

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003850.D
 Acq On : 11 Jul 2018 03:46
 Operator : SY/AP
 Sample : J3881-06
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-23

Quant Time: Jul 11 04:47:31 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	151980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	64333	32.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.74%	
35) Dibromofluoromethane	7.88	113	56440	30.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.40%	
50) Toluene-d8	10.33	98	162167	23.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.12%	
62) 4-Bromofluorobenzene	12.62	95	43985	17.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.58%	

Target Compounds

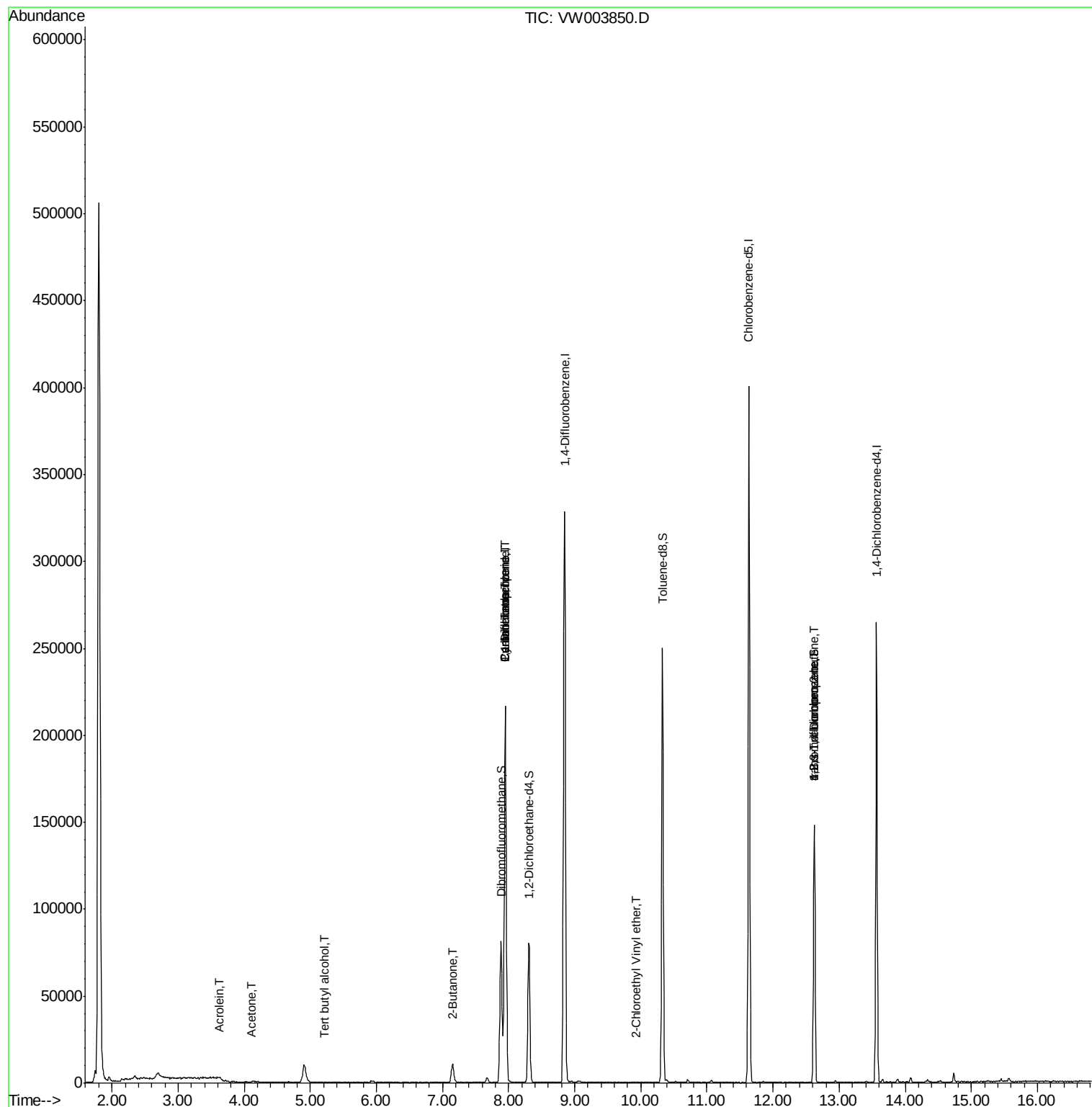
						Qvalue
11) Tert butyl alcohol	5.21	59	118	1.096	ug/l #	70
13) Acrolein	3.63	56	86	5.213	ug/l #	14
16) Acetone	4.12	43	1288	3.735	ug/l #	46
25) 2-Butanone	7.15	43	718	1.329	ug/l #	51
31) Cyclohexane	7.95	56	3893	1.342	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	13514	4.849	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15834	5.976	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	111	13.276	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	24542	38.333	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24542	93.771	ug/l #	8

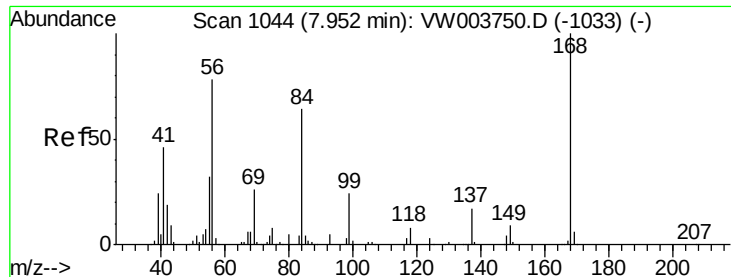
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003850.D

Acq: 11 Jul 2018 03:46

Instrument :

MSVOA_W

ClientSampleId :

