

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003803.D
 Acq On : 10 Jul 2018 04:07
 Operator : SY/AP
 Sample : J3879-14
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-7

Quant Time: Jul 10 06:50:52 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	94883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	151708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	19600	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	58591	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
35) Dibromofluoromethane	7.88	113	52826	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.33	98	122250	30.10	ug/l	0.00
Spiked Amount			Recovery	=	60.20%	
62) 4-Bromofluorobenzene	12.63	95	23473	15.97	ug/l	0.00
Spiked Amount			Recovery	=	31.94%	

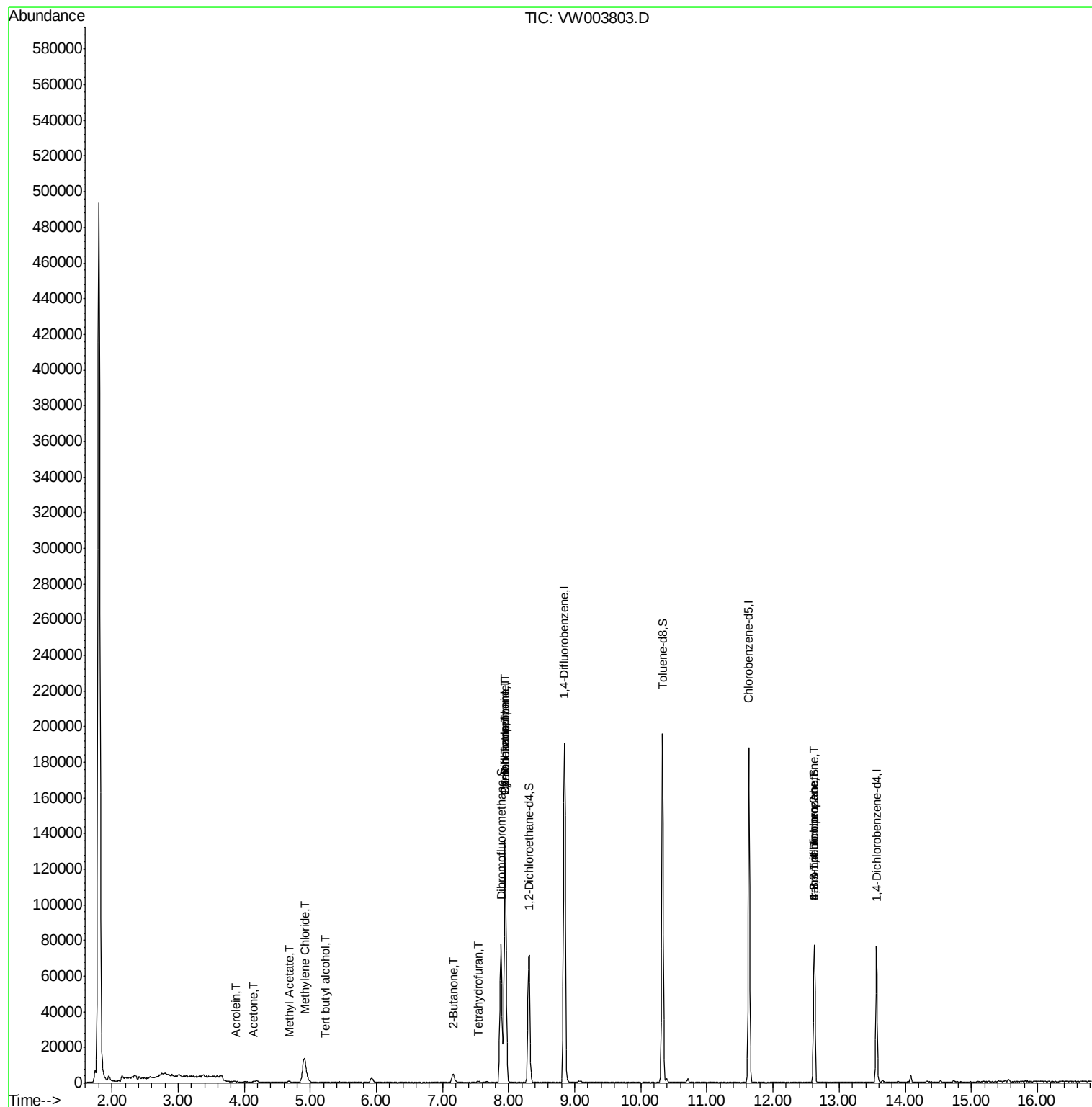
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	279	4.15	ug/l #	70
13) Acrolein	3.87	56	20	4.92	ug/l #	48
16) Acetone	4.14	43	749	3.48	ug/l #	46
18) Methyl Acetate	4.68	43	974	1.60	ug/l #	87
20) Methylene Chloride	4.91	84	12462	8.21	ug/l	97
25) 2-Butanone	7.16	43	495	1.47	ug/l #	51
29) Tetrahydrofuran	7.54	42	427	1.97	ug/l #	51
31) Cyclohexane	7.95	56	2642	1.46	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8457	5.25	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9777	6.39	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	12696	65.96	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	12696	161.36	ug/l #	7

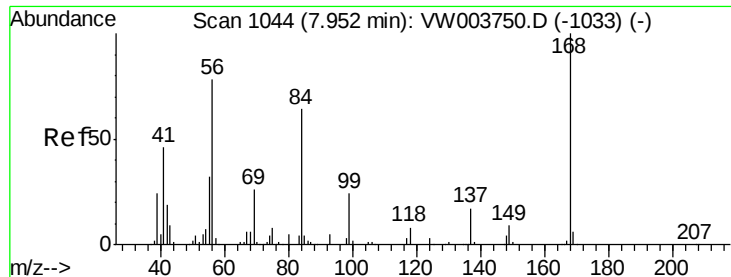
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003803.D
Acq On : 10 Jul 2018 04:07
Operator : SY/AP
Sample : J3879-14
Misc : 5.20G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-7

Quant Time: Jul 10 06:50:52 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# 1043

