

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003804.D
 Acq On : 10 Jul 2018 04:33
 Operator : SY/AP
 Sample : J3879-16
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-8

Quant Time: Jul 10 06:51:03 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	100836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25065	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	64432	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	7.88	113	57778	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.33	98	140839	32.82	ug/l	0.00
Spiked Amount			Recovery	=	65.64%	
62) 4-Bromofluorobenzene	12.62	95	30986	19.96	ug/l	0.00
Spiked Amount			Recovery	=	39.92%	

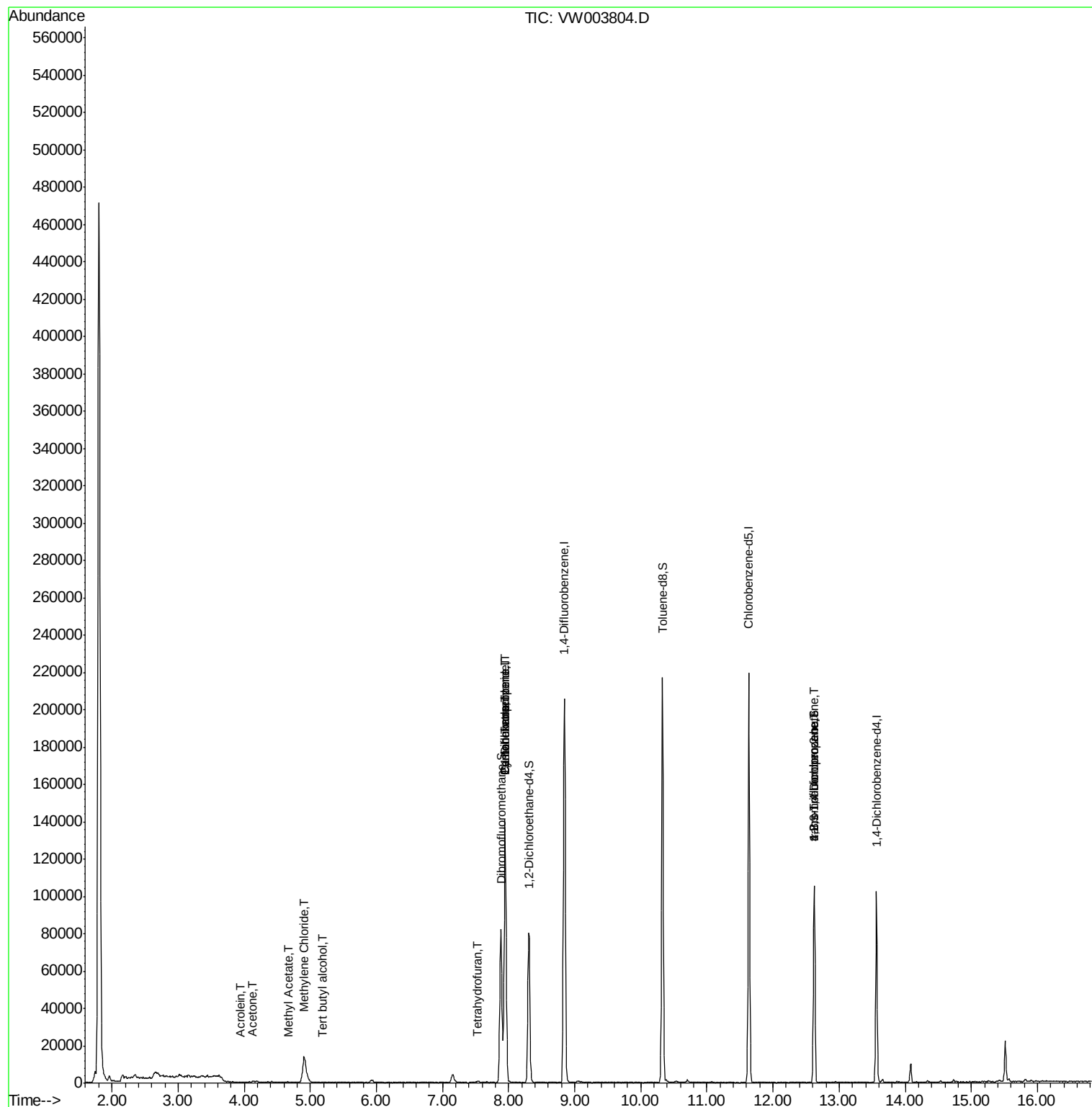
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	284	3.97	ug/l #	70
13) Acrolein	3.95	56	20	4.91	ug/l #	14
16) Acetone	4.13	43	952	4.16	ug/l #	76
18) Methyl Acetate	4.67	43	825	1.28	ug/l #	54
20) Methylene Chloride	4.91	84	12708	7.69	ug/l	86
29) Tetrahydrofuran	7.54	42	287	1.25	ug/l #	52
31) Cyclohexane	7.95	56	2989	1.55	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	9068	5.33	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10337	6.39	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	16457	66.86	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16457	163.56	ug/l #	8

