

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003810.D
 Acq On : 10 Jul 2018 07:09
 Operator : SY/AP
 Sample : J3880-08
 Misc : 5.13G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-14

Quant Time: Jul 10 08:07:21 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	98532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30833	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	62167	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	53898	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	10.33	98	135745	30.25	ug/l	0.00
Spiked Amount			Recovery	=	60.50%	
62) 4-Bromofluorobenzene	12.63	95	31529	19.42	ug/l	0.00
Spiked Amount			Recovery	=	38.84%	

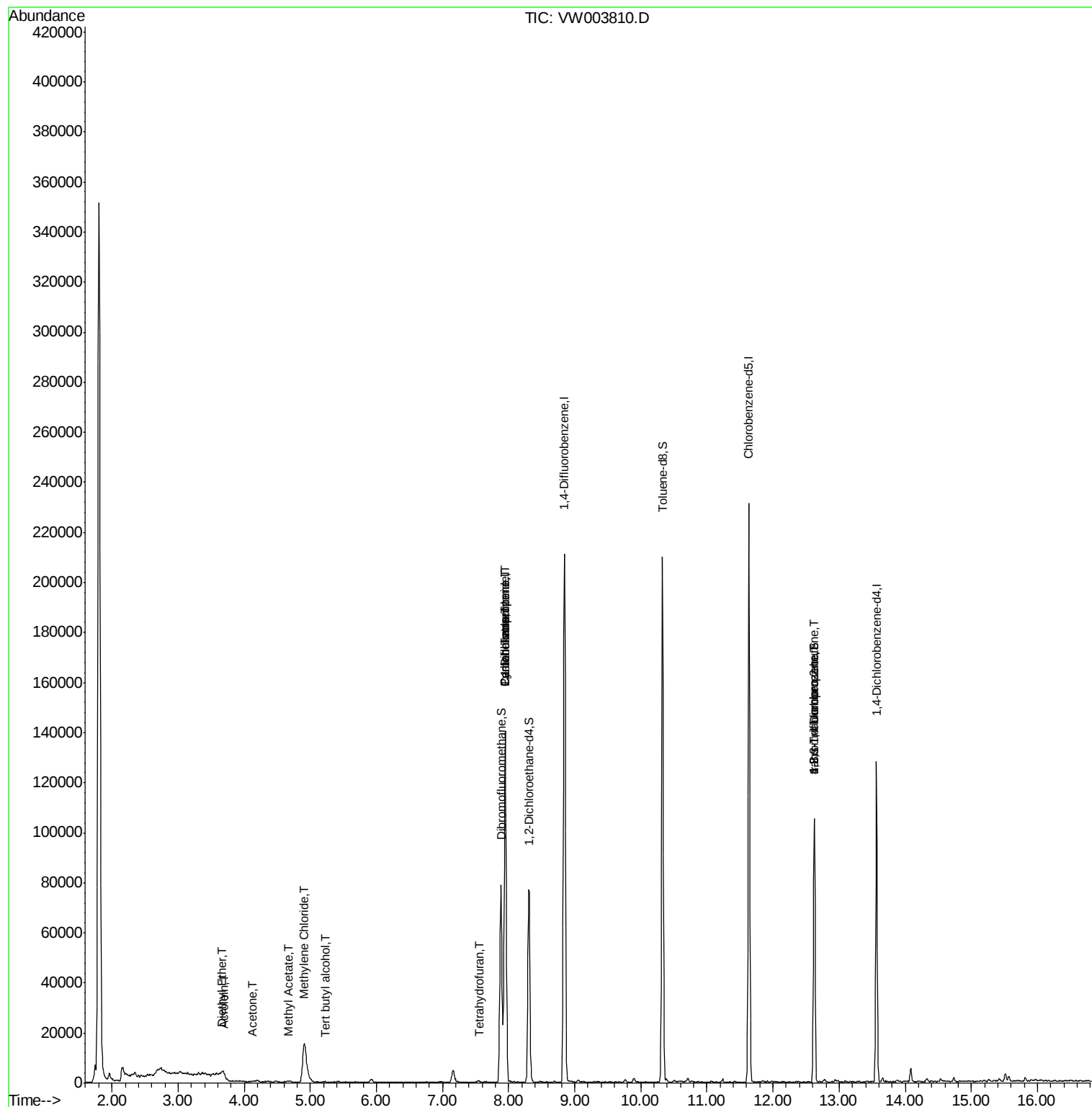
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	732	1.47	ug/l #	1
11) Tert butyl alcohol	5.23	59	160	2.29	ug/l #	70
13) Acrolein	3.70	56	61	5.26	ug/l	84
16) Acetone	4.13	43	881	3.94	ug/l #	88
18) Methyl Acetate	4.68	43	913	1.45	ug/l #	82
20) Methylene Chloride	4.92	84	15138	10.42	ug/l	98
29) Tetrahydrofuran	7.54	42	424	1.88	ug/l #	72
31) Cyclohexane	7.95	56	2882	1.53	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	8781	4.94	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10012	5.92	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	16777	55.41	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16777	135.55	ug/l #	8

(#) = 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: VW003810.D

Acq: 10 Jul 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

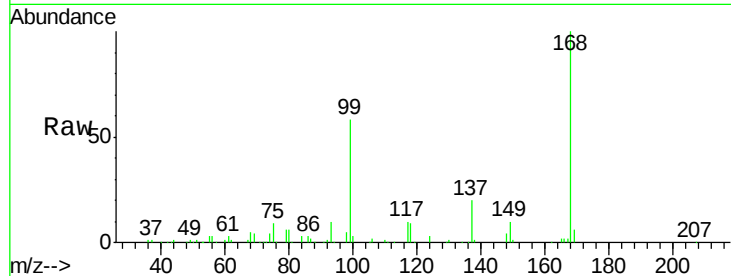
SURCHARGE-SP-14

Tot Ion:168 Resp: 98532

Ion Ratio Lower Upper

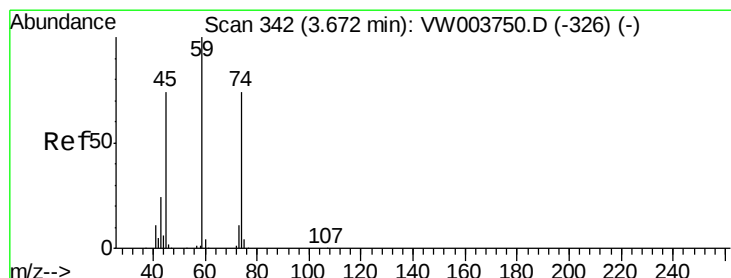
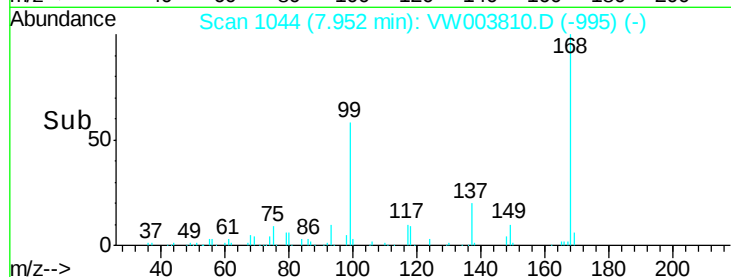
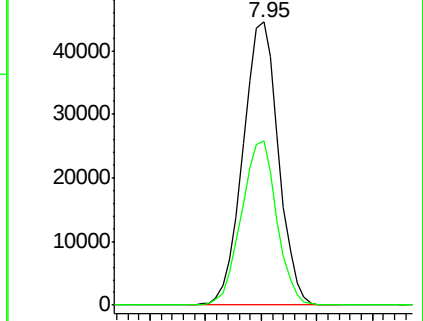
168 100

