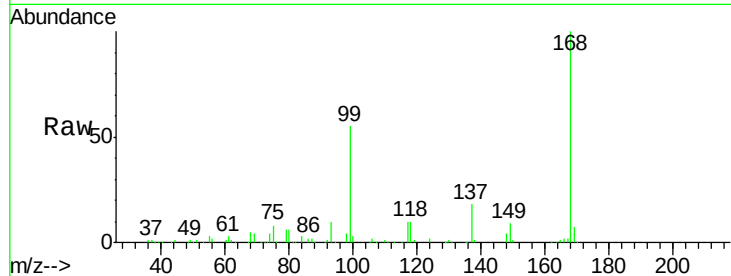
SURCHARGE-SP-19RE

Tot Ion:168 Resp: 122402

Ion Ratio Lower Upper

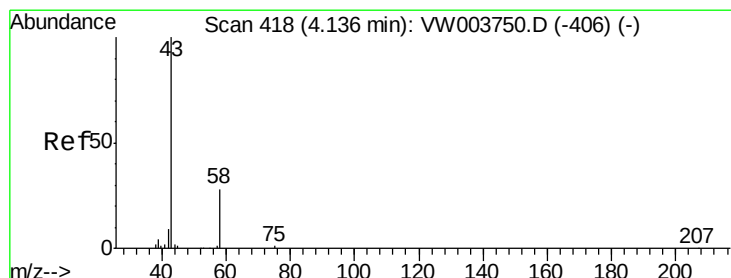
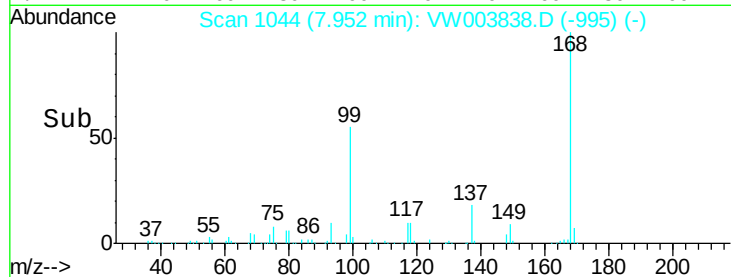
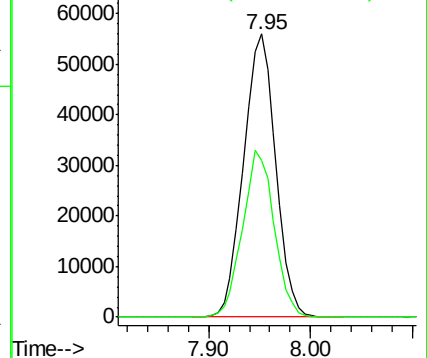
168 100

99 55.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.295 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003838.D

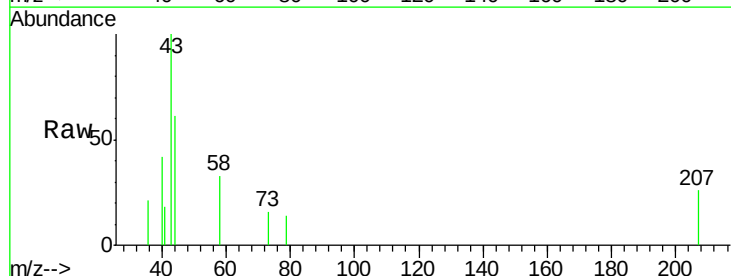
Acq: 10 Jul 2018 20:51

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

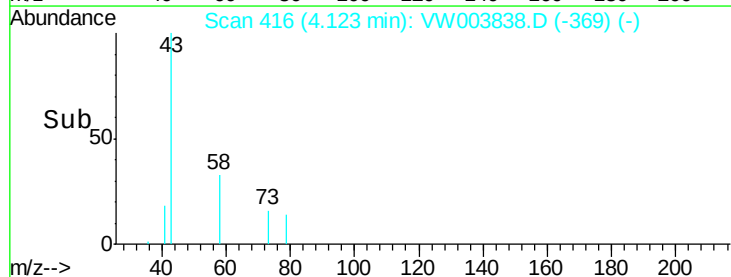
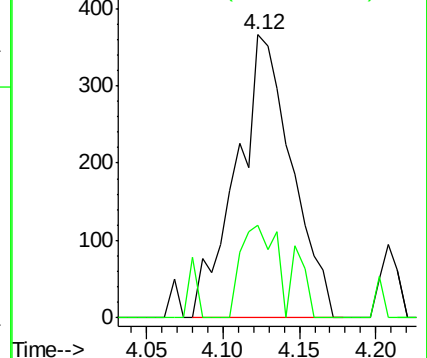
43 100

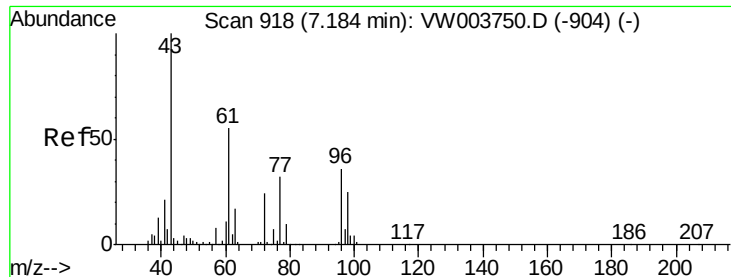
58 32.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 2.106 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003838.D

