

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003805.D
 Acq On : 10 Jul 2018 04:59
 Operator : SY/AP
 Sample : J3879-18
 Misc : 4.63G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-9

Quant Time: Jul 10 06:51:14 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	102842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	166657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	28279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61554	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	7.88	113	55128	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.33	98	132586	29.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.44%	
62) 4-Bromofluorobenzene	12.62	95	29370	18.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.38%	

Target Compounds

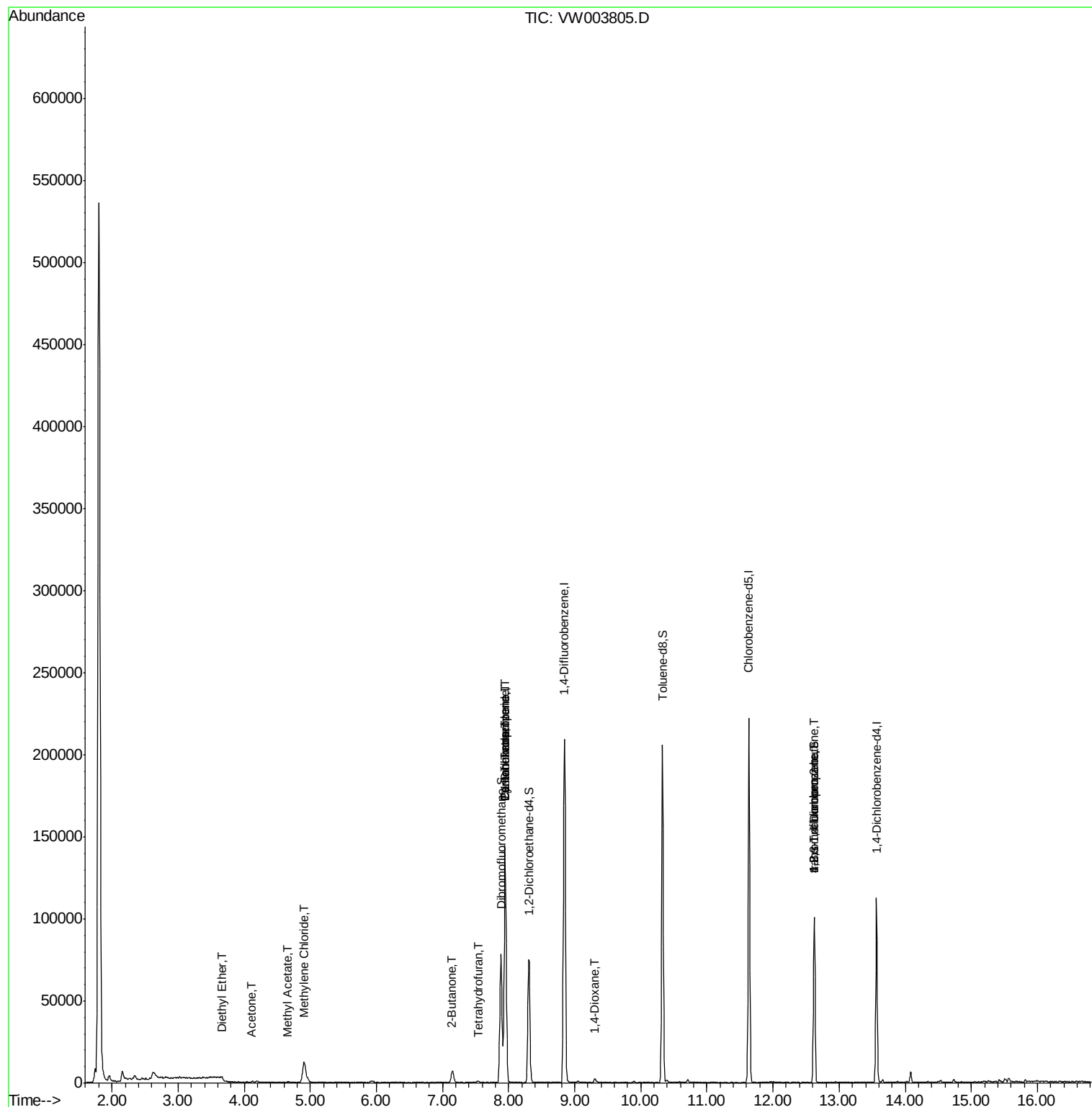
						Qvalue
8) Diethyl Ether	3.67	74	536	1.03	ug/l	83
16) Acetone	4.12	43	903	3.87	ug/l #	81
18) Methyl Acetate	4.66	43	1098	1.67	ug/l #	54
20) Methylene Chloride	4.90	84	10469	5.29	ug/l	98
25) 2-Butanone	7.13	43	574	1.57	ug/l #	51
29) Tetrahydrofuran	7.54	42	441	1.88	ug/l #	68
31) Cyclohexane	7.95	56	3077	1.57	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	9268	5.24	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10545	6.27	ug/l #	16
49) 1,4-Dioxane	9.31	88	141	13.65	ug/l #	12
76) 1,2,3-Trichloropropane	12.62	75	15939	57.40	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15939	140.41	ug/l #	8

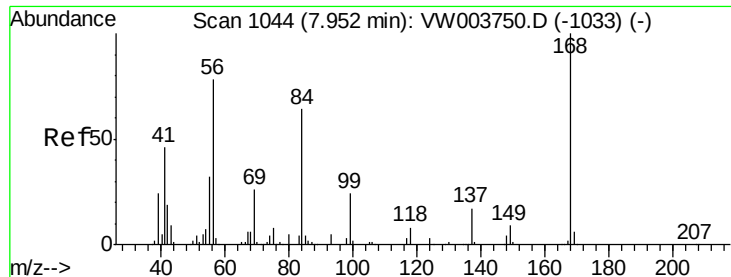
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

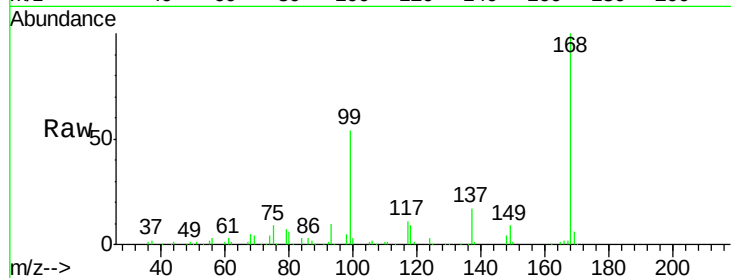
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-9

