

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003800.D
 Acq On : 10 Jul 2018 02:49
 Operator : SY/AP
 Sample : J3879-08
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-4

Quant Time: Jul 10 04:25:38 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	110291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	169344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24448	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	63761	44.21	ug/l	0.00
Spiked Amount			Recovery	=	88.42%	
35) Dibromofluoromethane	7.88	113	57859	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	10.32	98	142357	31.40	ug/l	0.00
Spiked Amount			Recovery	=	62.80%	
62) 4-Bromofluorobenzene	12.62	95	27881	17.00	ug/l	0.00
Spiked Amount			Recovery	=	34.00%	

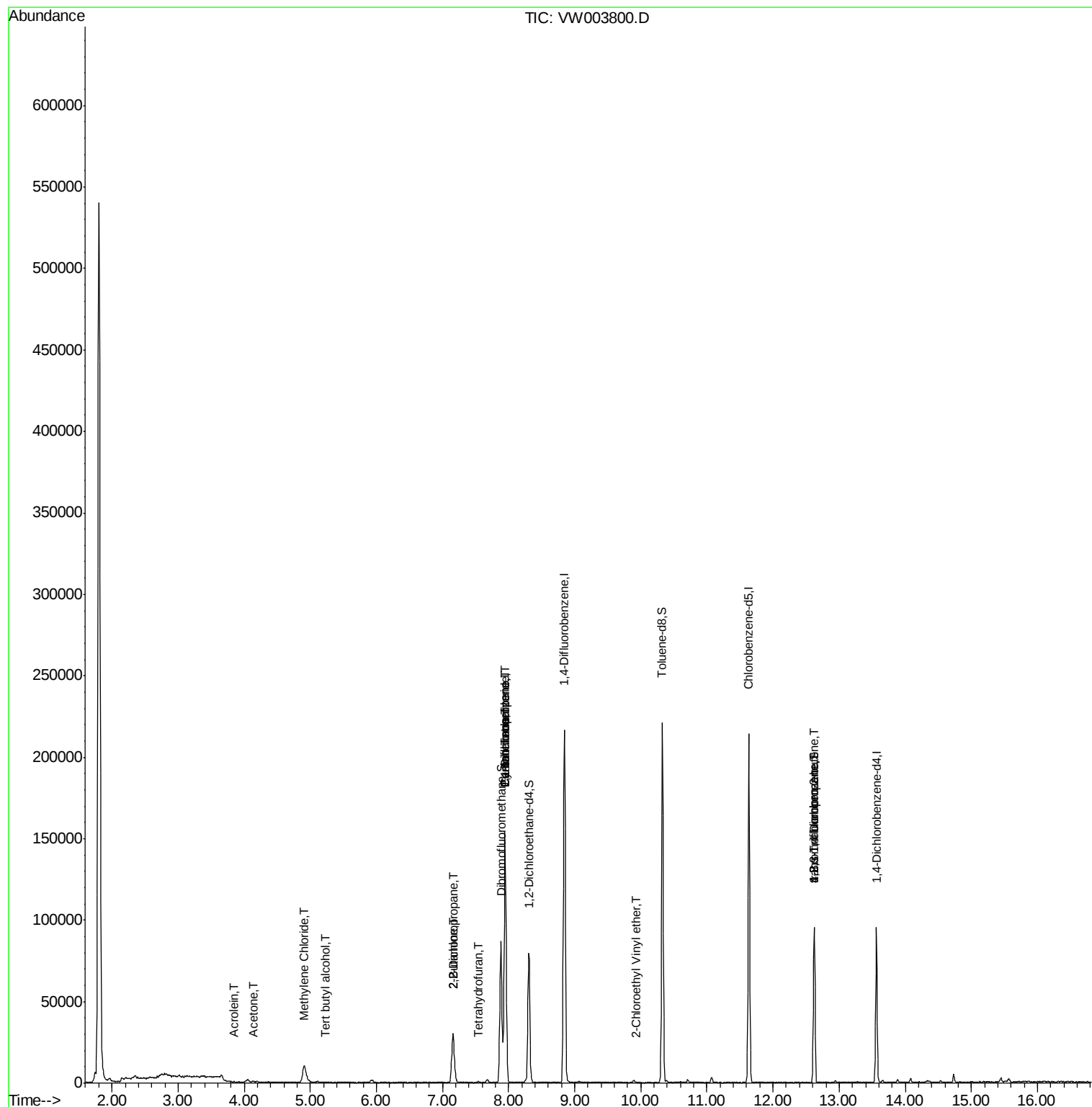
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	136	1.74	ug/l #	70
13) Acrolein	3.86	56	20	4.89	ug/l #	12
16) Acetone	4.15	43	1278	5.11	ug/l #	82
20) Methylene Chloride	4.91	84	9169	3.44	ug/l #	94
25) 2-Butanone	7.15	43	1890	4.82	ug/l #	51
26) 2,2-Dichloropropane	7.15	77	2000	1.54	ug/l #	53
29) Tetrahydrofuran	7.54	42	337	1.34	ug/l #	55
31) Cyclohexane	7.95	56	3015	1.43	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9919	5.52	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11150	6.53	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.94	63	75	13.28	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	15322	63.82	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15322	156.12	ug/l #	8

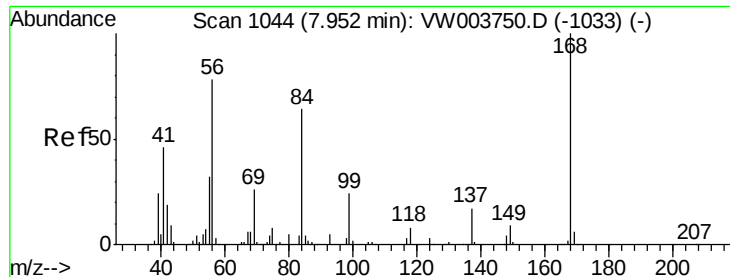
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003800.D
Acq On : 10 Jul 2018 02:49
Operator : SY/AP
Sample : J3879-08
Misc : 5.12G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

Quant Time: Jul 10 04:25:38 2018
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: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

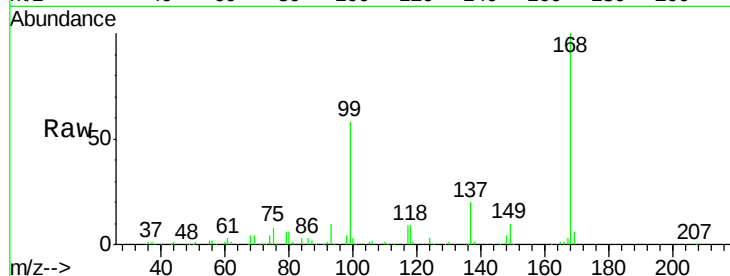
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