99 58.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.47 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.00 min

Lab File: VW003810.D

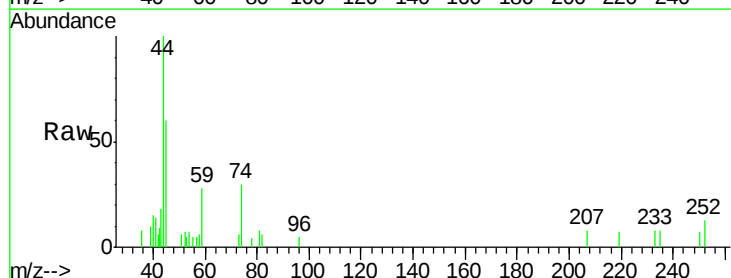
Acq: 10 Jul 2018 07:09

Tgt Ion: 74 Resp: 732

Ion Ratio Lower Upper

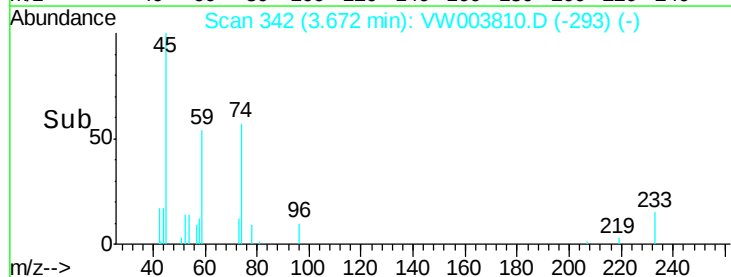
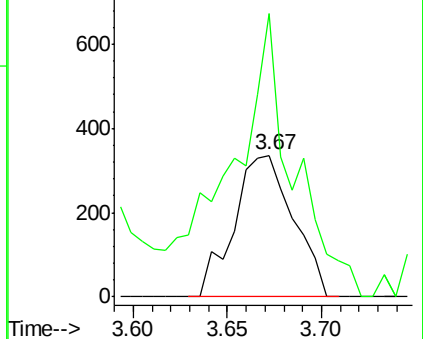
74 100

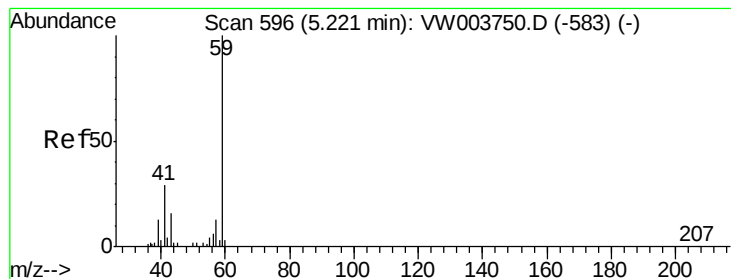
45 209.7 52.4 157.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



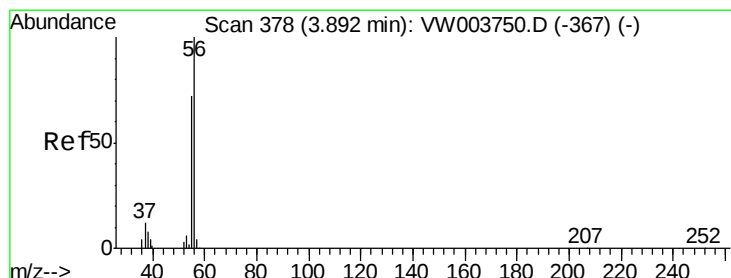
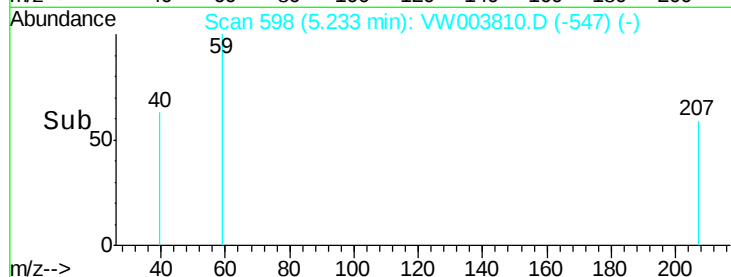
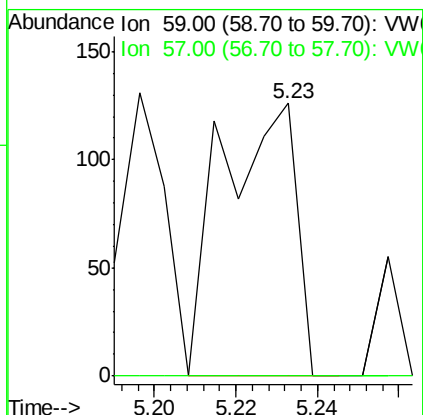
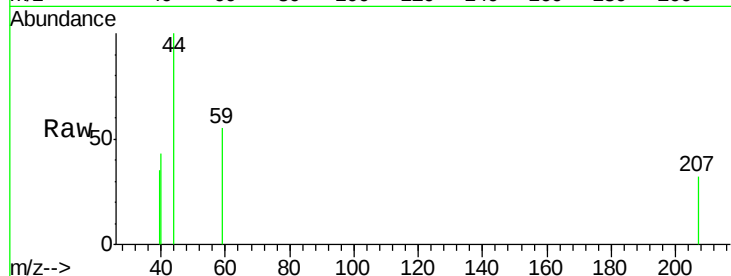


#11

Tert butyl alcohol
 Concen: 2.29 ug/l
 RT: 5.23 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: VW003810.D
 Acq: 10 Jul 2018 07:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-14

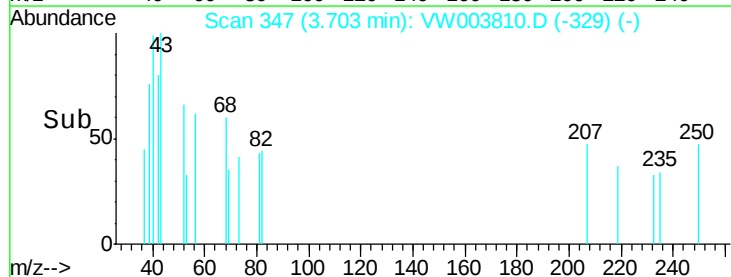
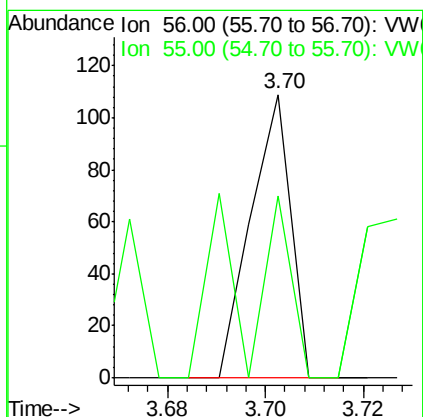
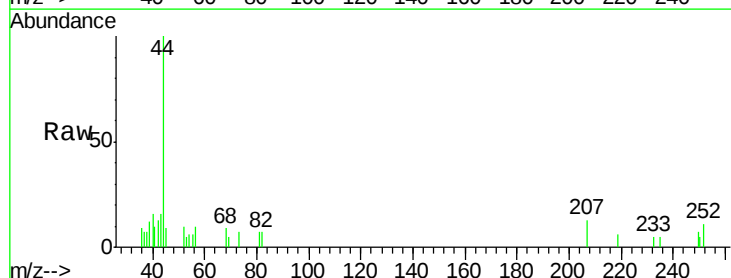
Tot Ion: 59 Resp: 160
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

