

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003834.D
 Acq On : 10 Jul 2018 19:07
 Operator : SY/AP
 Sample : J3879-04RE
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-2RE

Quant Time: Jul 11 04:44:39 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	118428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	187714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	27129	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	57563	37.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.34%	
35) Dibromofluoromethane	7.88	113	51745	39.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.78%	
50) Toluene-d8	10.33	98	136074	27.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	54.16%	
62) 4-Bromofluorobenzene	12.62	95	26405	14.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	29.04%	

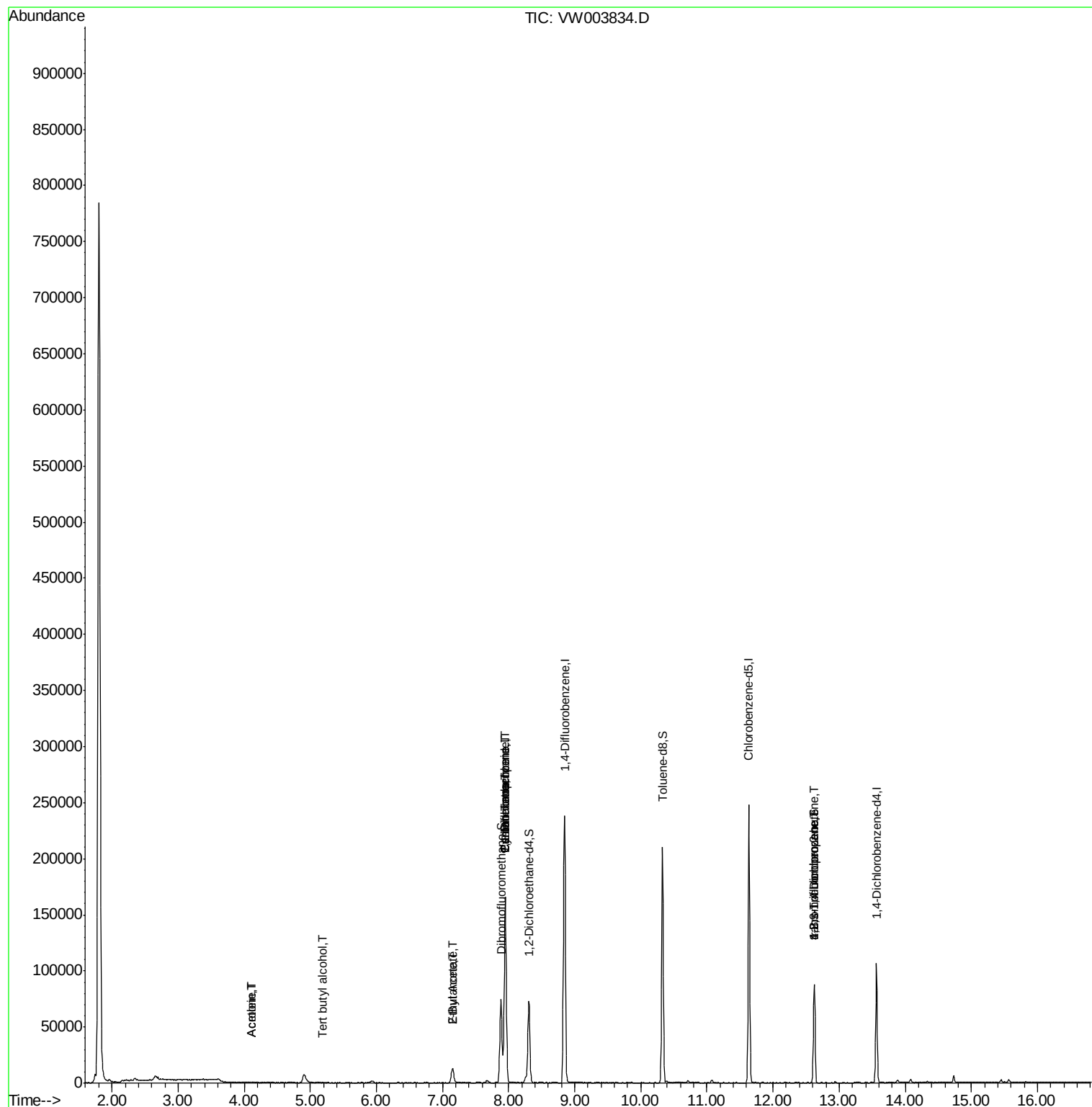
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	97	1.156	ug/l #	70
13) Acrolein	4.11	56	23	4.904	ug/l #	14
16) Acetone	4.12	43	899	3.346	ug/l	98
25) 2-Butanone	7.15	43	1011	2.402	ug/l #	51
31) Cyclohexane	7.95	56	3411	1.509	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	10561	5.302	ug/l #	49
37) Ethyl Acetate	7.15	43	1011	1.043	ug/l #	1
38) Carbon Tetrachloride	7.95	117	12634	6.672	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	14480	54.354	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	14480	132.963	ug/l #	7

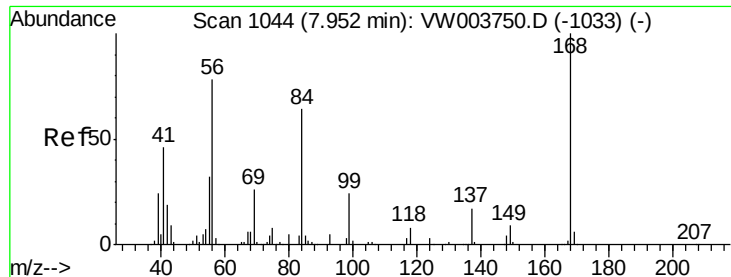
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003834.D