Tot Ion:168 Resp: 110291

Ion Ratio Lower Upper

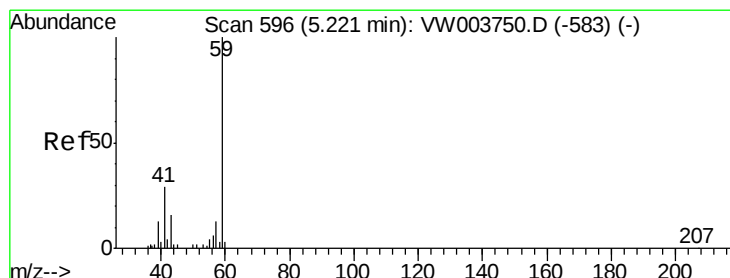
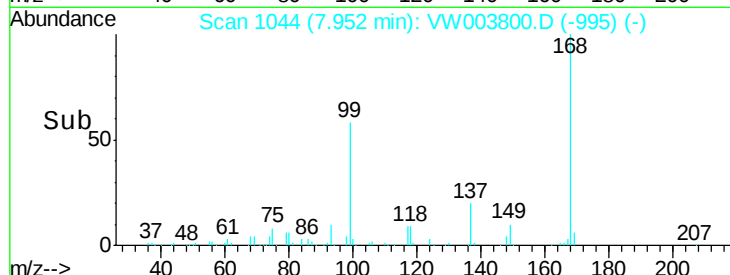
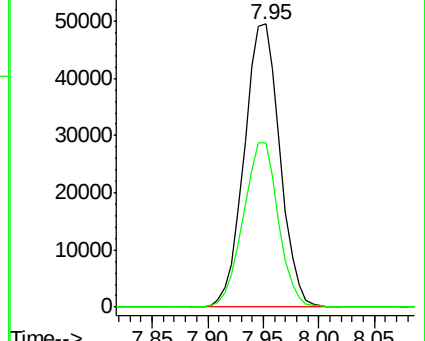
168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.74 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003800.D

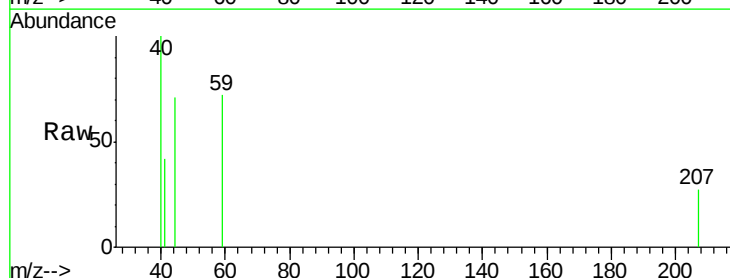
Acq: 10 Jul 2018 02:49

Tgt Ion: 59 Resp: 136

Ion Ratio Lower Upper

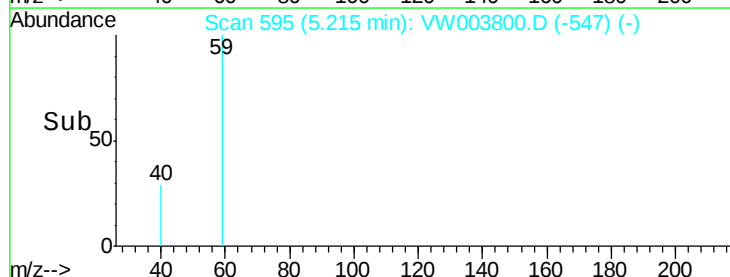
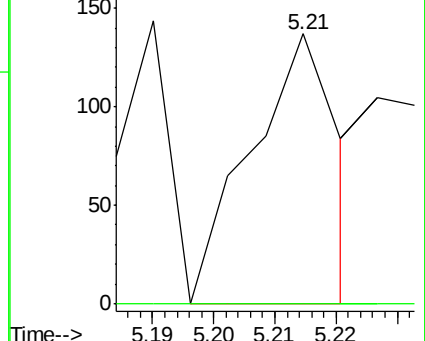
59 100

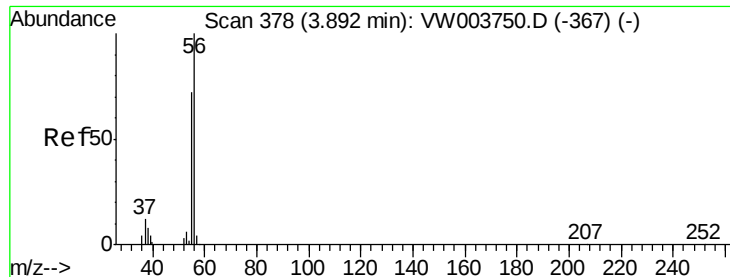
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.89 ug/l

RT: 3.86 min Scan# 372

Delta R.T. -0.04 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

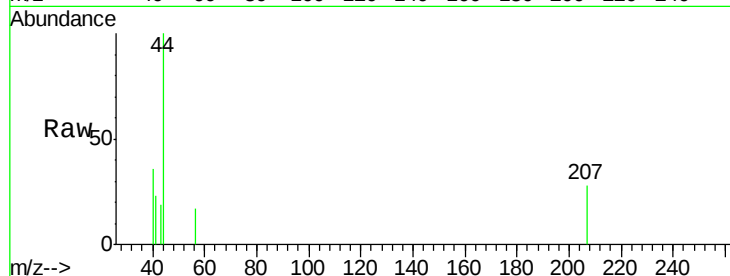
SURCHARGE-SP-4

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

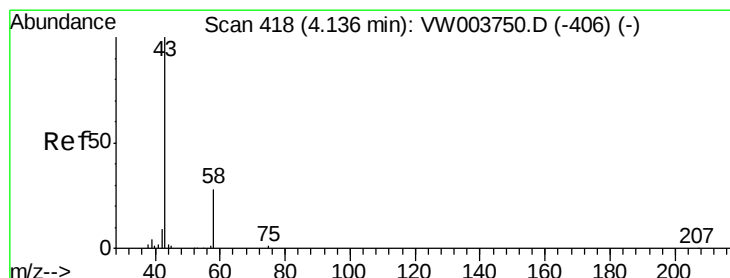
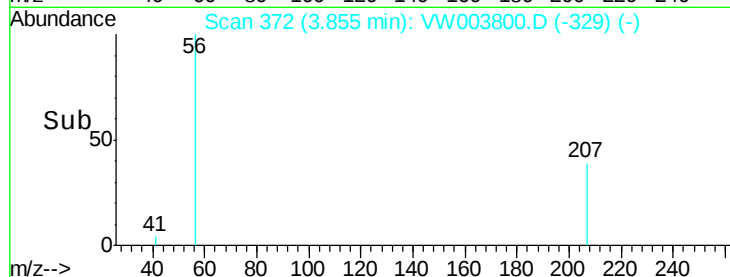
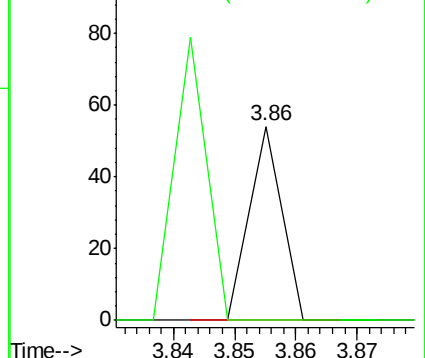
56 100

55 145.0 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: 5.11 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003800.D

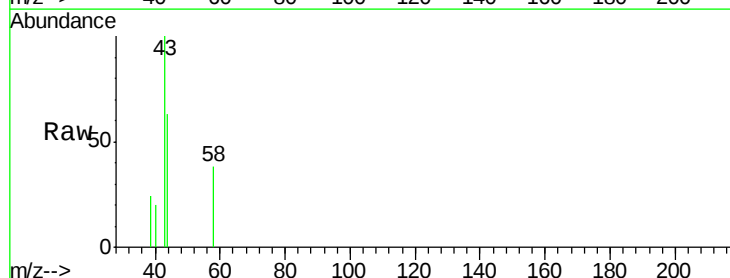
Acq: 10 Jul 2018 02:49

Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

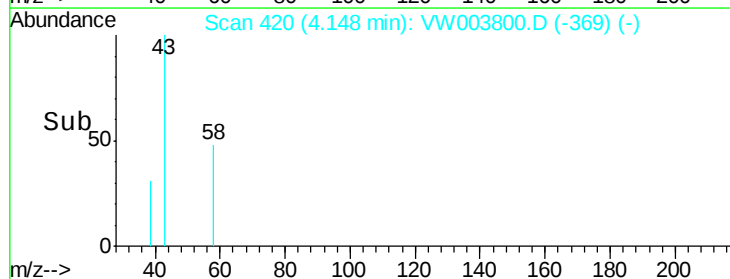
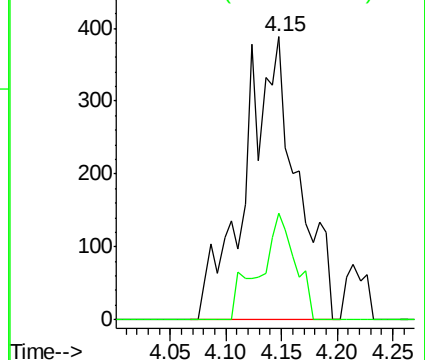
43 100