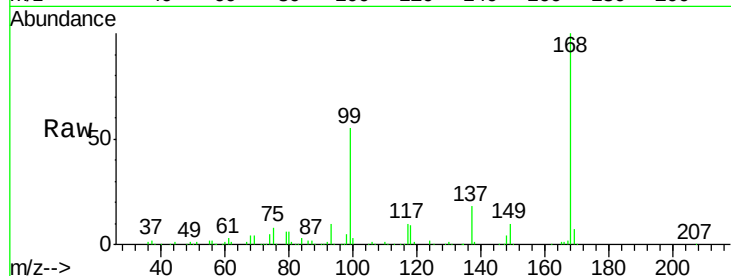
SURCHARGE-SP-23

Tot Ion:168 Resp: 151980

Ion Ratio Lower Upper

168 100

99 55.4 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

80000

60000

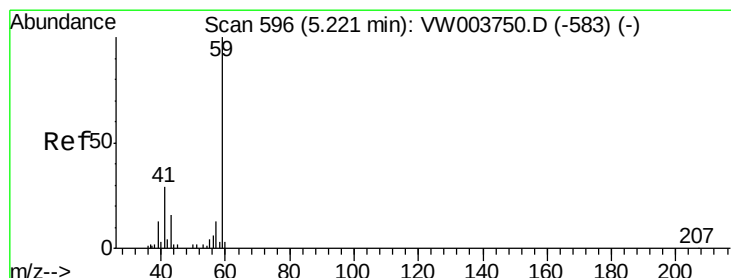
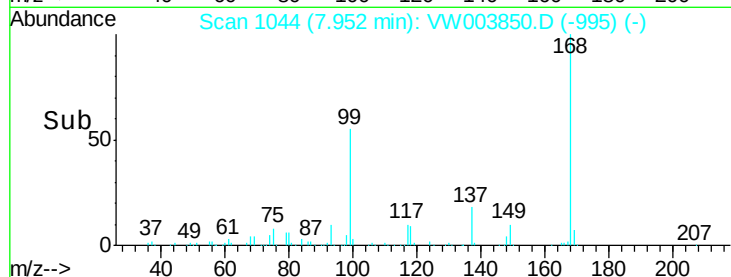
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.096 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW003850.D

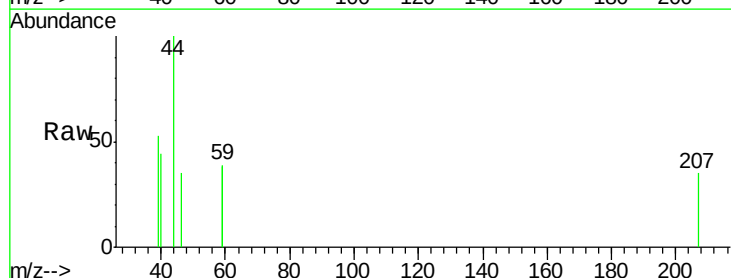
Acq: 11 Jul 2018 03:46

Tgt Ion: 59 Resp: 118

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

200

150

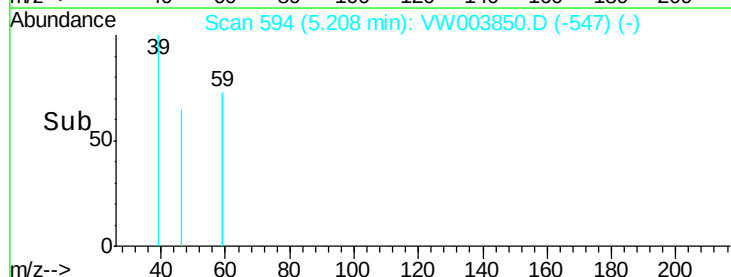
100

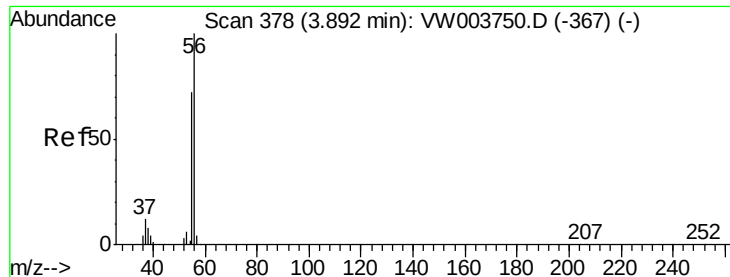
50

0

5.18 5.20 5.22

Time-->





#13

Acrolein

Concen: 5.213 ug/l

RT: 3.63 min Scan# 335

Delta R.T. -0.26 min

Lab File: VW003850.D

Acq: 11 Jul 2018 03:46

Instrument :

MSVOA_W

ClientSampleId :

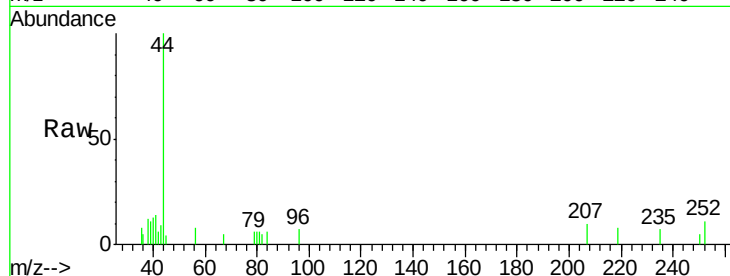
SURCHARGE-SP-23

Tot Ion: 56 Resp: 86

Ion Ratio Lower Upper

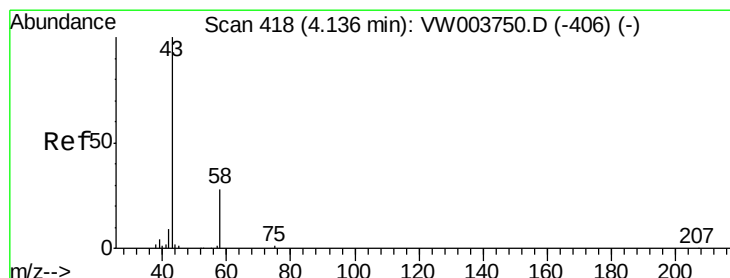
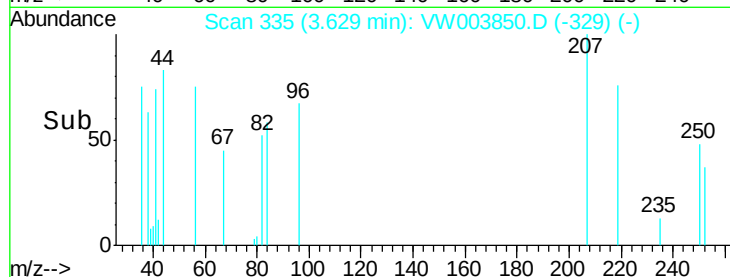
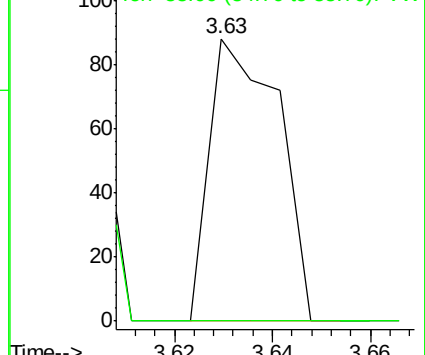
56 100