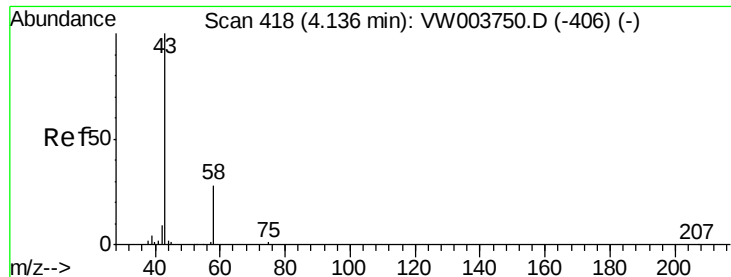


#13

Acrolein
 Concen: 5.26 ug/l
 RT: 3.70 min Scan# 347
 Delta R.T. -0.19 min
 Lab File: VW003810.D
 Acq: 10 Jul 2018 07:09

Tgt Ion: 56 Resp: 61
 Ion Ratio Lower Upper
 56 100
 55 85.2 57.5 86.3





#16

Acetone

Concen: 3.94 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

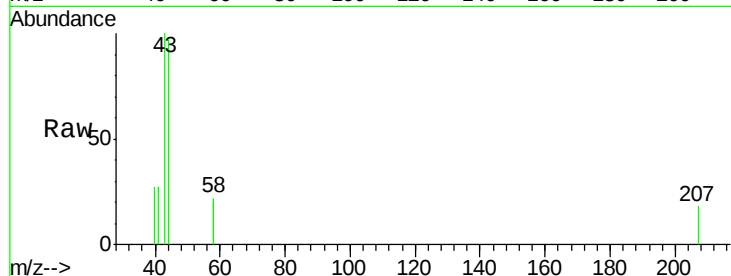
SURCHARGE-SP-14

Tot Ion: 43 Resp: 881

Ion Ratio Lower Upper

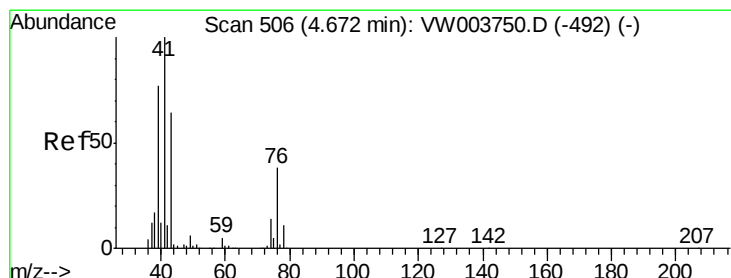
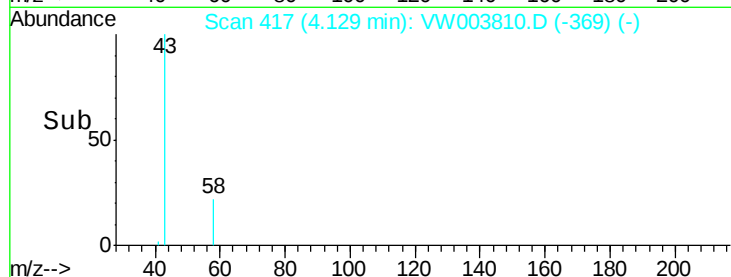
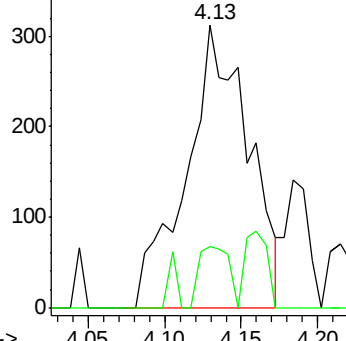
43 100

58 21.7 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.45 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003810.D

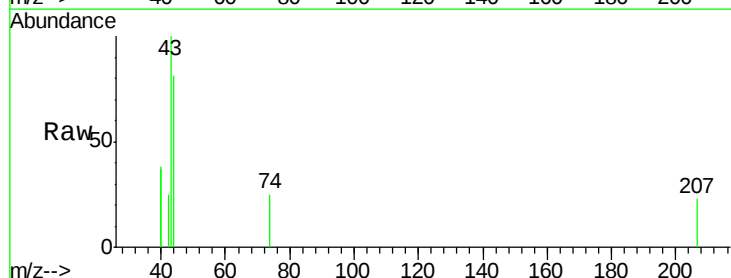
Acq: 10 Jul 2018 07:09

Tgt Ion: 43 Resp: 913

Ion Ratio Lower Upper

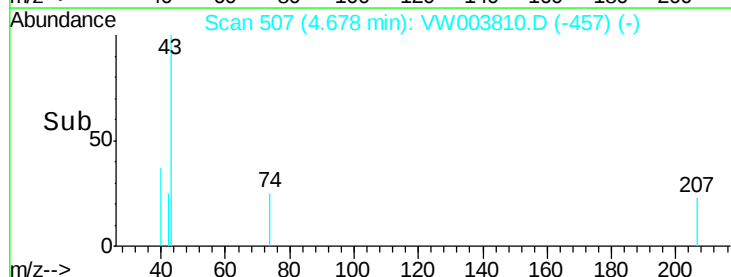
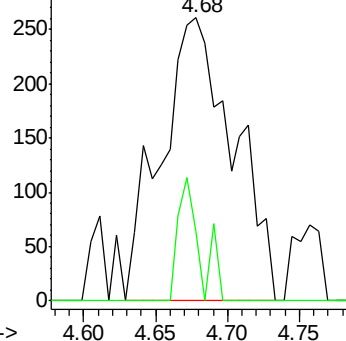
43 100

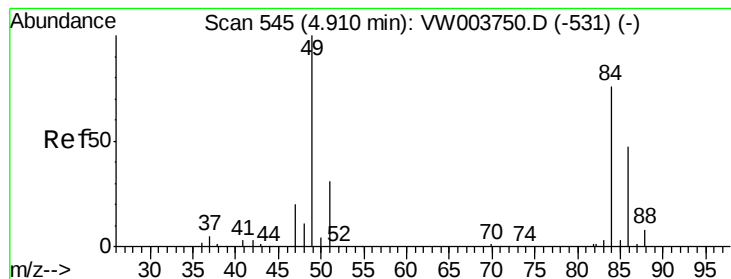
74 13.1 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 10.42 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-14

