

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 07:03:35 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

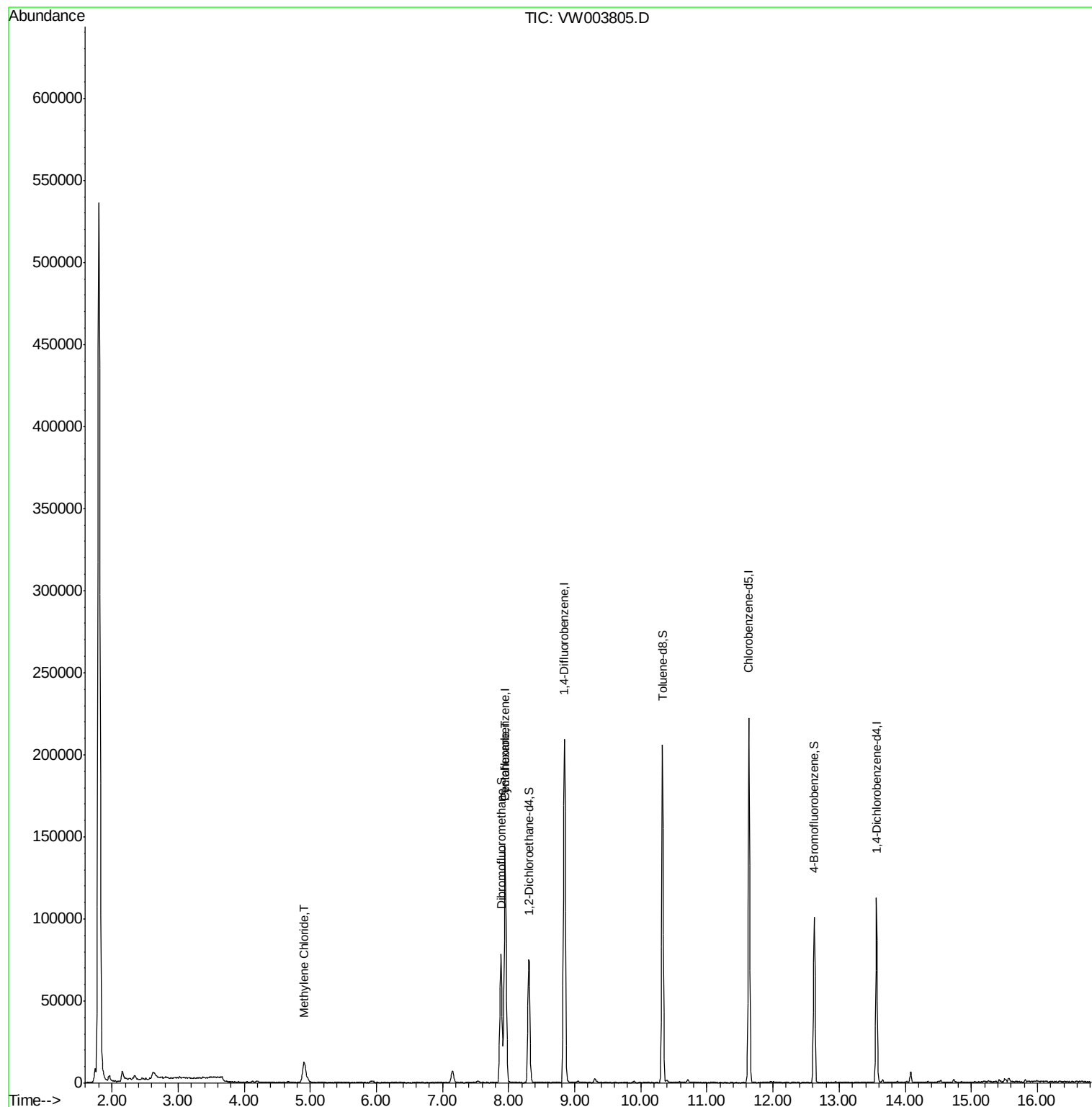
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	166657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	28279	50.00	ug/l	0.00
System Monitoring Compounds						
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						
20) Methylene Chloride	4.90	84	10469	5.285	ug/l	98
31) Cyclohexane	7.95	56	3077	1.568	ug/l #	17