Acq: 10 Jul 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

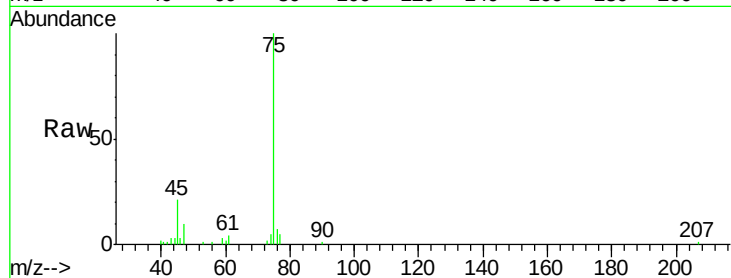
SURCHARGE-SP-19RE

Tot Ion: 43 Resp: 916

Ion Ratio Lower Upper

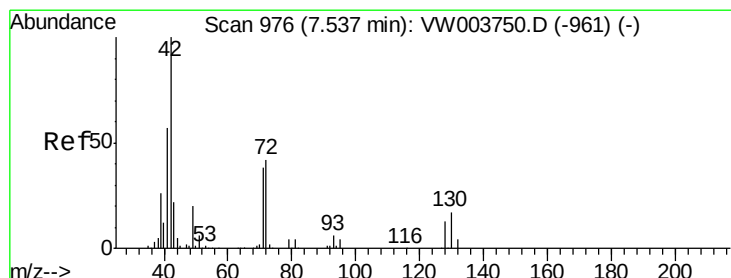
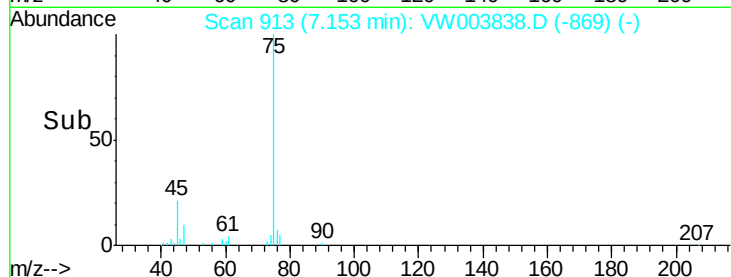
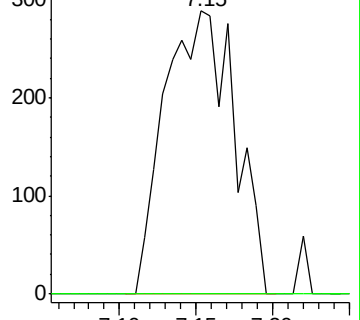
43 100

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



#29

Tetrahydrofuran

Concen: 1.524 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003838.D

Acq: 10 Jul 2018 20:51

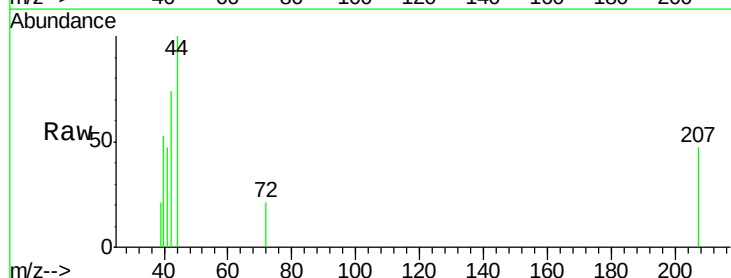
Tgt Ion: 42 Resp: 426

Ion Ratio Lower Upper

42 100

72 4.7 31.8 47.8#

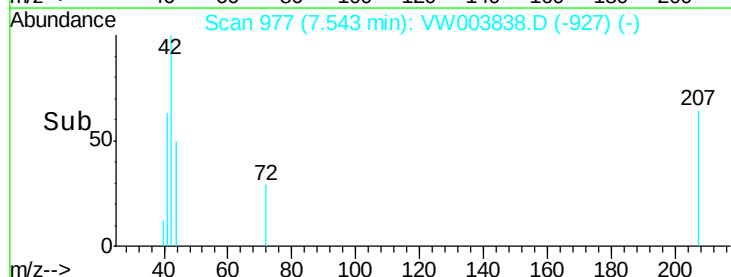
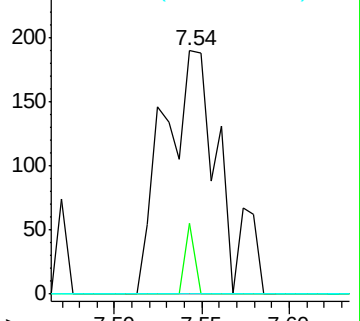
71 0.0 30.3 45.5#