Tot Ion: 84 Resp: 15138

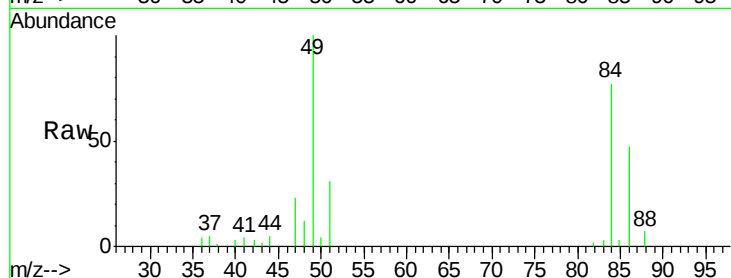
Ion Ratio Lower Upper

84 100

49 129.8 105.1 157.7

51 40.0 32.5 48.7

86 60.4 49.8 74.6

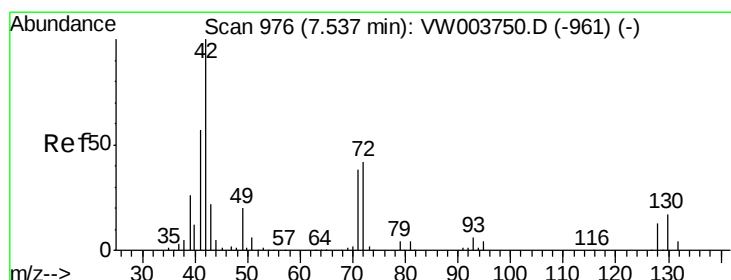
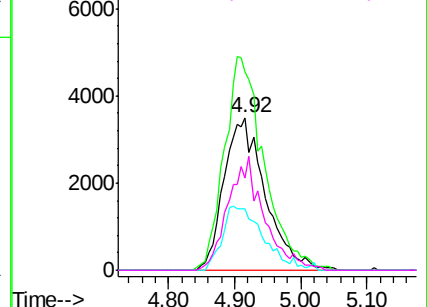
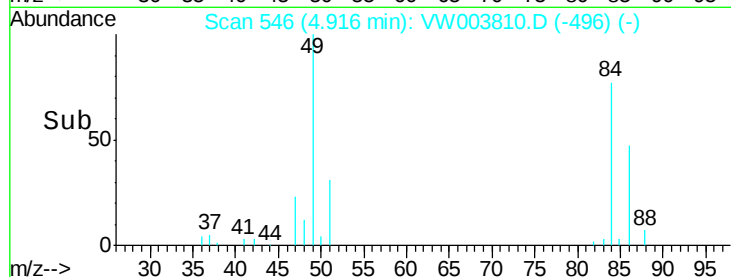


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 1.88 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

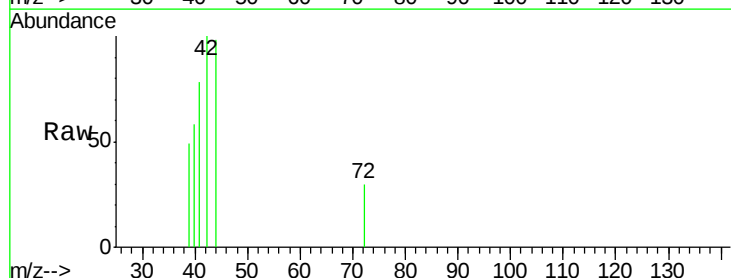
Tgt Ion: 42 Resp: 424

Ion Ratio Lower Upper

42 100

72 26.9 31.8 47.8#

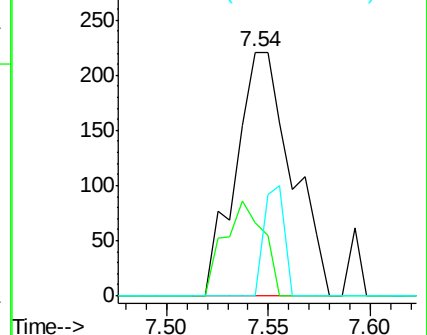
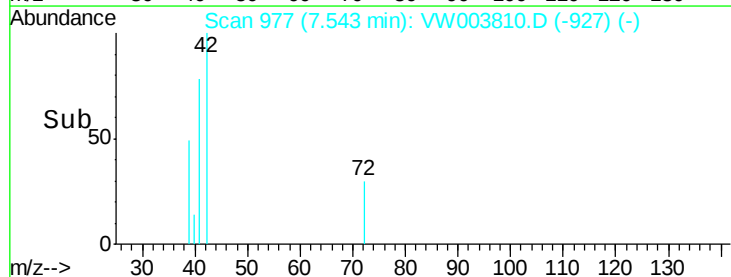
71 16.5 30.3 45.5#

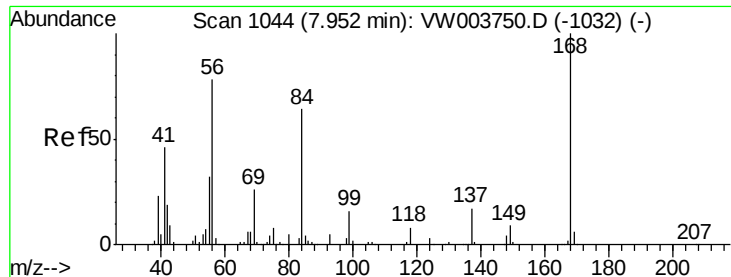


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

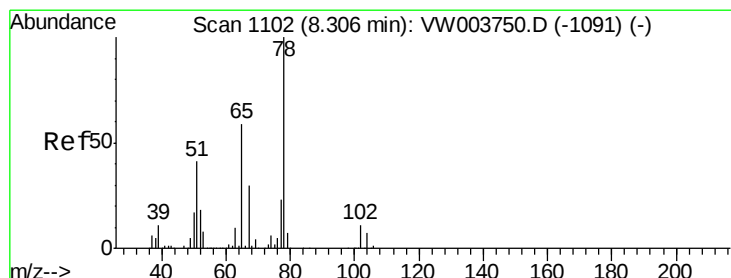
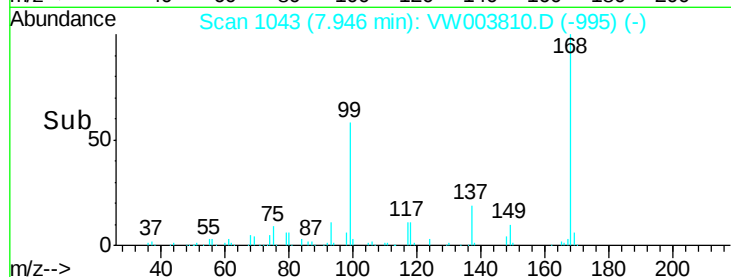
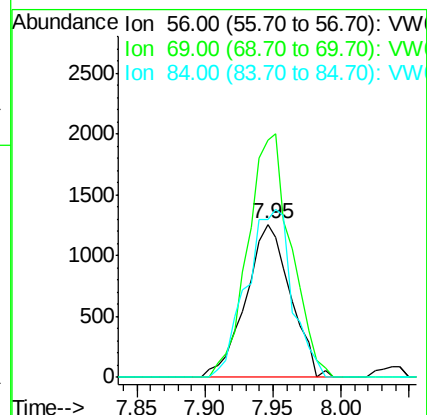
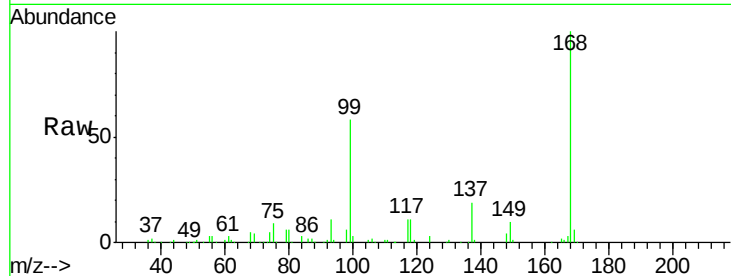