55 0.0 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: 3.735 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003850.D

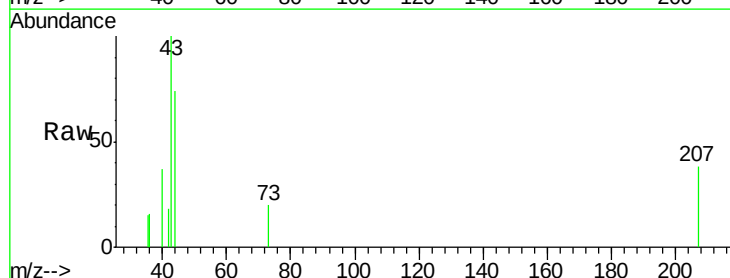
Acq: 11 Jul 2018 03:46

Tgt Ion: 43 Resp: 1288

Ion Ratio Lower Upper

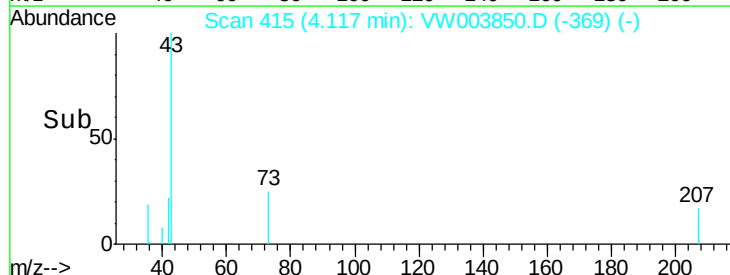
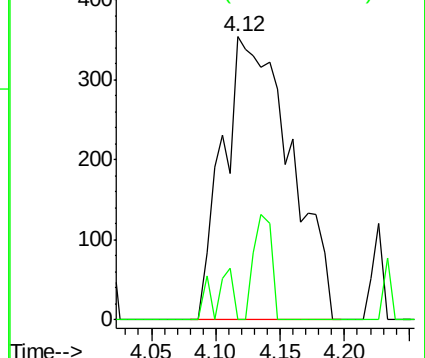
43 100

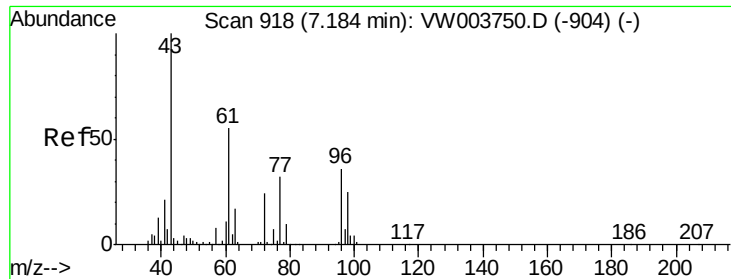
58 0.0 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

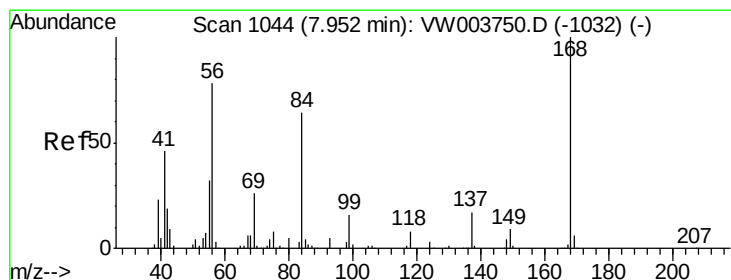
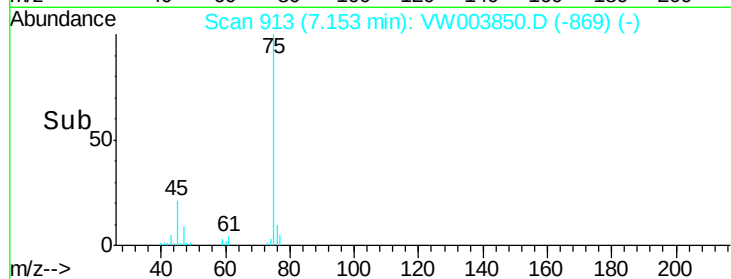
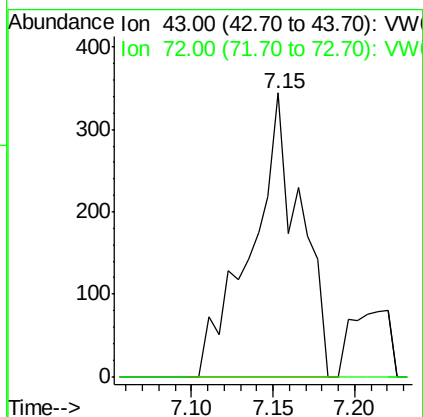
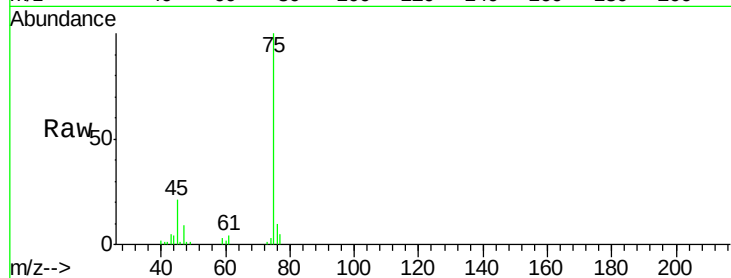




#25
2-Butanone
Concen: 1.329 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003850.D
Acq: 11 Jul 2018 03:46