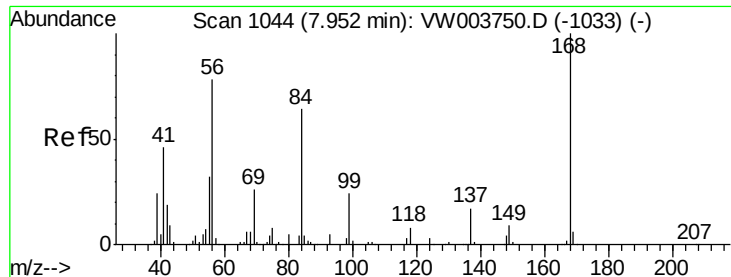
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

Instrument :

MSVOA_W

ClientSampleId :

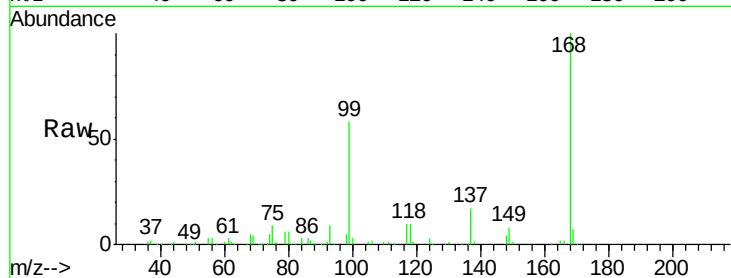
SURCHARGE-SP-8

Tot Ion:168 Resp: 100836

Ion Ratio Lower Upper

168 100

99 57.6 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

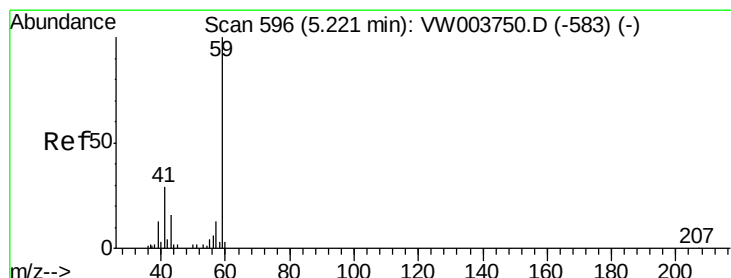
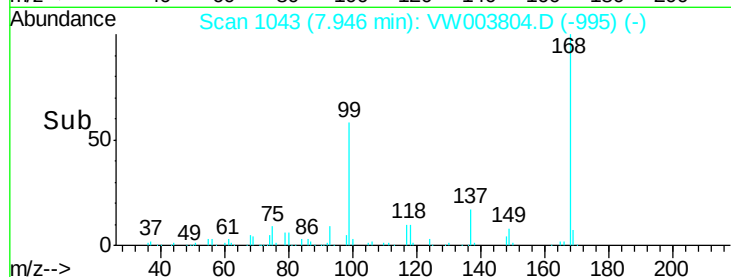
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.97 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.04 min