#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003810.D
Acq: 10 Jul 2018 07:09

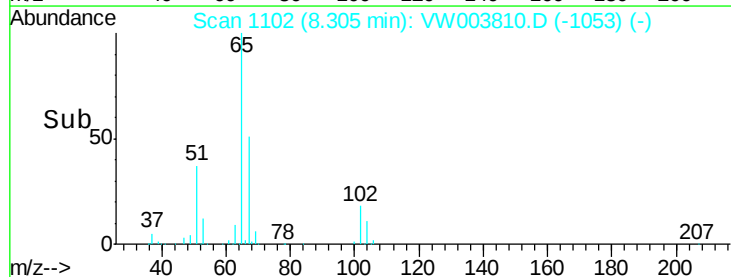
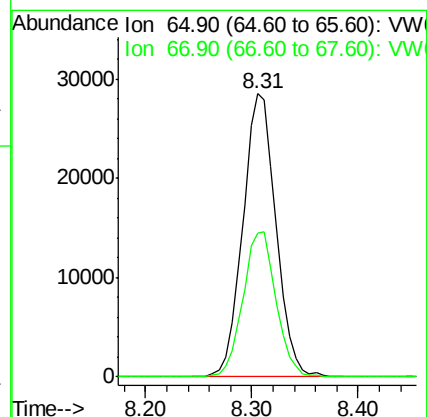
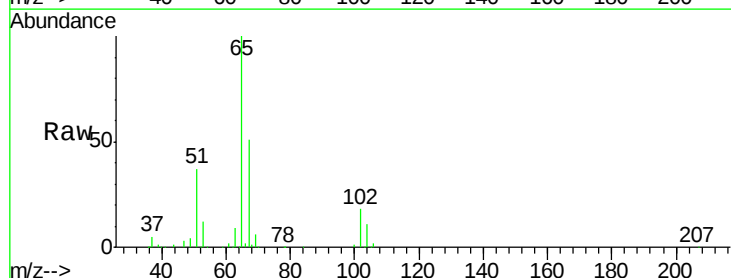
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-14

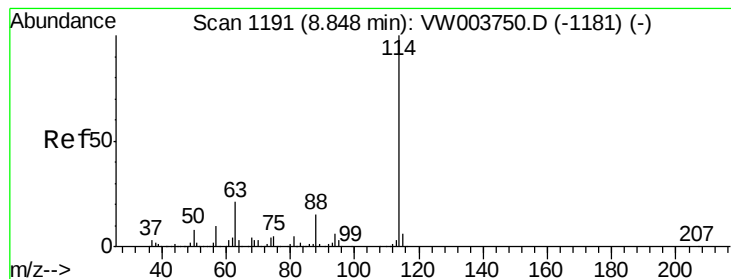
Tot Ion: 56 Resp: 2882
Ion Ratio Lower Upper
56 100
69 155.1 26.2 39.4#
84 103.1 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 48.25 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003810.D
Acq: 10 Jul 2018 07:09

Tgt Ion: 65 Resp: 62167
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-14

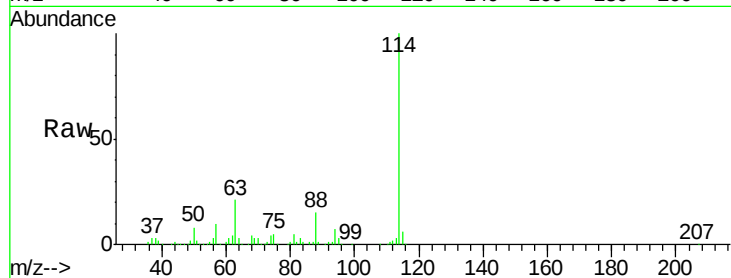
Tot Ion:114 Resp: 167614

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

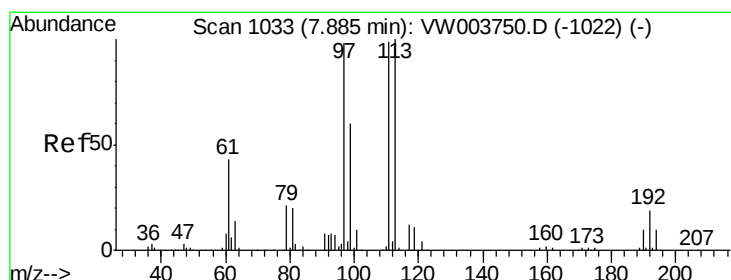
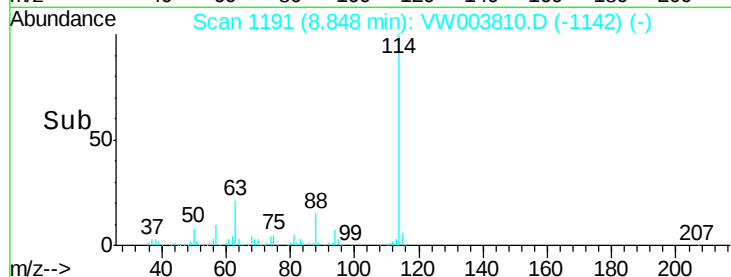
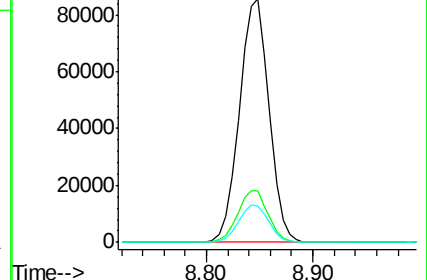
88 15.1 0.0 30.2



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: 45.94 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