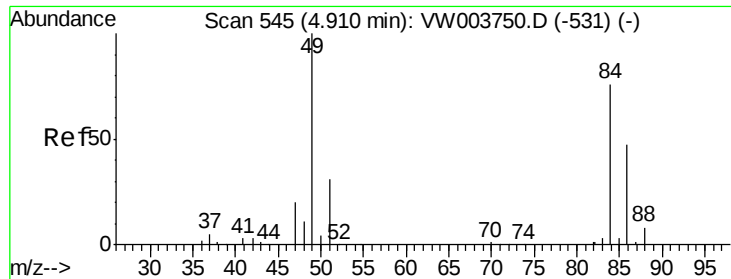
58 37.9 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

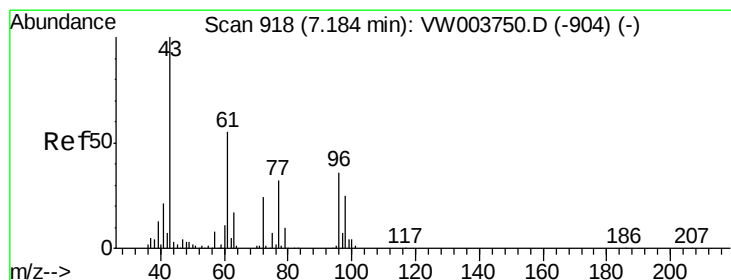
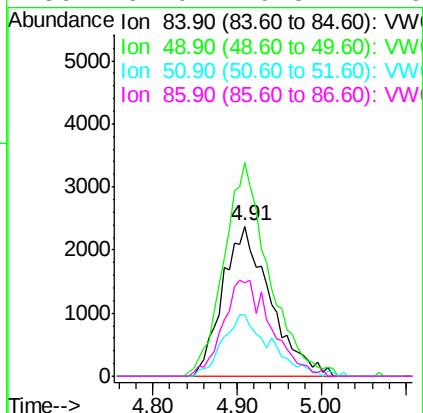
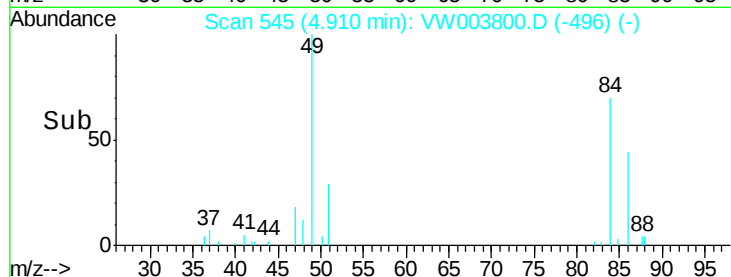
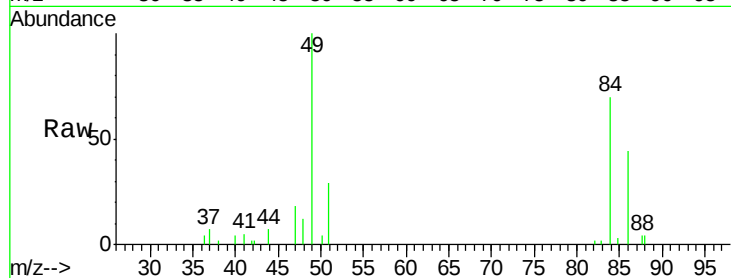




#20
Methvlene Chloride
Concen: 3.44 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003800.D
Acq: 10 Jul 2018 02:49

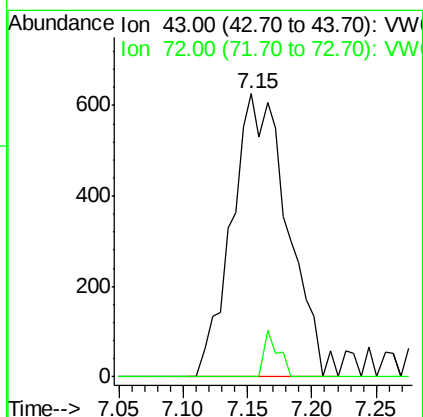
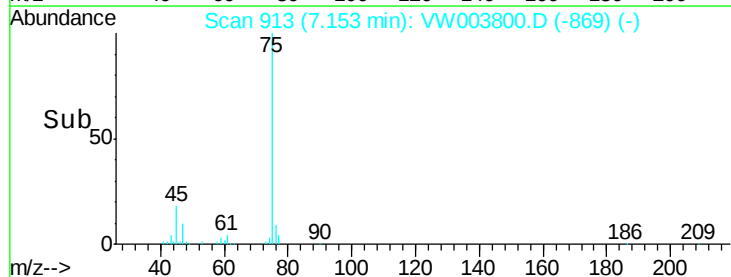
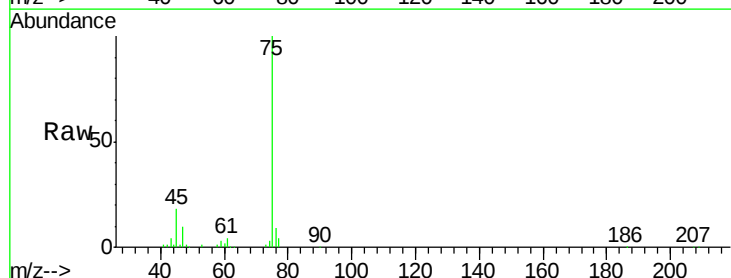
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

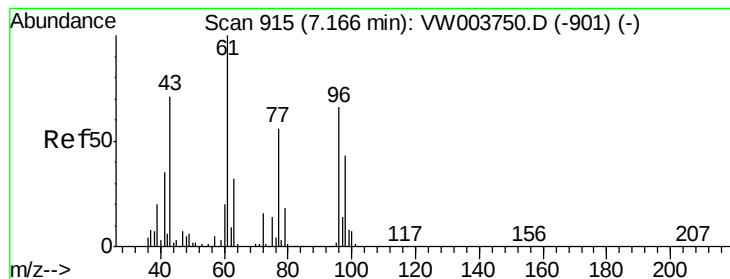
Tot Ion: 84 Resp: 9169
Ion Ratio Lower Upper
84 100
49 142.4 105.1 157.7
51 41.3 32.5 48.7
86 62.0 49.8 74.6



#25
2-Butanone
Concen: 4.82 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003800.D
Acq: 10 Jul 2018 02:49

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 1.54 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