Tot Ion:168 Resp: 102842

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

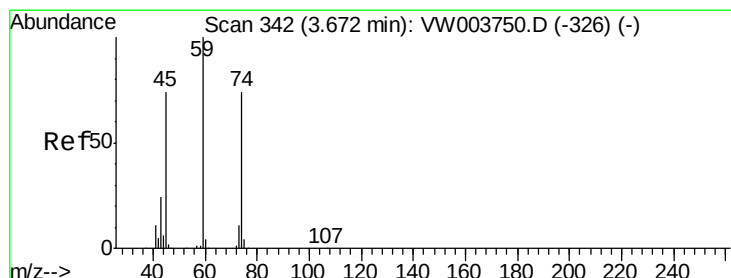
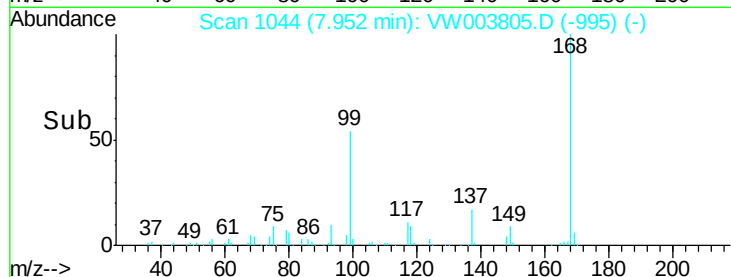
10000

0

7.90

8.00

Time-->



#8

Diethyl Ether

Concen: 1.03 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.00 min

Lab File: VW003805.D

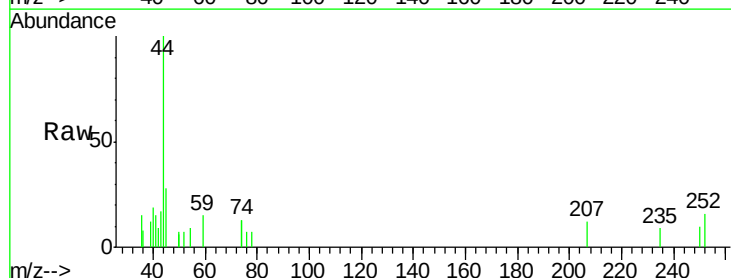
Acq: 10 Jul 2018 04:59

Tgt Ion: 74 Resp: 536

Ion Ratio Lower Upper

74 100

45 86.9 52.4 157.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

250

200

150

100

50

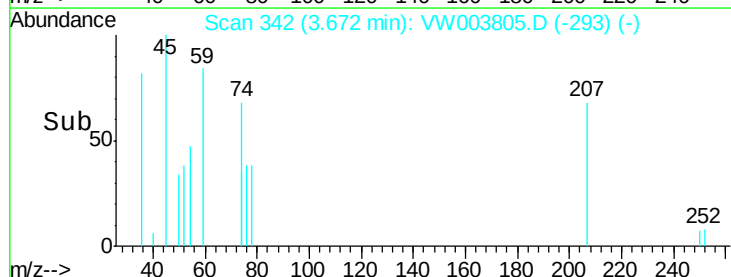
0

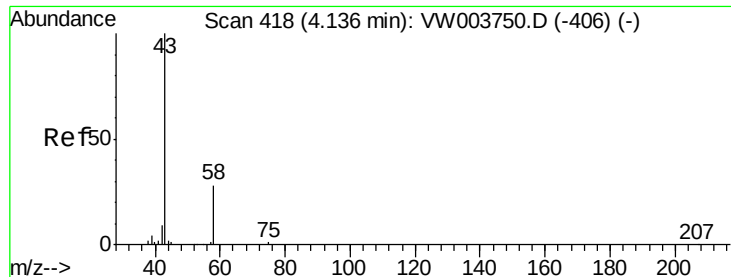
3.60

3.65

3.70

Time-->





#16

Acetone

Concen: 3.87 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

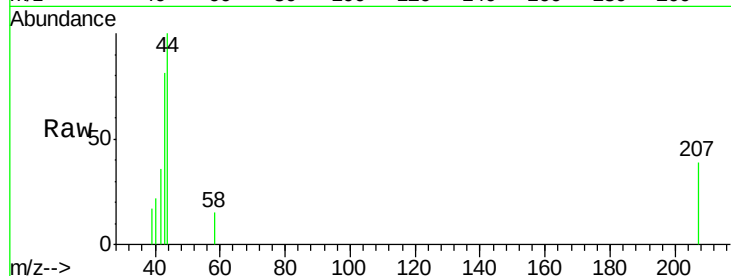
SURCHARGE-SP-9

Tot Ion: 43 Resp: 903

Ion Ratio Lower Upper

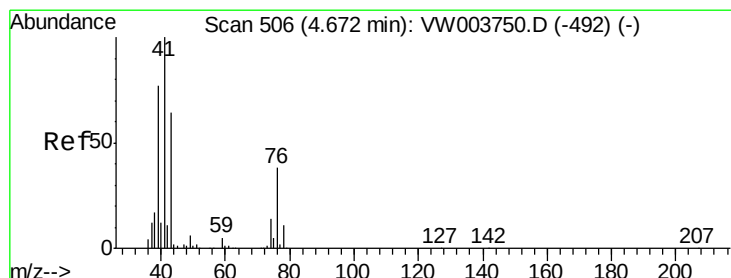
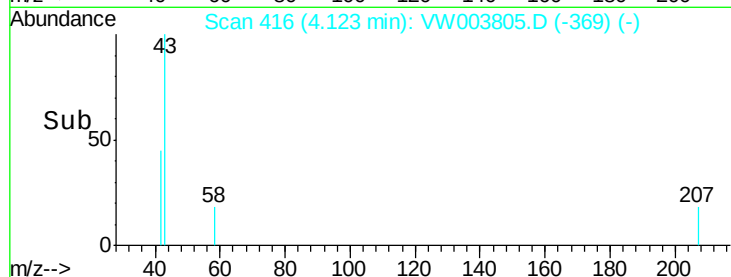
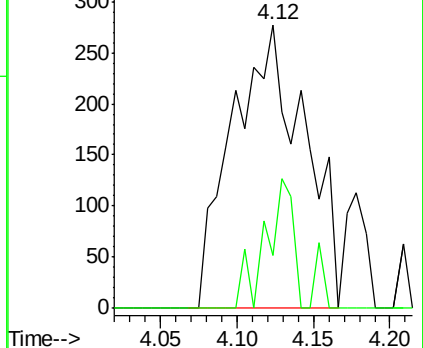
43 100

58 18.3 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: 1.67 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW003805.D

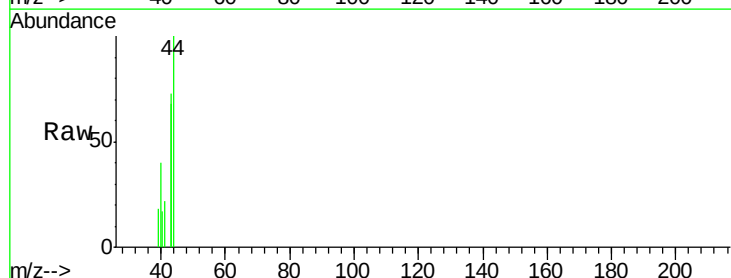
Acq: 10 Jul 2018 04:59

Tgt Ion: 43 Resp: 1098

Ion Ratio Lower Upper

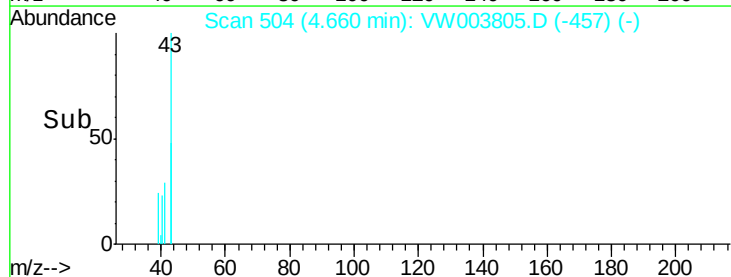
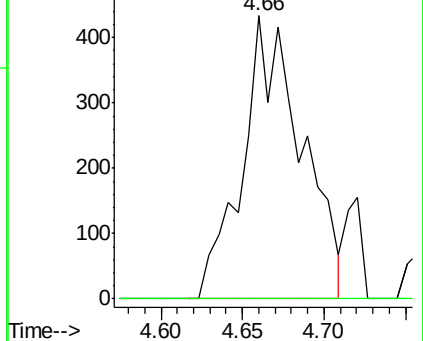
43 100