Delta R.T. -0.01 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

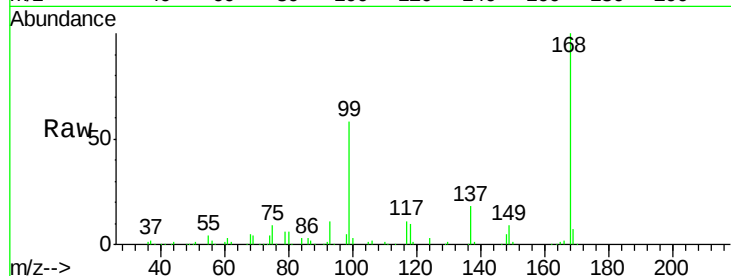
SURCHARGE-SP-7

Tot Ion:168 Resp: 94883

Ion Ratio Lower Upper

168 100

99 58.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

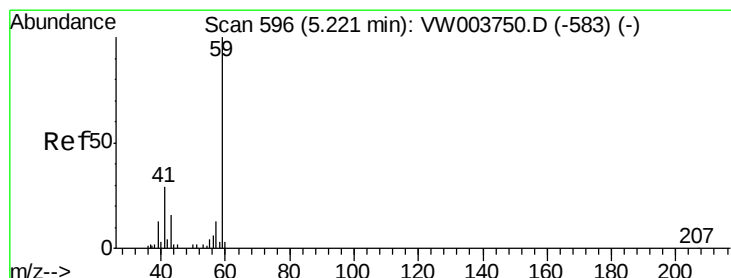
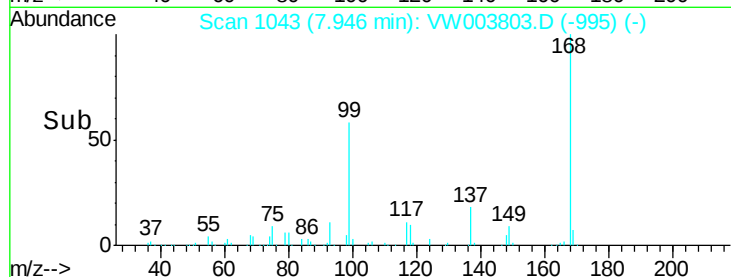
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 4.15 ug/l

RT: 5.23 min Scan# 597

Delta R.T. 0.01 min

Lab File: VW003803.D

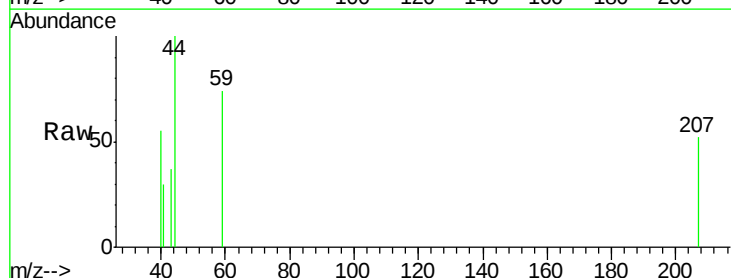
Acq: 10 Jul 2018 04:07

Tgt Ion: 59 Resp: 279

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

5.23

150

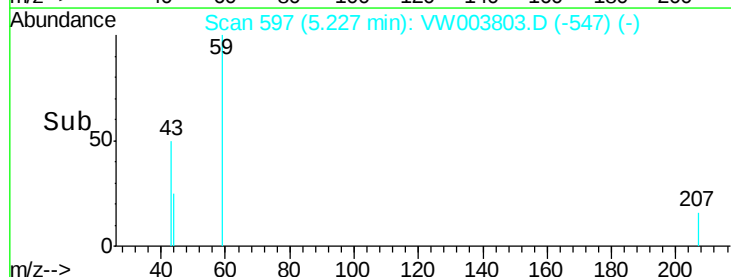
100

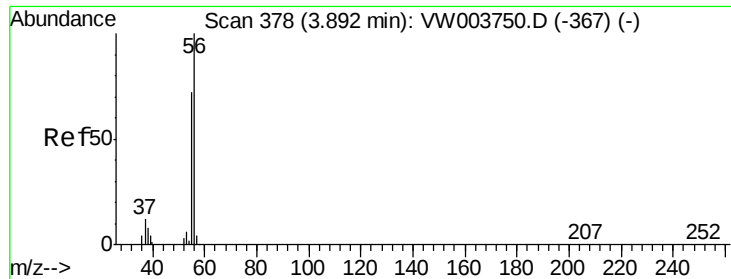
50

0

5.15 5.20 5.25

Time-->





#13

Acrolein

Concen: 4.92 ug/l

RT: 3.87 min Scan# 375

Delta R.T. -0.02 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

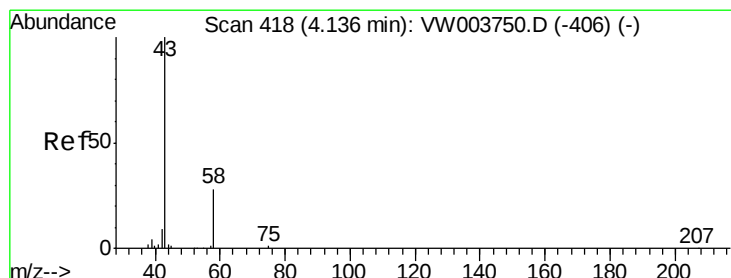
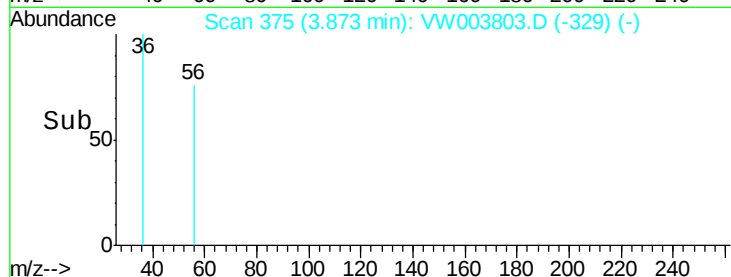
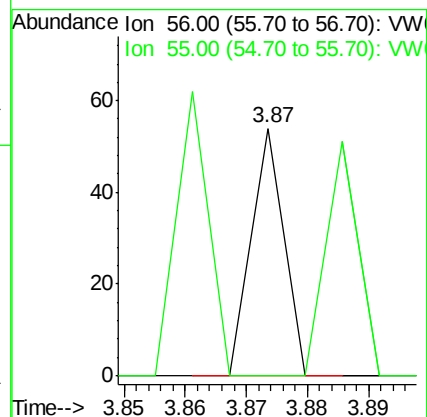
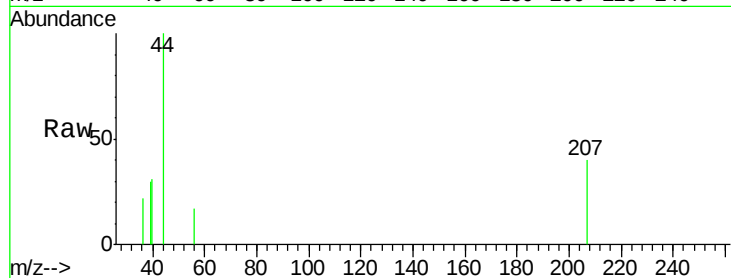
SURCHARGE-SP-7