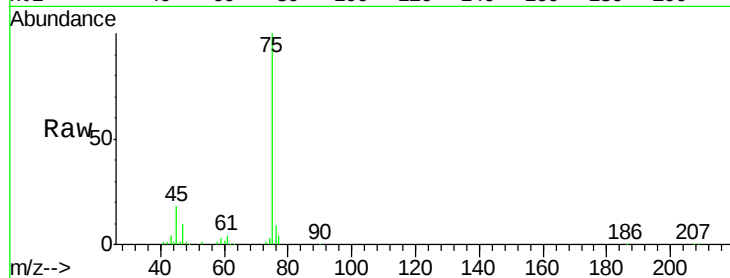
SURCHARGE-SP-4

Tot Ion: 77 Resp: 2000

Ion Ratio Lower Upper

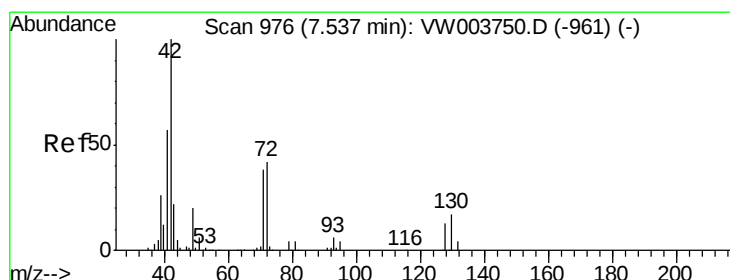
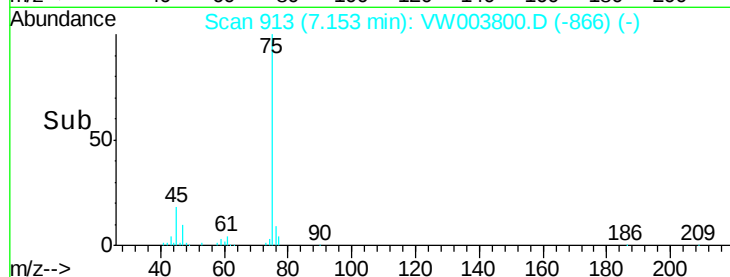
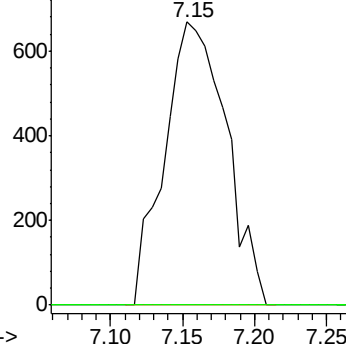
77 100

97 0.0 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 1.34 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

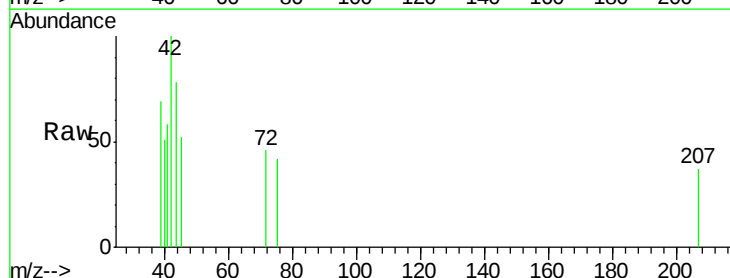
Tgt Ion: 42 Resp: 337

Ion Ratio Lower Upper

42 100

72 8.6 31.8 47.8#

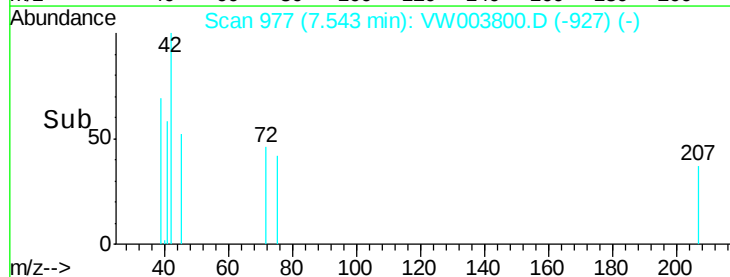
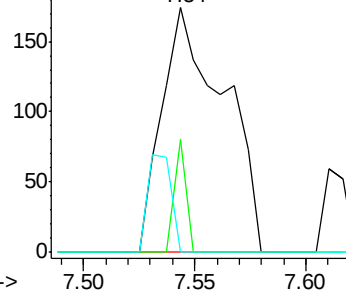
71 14.8 30.3 45.5#

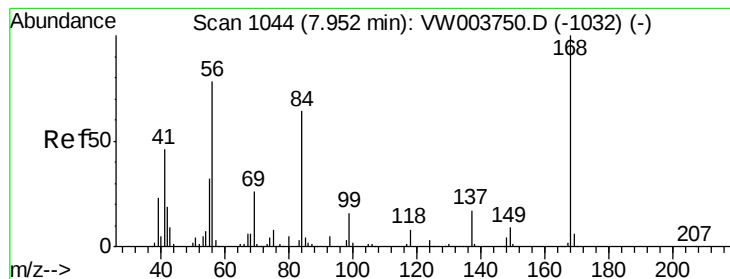


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.43 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

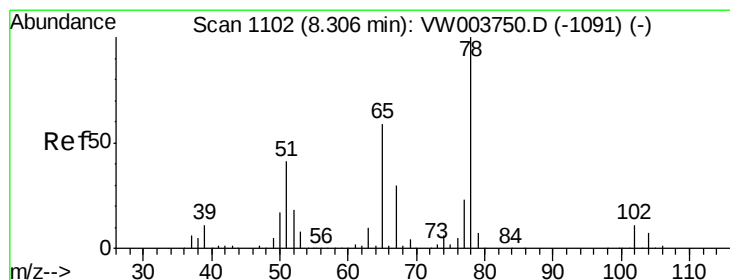
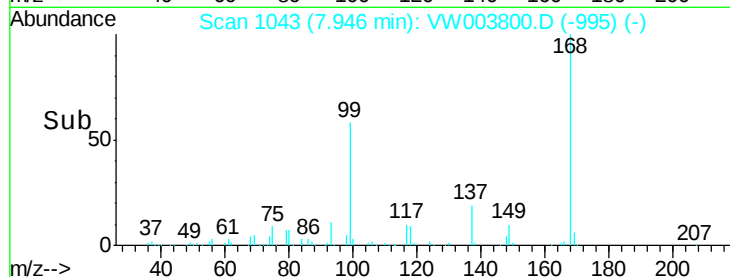
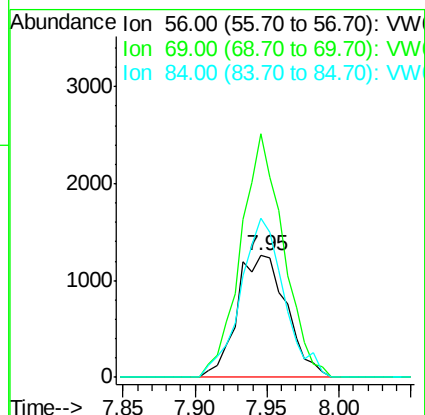
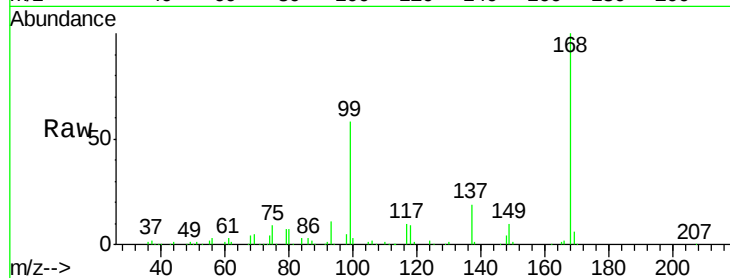
Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