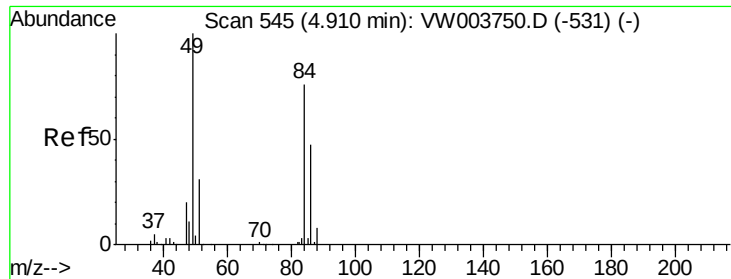
74 0.0 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

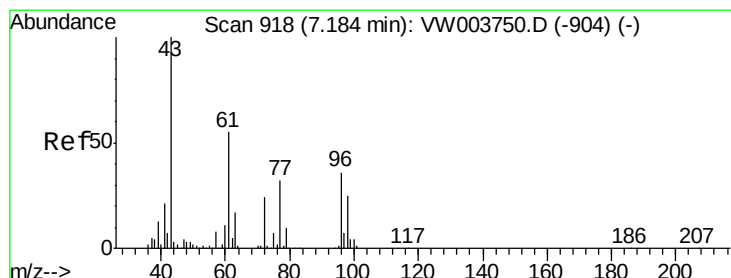
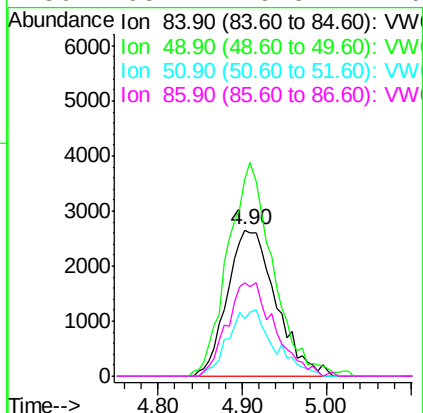
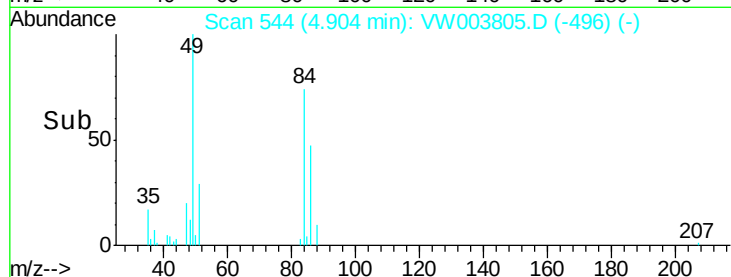
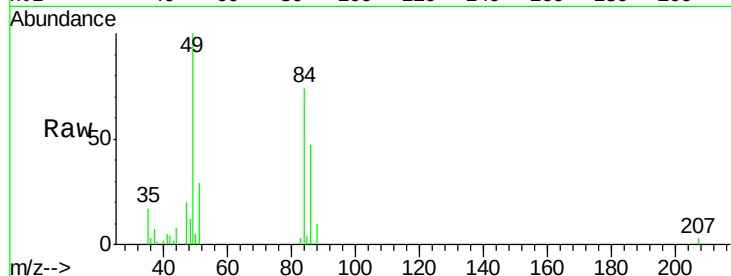




#20
Methylene Chloride
Concen: 5.29 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

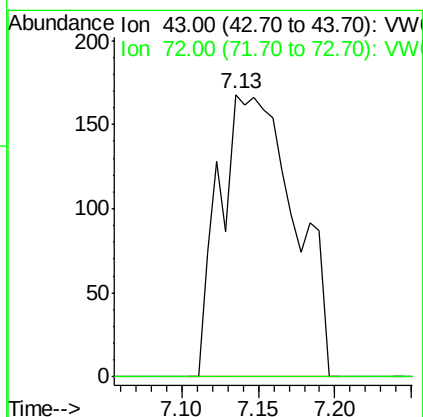
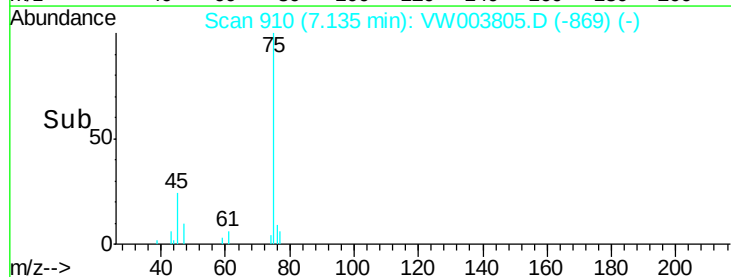
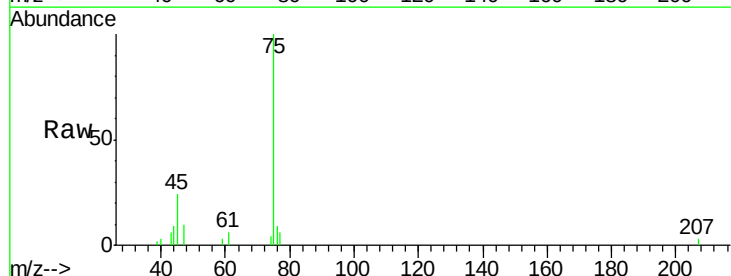
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-9

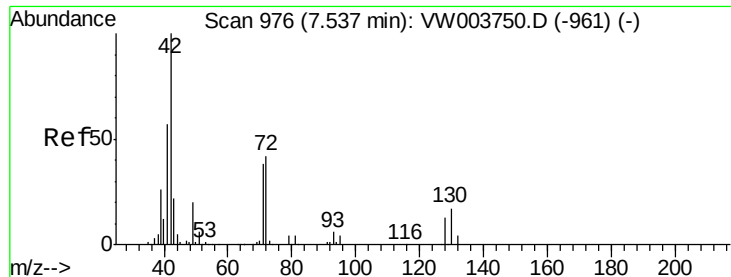
Tot Ion: 84 Resp: 10469
Ion Ratio Lower Upper
84 100
49 134.3 105.1 157.7
51 39.3 32.5 48.7
86 63.7 49.8 74.6



#25
2-Butanone
Concen: 1.57 ug/l
RT: 7.13 min Scan# 910
Delta R.T. -0.05 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 1.88 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-9