Acq: 10 Jul 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

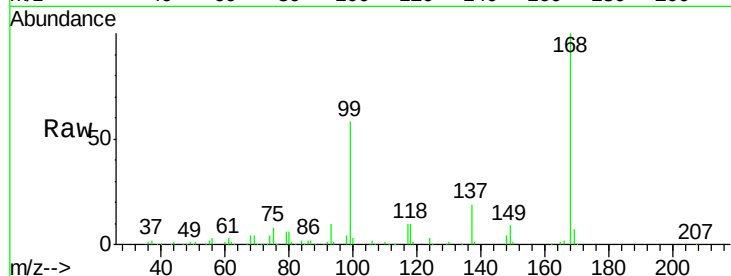
SURCHARGE-SP-2RE

Tot Ion:168 Resp: 118428

Ion Ratio Lower Upper

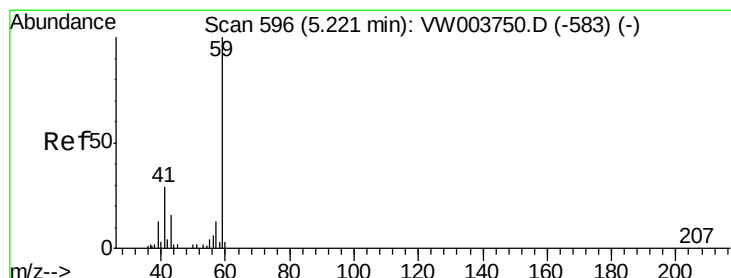
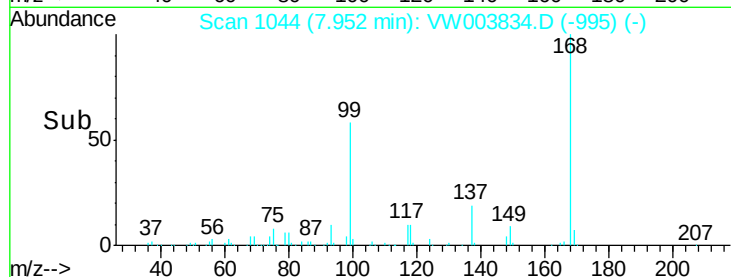
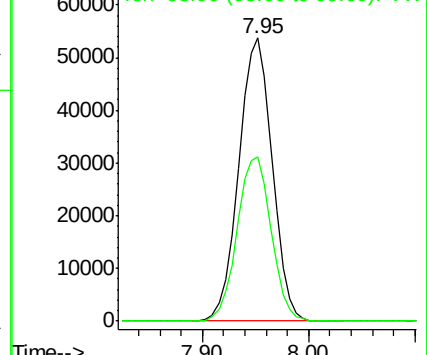
168 100

99 58.2 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: 1.156 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.04 min

Lab File: VW003834.D

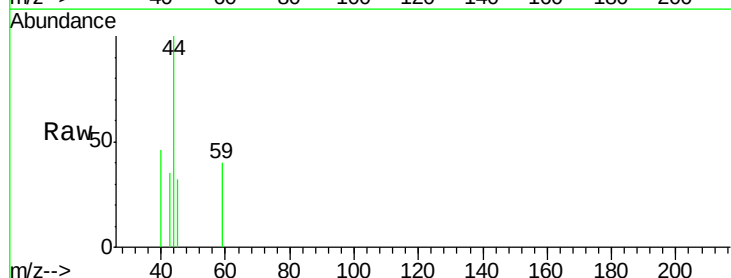
Acq: 10 Jul 2018 19:07

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

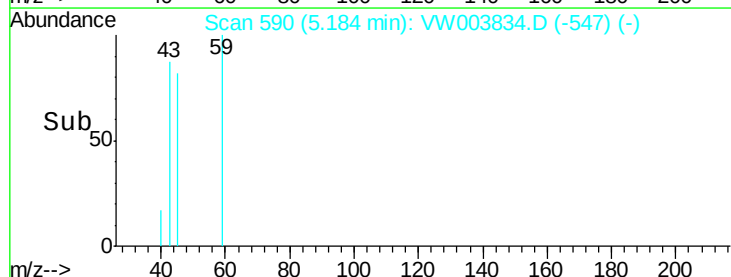
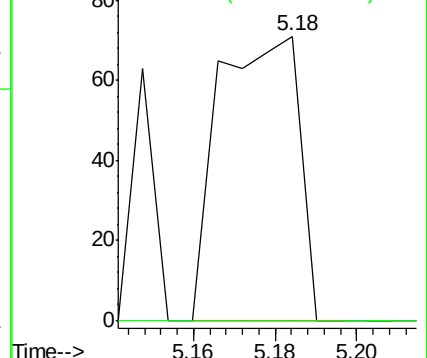
59 100

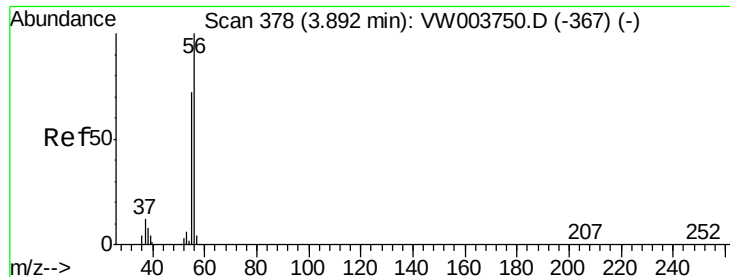
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.904 ug/l

RT: 4.11 min Scan# 413

Delta R.T. 0.21 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

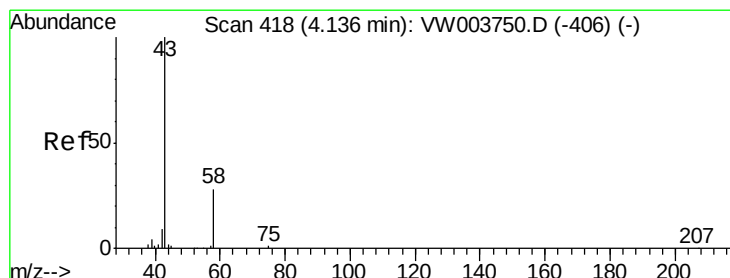
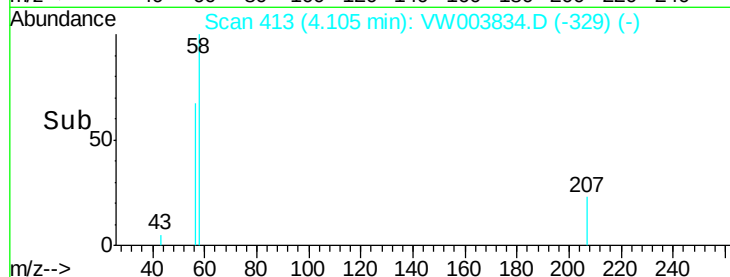
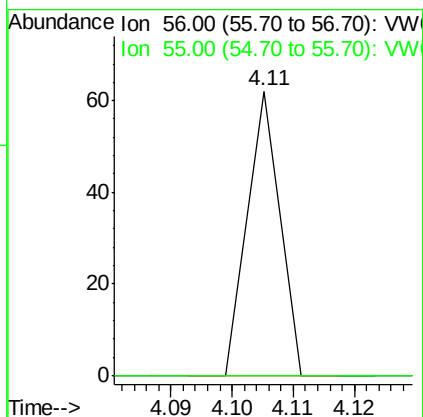
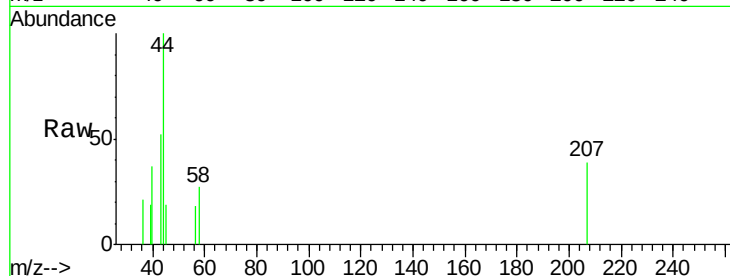
SURCHARGE-SP-2RE