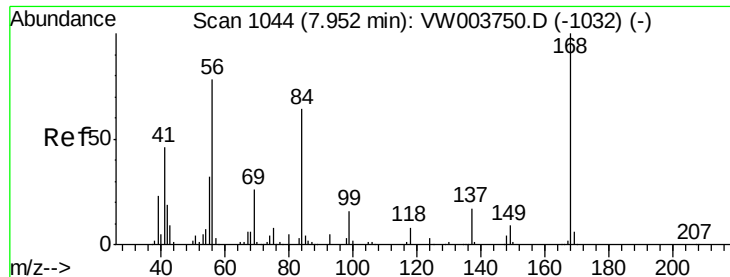


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

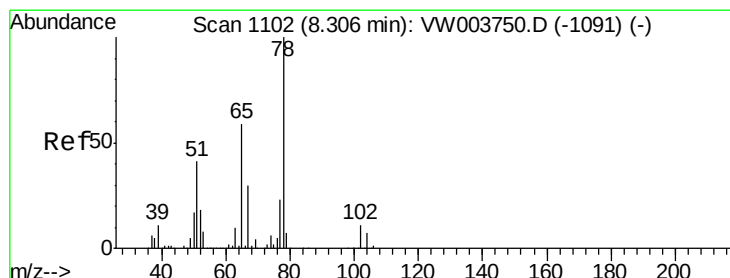
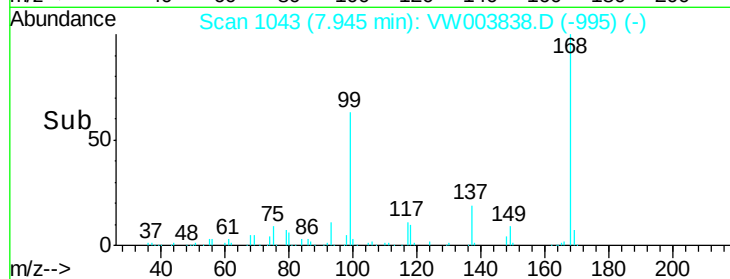
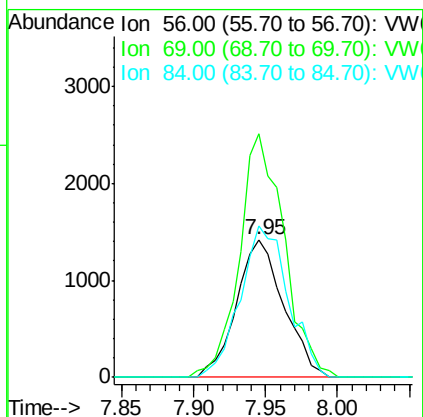
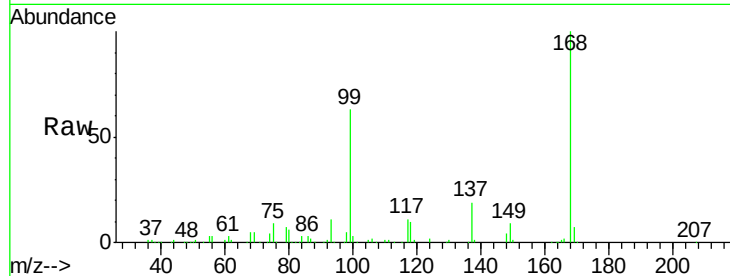




#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003838.D
Acq: 10 Jul 2018 20:51

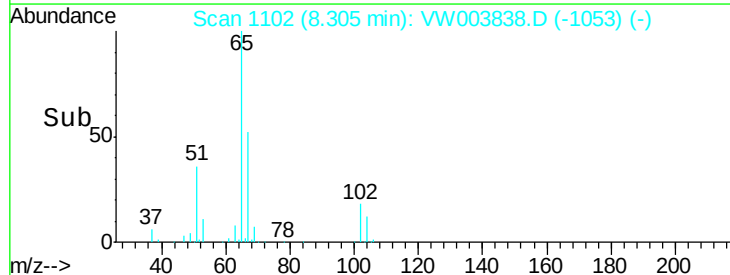
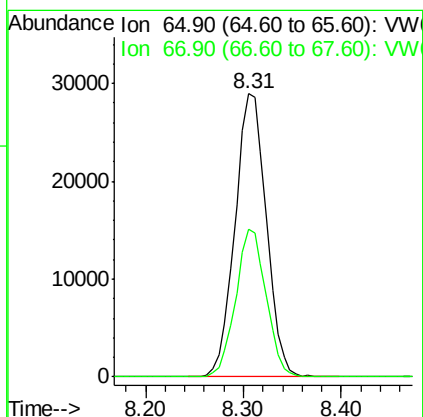
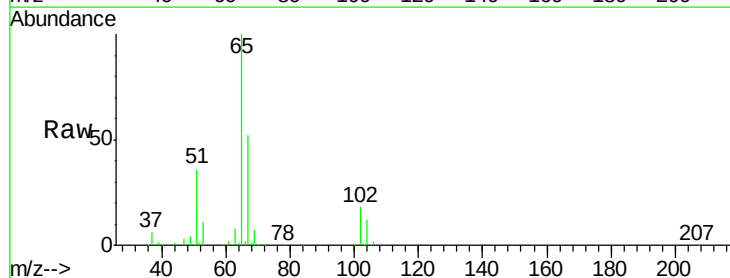
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-19RE

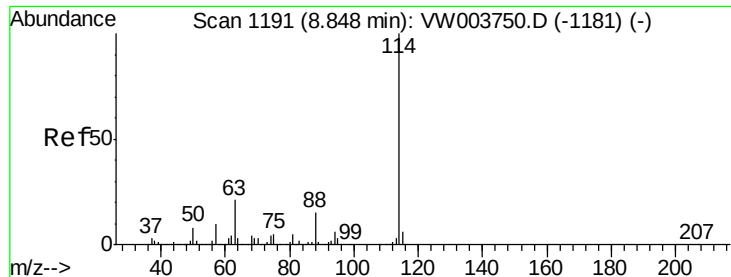
Tot Ion: 56 Resp: 3232
Ion Ratio Lower Upper
56 100
69 177.2 26.2 39.4#
84 110.4 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 40.244 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003838.D
Acq: 10 Jul 2018 20:51

Tgt Ion: 65 Resp: 64417
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8

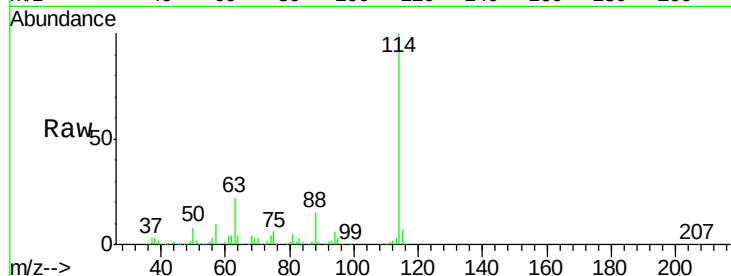




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003838.D
 Acq: 10 Jul 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-19RE