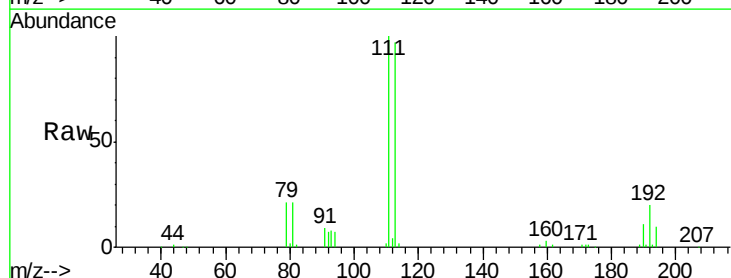
Tgt Ion:113 Resp: 53898

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

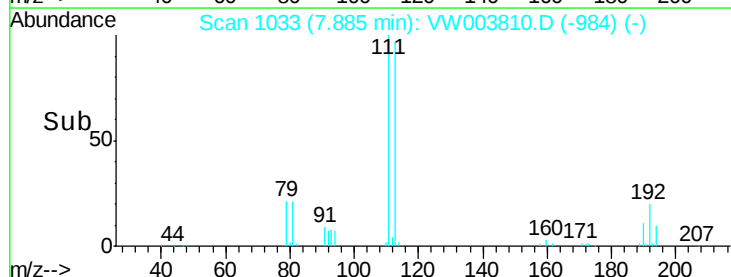
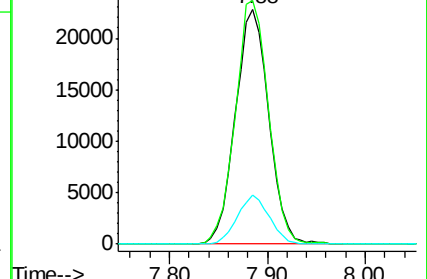
192 19.9 15.8 23.8

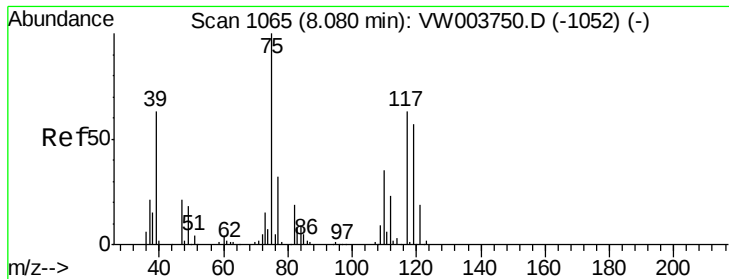


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

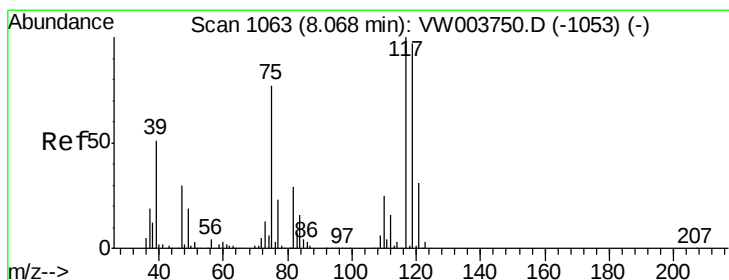
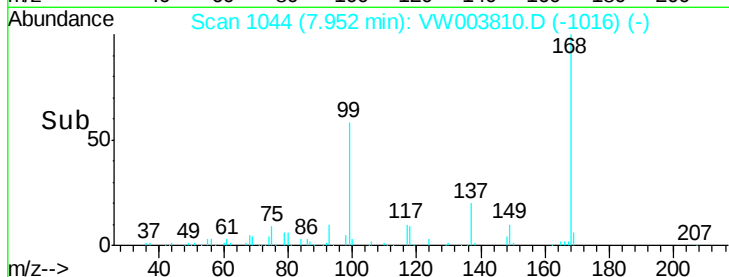
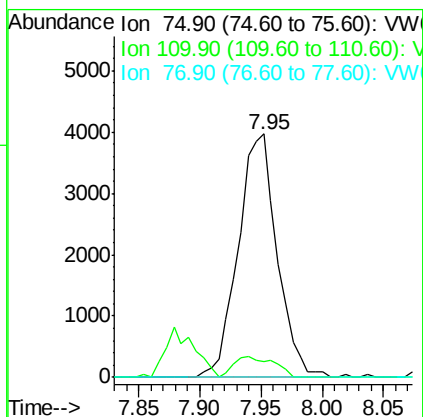
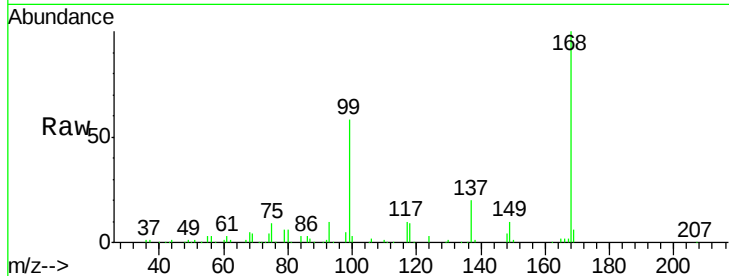




#36
 1,1-Dichloropropene
 Concen: 4.94 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003810.D
 Acq: 10 Jul 2018 07:09

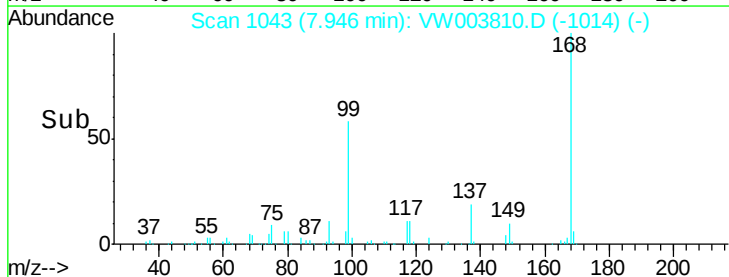
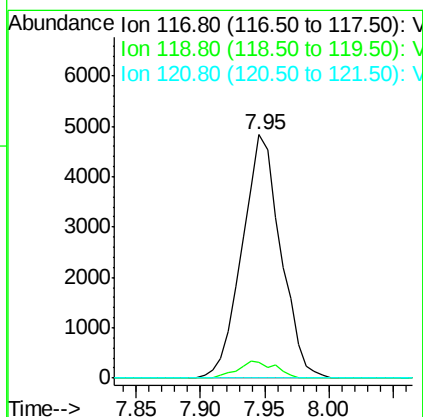
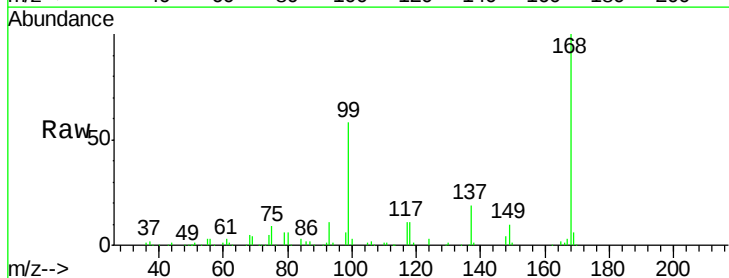
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-14

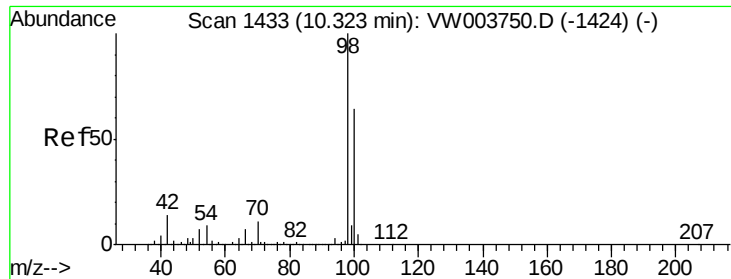
Tot Ion: 75 Resp: 8781
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.92 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003810.D
 Acq: 10 Jul 2018 07:09