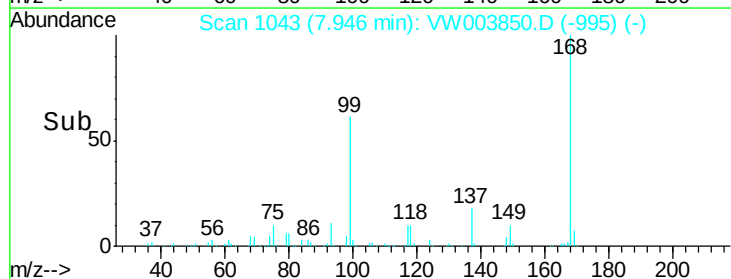
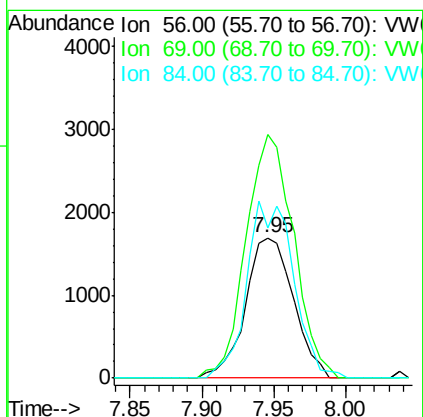
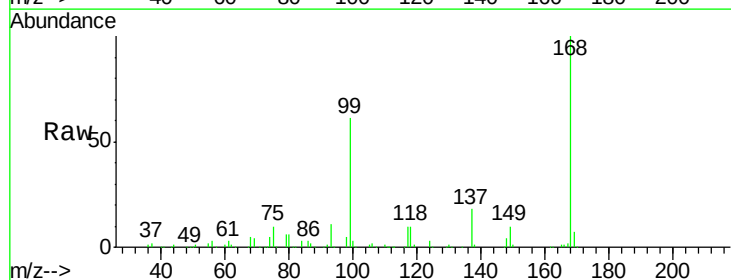
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-23

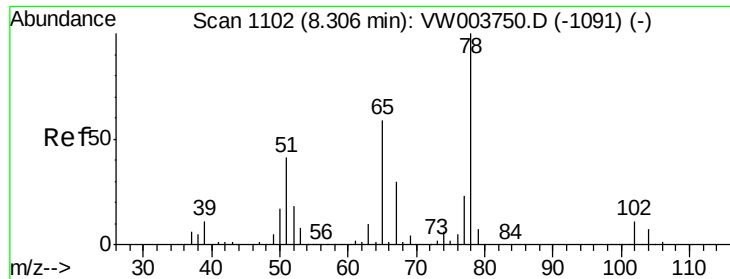
Tot Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003850.D
Acq: 11 Jul 2018 03:46

Tgt Ion: 56 Resp: 3893
Ion Ratio Lower Upper
56 100
69 173.3 26.2 39.4#
84 107.1 65.5 98.3#

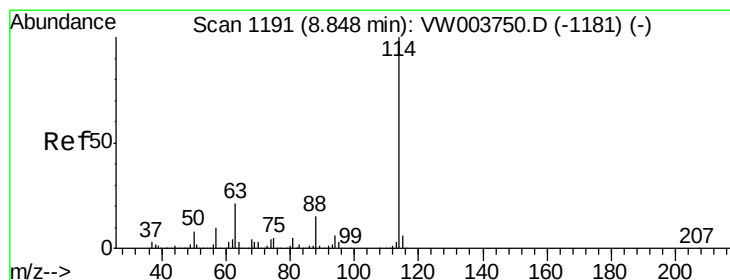
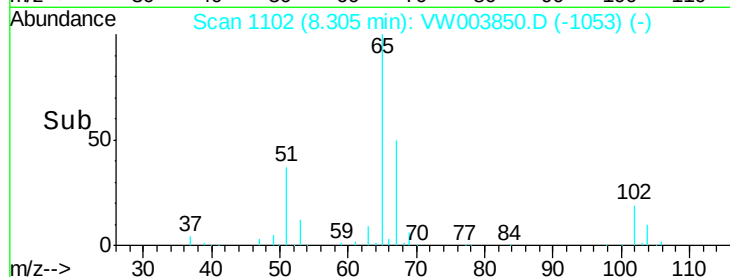
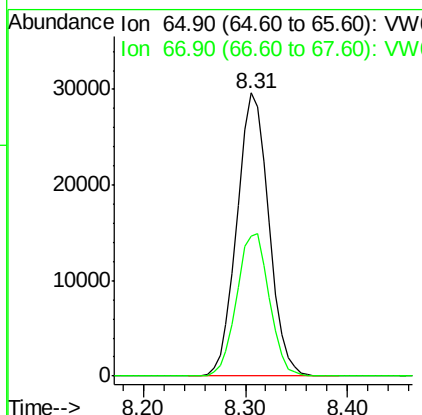
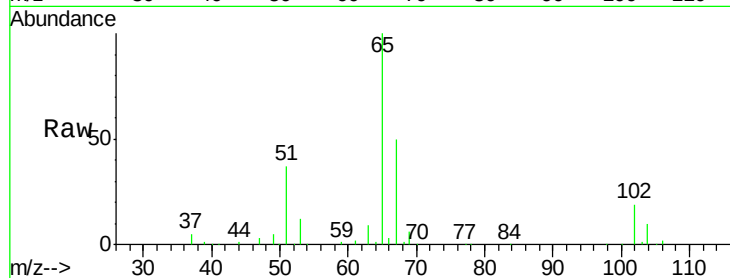




#33
 1,2-Dichloroethane-d4
 Concen: 32.369 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

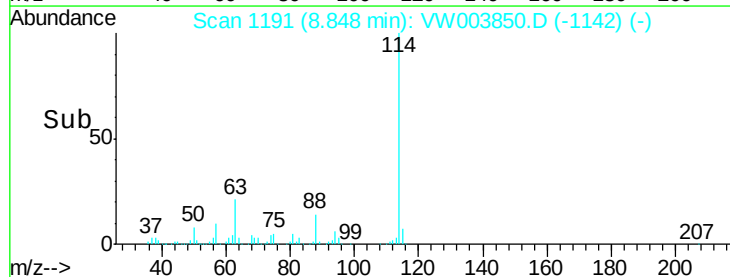
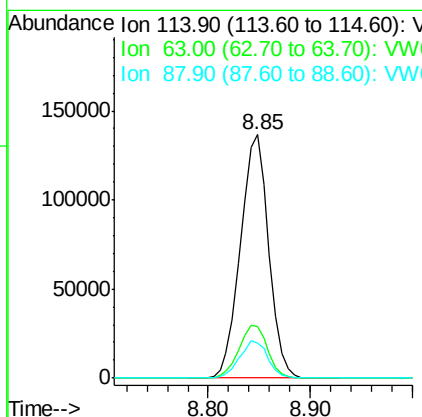
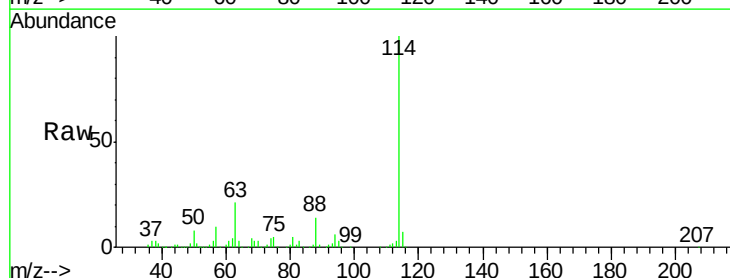
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-23