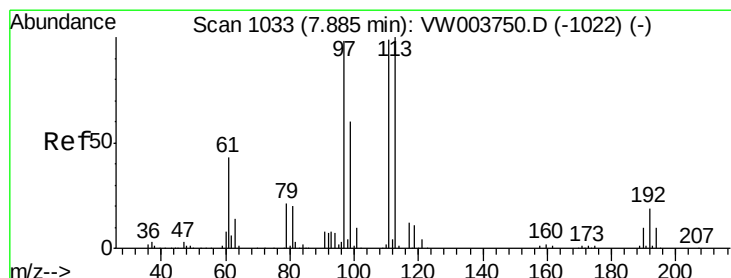
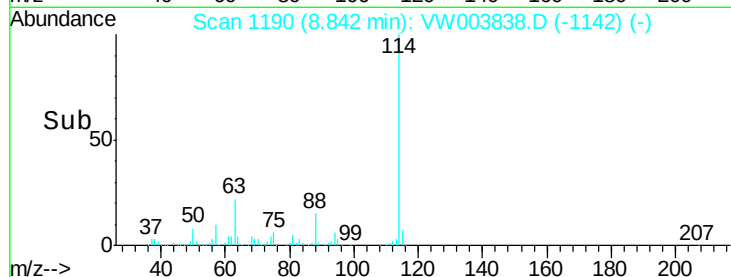
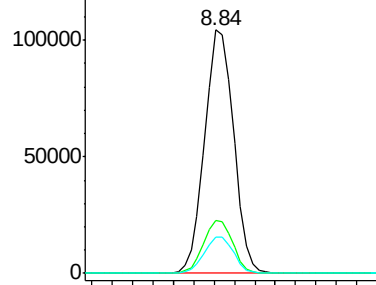
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	14.7	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

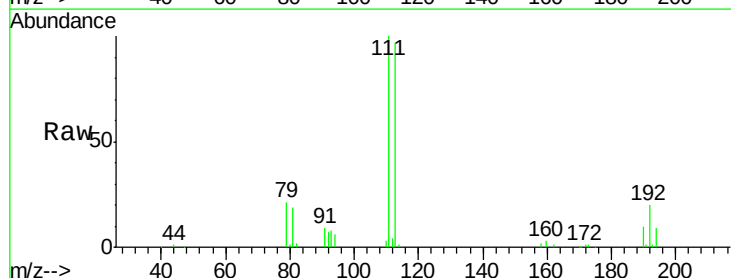
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 39.636 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003838.D
 Acq: 10 Jul 2018 20:51

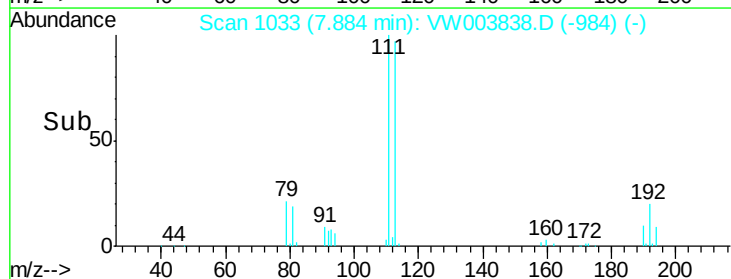
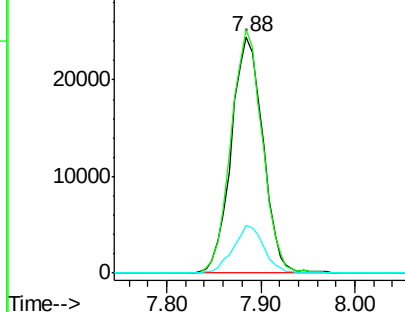
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	19.5	15.8	23.8