Tot Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



#16

Acetone

Concen: 3.346 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003834.D

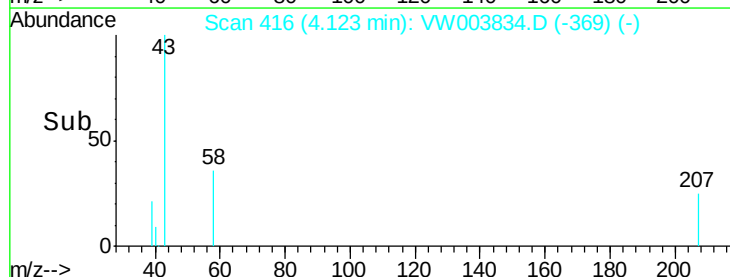
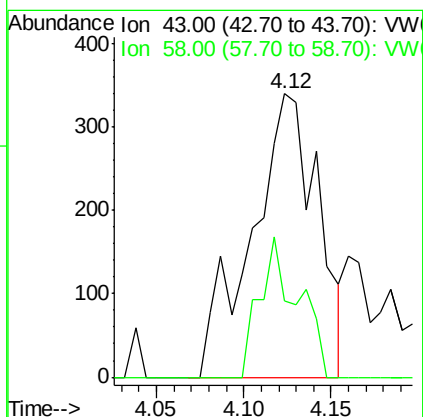
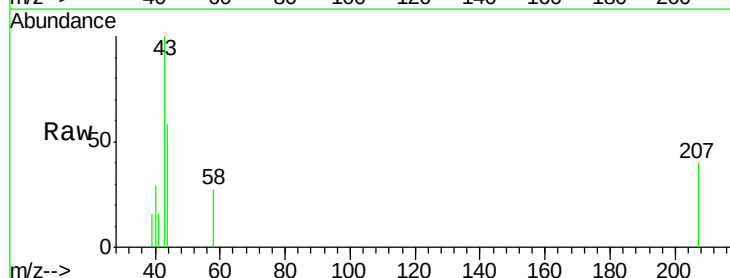
Acq: 10 Jul 2018 19:07

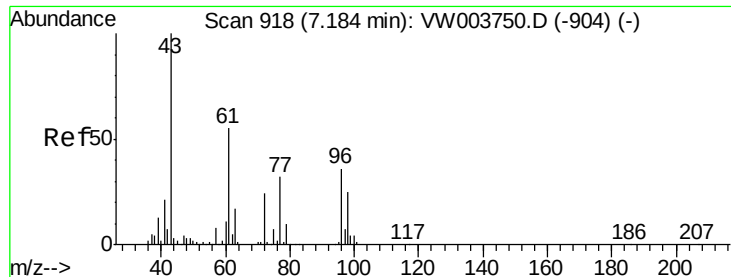
Tgt Ion: 43 Resp: 899

Ion Ratio Lower Upper

43 100

58 27.1 22.6 34.0





#25

2-Butanone

Concen: 2.402 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

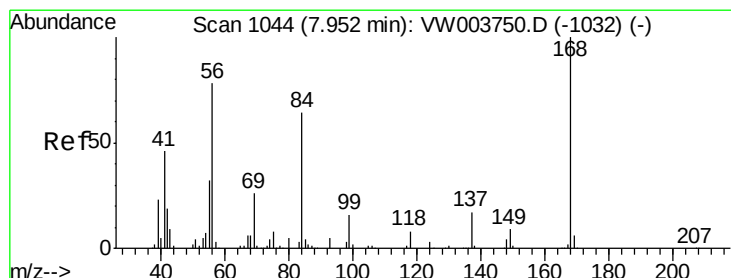
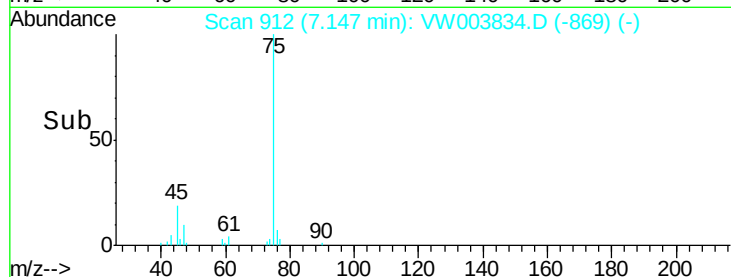
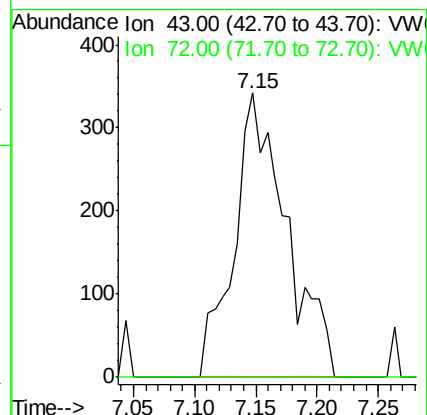
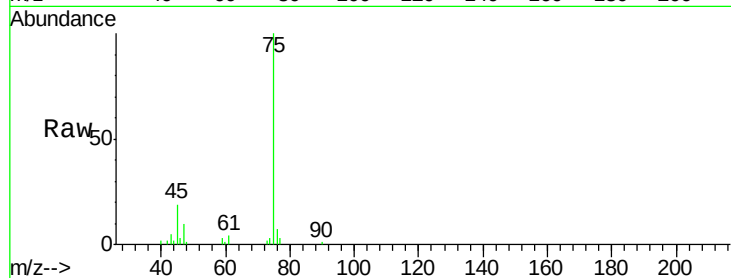
SURCHARGE-SP-2RE

Tot Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.509 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