Tgt Ion: 117 Resp: 10012
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 30.25 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

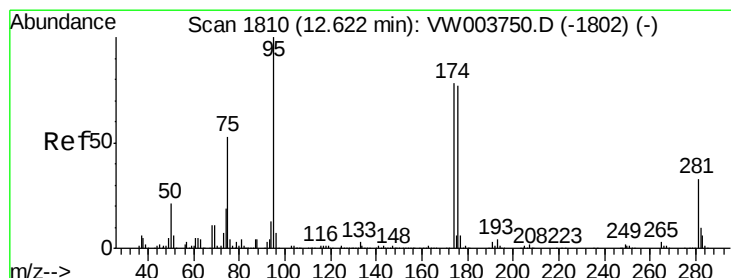
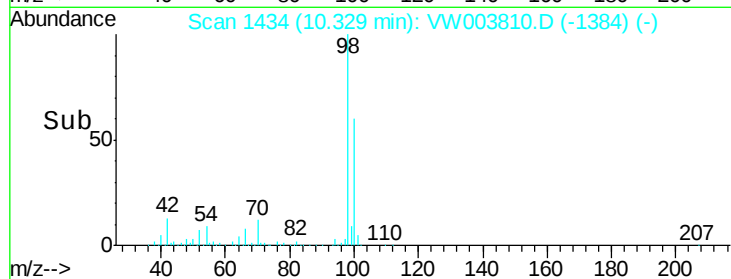
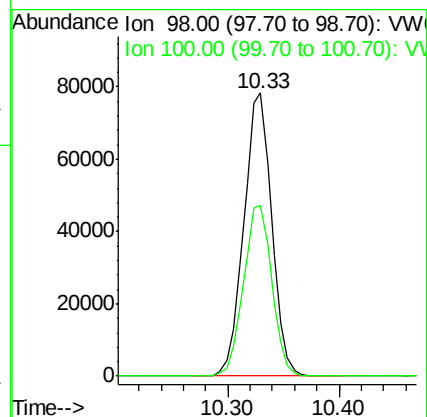
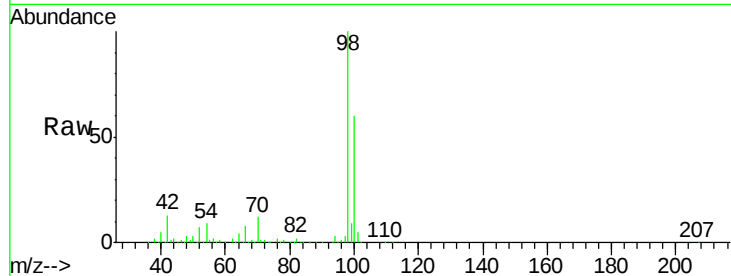
SURCHARGE-SP-14

Tot Ion: 98 Resp: 135745

Ion Ratio Lower Upper

98 100

100 61.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 19.42 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

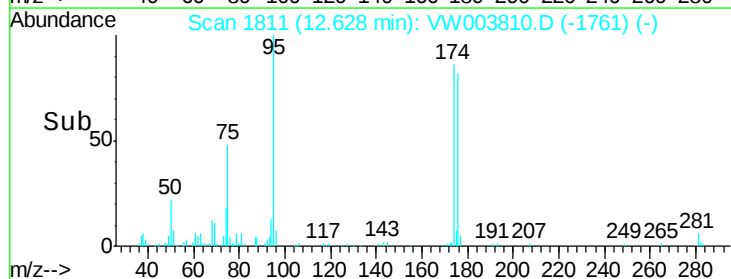
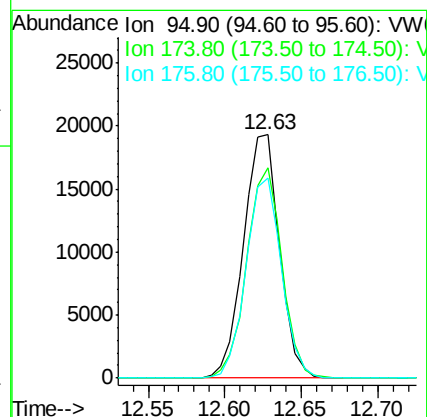
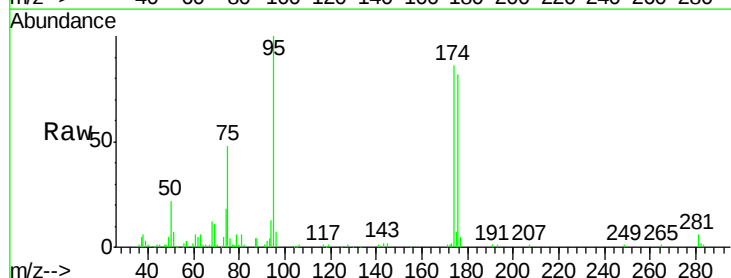
Tgt Ion: 95 Resp: 31529

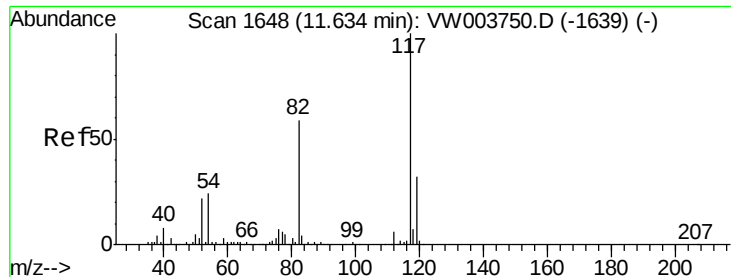
Ion Ratio Lower Upper

95 100

174 84.8 0.0 163.4

176 81.0 0.0 156.8

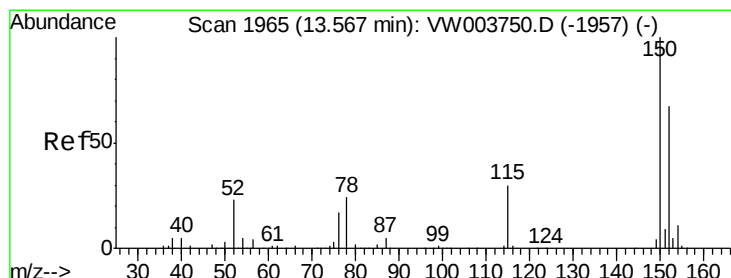
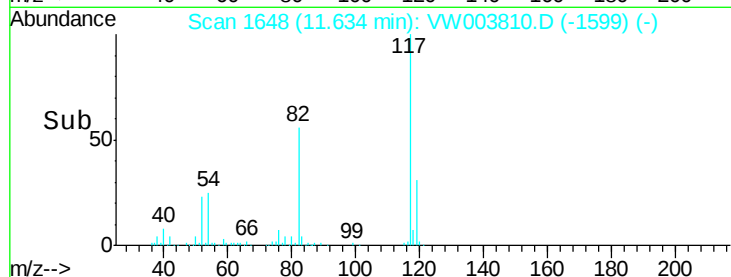
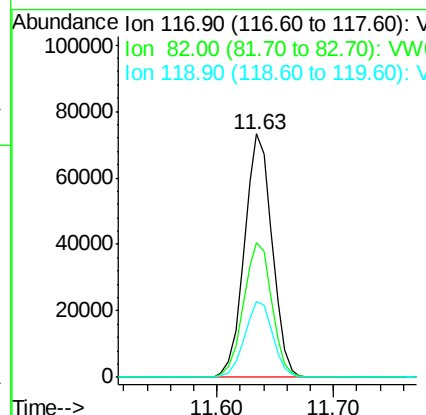
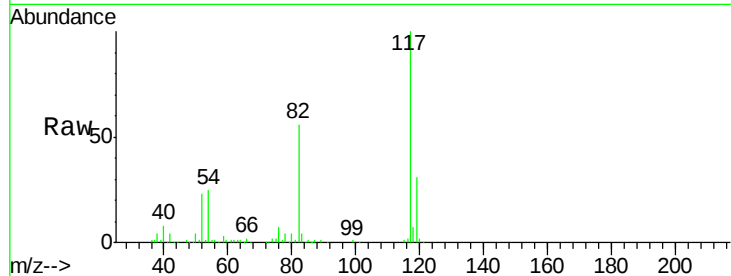