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 115.0 57.5 86.3#



#16

Acetone

Concen: 3.48 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003803.D

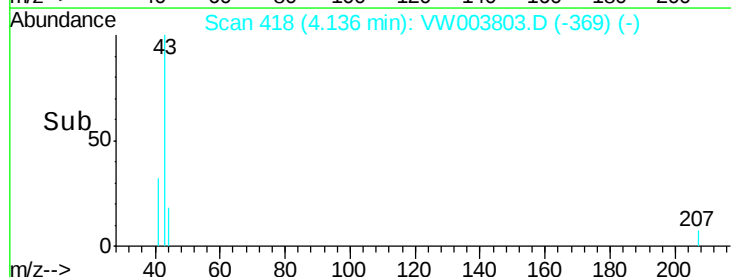
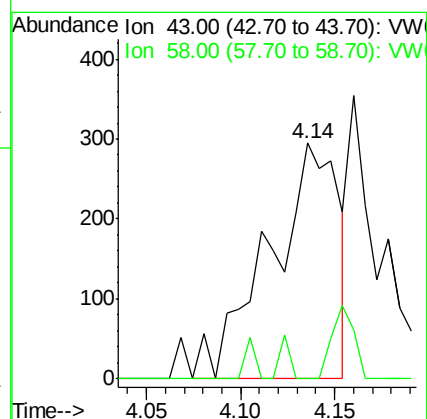
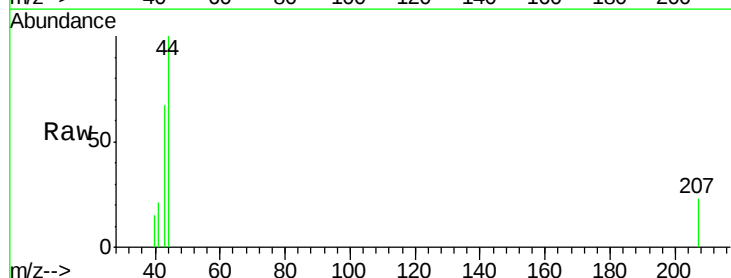
Acq: 10 Jul 2018 04:07

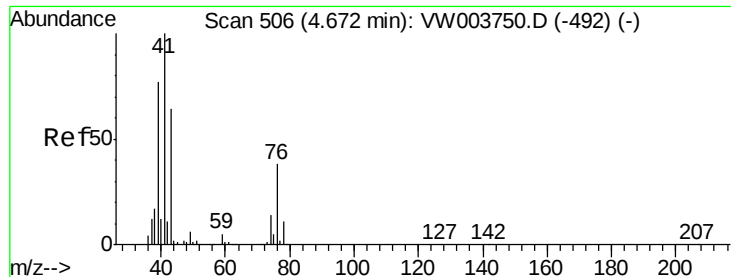
Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

58 0.0 22.6 34.0#

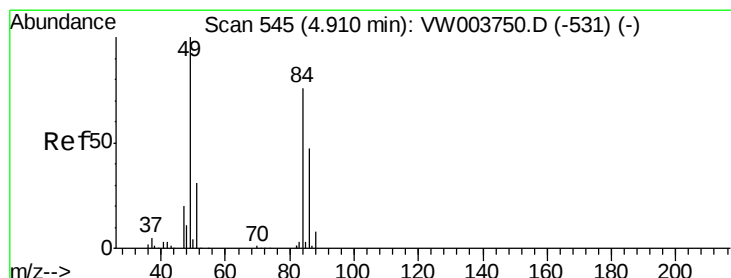
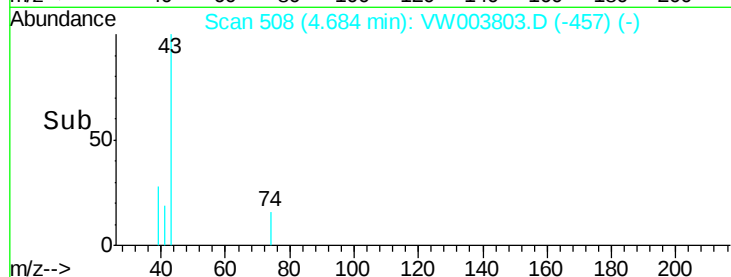
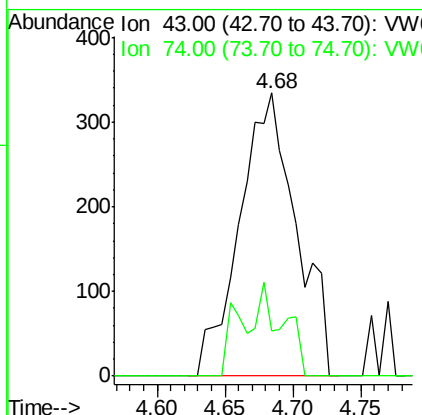
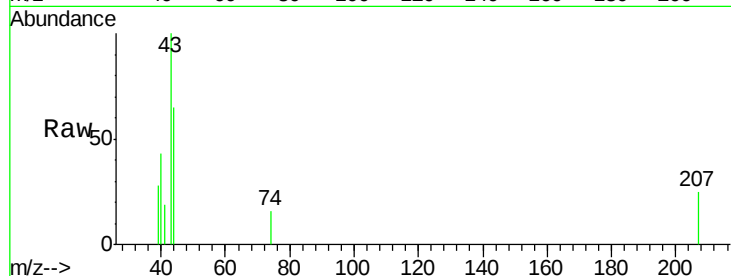




#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.01 min
Lab File: VW003803.D
Acq: 10 Jul 2018 04:07

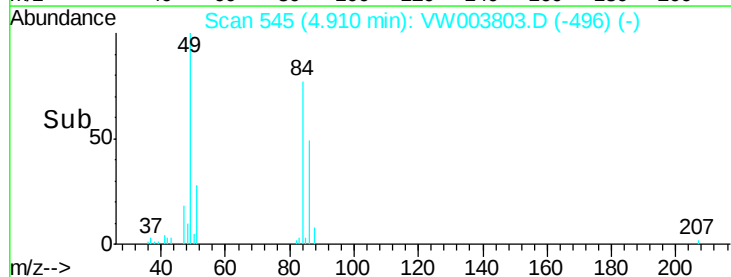
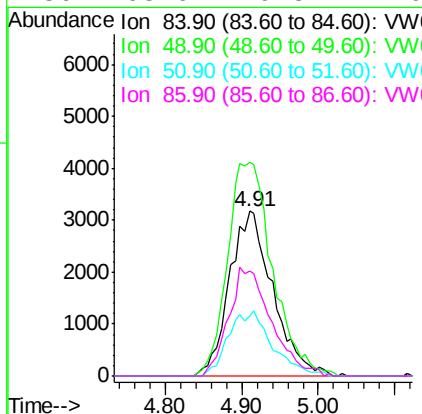
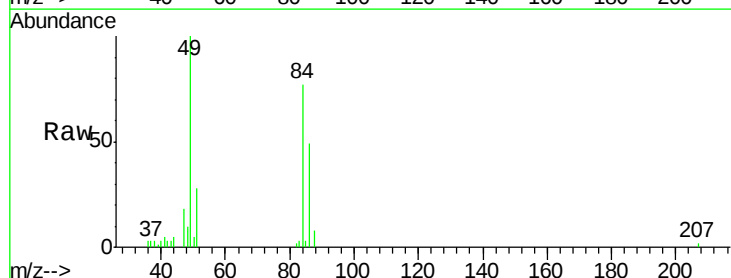
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-7

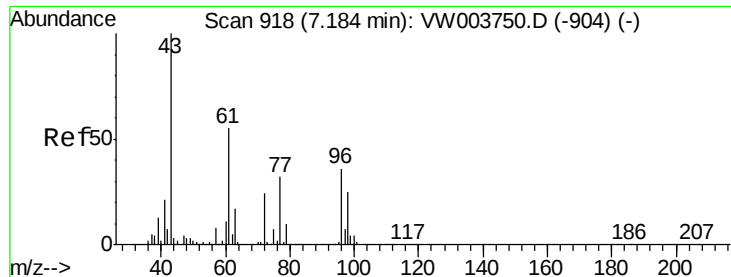
Tot Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
74 15.6 17.3 25.9#