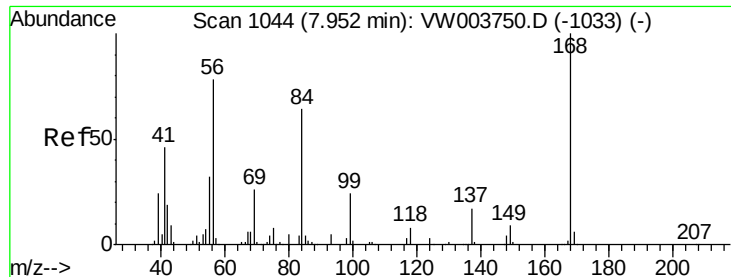
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

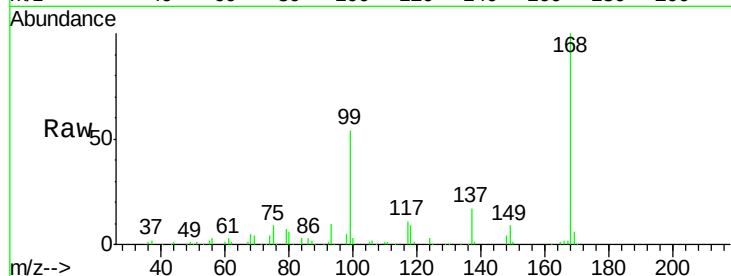
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-9

Tot Ion:168 Resp: 102842

Ion Ratio Lower Upper

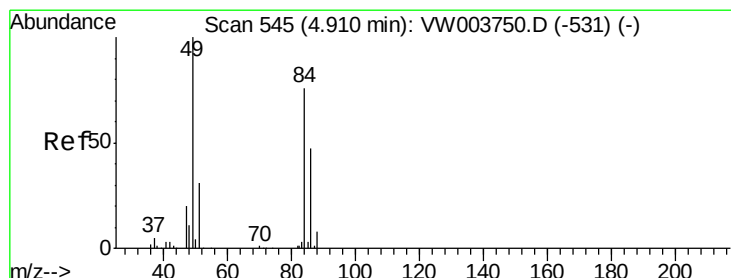
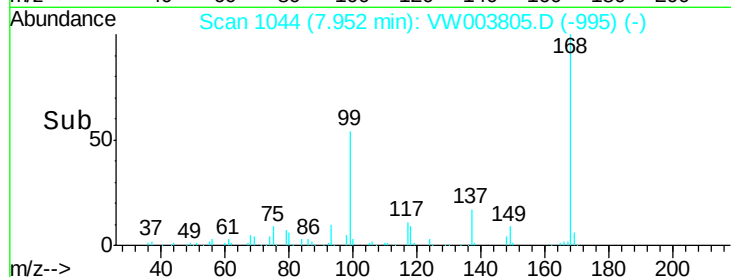
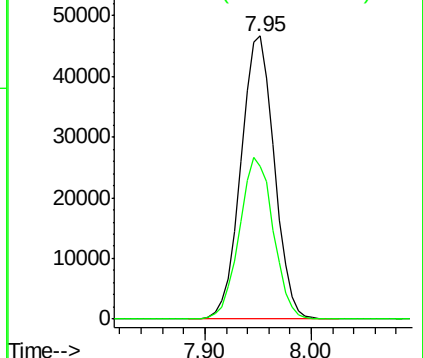
168 100