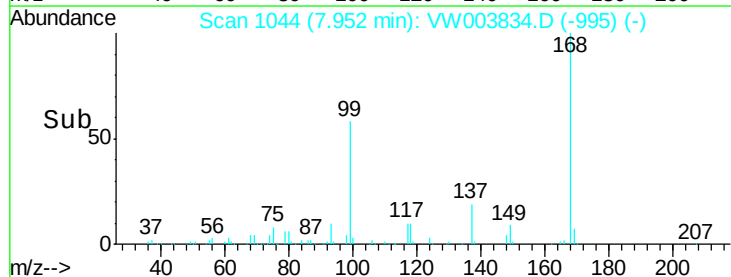
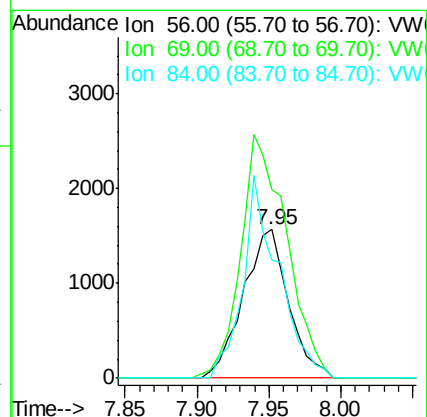
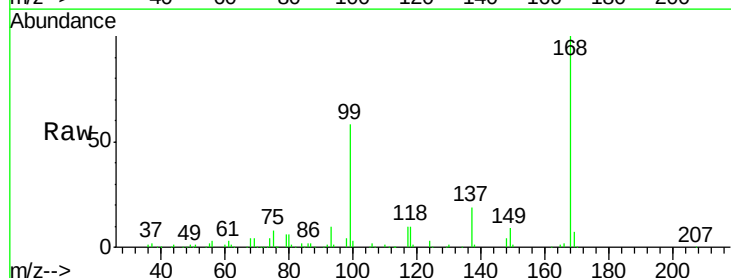
Tgt Ion: 56 Resp: 3411

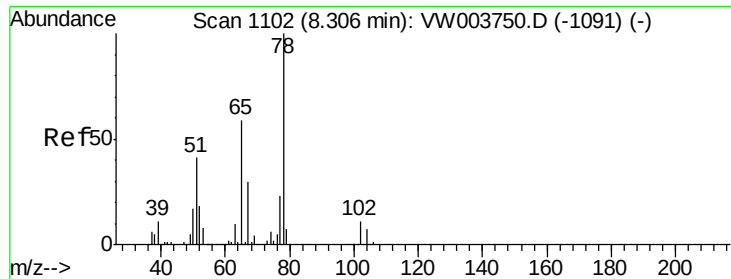
Ion Ratio Lower Upper

56 100

69 127.0 26.2 39.4#

84 79.7 65.5 98.3

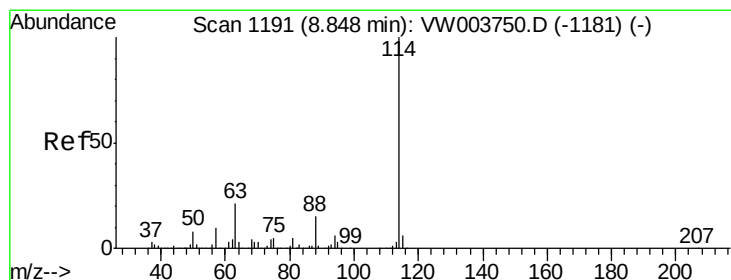
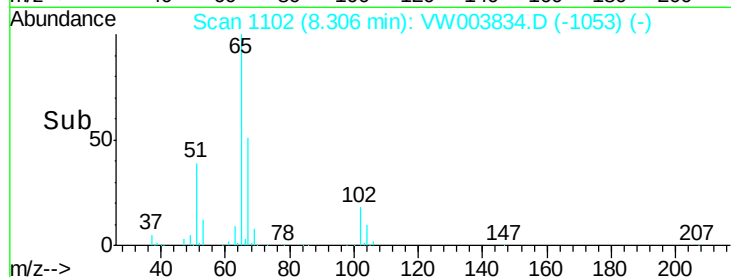
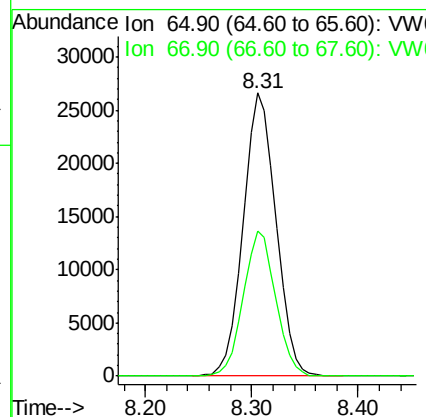
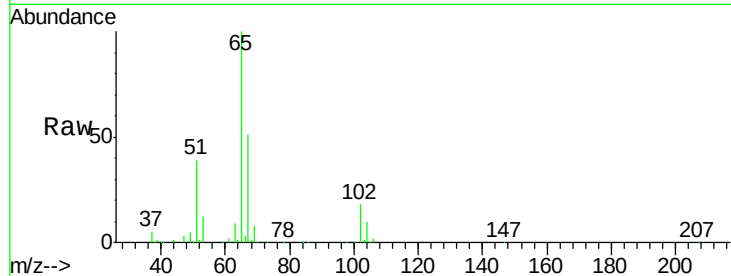




#33
 1,2-Dichloroethane-d4
 Concen: 37.168 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003834.D
 Acq: 10 Jul 2018 19:07

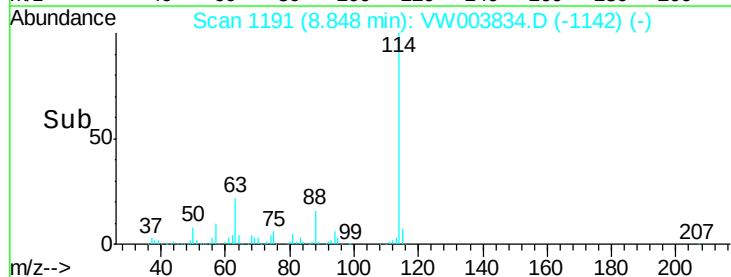
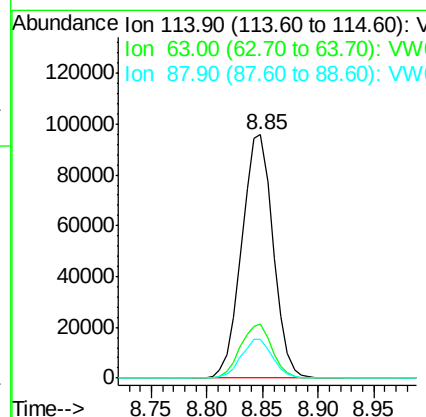
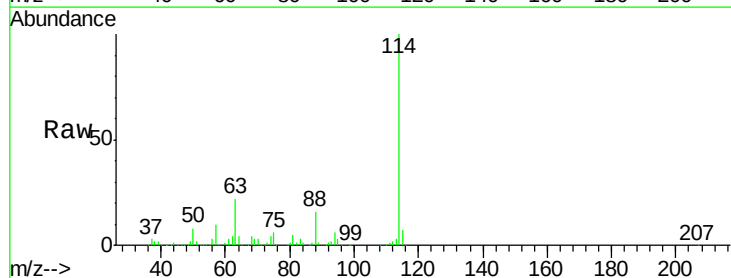
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-2RE