#20
Methylene Chloride
Concen: 8.21 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003803.D
Acq: 10 Jul 2018 04:07

Tgt Ion: 84 Resp: 12462
Ion Ratio Lower Upper
84 100
49 129.4 105.1 157.7
51 36.3 32.5 48.7
86 63.6 49.8 74.6





#25

2-Butanone

Concen: 1.47 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

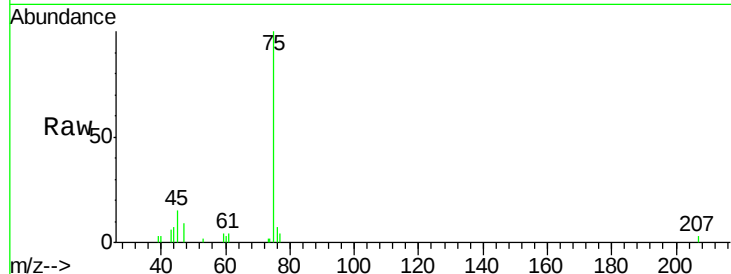
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-7

Tot Ion: 43 Resp: 495

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

7.16

150

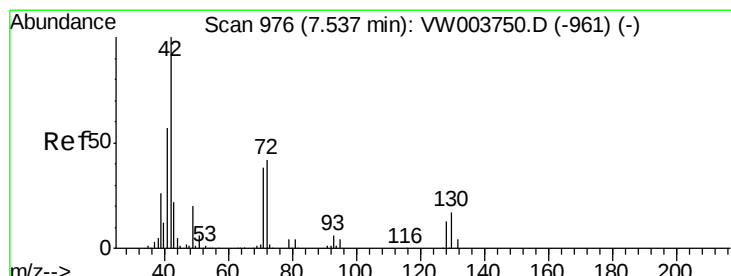
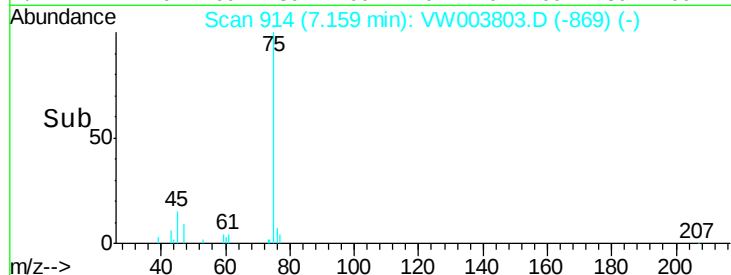
100

50

0

7.10 7.15 7.20

Time-->



#29

Tetrahydrofuran

Concen: 1.97 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

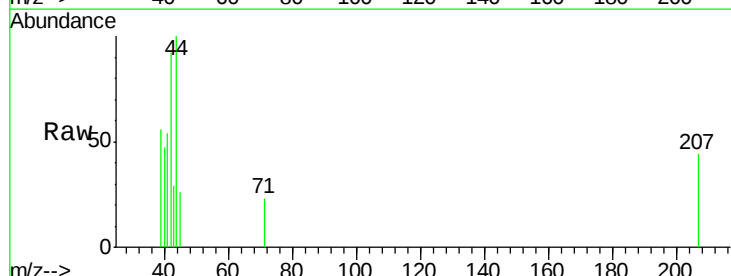
Tgt Ion: 42 Resp: 427

Ion Ratio Lower Upper

42 100

72 5.9 31.8 47.8#

71 11.7 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

7.54

300

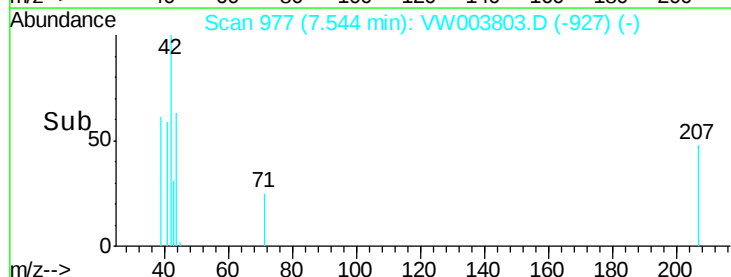
200

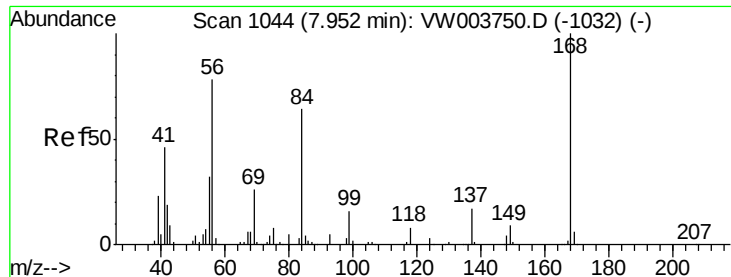
100

0

7.50 7.55 7.60

Time-->

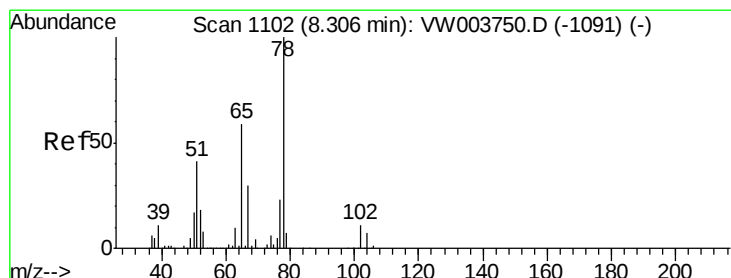
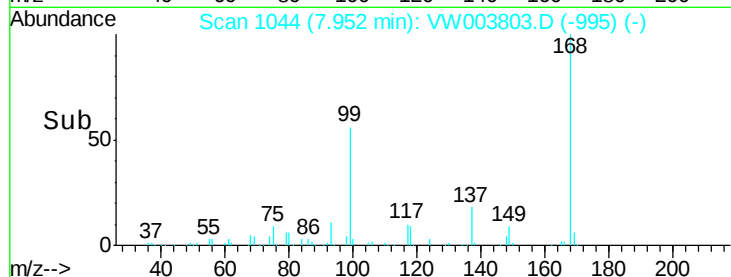
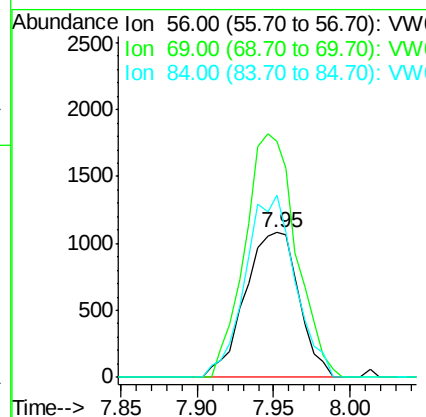
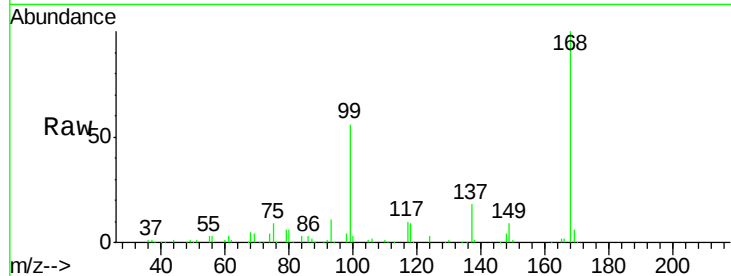