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



#20

Methylene Chloride

Concen: 5.285 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

Tgt Ion: 84 Resp: 10469

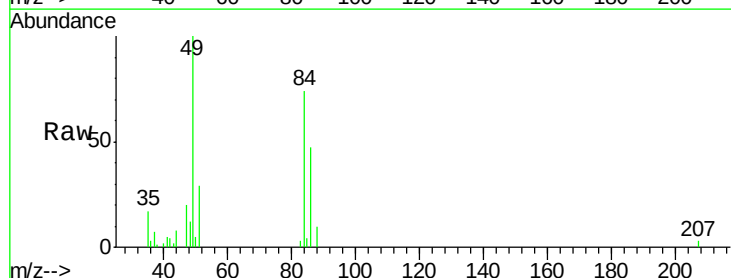
Ion Ratio Lower Upper

84 100

49 134.3 105.1 157.7

51 39.3 32.5 48.7

86 63.7 49.8 74.6

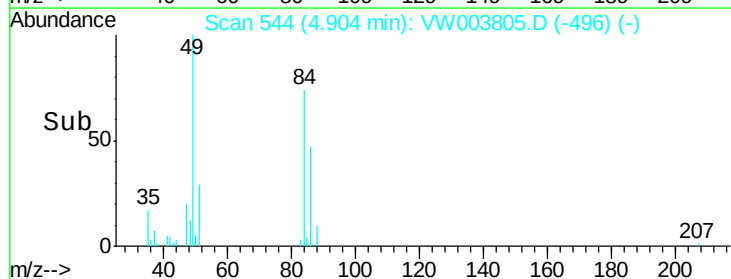
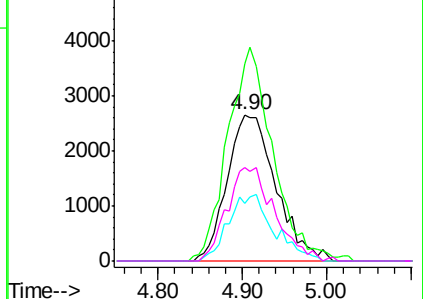


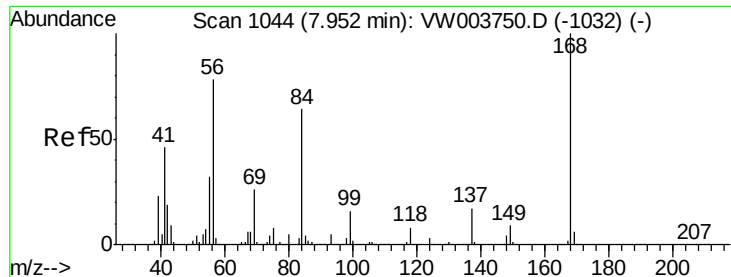
Abundance Ion 83.90 (83.60 to 84.60): VW

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

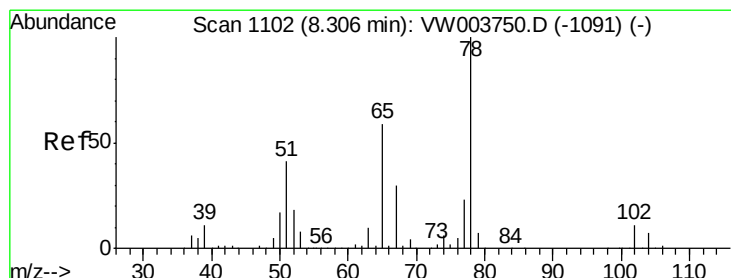
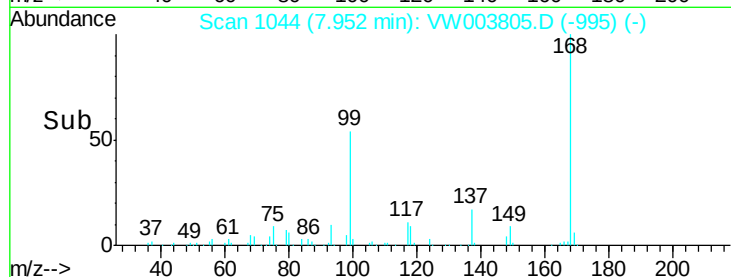
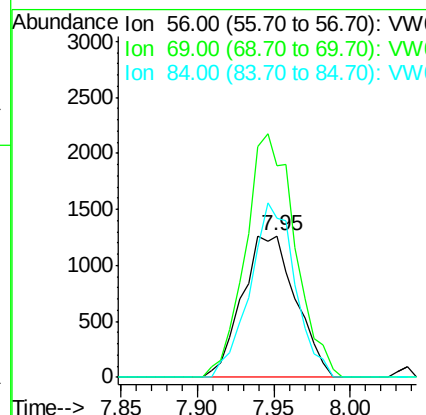
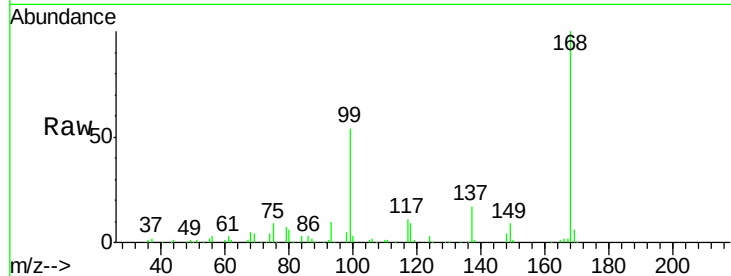