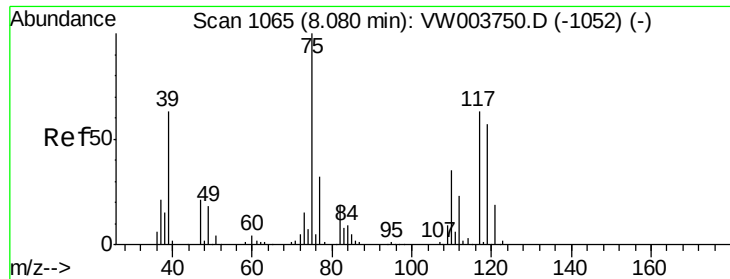


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

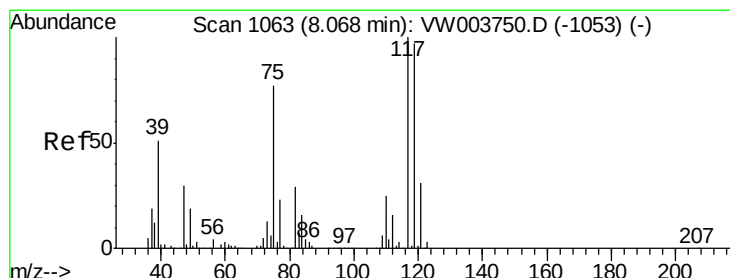
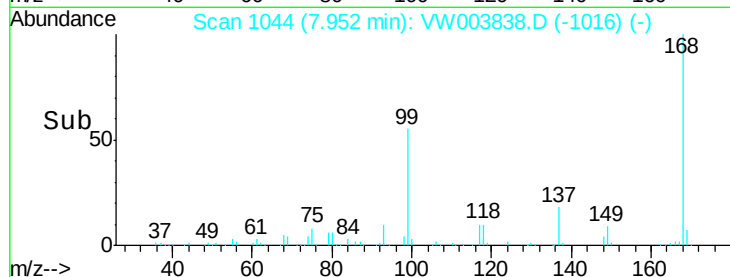
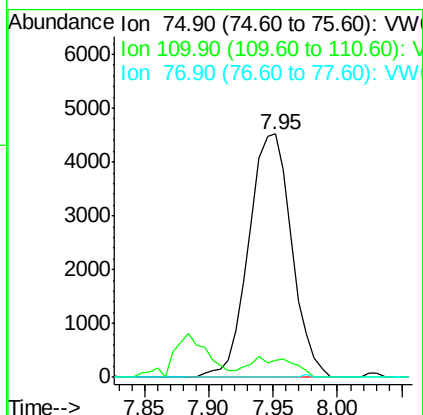
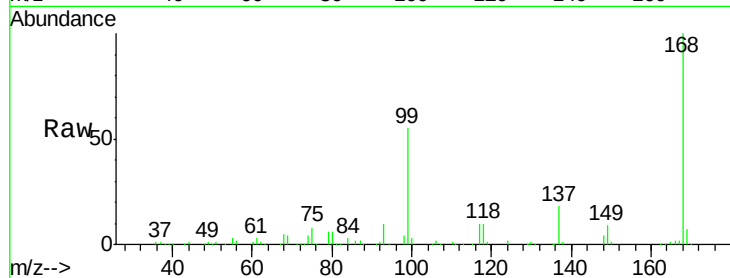




#36
 1,1-Dichloropropene
 Concen: 4.778 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003838.D
 Acq: 10 Jul 2018 20:51

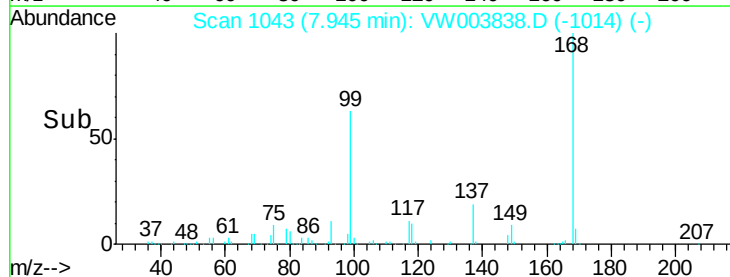
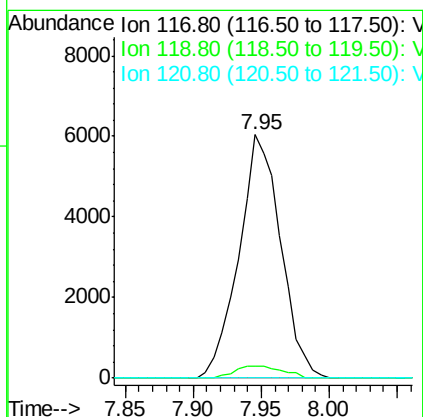
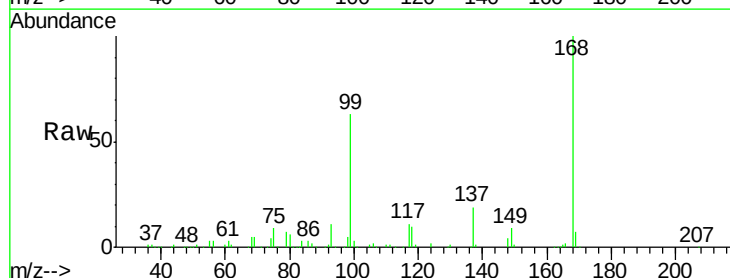
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 SURCHARGE-SP-19RE

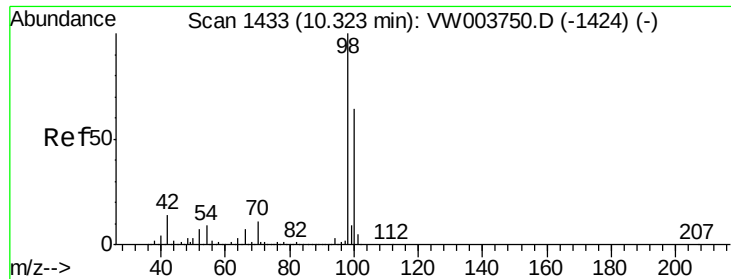
Tot Ion: 75 Resp: 10421
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.248 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003838.D
 Acq: 10 Jul 2018 20:51

Tgt Ion: 117 Resp: 12955
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.4 116.2#
 121 0.0 24.6 37.0#