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003803.D
Acq: 10 Jul 2018 04:07

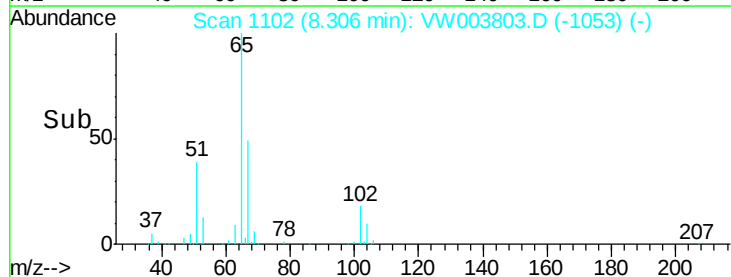
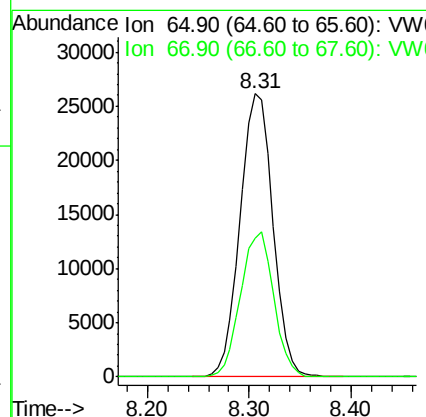
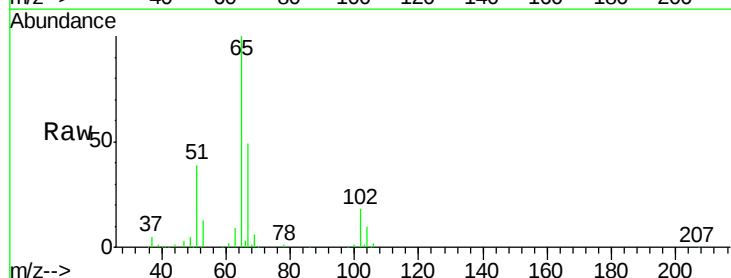
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-7

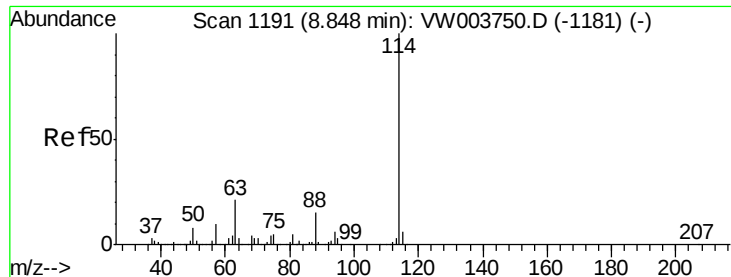
Tot Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
69 163.5 26.2 39.4#
84 126.4 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 47.22 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003803.D
Acq: 10 Jul 2018 04:07

Tgt Ion: 65 Resp: 58591
Ion Ratio Lower Upper
65 100
67 51.5 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: VW003803.D

Acq: 10 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-7

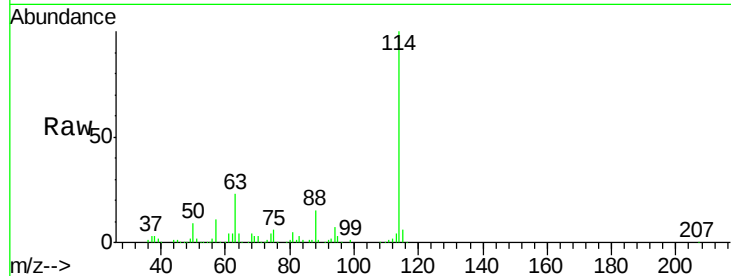
Tot Ion:114 Resp: 151708

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

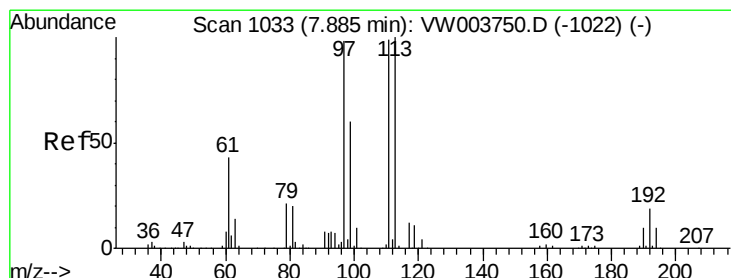
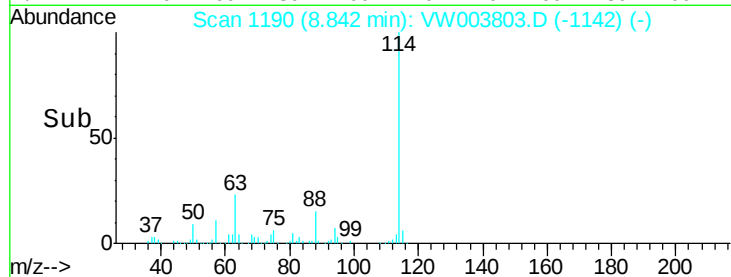
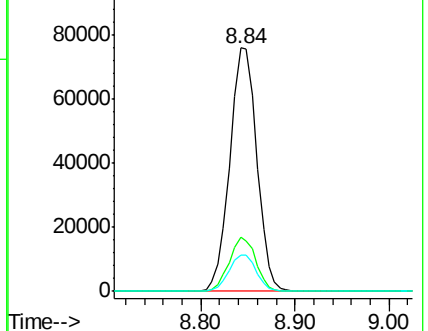
88 14.9 0.0 30.2



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: 49.75 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