#31
Cyclohexane
Concen: 1.568 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

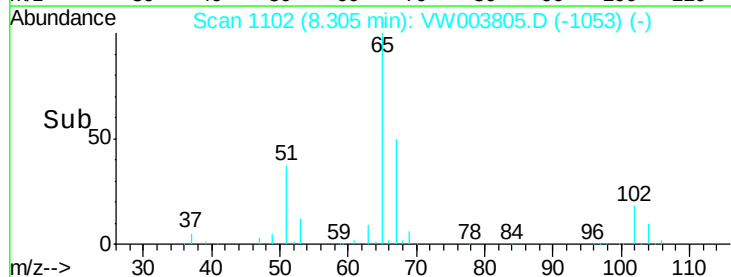
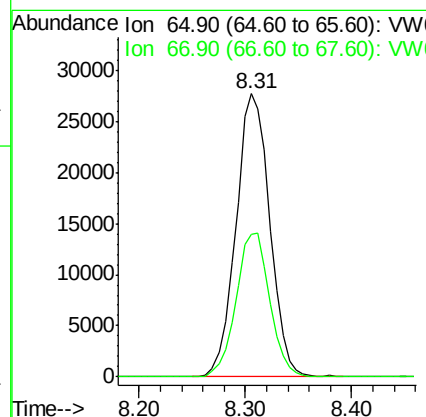
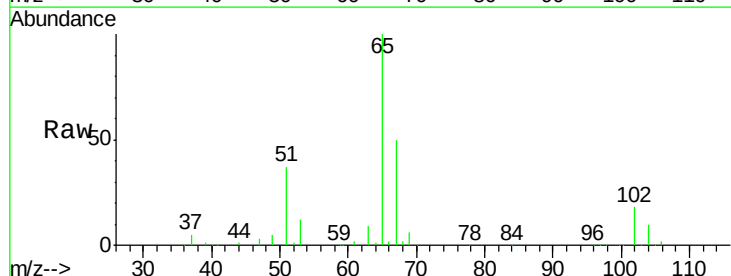
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-9

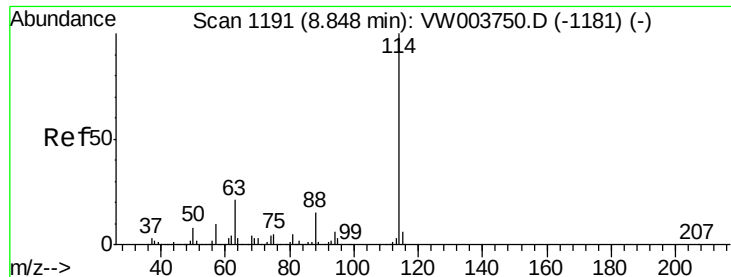
Tot Ion: 56 Resp: 3077
Ion Ratio Lower Upper
56 100
69 149.7 26.2 39.4#
84 112.2 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 45.769 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