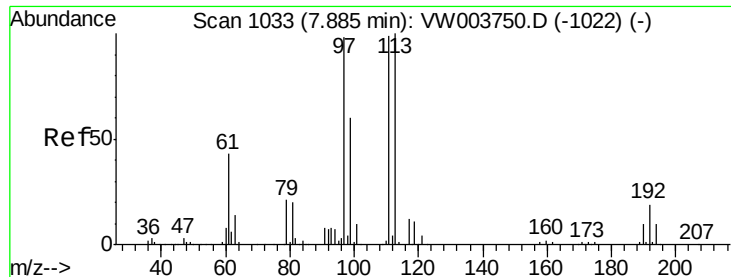
Tot Ion: 65 Resp: 64333
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

Tgt Ion: 114 Resp: 262652
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.8
 88 14.5 0.0 30.2

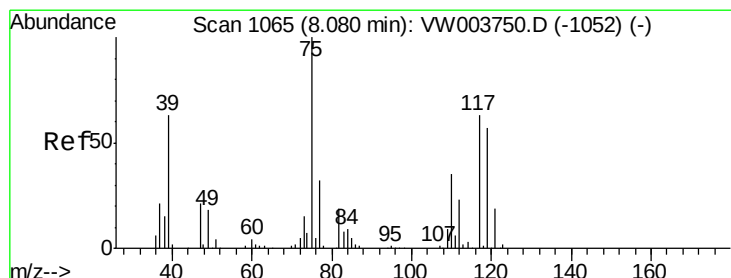
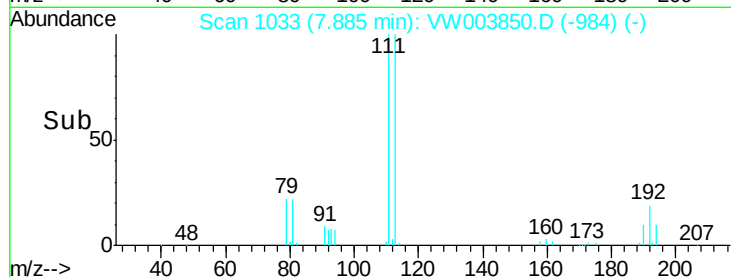
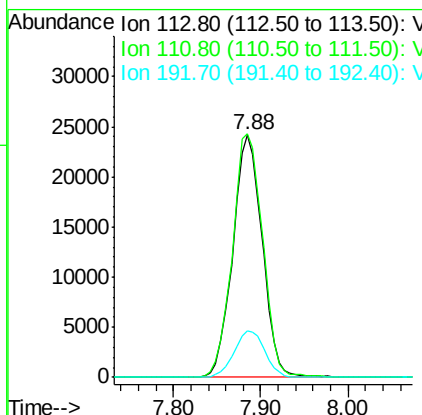
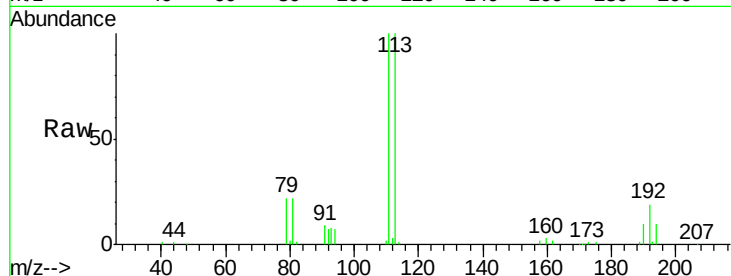




#35
 Dibromofluoromethane
 Concen: 30.703 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

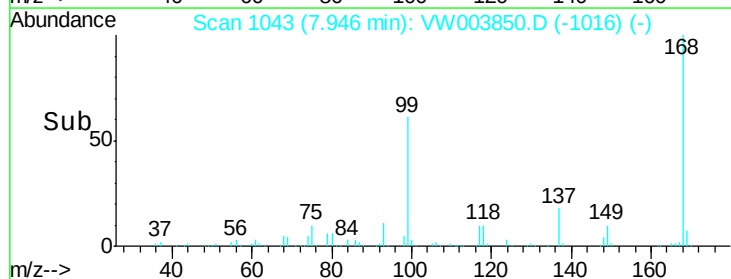
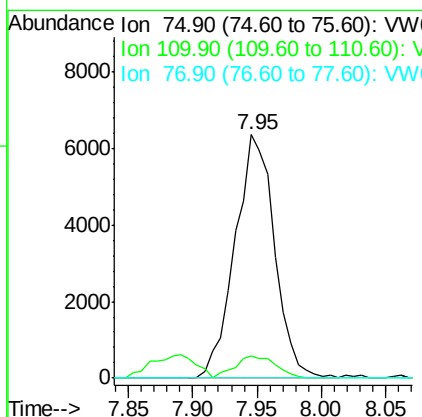
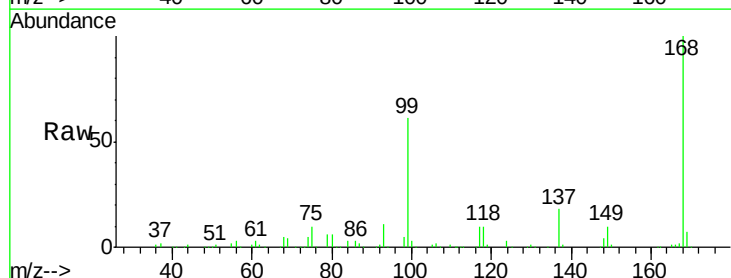
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-23

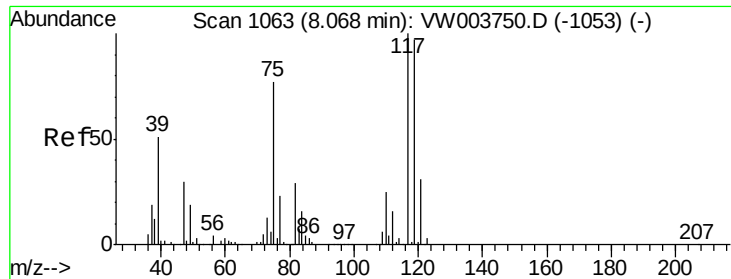
Tot Ion:113 Resp: 56440
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 20.0 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.849 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

Tgt Ion: 75 Resp: 13514
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.976 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003850.D