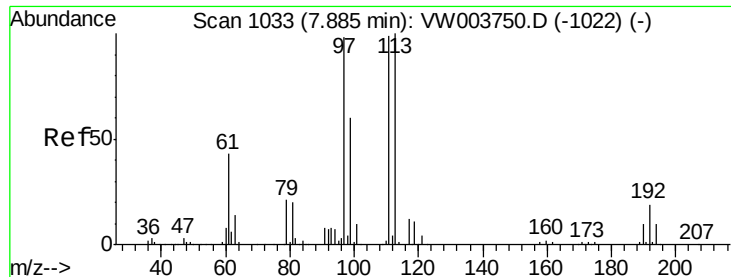
Tot Ion: 65 Resp: 57563
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003834.D
 Acq: 10 Jul 2018 19:07

Tgt Ion: 114 Resp: 187714
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.8
 88 15.8 0.0 30.2

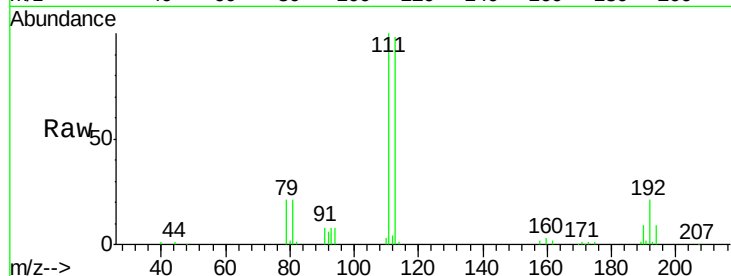




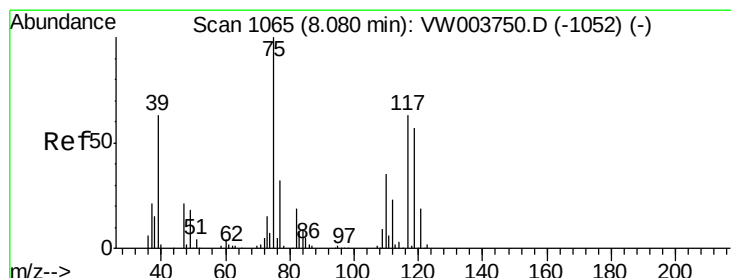
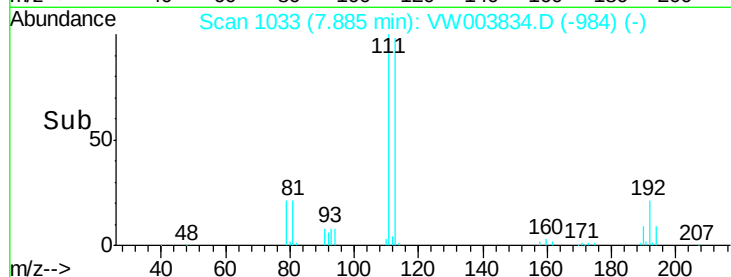
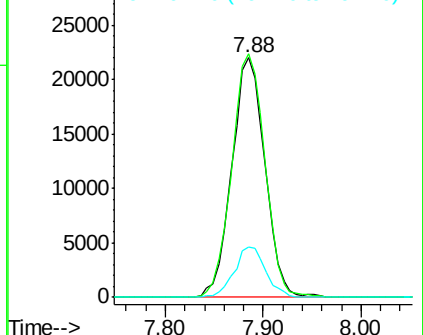
#35
 Dibromofluoromethane
 Concen: 39.386 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003834.D
 Acq: 10 Jul 2018 19:07

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-2RE

Tot Ion:113 Resp: 51745
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 20.1 15.8 23.8

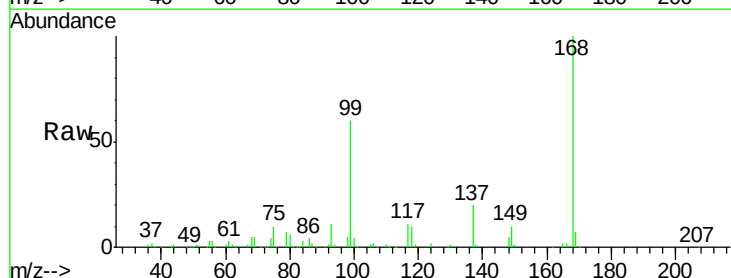


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

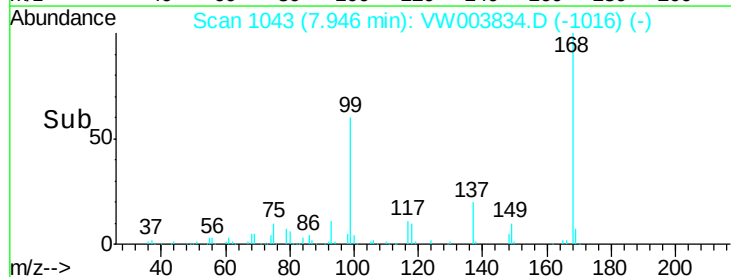
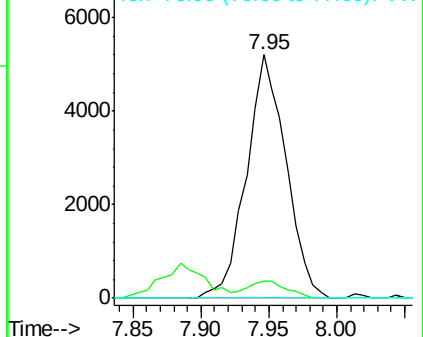


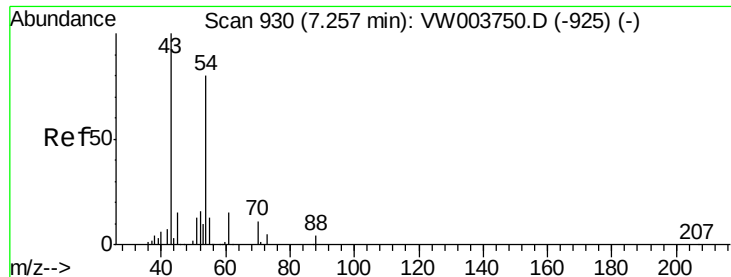
#36
 1,1-Dichloropropene
 Concen: 5.302 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003834.D
 Acq: 10 Jul 2018 19:07