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

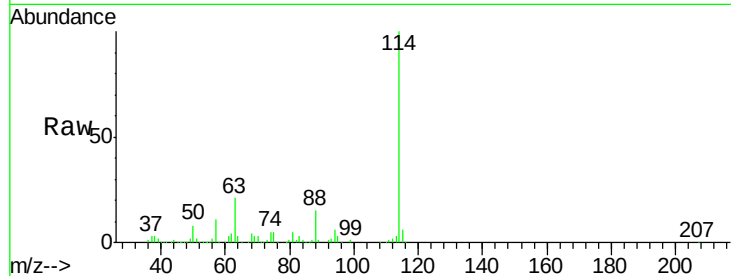




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-9

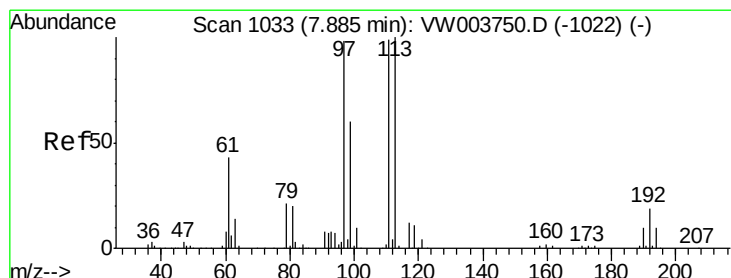
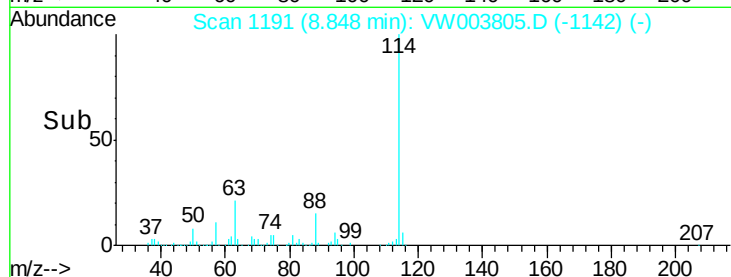
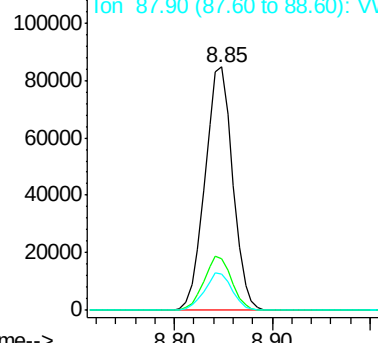
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	14.9	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

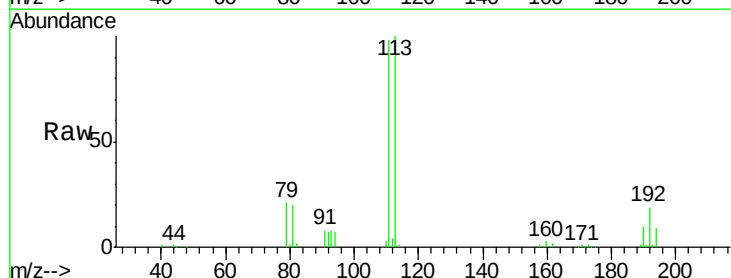
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 47.263 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003805.D
 Acq: 10 Jul 2018 04:59

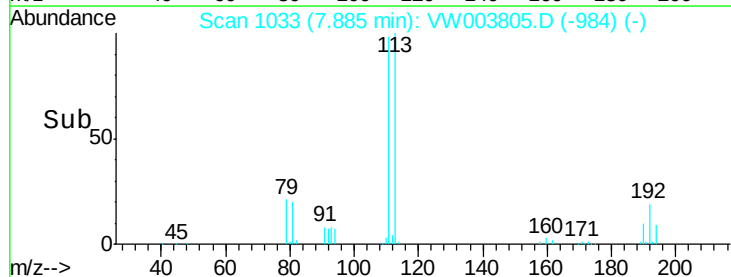
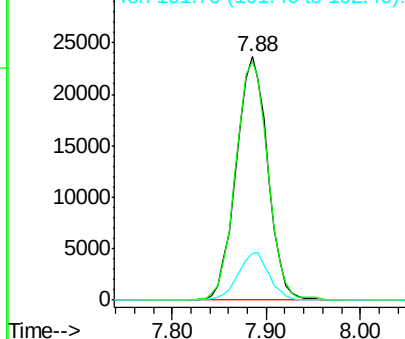
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.7	122.5
192	19.2	15.8	23.8

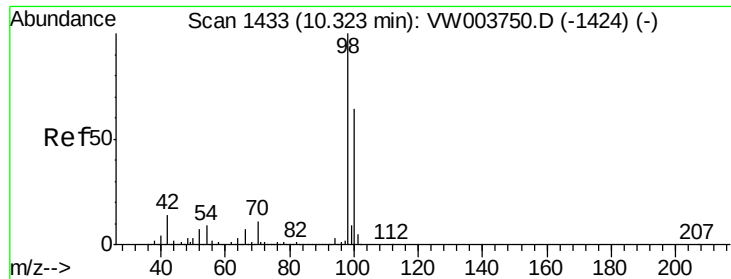


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 29.716 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 :