Acq: 11 Jul 2018 03:46

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-23

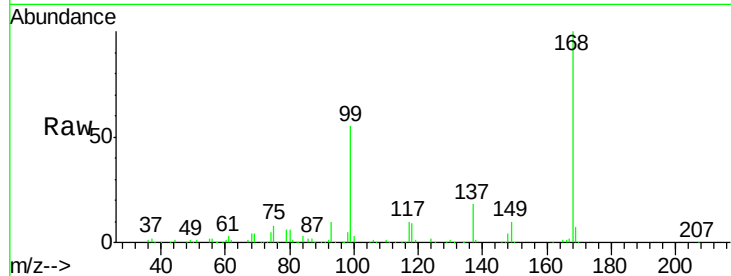
Tot Ion:117 Resp: 15834

Ion Ratio Lower Upper

117 100

119 6.2 77.4 116.2#

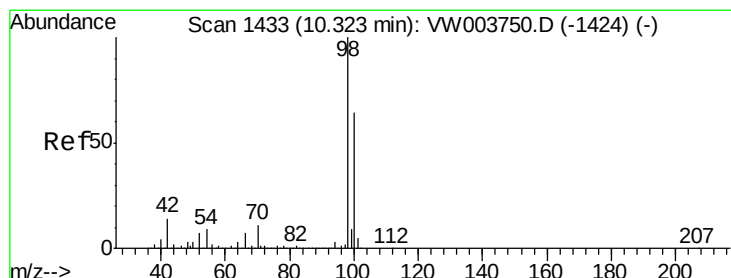
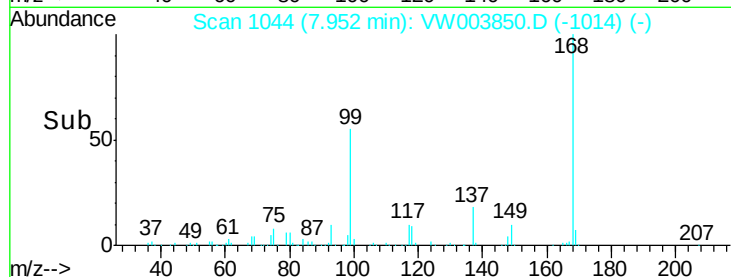
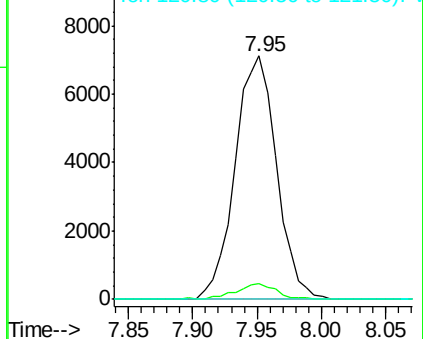
121 0.0 24.6 37.0#



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: 23.062 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003850.D

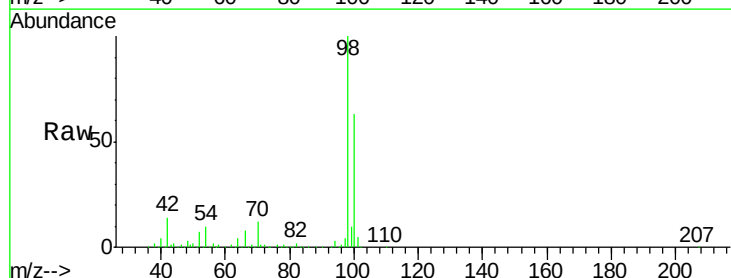
Acq: 11 Jul 2018 03:46

Tgt Ion: 98 Resp: 162167

Ion Ratio Lower Upper

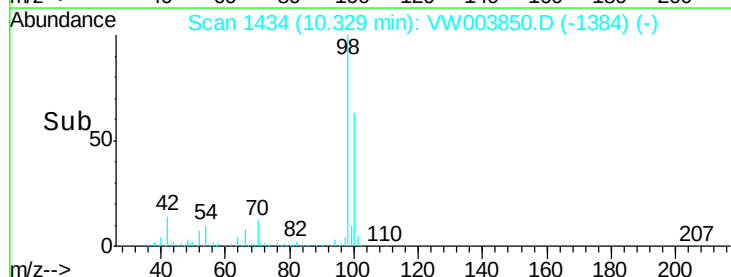
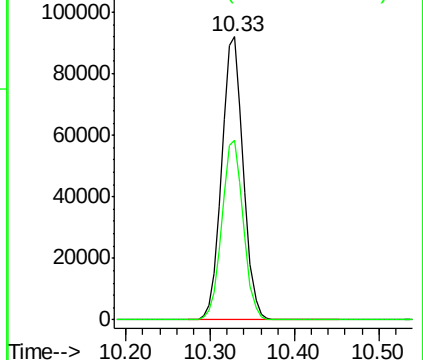
98 100

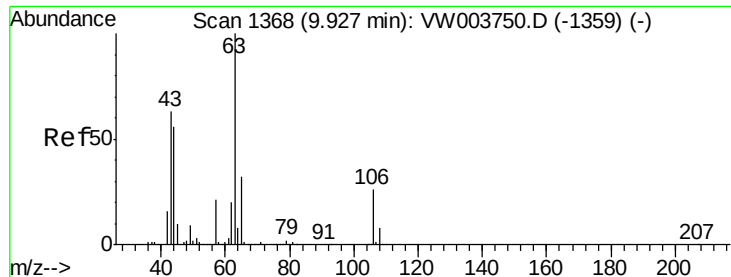
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