Tot Ion: 56 Resp: 3015

Ion	Ratio	Lower	Upper
56	100		
69	199.6	26.2	39.4#
84	130.3	65.5	98.3#



#33

1,2-Dichloroethane-d4

Concen: 44.21 ug/l

RT: 8.31 min Scan# 1102

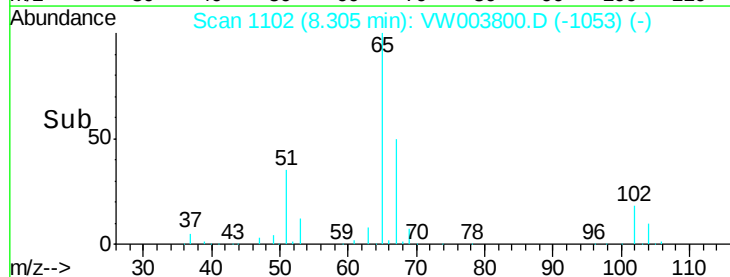
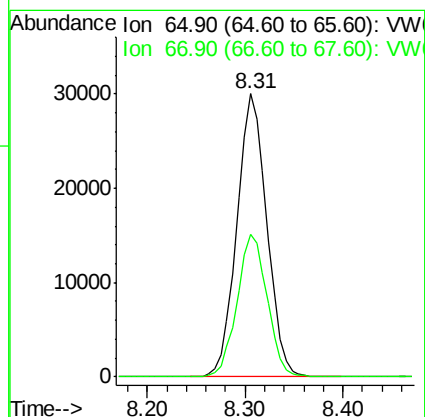
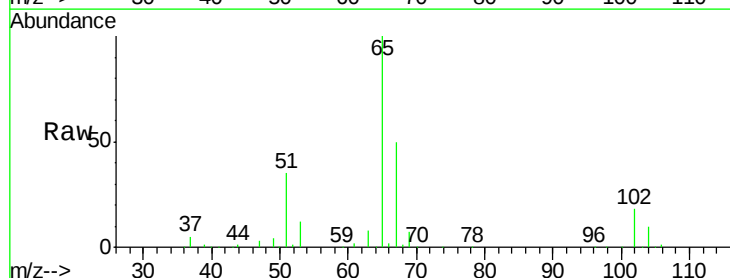
Delta R.T. -0.00 min

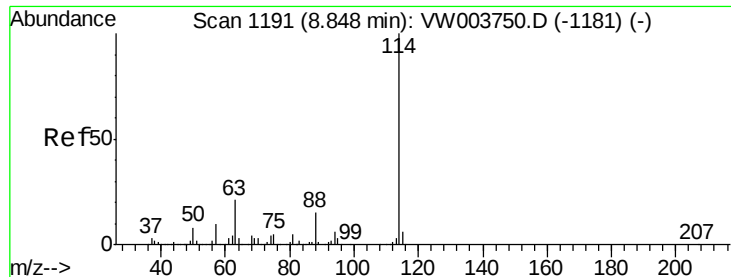
Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Tgt Ion: 65 Resp: 63761

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.8

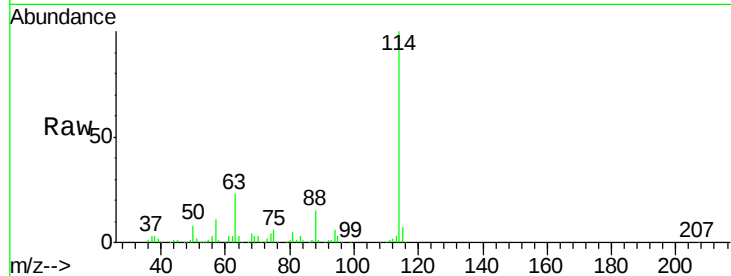




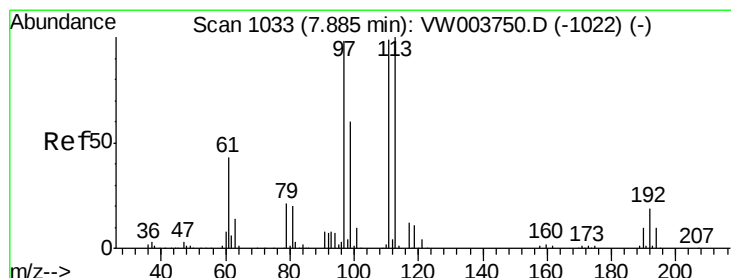
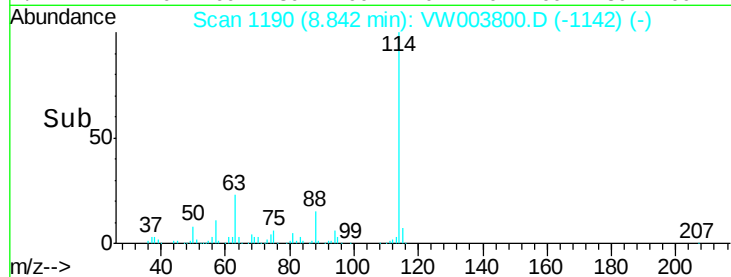
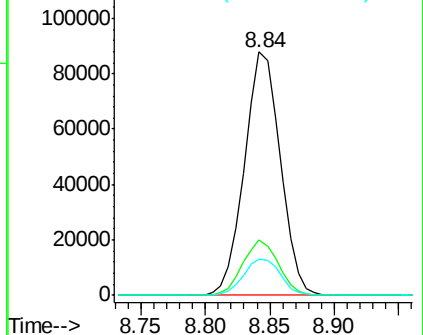
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-4

Tot Ion:114 Resp: 169344
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.8
 88 15.0 0.0 30.2

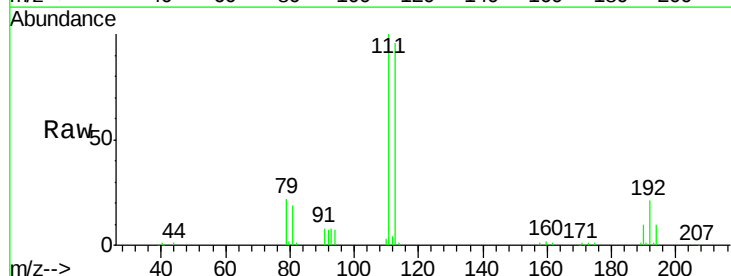


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

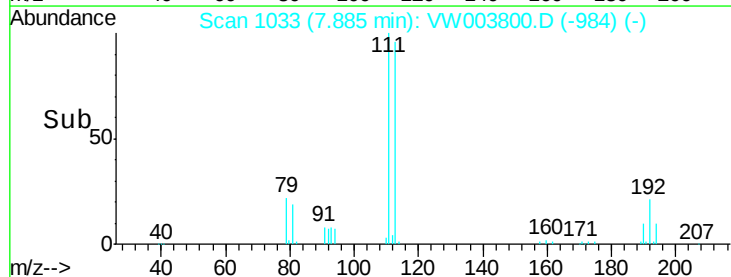
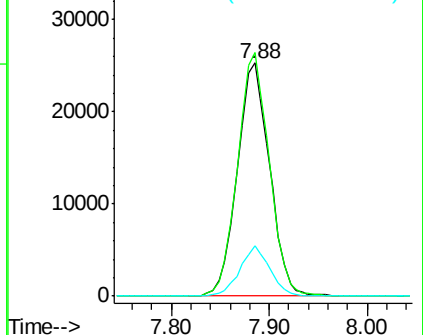


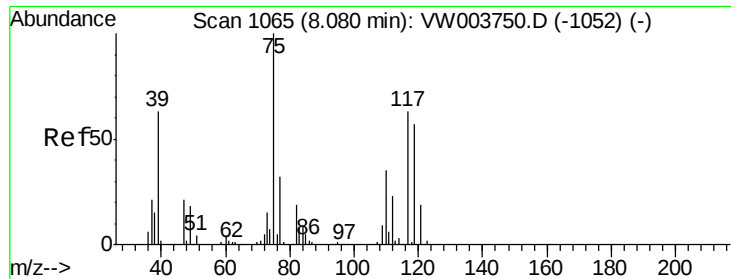
#35
 Dibromofluoromethane
 Concen: 48.82 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