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003810.D
Acq: 10 Jul 2018 07:09

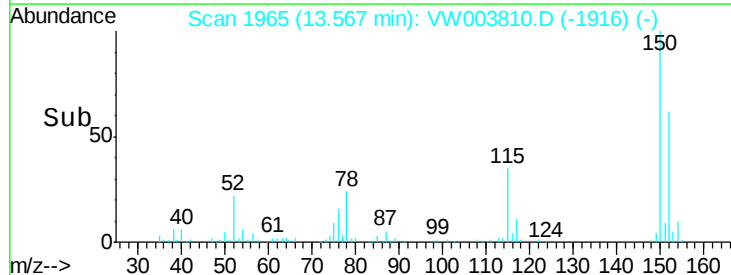
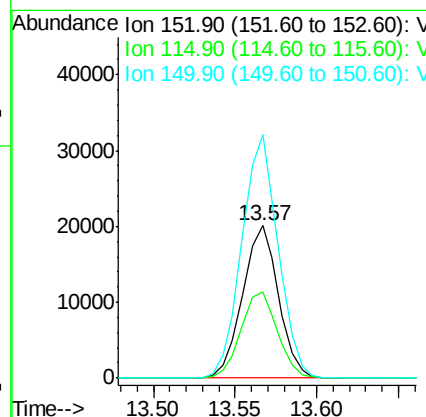
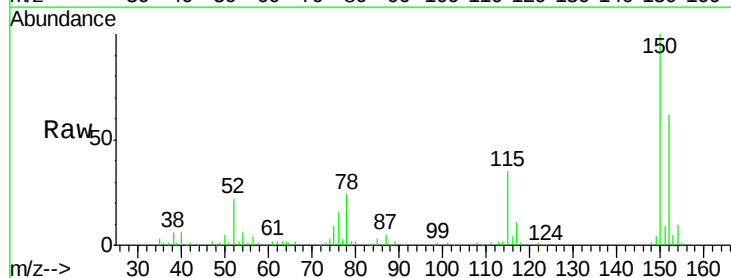
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-14

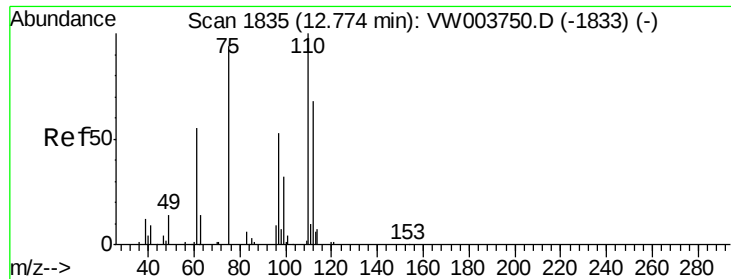
Tot Ion:117 Resp: 121330
Ion Ratio Lower Upper
117 100
82 55.6 46.9 70.3
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003810.D
Acq: 10 Jul 2018 07:09

Tgt Ion:152 Resp: 30833
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 161.0 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 55.41 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

Instrument :

MSVOA_W

ClientSampleId :

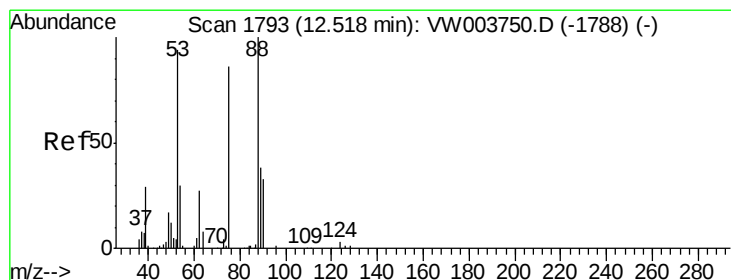
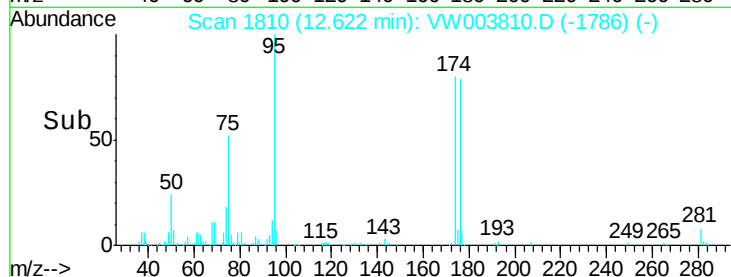
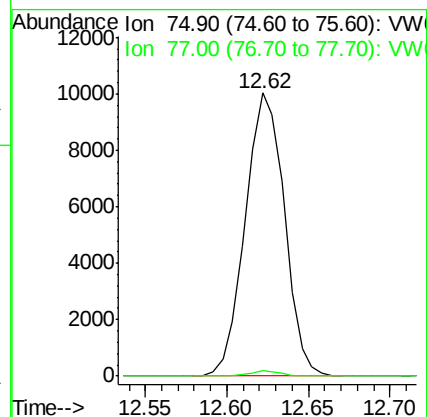
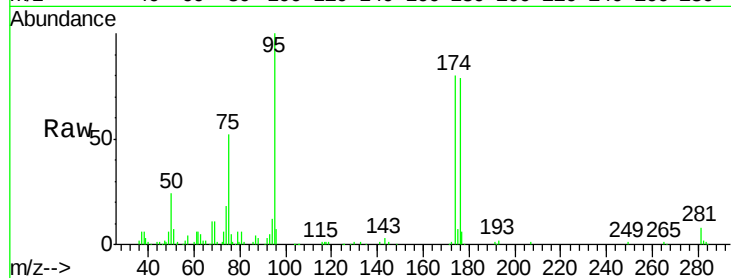
SURCHARGE-SP-14

Tot Ion: 75 Resp: 16777

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.55 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003810.D

Acq: 10 Jul 2018 07:09

Tgt Ion: 75 Resp: 16777

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

89 0.0 36.3 54.5#