Tgt Ion: 75 Resp: 10561
 Ion Ratio Lower Upper
 75 100
 110 7.2 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





#37

Ethyl Acetate

Concen: 1.043 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.11 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-2RE

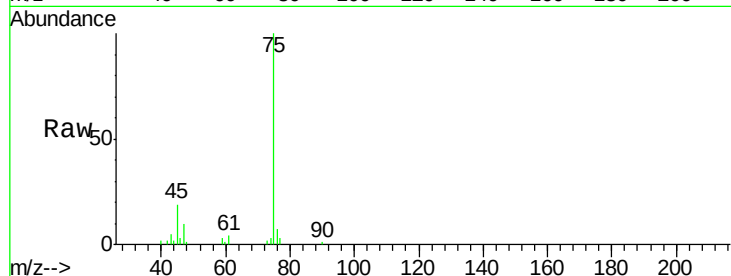
Tot Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

61 79.0 10.6 15.8#

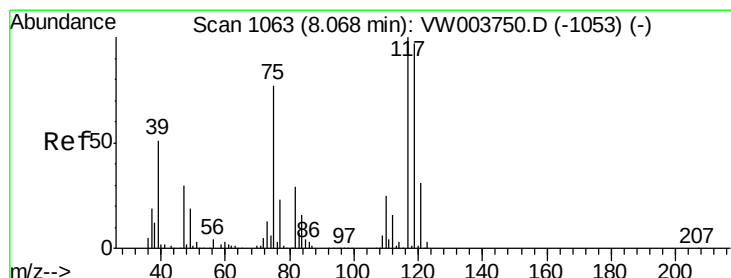
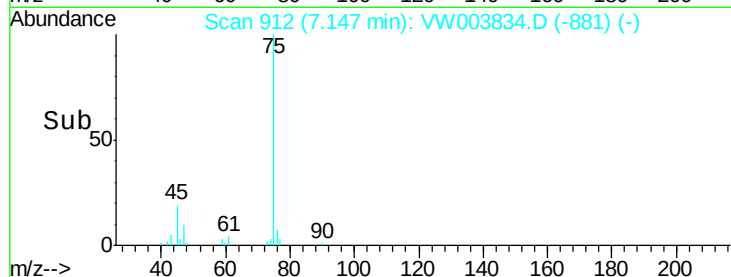
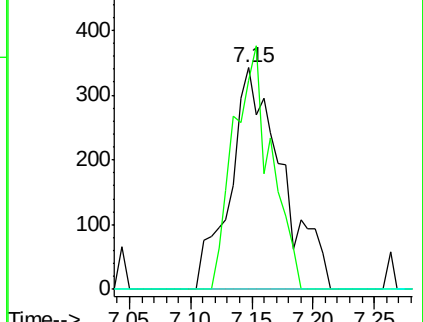
70 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.672 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

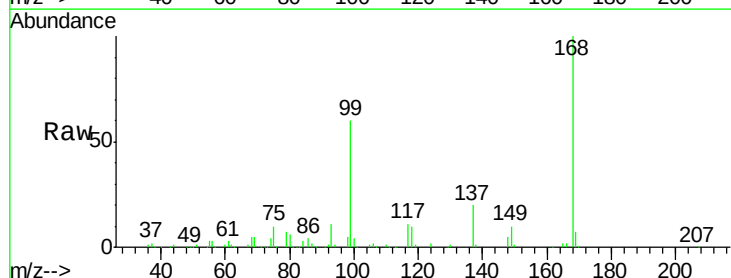
Tgt Ion: 117 Resp: 12634

Ion Ratio Lower Upper

117 100

119 8.1 77.4 116.2#

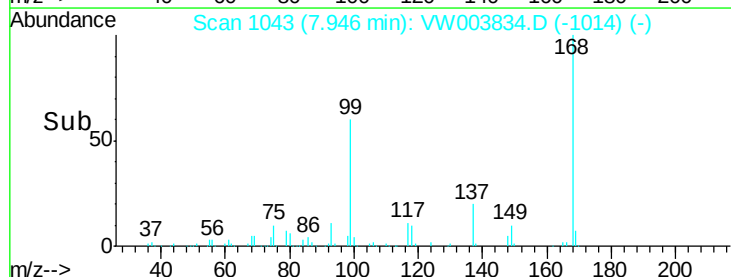
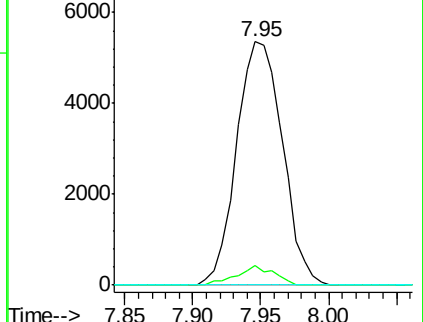
121 0.0 24.6 37.0#