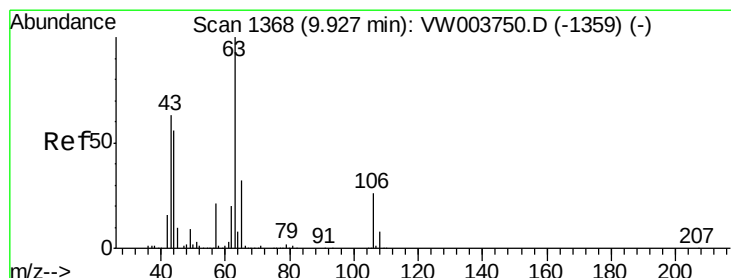
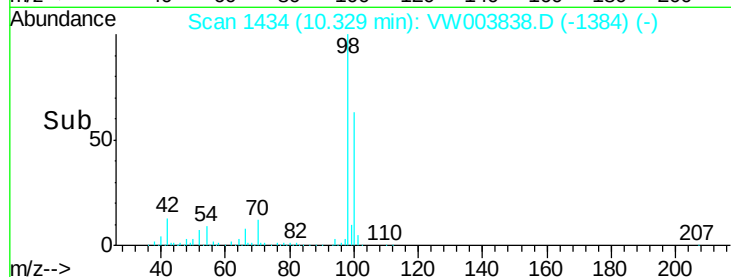
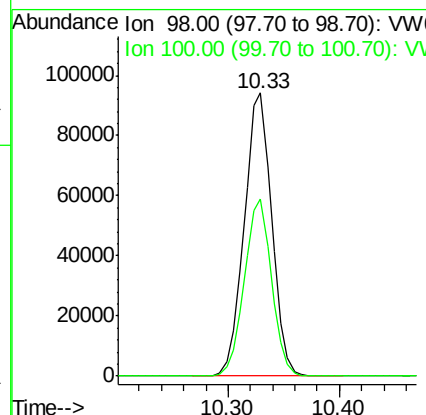
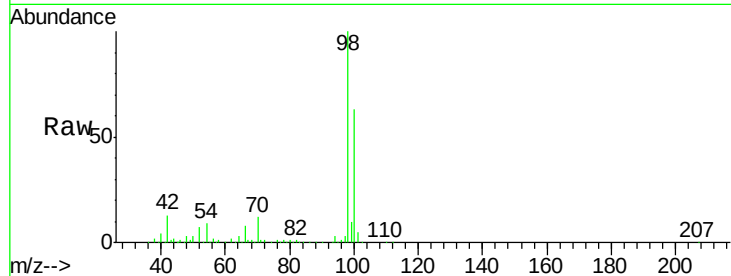




#50
Toluene-d8
Concen: 29.313 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003838.D
Acq: 10 Jul 2018 20:51

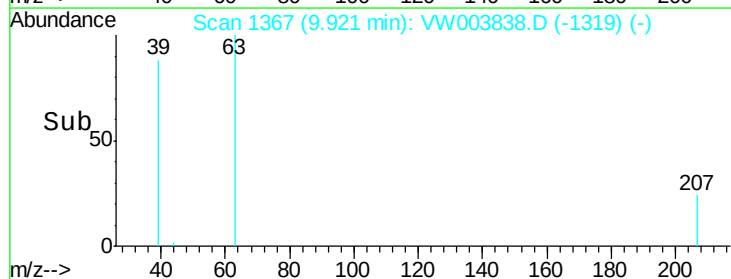
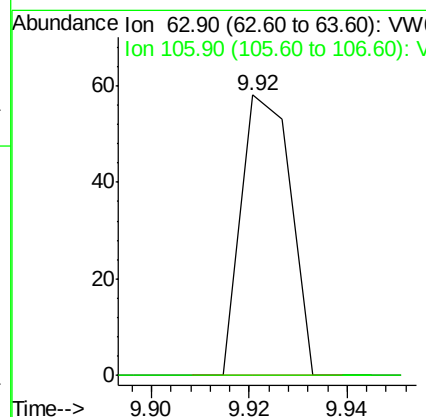
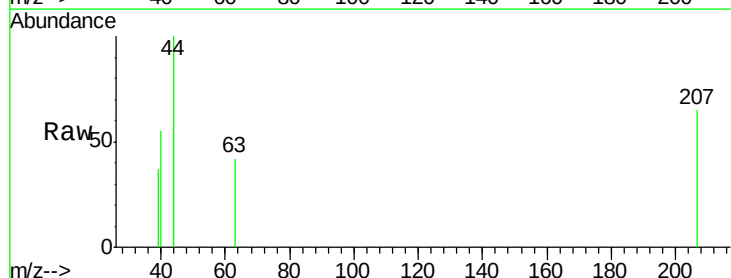
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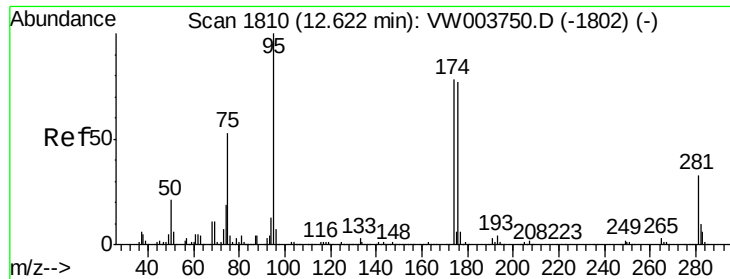
Tot Ion: 98 Resp: 161300
Ion Ratio Lower Upper
98 100
100 61.7 50.8 76.2



#58
2-Chloroethyl Vinyl ether
Concen: 13.219 ug/l
RT: 9.92 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VW003838.D
Acq: 10 Jul 2018 20:51