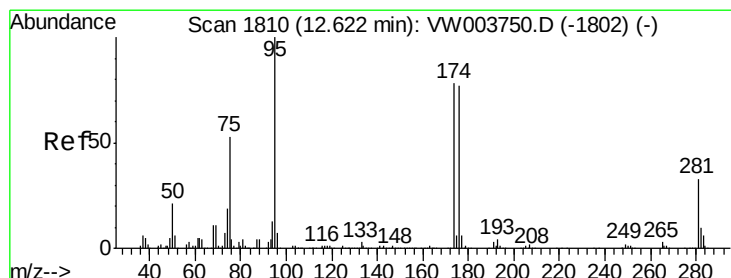
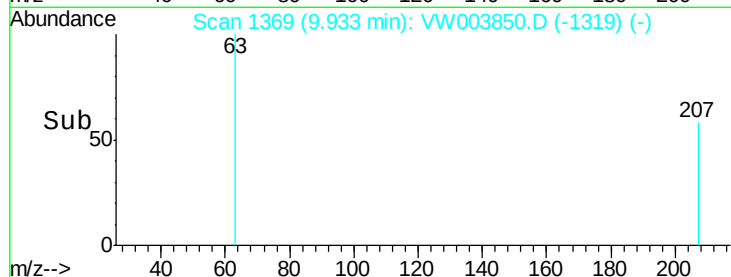
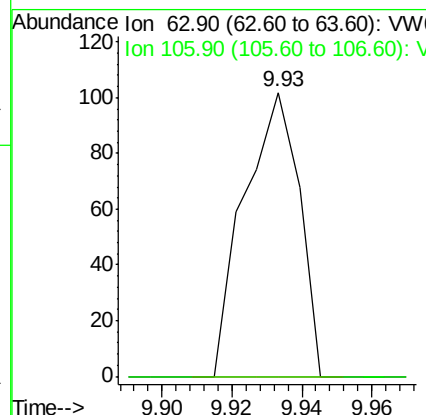
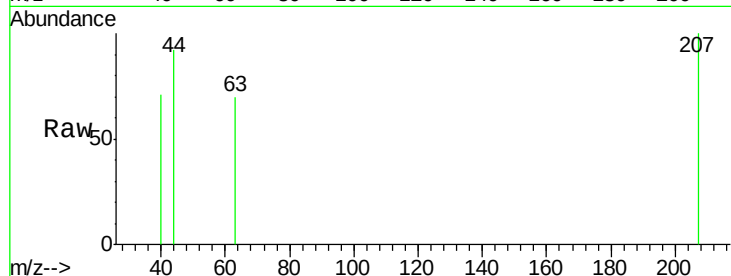




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.276 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

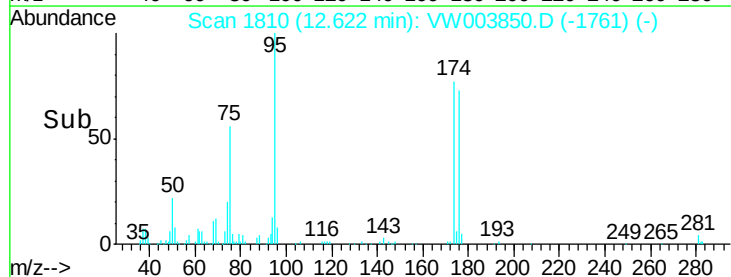
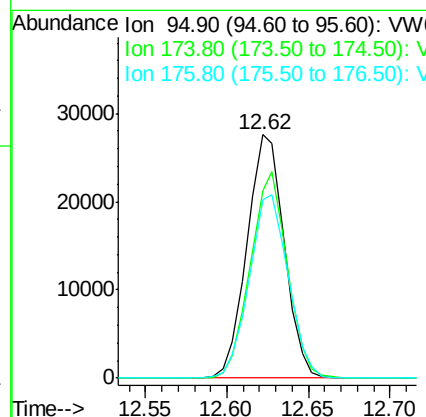
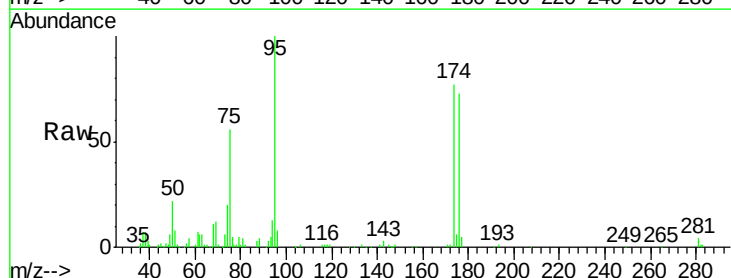
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-23

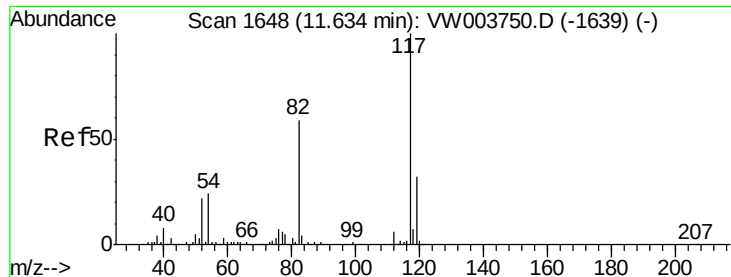
Tot Ion: 63 Resp: 111
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 17.288 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

Tgt Ion: 95 Resp: 43985
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 163.4
 176 78.6 0.0 156.8

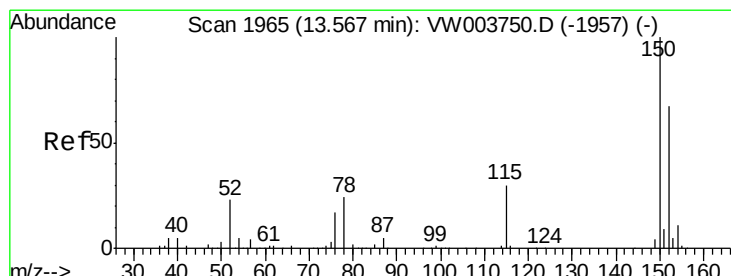
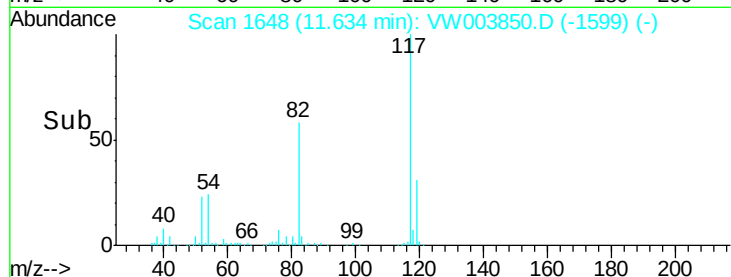
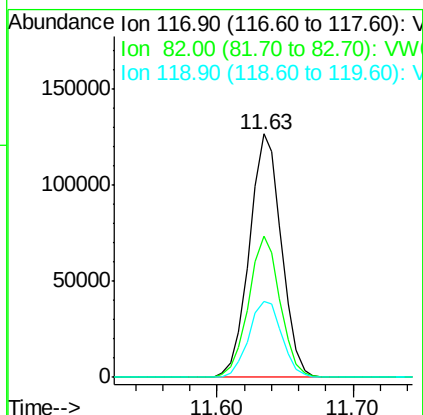
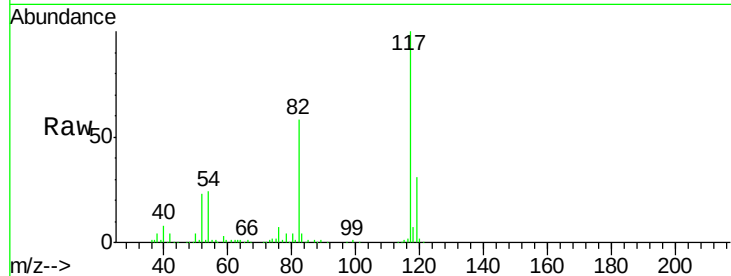