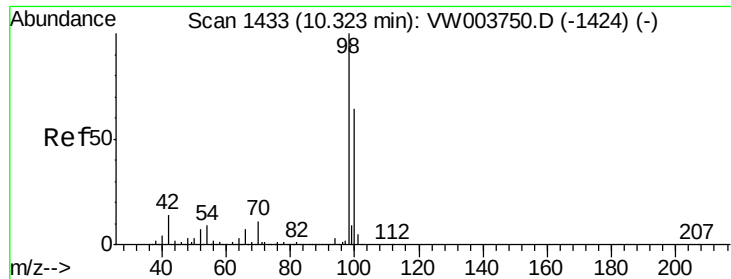


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

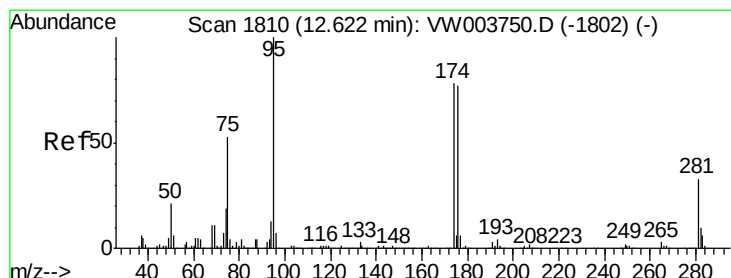
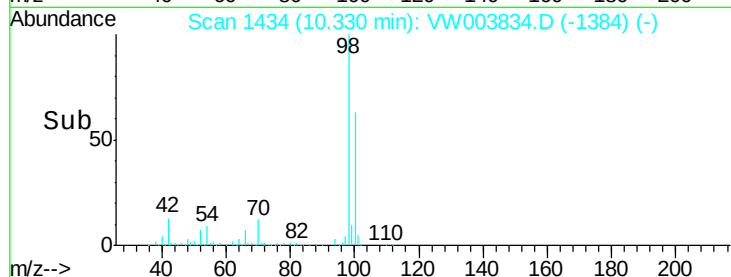
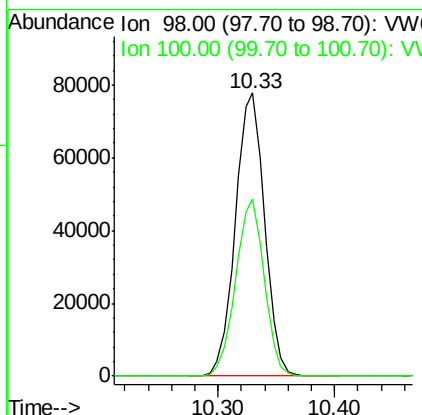
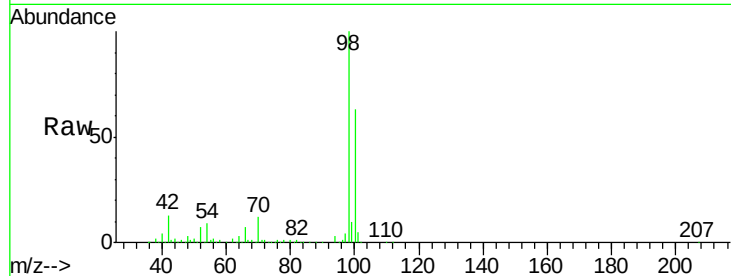




#50
Toluene-d8
Concen: 27.077 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003834.D
Acq: 10 Jul 2018 19:07

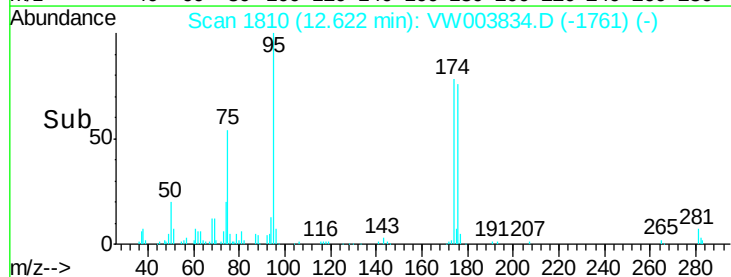
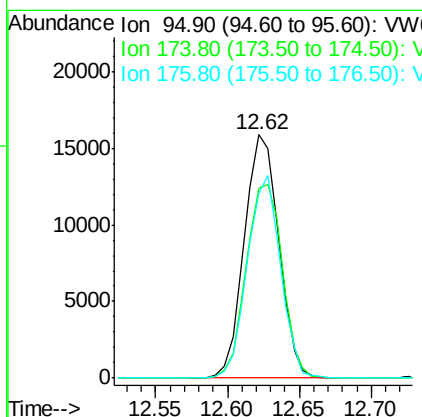
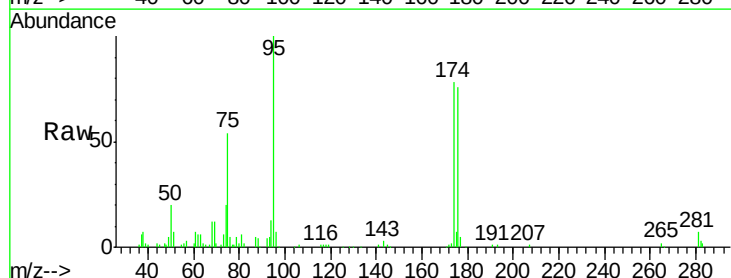
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2RE

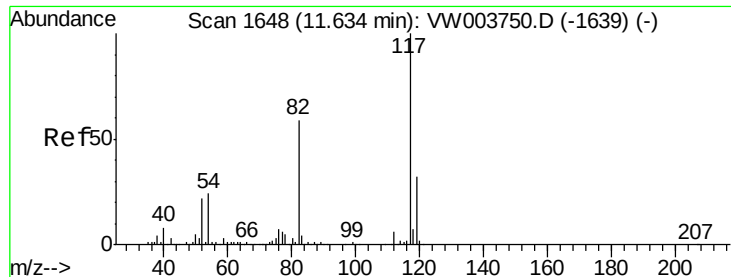
Tot Ion: 98 Resp: 136074
Ion Ratio Lower Upper
98 100
100 61.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 14.522 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003834.D
Acq: 10 Jul 2018 19:07

Tgt Ion: 95 Resp: 26405
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.4
176 79.2 0.0 156.8

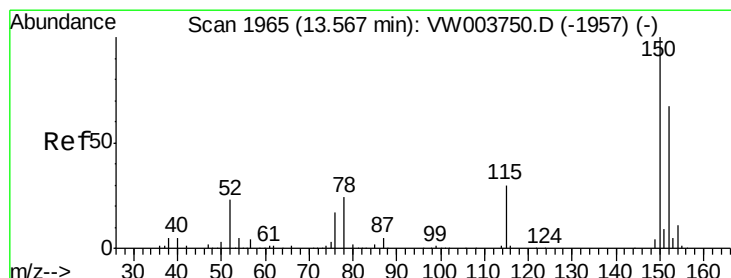
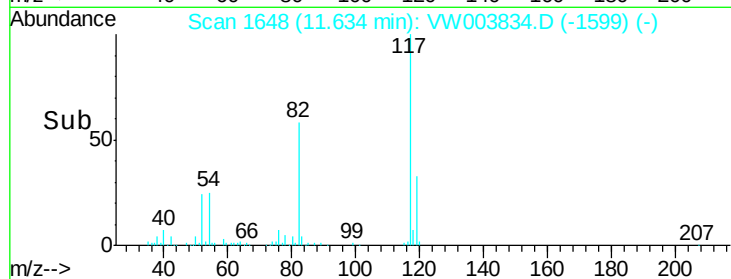
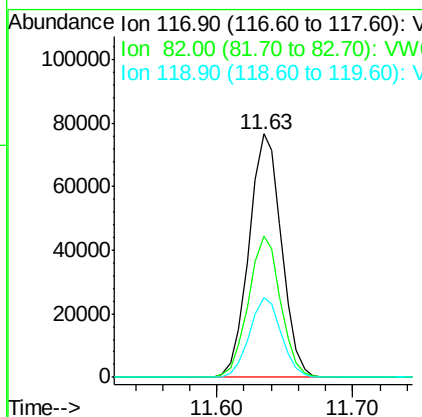
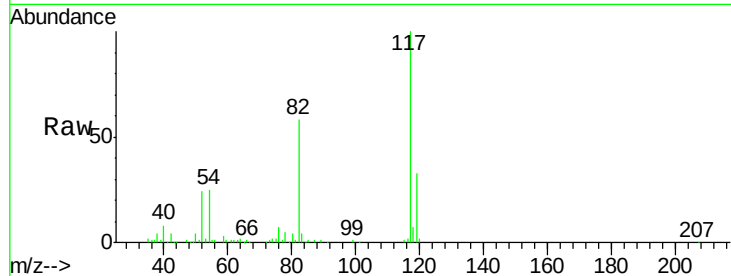