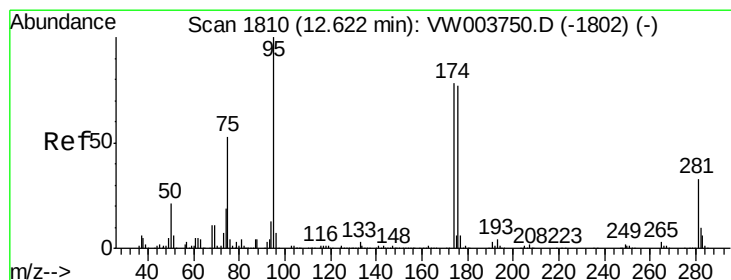
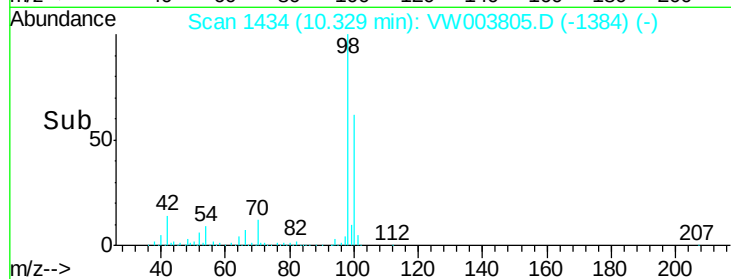
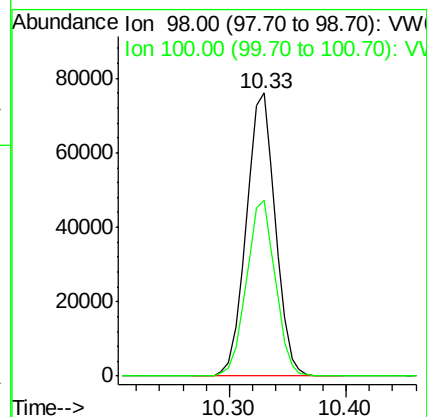
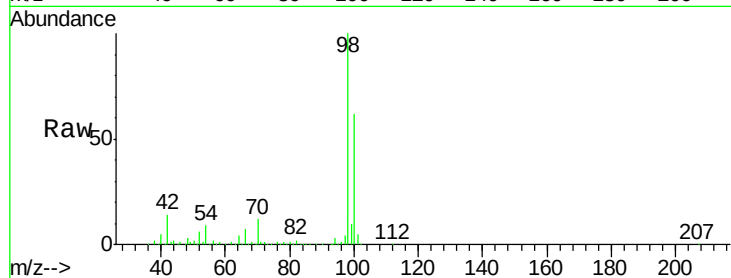
SURCHARGE-SP-9

Tot Ion: 98 Resp: 132586

Ion Ratio Lower Upper

98 100

100 61.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 18.193 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003805.D

Acq: 10 Jul 2018 04:59

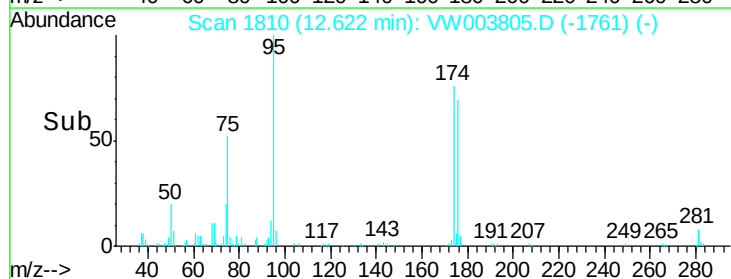
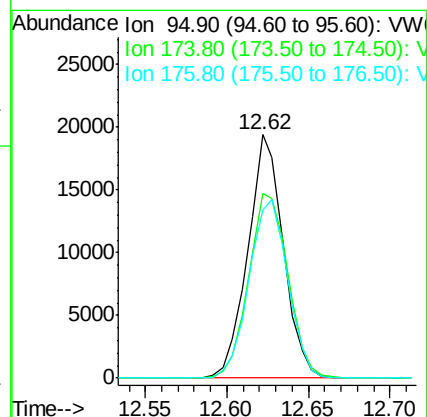
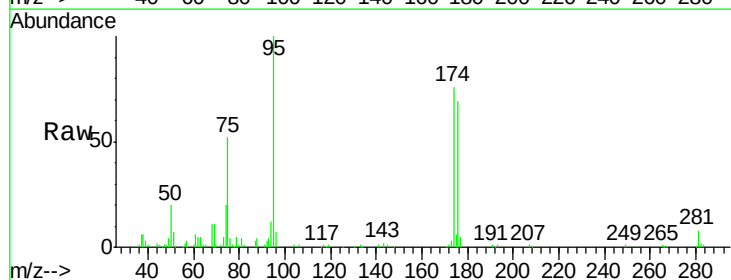
Tgt Ion: 95 Resp: 29370