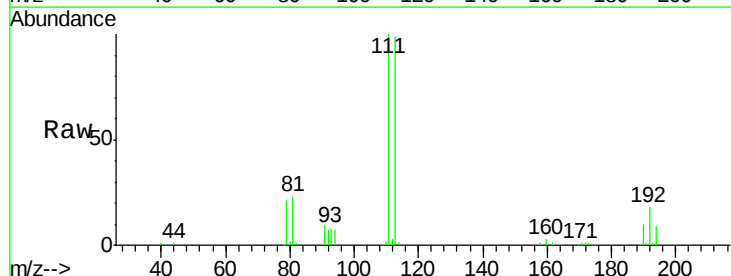
Tgt Ion:113 Resp: 52826

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

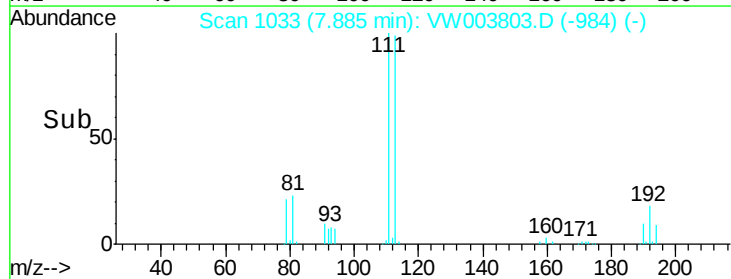
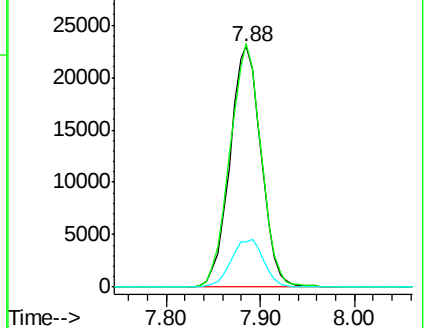
192 20.7 15.8 23.8

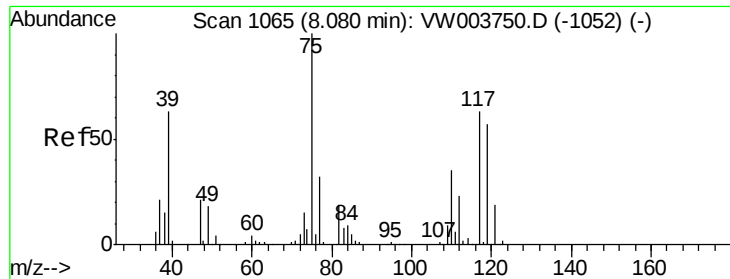


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

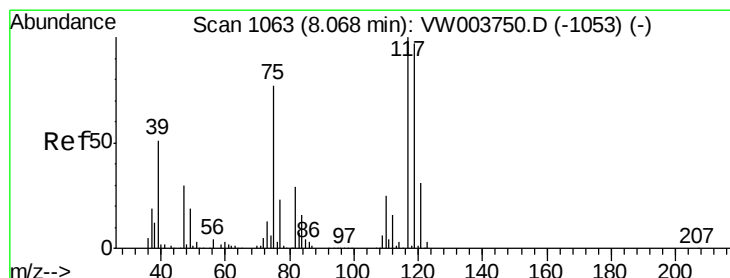
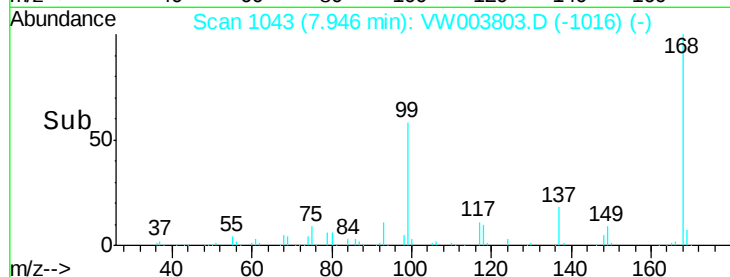
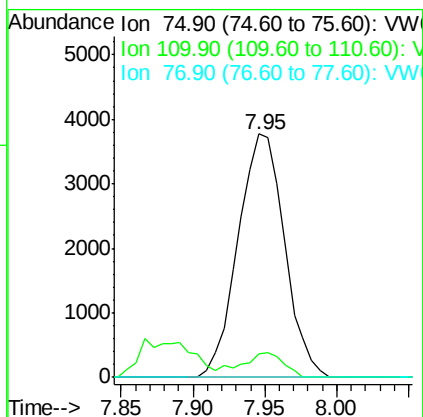
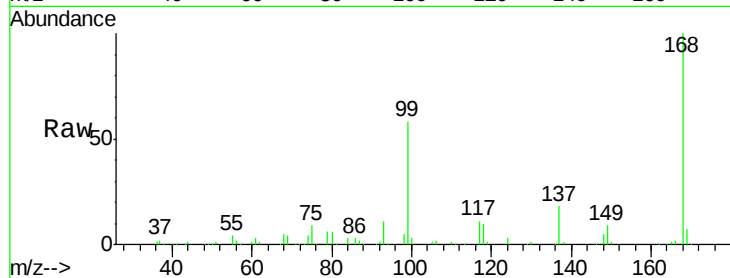




#36
 1,1-Dichloropropene
 Concen: 5.25 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003803.D
 Acq: 10 Jul 2018 04:07

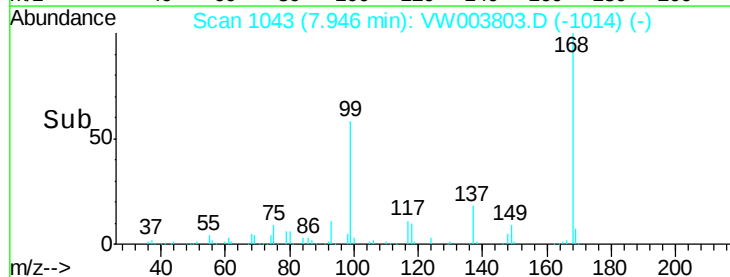
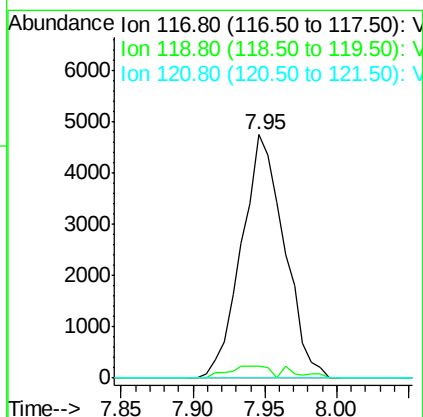
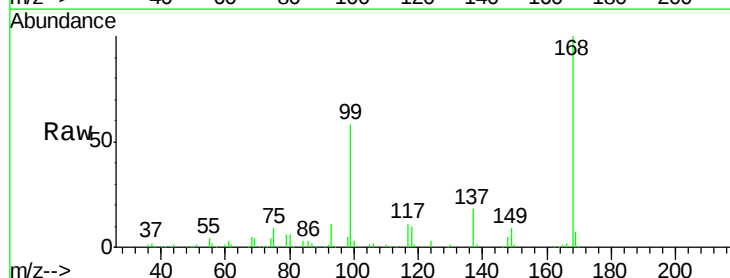
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-7

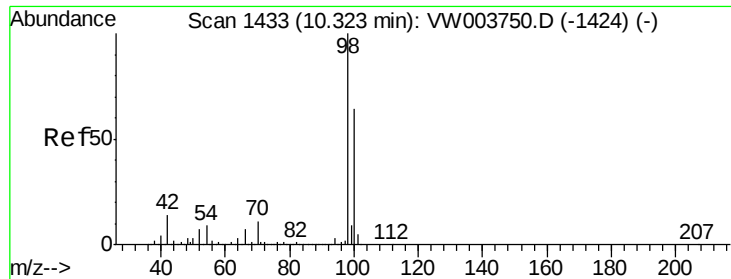
Tot Ion: 75 Resp: 8457
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.39 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003803.D
 Acq: 10 Jul 2018 04:07