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#





#62

4-Bromofluorobenzene

Concen: 22.125 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003838.D

Acq: 10 Jul 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-19RE

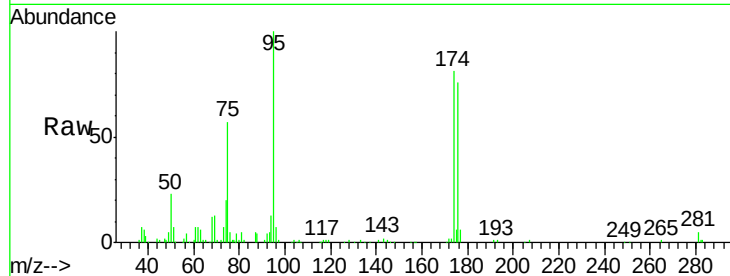
Tot Ion: 95 Resp: 44051

Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.4

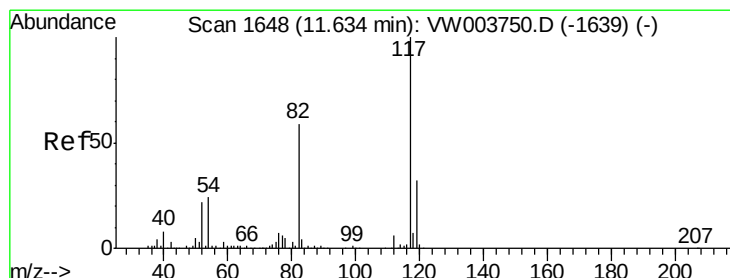
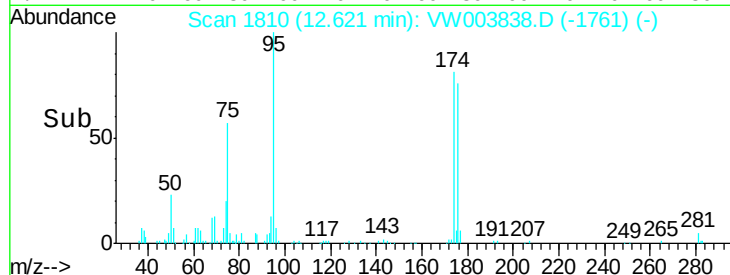
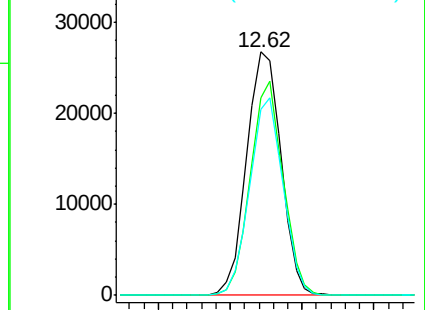
176 78.6 0.0 156.8



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: VW003838.D

Acq: 10 Jul 2018 20:51

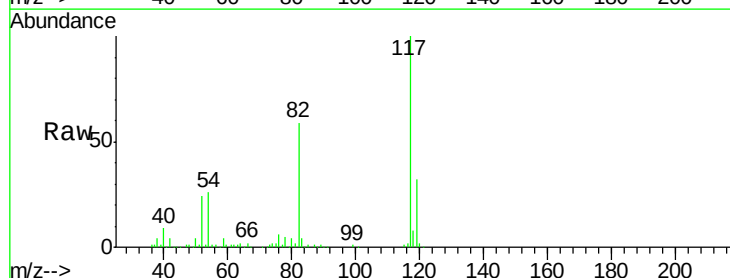
Tgt Ion: 117 Resp: 169620

Ion Ratio Lower Upper

117 100

82 58.5 46.9 70.3

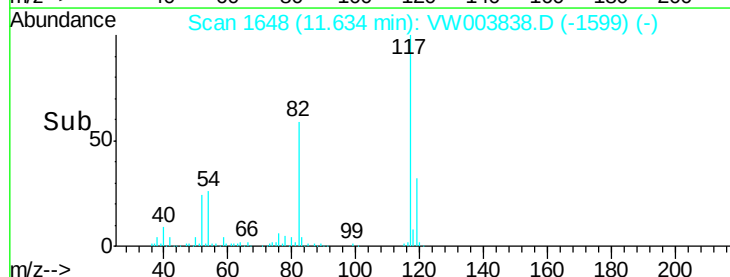
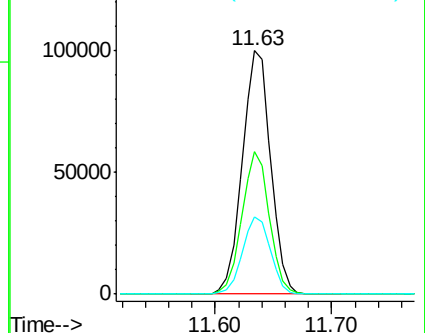
119 31.8 25.5 38.3