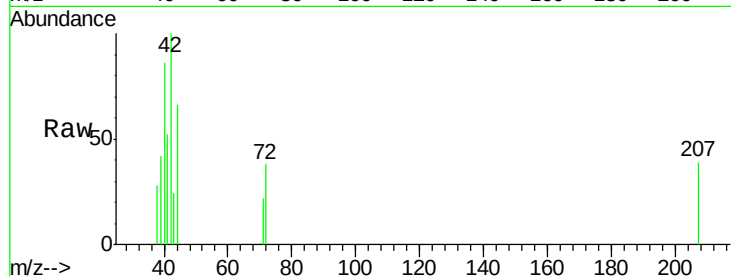
Tot Ion: 42 Resp: 441

Ion Ratio Lower Upper

42 100

72 23.4 31.8 47.8#

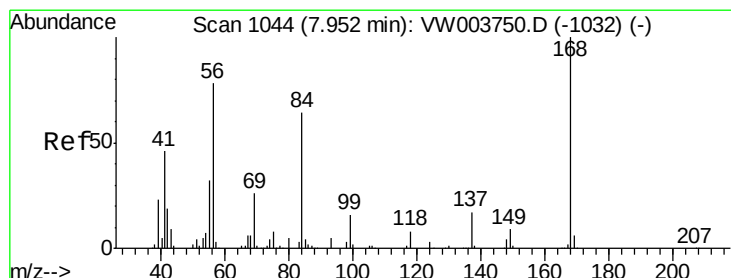
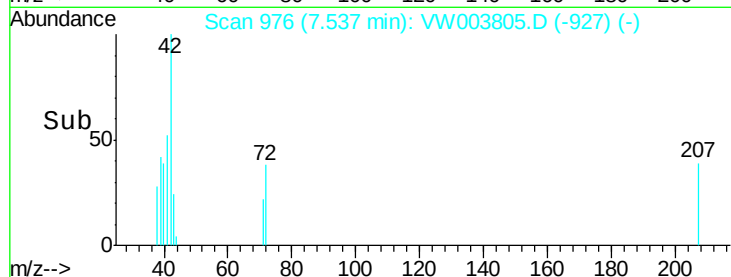
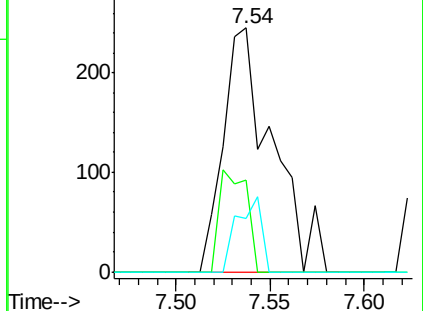
71 15.2 30.3 45.5#



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: 1.57 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

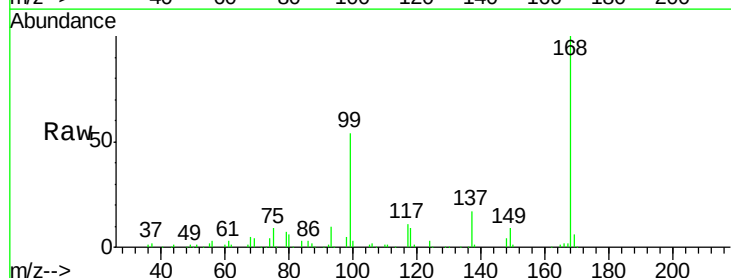
Tgt Ion: 56 Resp: 3077

Ion Ratio Lower Upper

56 100

69 149.7 26.2 39.4#

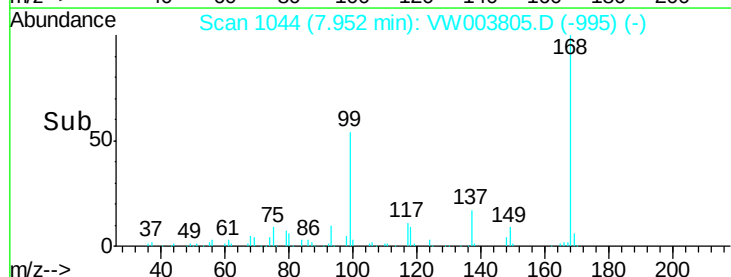
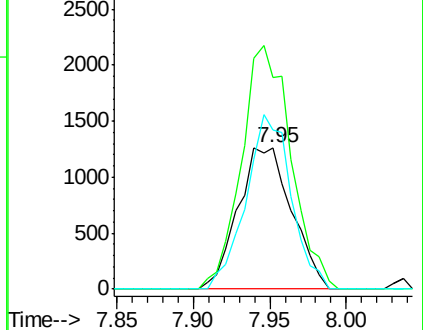
84 112.2 65.5 98.3#

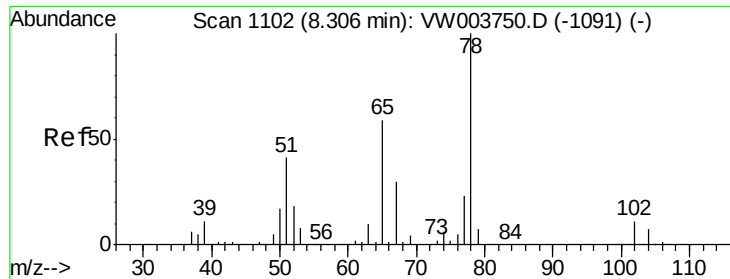


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

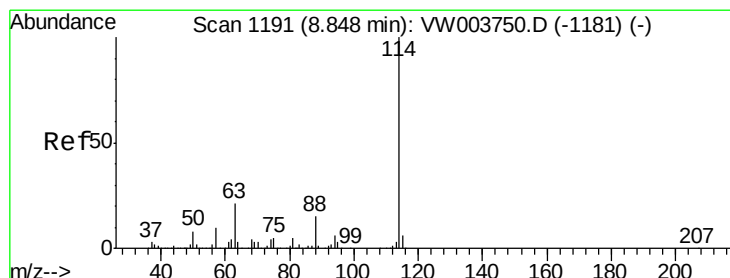
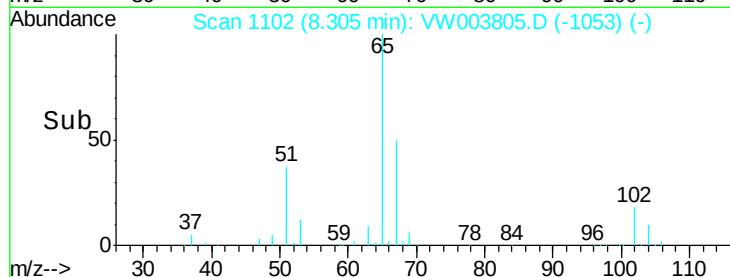
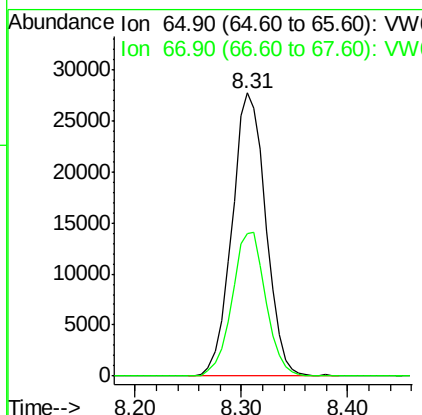
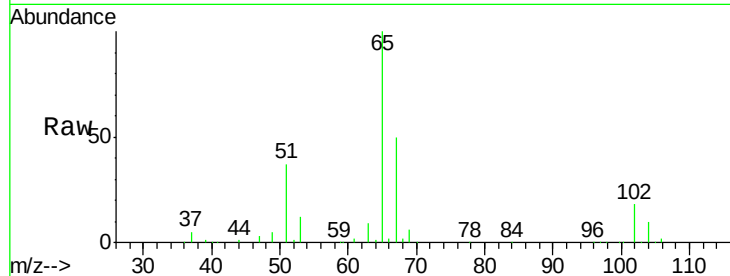