Tgt Ion:113 Resp: 57859
 Ion Ratio Lower Upper
 113 100
 111 102.8 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

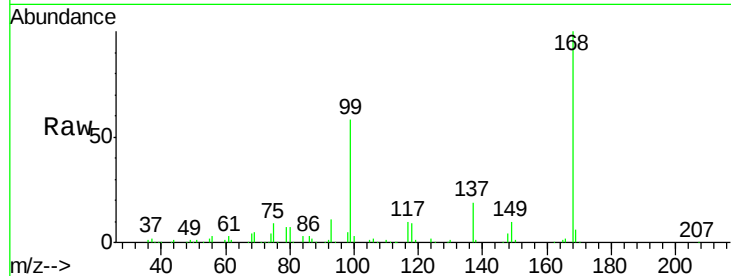




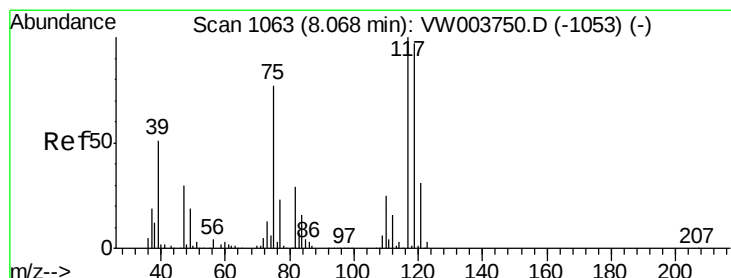
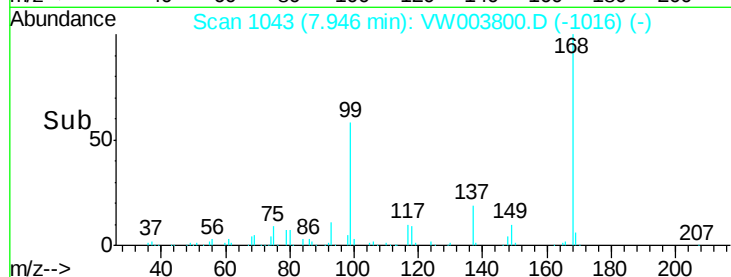
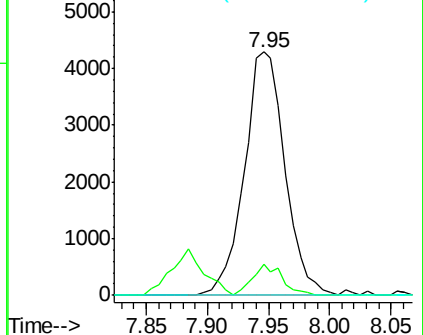
#36
 1,1-Dichloropropene
 Concen: 5.52 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-4

Tot Ion: 75 Resp: 9919
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.9 50.6#
 77 0.0 24.8 37.2#

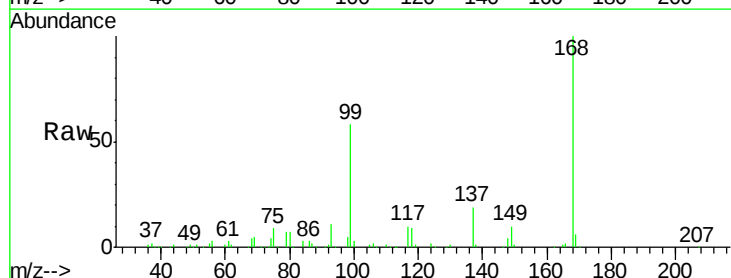


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

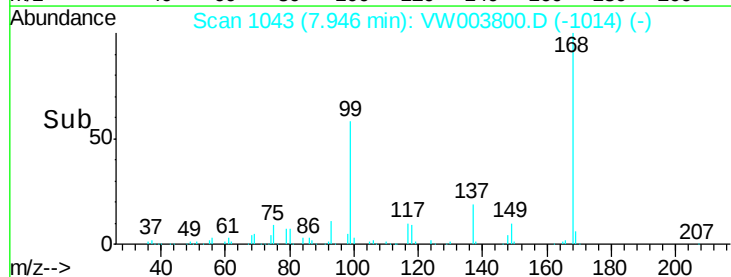
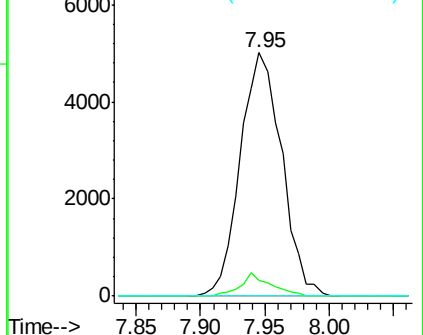


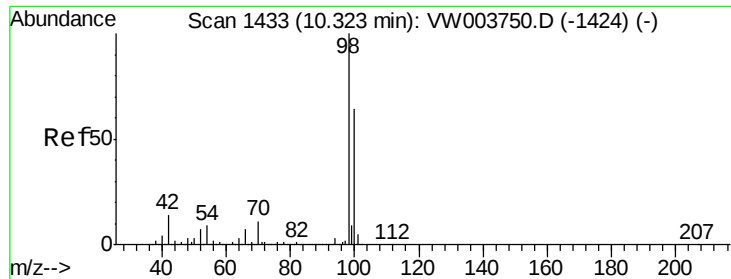
#38
 Carbon Tetrachloride
 Concen: 6.53 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003800.D
 Acq: 10 Jul 2018 02:49

Tgt Ion: 117 Resp: 11150
 Ion Ratio Lower Upper
 117 100
 119 6.5 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: 31.40 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

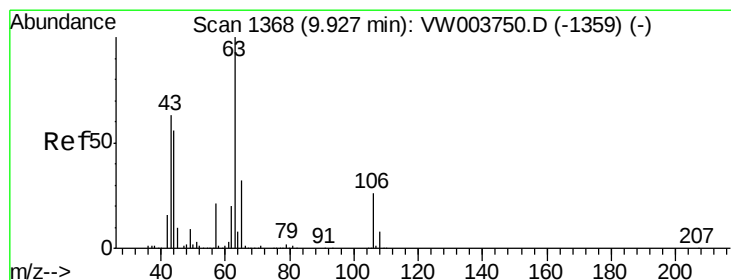
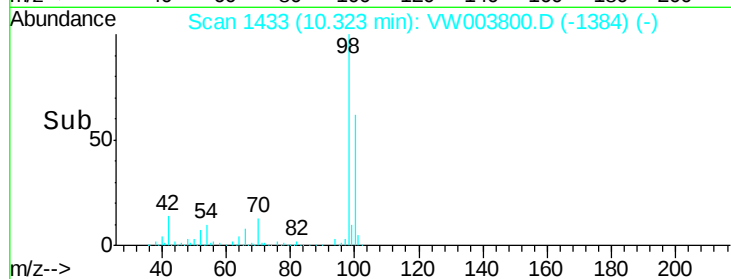
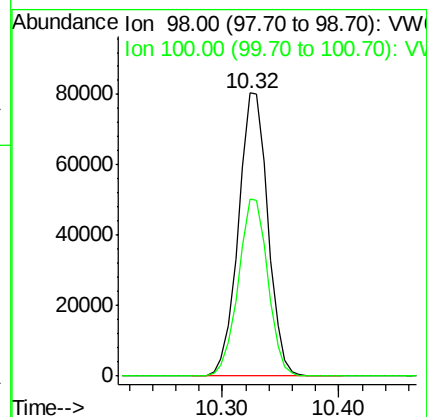
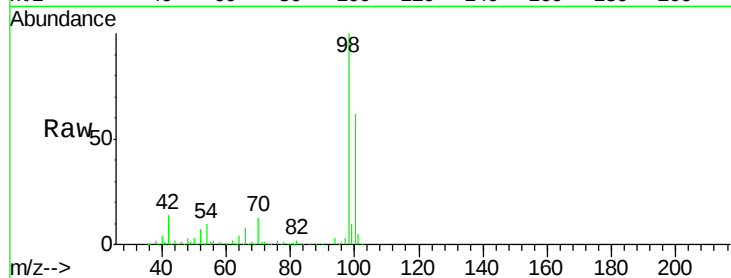
SURCHARGE-SP-4