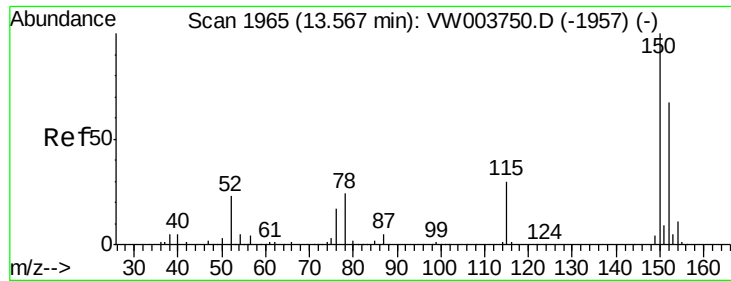


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003838.D

Acq: 10 Jul 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-19RE

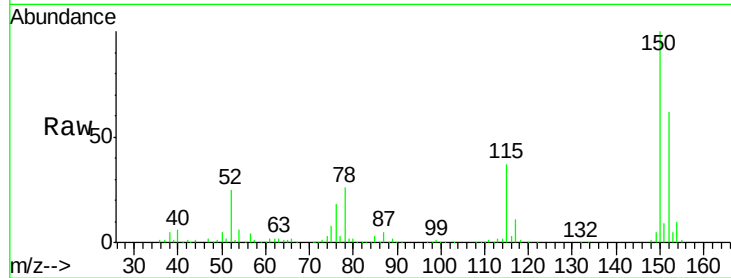
Tot Ion:152 Resp: 52589

Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.8

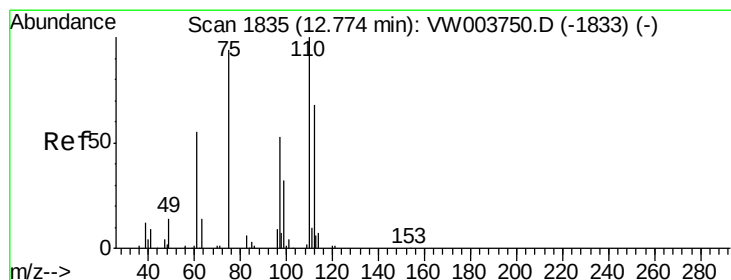
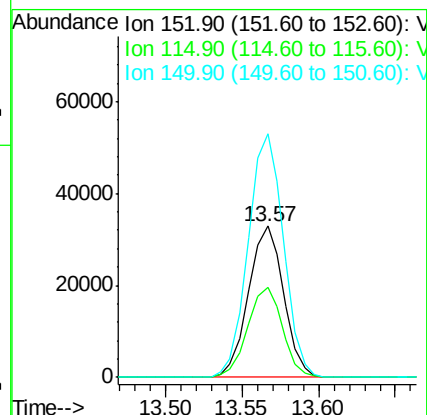
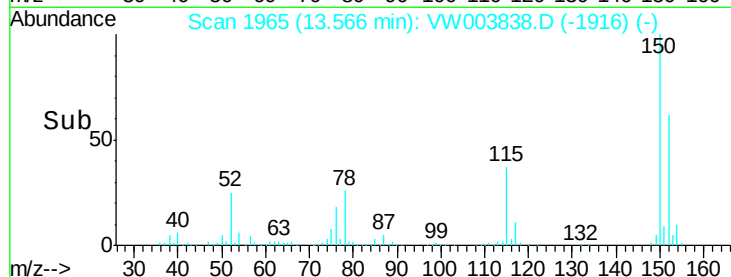
150 161.5 0.0 342.4



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: 46.124 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003838.D

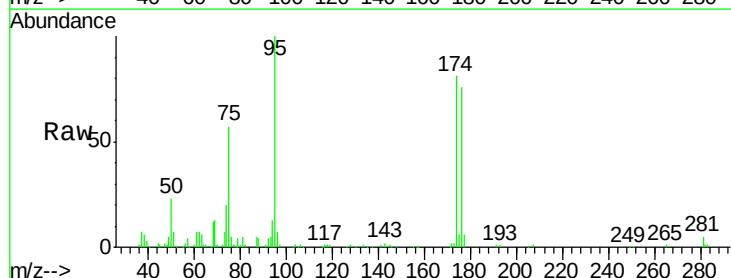
Acq: 10 Jul 2018 20:51

Tgt Ion: 75 Resp: 23819

Ion Ratio Lower Upper

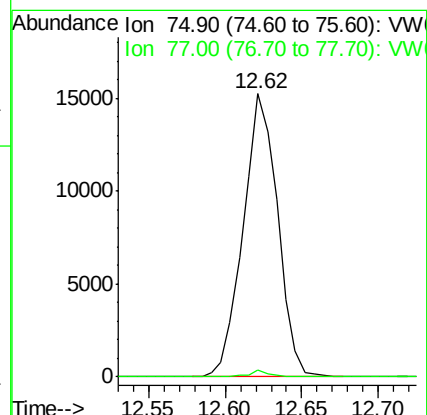
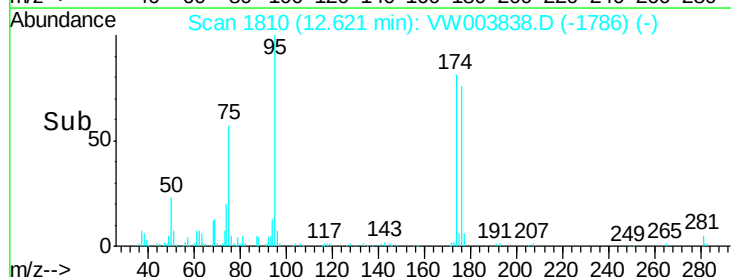
75 100

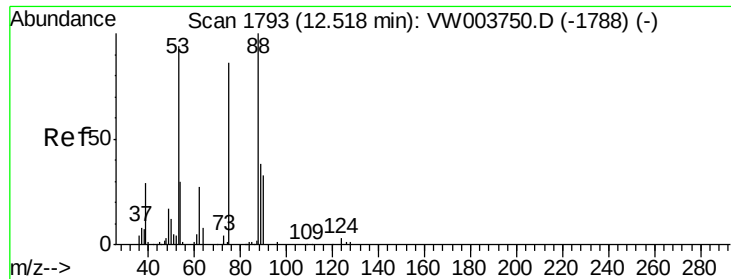
77 1.3 0.0 0.0#



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: 112.830 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003838.D

Acq: 10 Jul 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-19RE

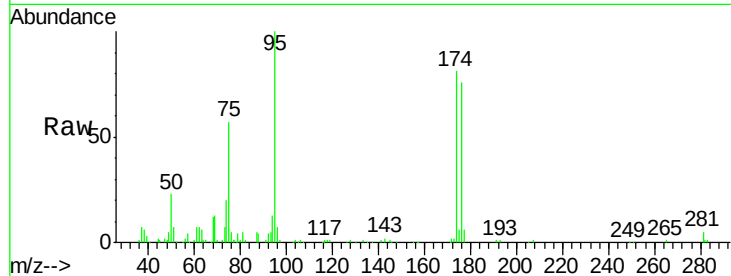
Tot Ion: 75 Resp: 23819

Ion Ratio Lower Upper

75 100

53 0.3 85.0 127.6#

89 0.0 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