#33
 1,2-Dichloroethane-d4
 Concen: 45.77 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

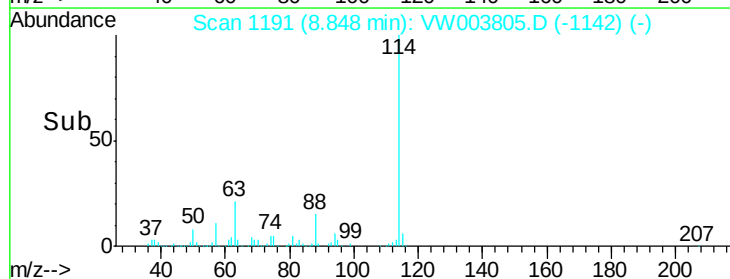
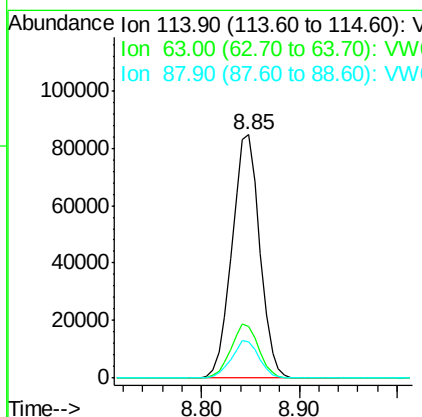
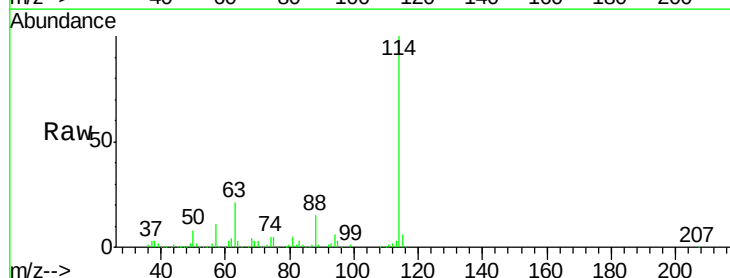
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-9

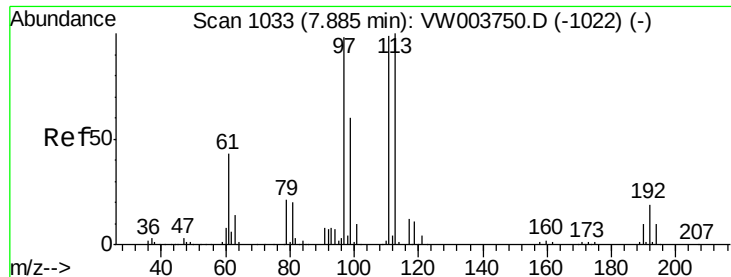
Tot Ion: 65 Resp: 61554
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

Tgt Ion: 114 Resp: 166657
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 14.9 0.0 30.2

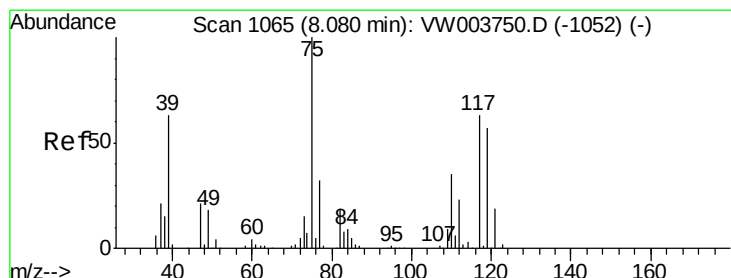
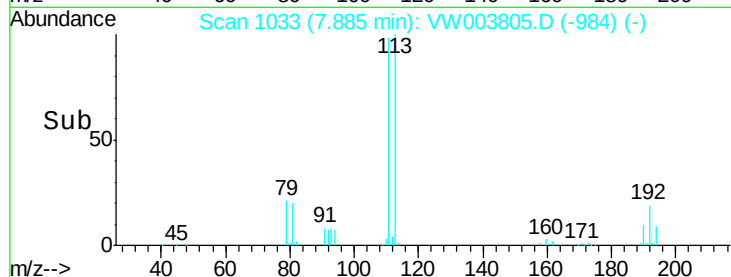
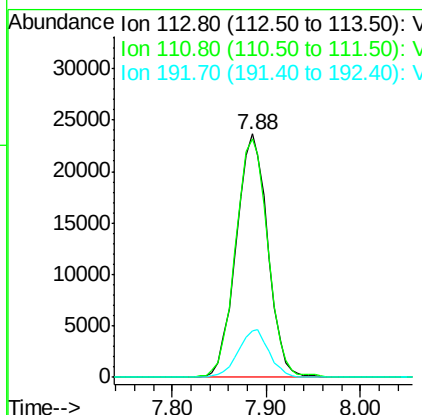
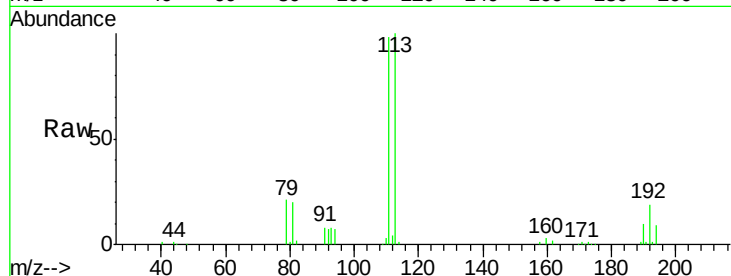




#35
 Dibromofluoromethane
 Concen: 47.26 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