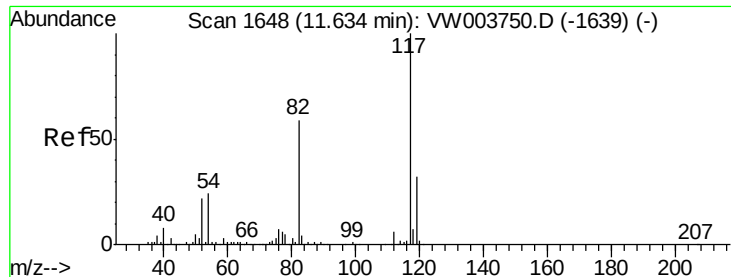
Ion Ratio Lower Upper

95 100

174 84.2 0.0 163.4

176 79.6 0.0 156.8

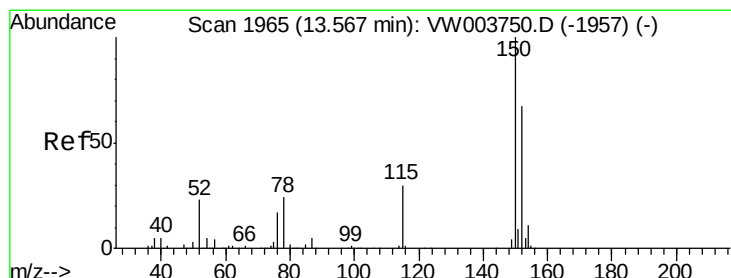
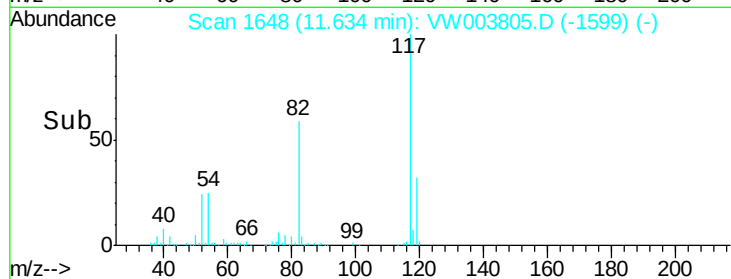
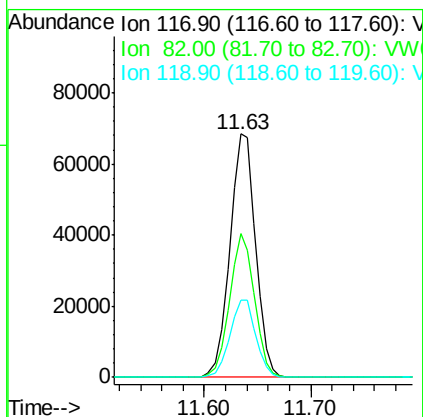
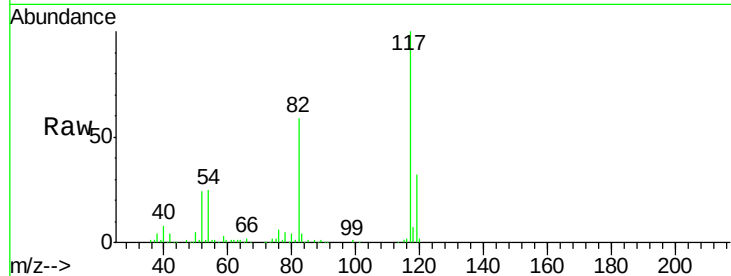




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003805.D
Acq: 10 Jul 2018 04:59

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: 50.000 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