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003850.D
Acq: 11 Jul 2018 03:46

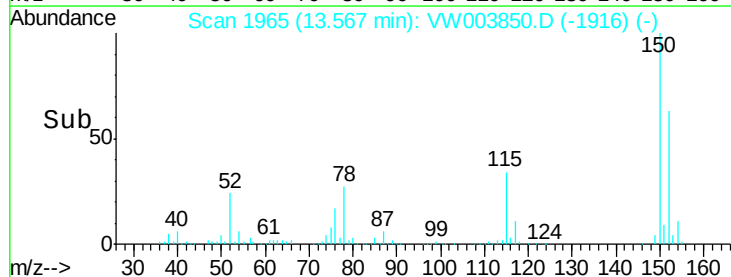
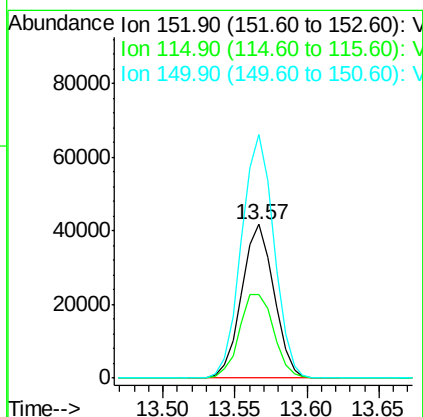
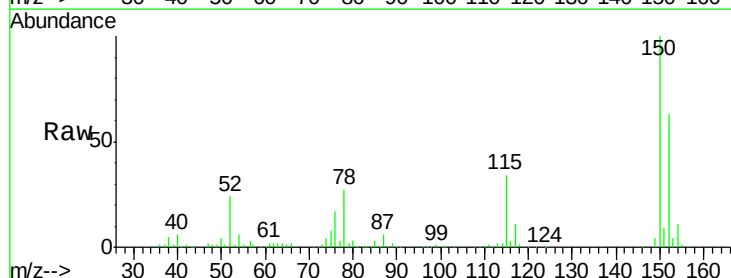
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-23

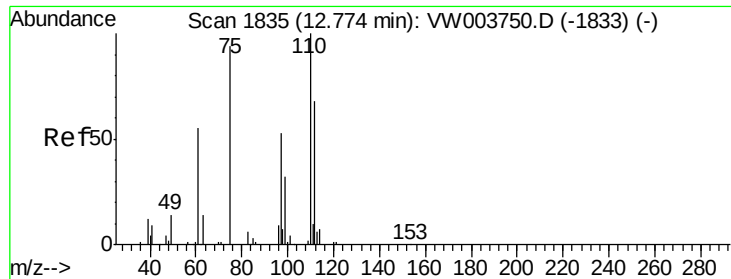
Tot Ion:117 Resp: 208174
Ion Ratio Lower Upper
117 100
82 58.0 46.9 70.3
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003850.D
Acq: 11 Jul 2018 03:46

Tgt Ion:152 Resp: 65198
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.8
150 158.7 0.0 342.4

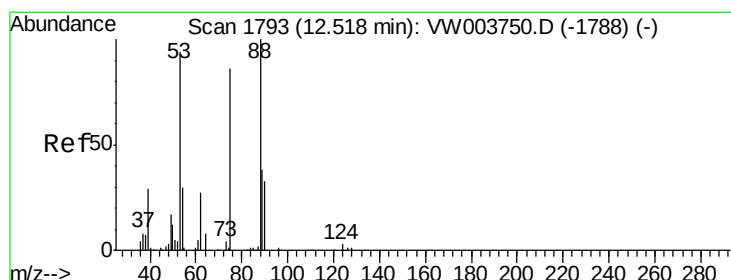
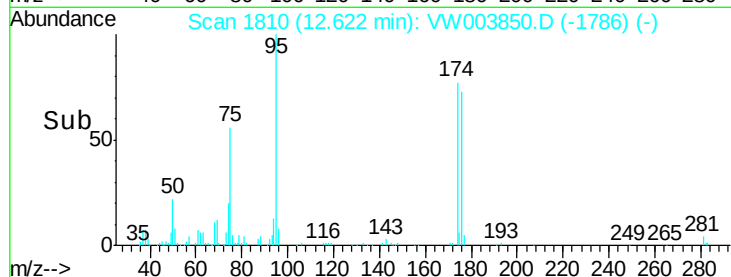
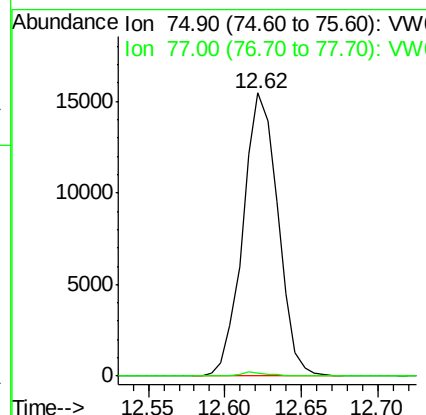
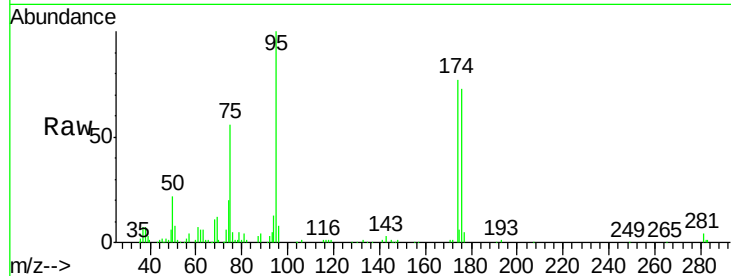




#76
 1,2,3-Trichloropropane
 Concen: 38.333 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-23

Tot Ion: 75 Resp: 24542
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.771 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003850.D
 Acq: 11 Jul 2018 03:46

Tgt Ion: 75 Resp: 24542
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.0 127.6#
 89 0.0 36.3 54.5#