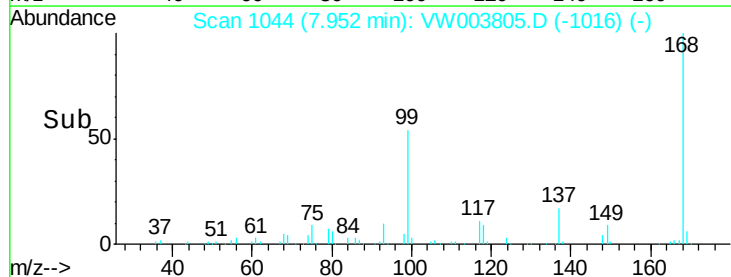
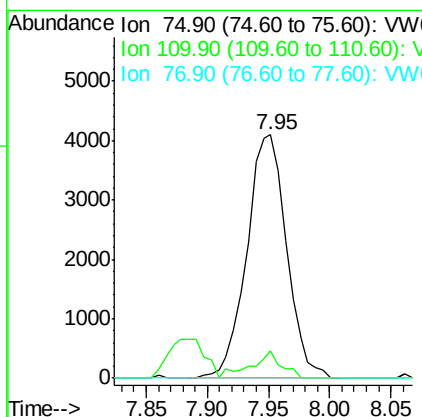
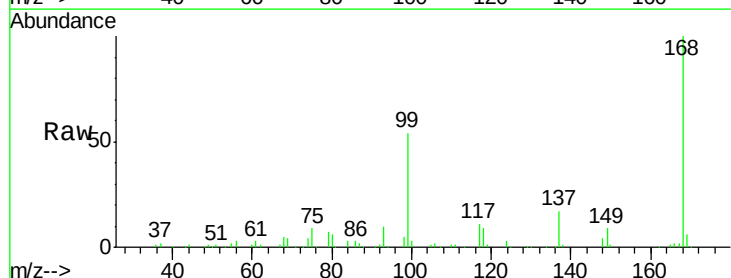
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-9

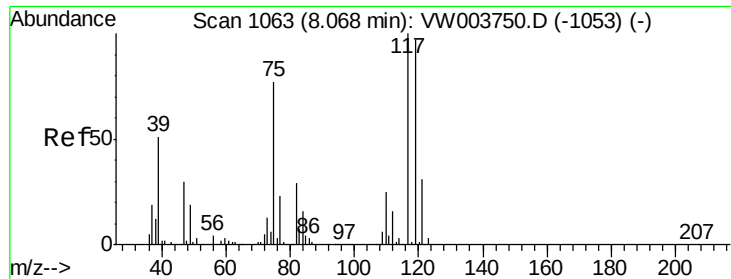
Tot Ion:113 Resp: 55128
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.7 122.5
 192 19.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.24 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

Tgt Ion: 75 Resp: 9268
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.27 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-9

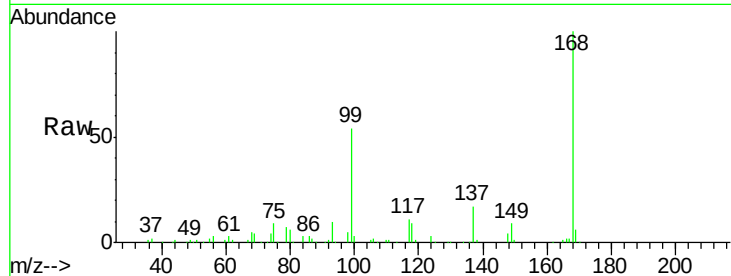
Tot Ion:117 Resp: 10545

Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.2#

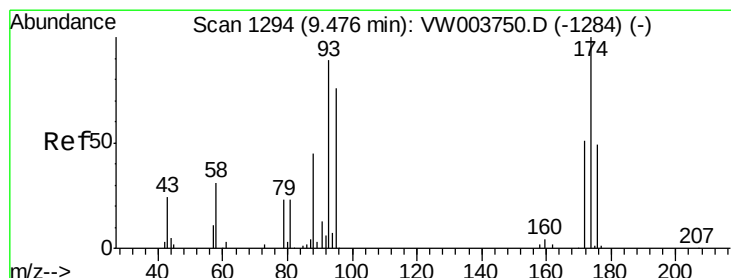
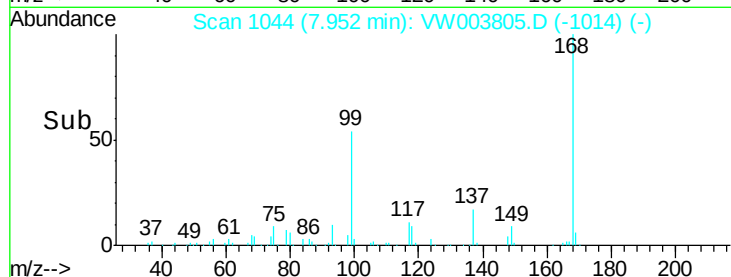
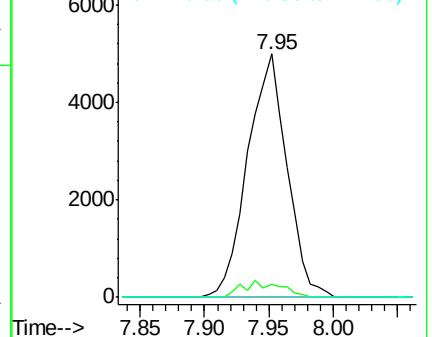
121 0.0 24.6 37.0#



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



#49

1,4-Dioxane

Concen: 13.65 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.17 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

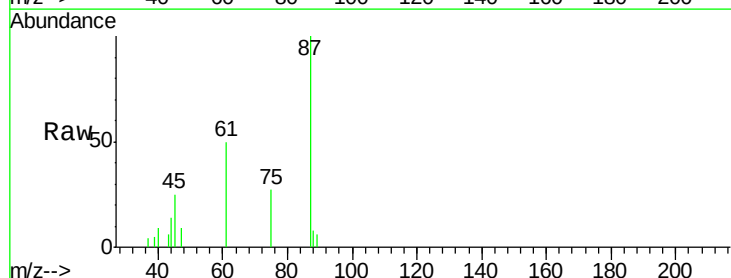
Tgt Ion: 88 Resp: 141

Ion Ratio Lower Upper

88 100

43 108.5 0.0 0.0#

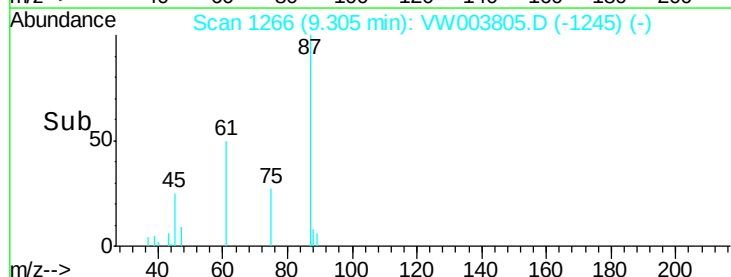
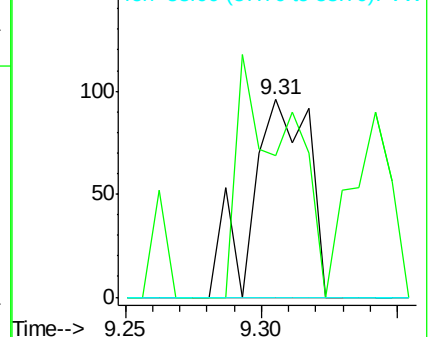
58 0.0 59.7 89.5#