Tot Ion: 98 Resp: 142357

Ion Ratio Lower Upper

98 100

100 62.4 50.8 76.2



#58

2-Chloroethyl Vinyl ether

Concen: 13.28 ug/l

RT: 9.94 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VW003800.D

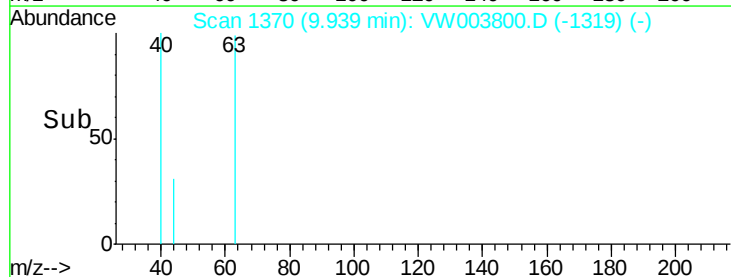
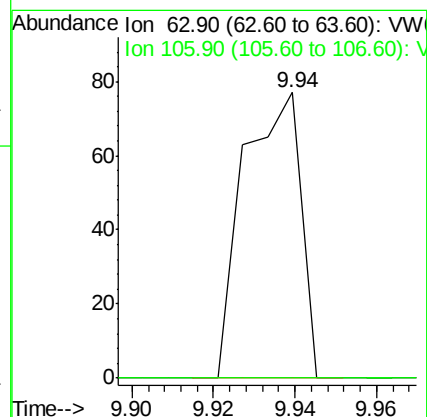
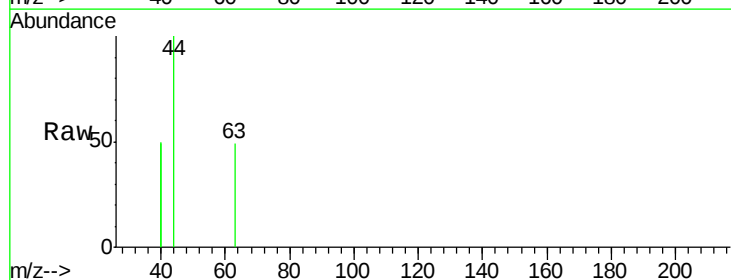
Acq: 10 Jul 2018 02:49

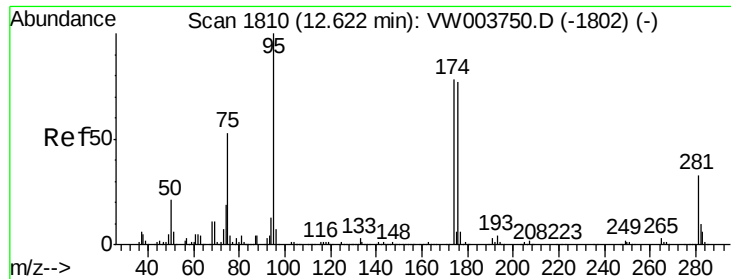
Tgt Ion: 63 Resp: 75

Ion Ratio Lower Upper

63 100

106 0.0 20.9 31.3#

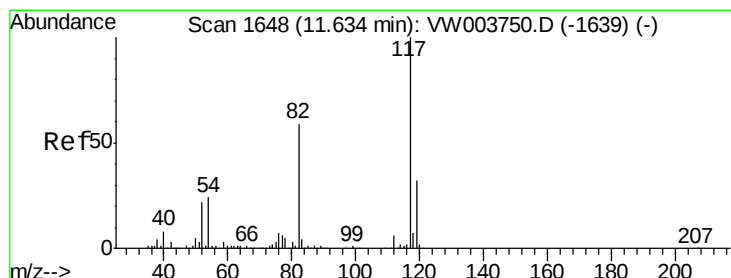
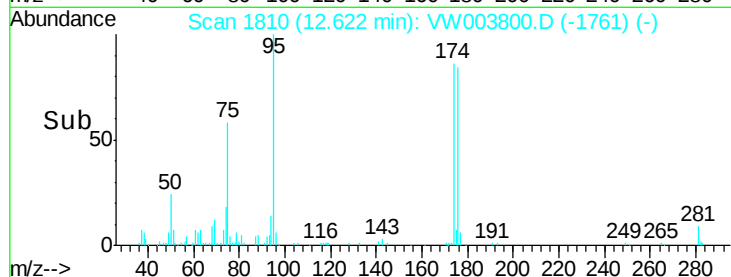
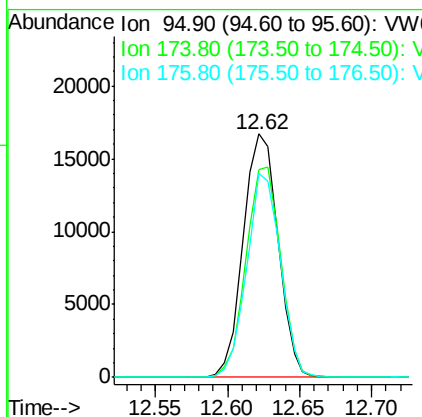
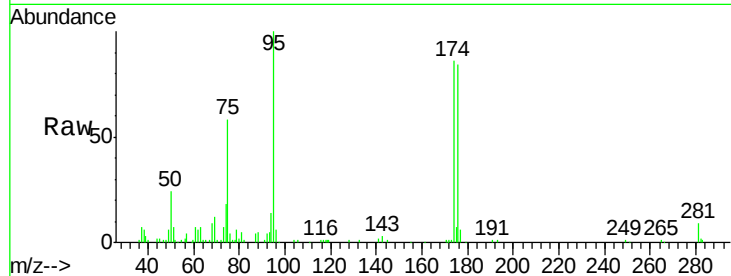




#62
4-Bromofluorobenzene
Concen: 17.00 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003800.D
Acq: 10 Jul 2018 02:49

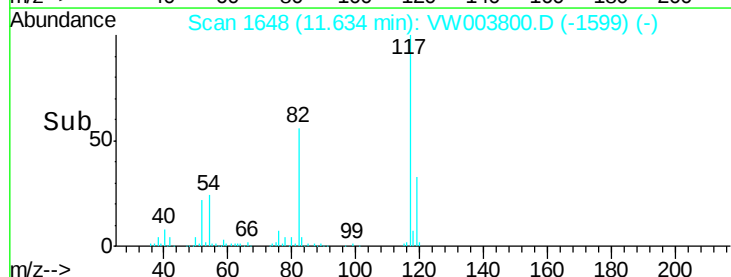
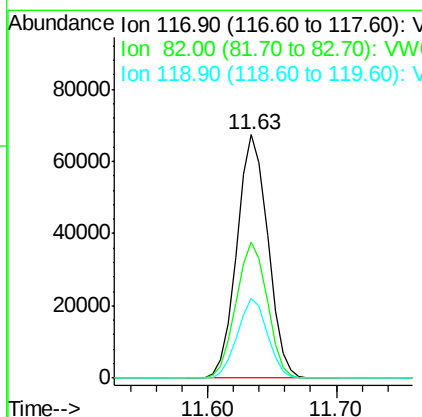
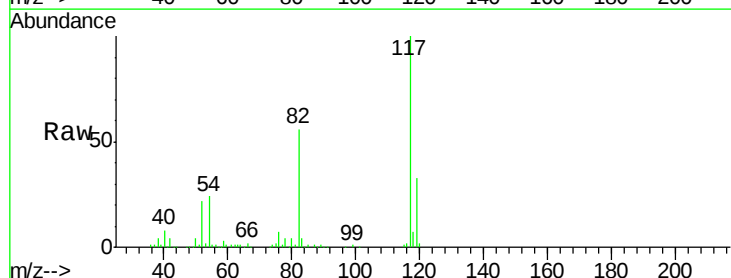
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-4