Tgt Ion: 117 Resp: 9777
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 30.10 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

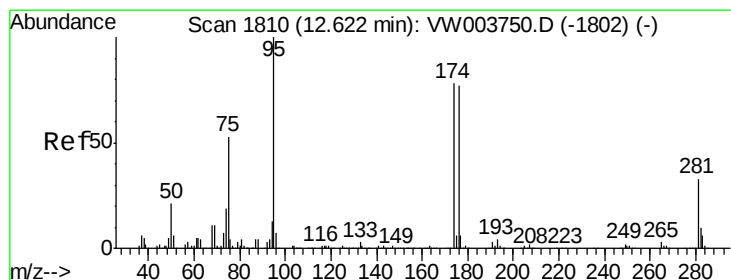
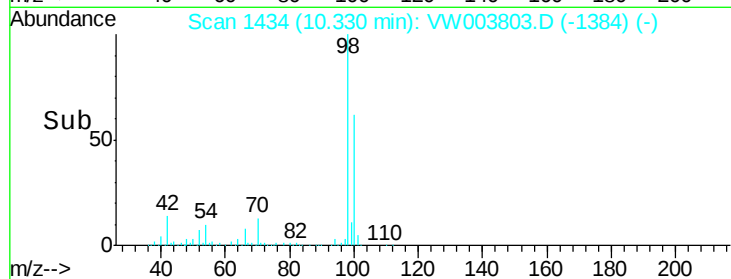
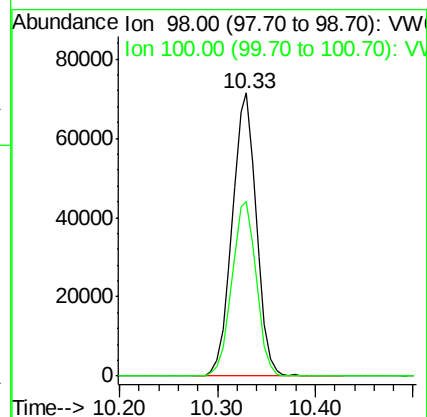
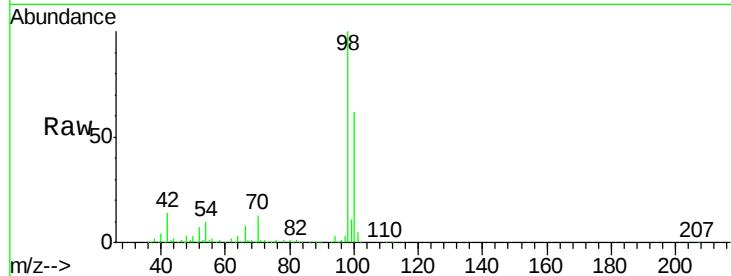
SURCHARGE-SP-7

Tot Ion: 98 Resp: 122250

Ion Ratio Lower Upper

98 100

100 62.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 15.97 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

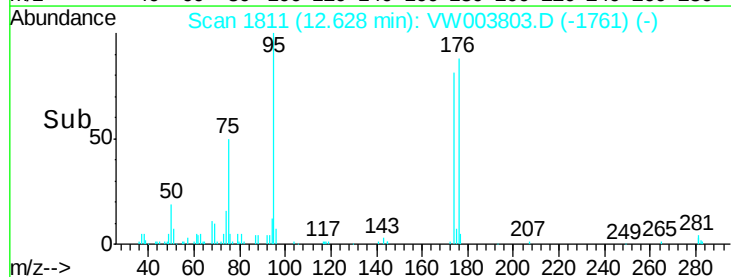
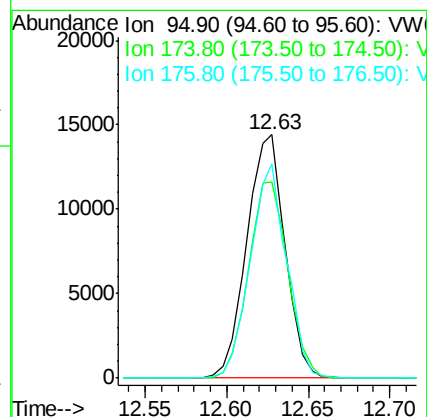
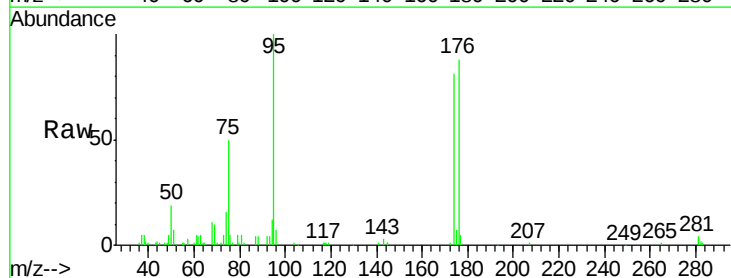
Tgt Ion: 95 Resp: 23473

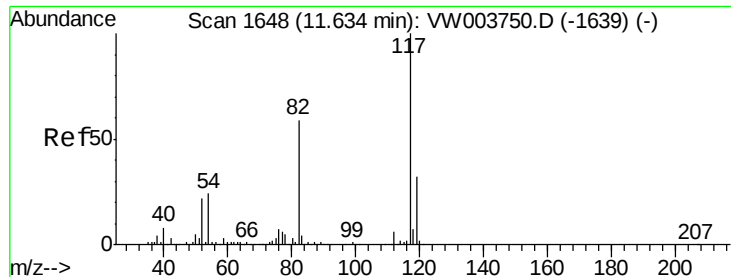
Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.4

176 83.6 0.0 156.8

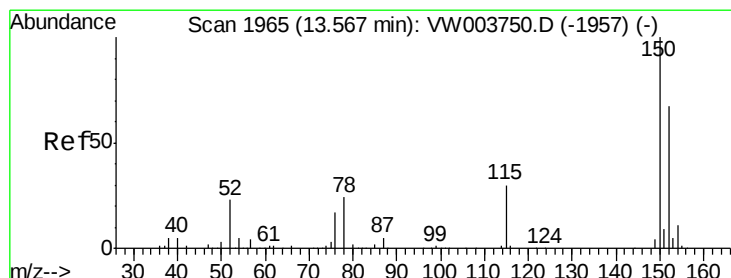
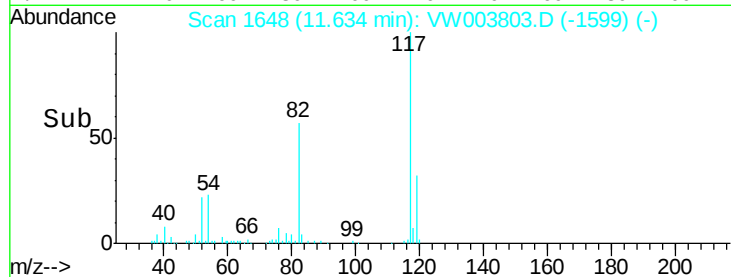
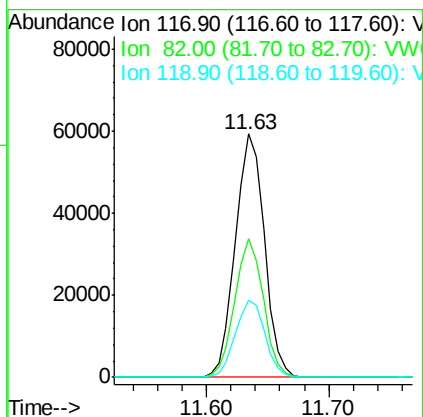
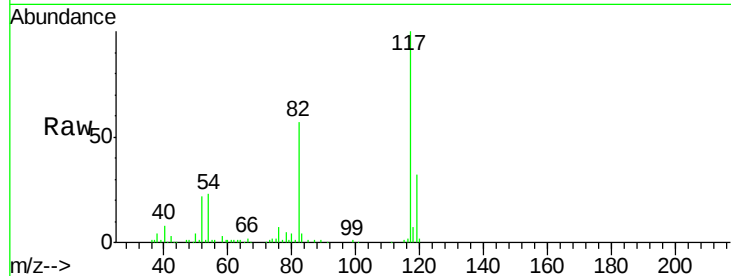