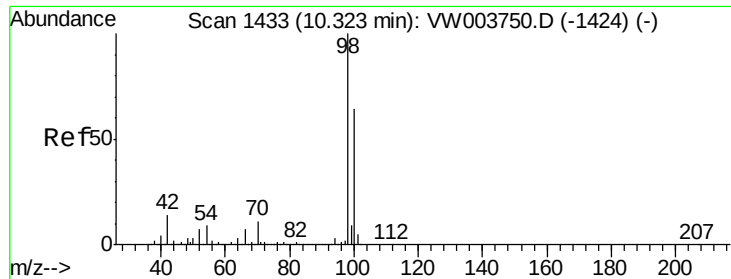


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 29.72 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

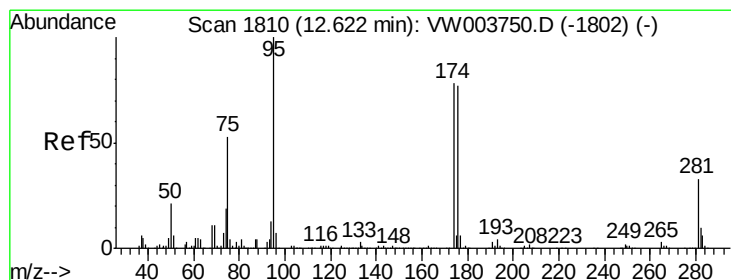
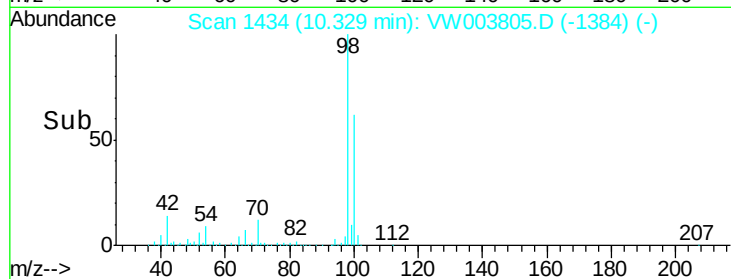
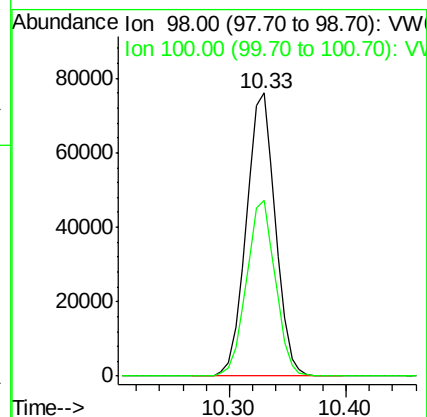
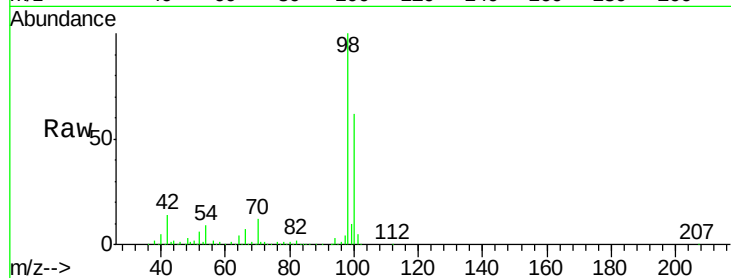
SURCHARGE-SP-9

Tot Ion: 98 Resp: 132586

Ion Ratio Lower Upper

98 100

100 61.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 18.19 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

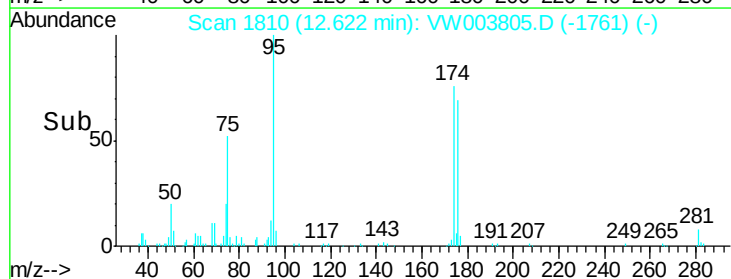
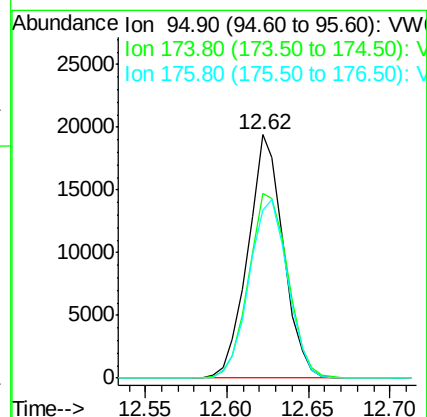
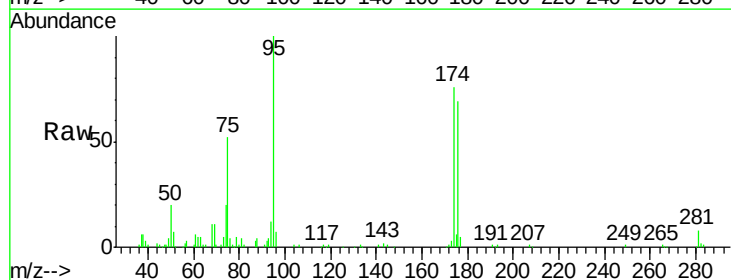
Tgt Ion: 95 Resp: 29370