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003834.D
Acq: 10 Jul 2018 19:07

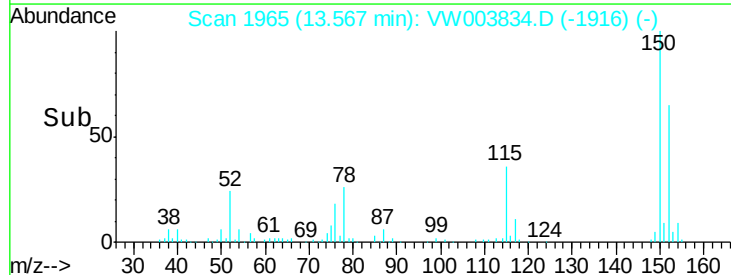
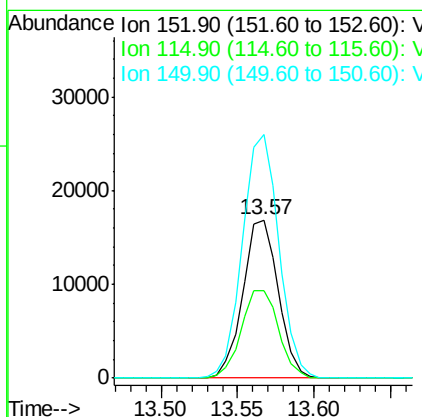
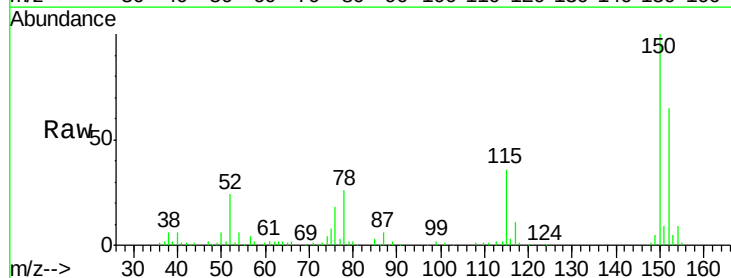
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2RE

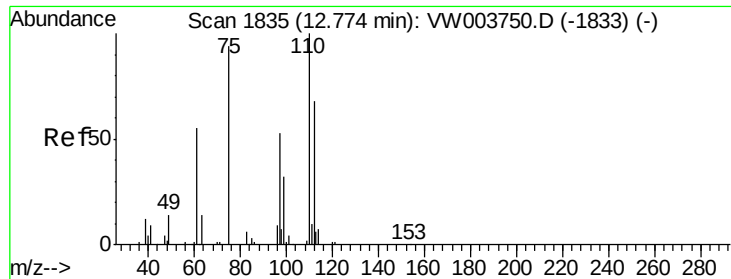
Tot Ion:117 Resp: 128412
Ion Ratio Lower Upper
117 100
82 58.1 46.9 70.3
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003834.D
Acq: 10 Jul 2018 19:07

Tgt Ion:152 Resp: 27129
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 158.1 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 54.354 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

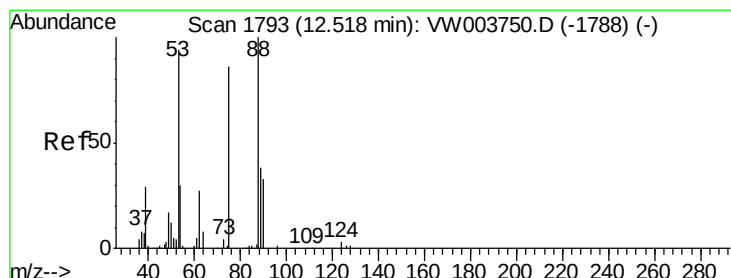
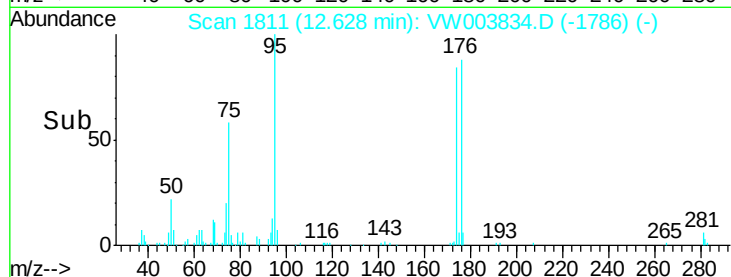
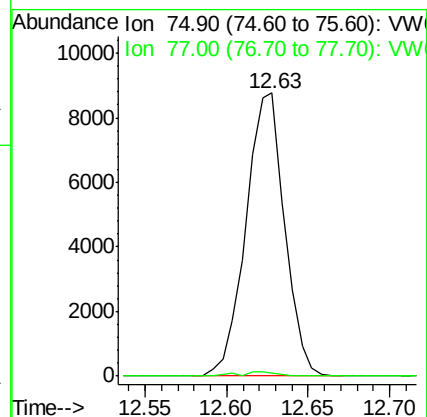
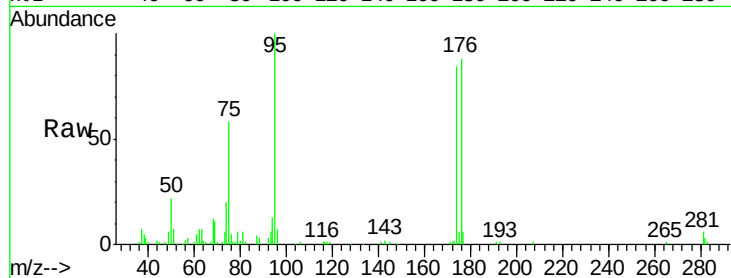
SURCHARGE-SP-2RE

Tot Ion: 75 Resp: 14480

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.963 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003834.D

Acq: 10 Jul 2018 19:07

Tgt Ion: 75 Resp: 14480

Ion Ratio Lower Upper

75 100

53 0.0 85.0 127.6#

89 0.2 36.3 54.5#