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003803.D
Acq: 10 Jul 2018 04:07

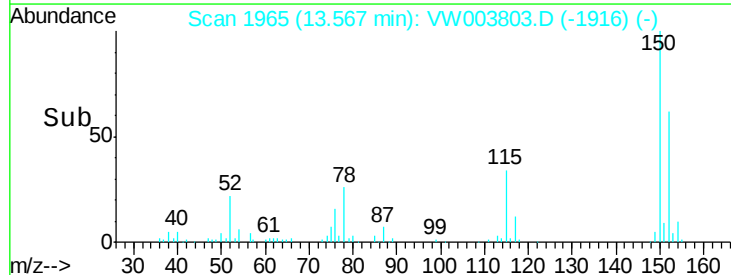
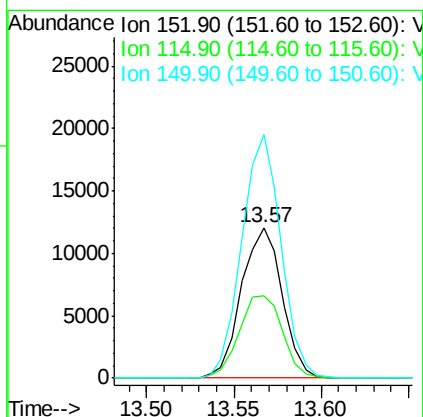
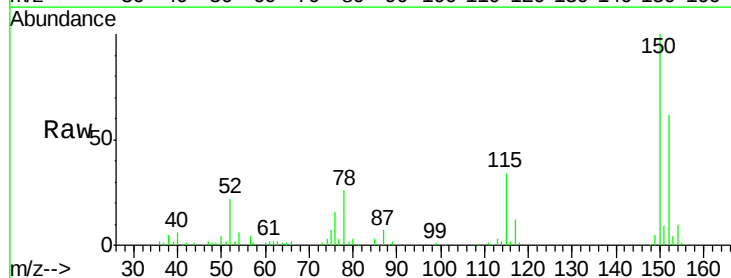
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-7

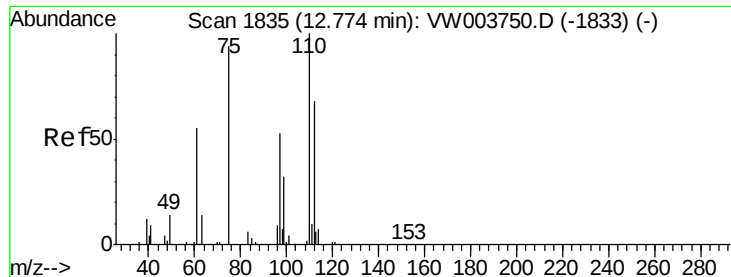
Tot Ion:117 Resp: 97761
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003803.D
Acq: 10 Jul 2018 04:07

Tgt Ion:152 Resp: 19600
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 155.9 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 65.96 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

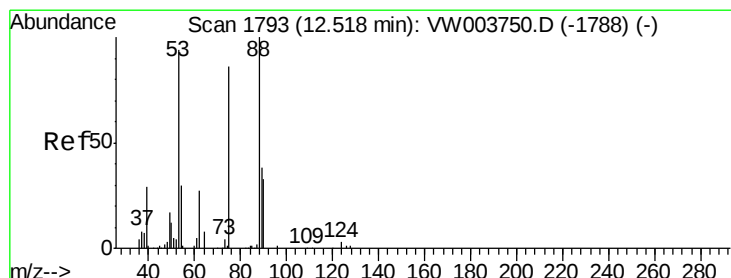
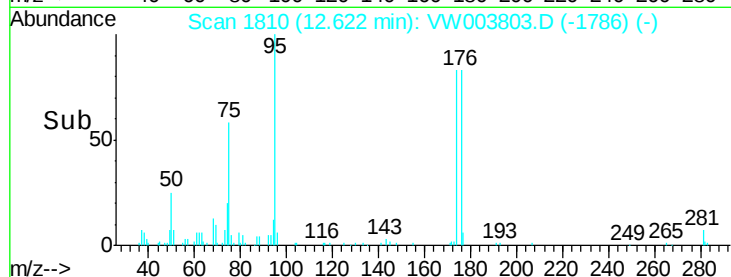
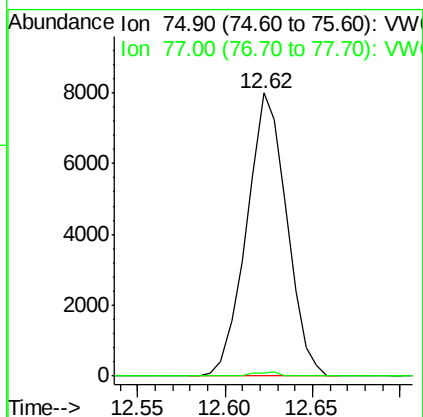
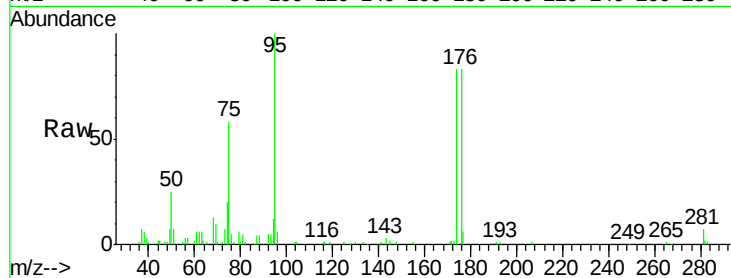
SURCHARGE-SP-7

Tot Ion: 75 Resp: 12696

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.36 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003803.D

Acq: 10 Jul 2018 04:07

Tgt Ion: 75 Resp: 12696

Ion Ratio Lower Upper

75 100

53 0.0 85.0 127.6#

89 0.0 36.3 54.5#