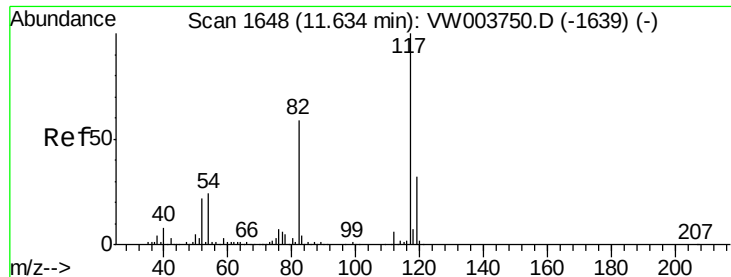
Ion Ratio Lower Upper

95 100

174 84.2 0.0 163.4

176 79.6 0.0 156.8

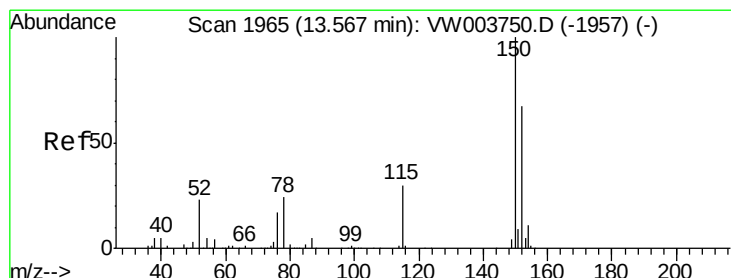
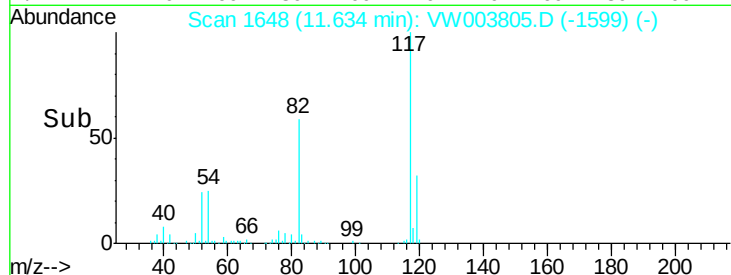
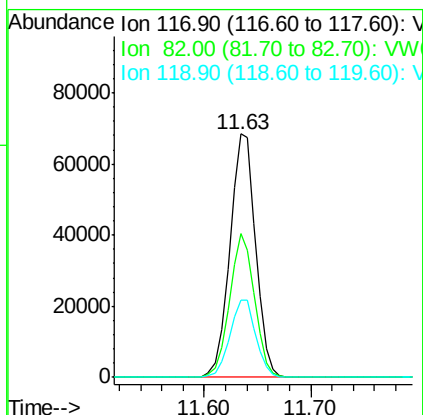
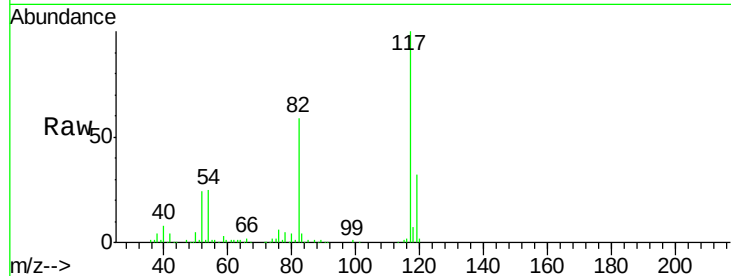




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

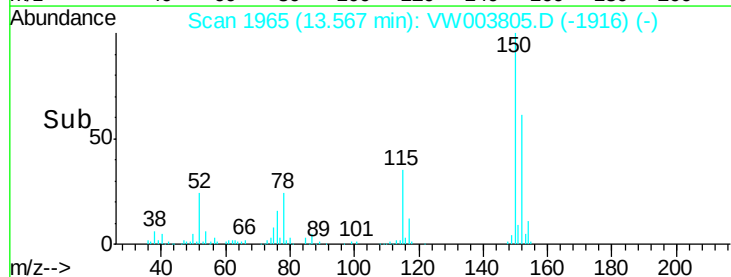
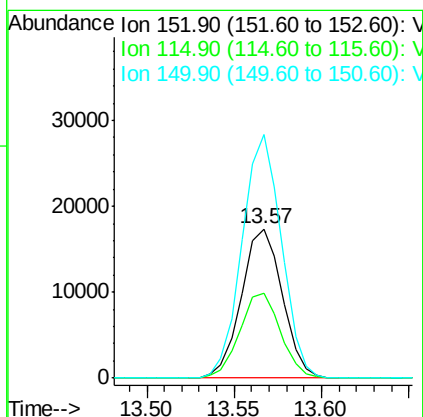
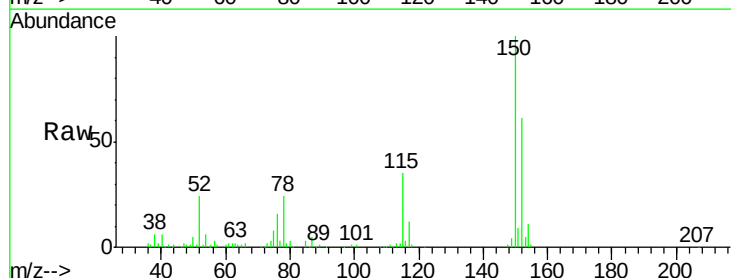
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-9

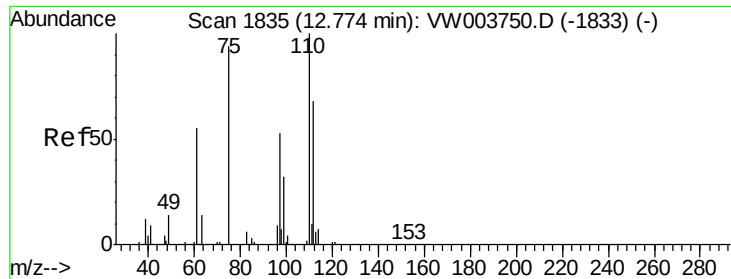
Tot Ion:117 Resp: 115637
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

Tgt Ion:152 Resp: 28279
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.8
150 157.4 0.0 342.4

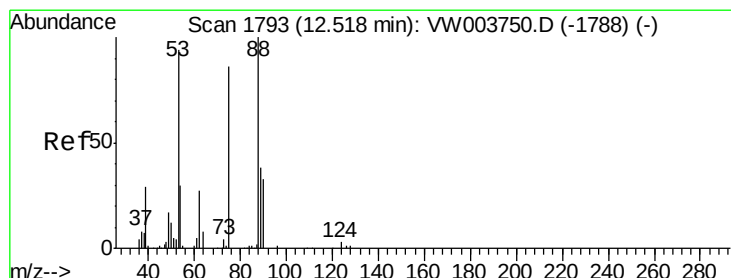
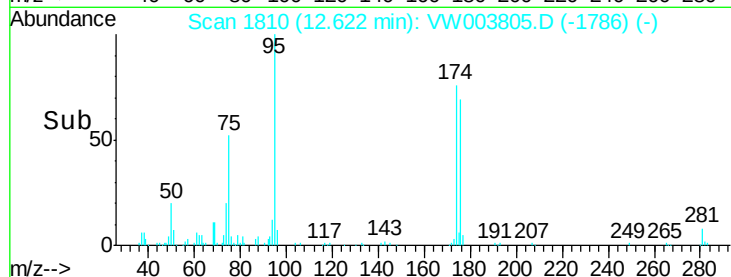
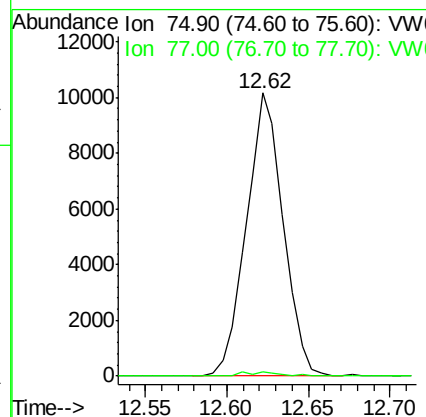
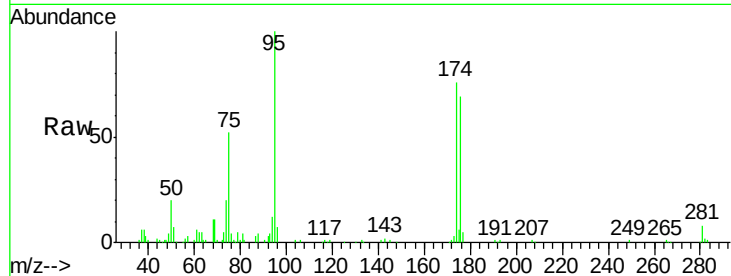




#76
 1,2,3-Trichloropropane
 Concen: 57.40 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-9

Tot Ion: 75 Resp: 15939
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.41 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

Tgt Ion: 75 Resp: 15939
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.0 127.6#
 89 0.1 36.3 54.5#