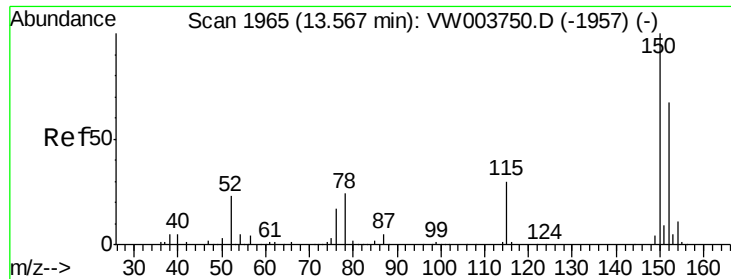
Tot Ion: 95 Resp: 27881
Ion Ratio Lower Upper
95 100
174 86.2 0.0 163.4
176 81.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003800.D
Acq: 10 Jul 2018 02:49

Tgt Ion: 117 Resp: 111794
Ion Ratio Lower Upper
117 100
82 56.1 46.9 70.3
119 33.0 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: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-4

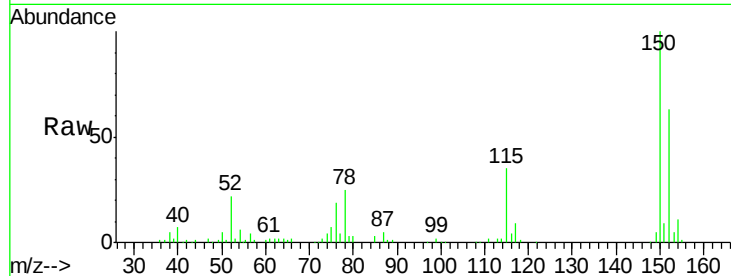
Tot Ion:152 Resp: 24448

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.8

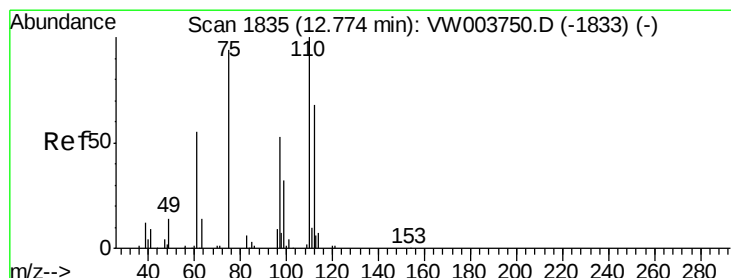
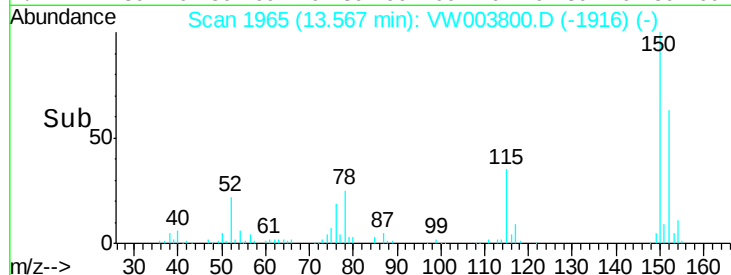
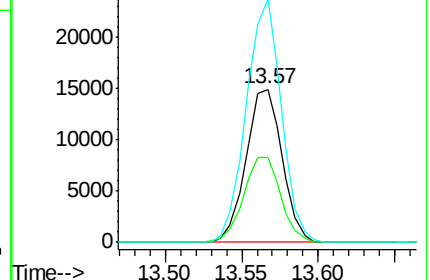
150 154.1 0.0 342.4



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: 63.82 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003800.D

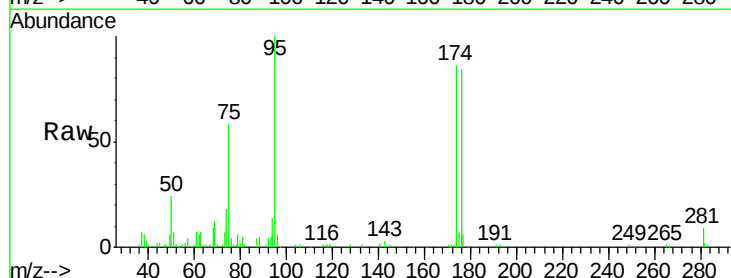
Acq: 10 Jul 2018 02:49

Tgt Ion: 75 Resp: 15322

Ion Ratio Lower Upper

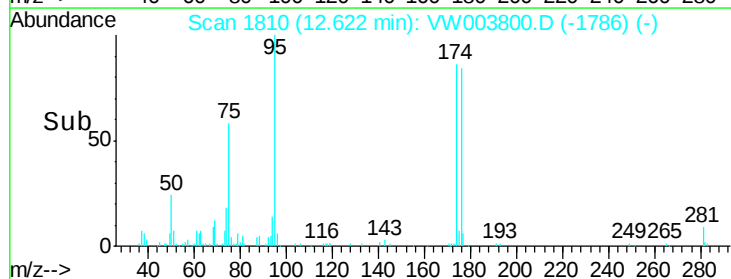
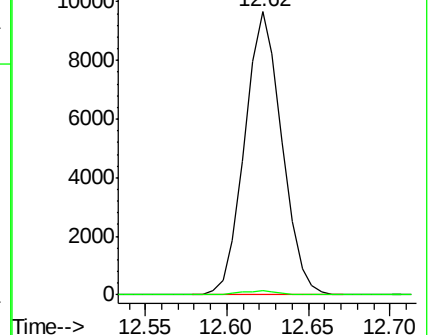
75 100

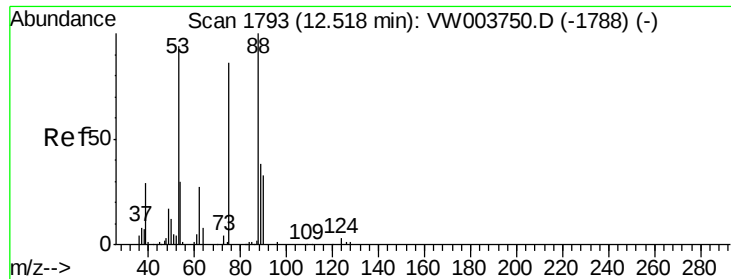
77 1.4 0.0 0.0#



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: 156.12 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003800.D

Acq: 10 Jul 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-4

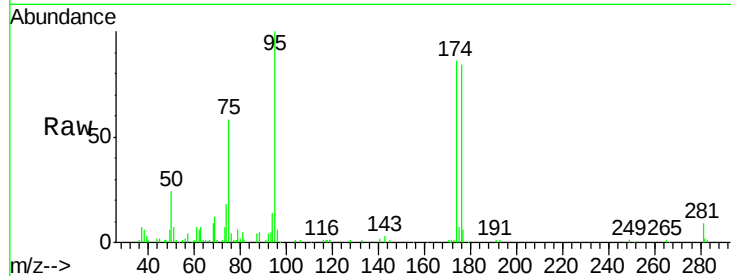
Tot Ion: 75 Resp: 15322

Ion Ratio Lower Upper

75 100

53 0.8 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