Lab File: VW003804.D

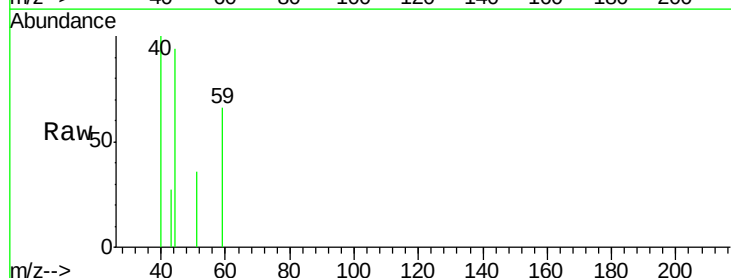
Acq: 10 Jul 2018 04:33

Tgt Ion: 59 Resp: 284

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

5.18

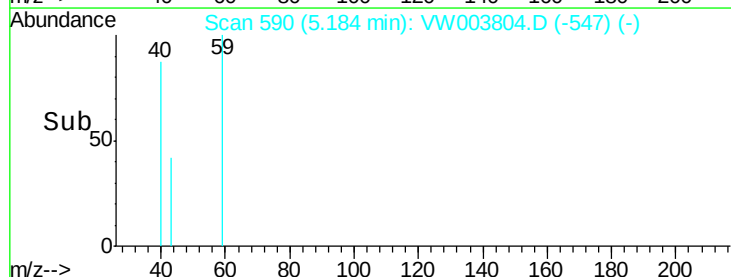
150

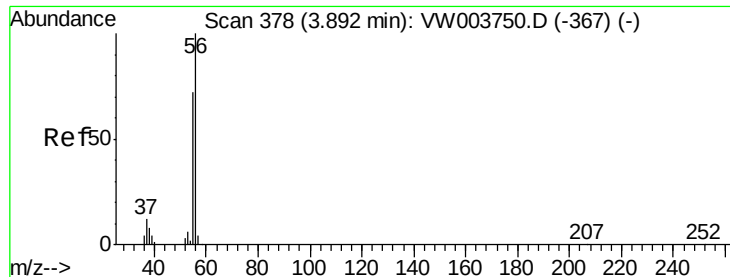
100

50

0

Time-->





#13

Acrolein

Concen: 4.91 ug/l

RT: 3.95 min Scan# 387

Delta R.T. 0.06 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

Instrument :

MSVOA_W

ClientSampleId :

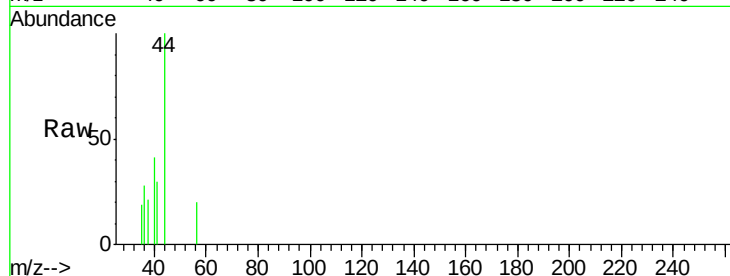
SURCHARGE-SP-8

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

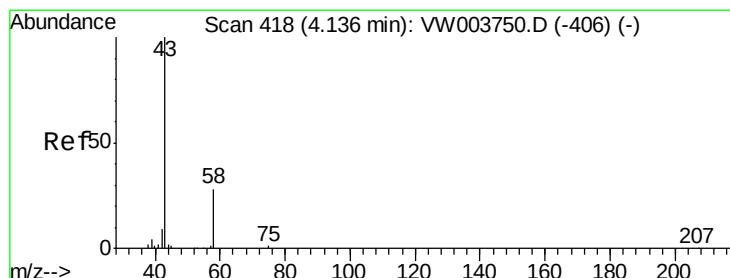
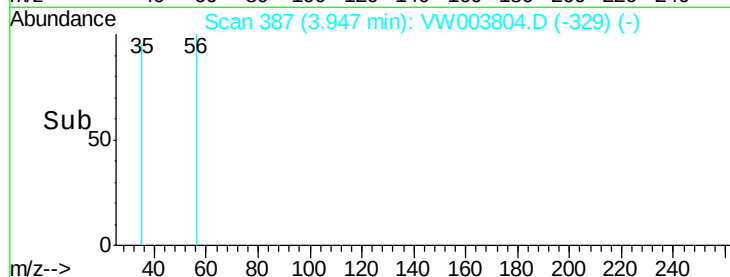
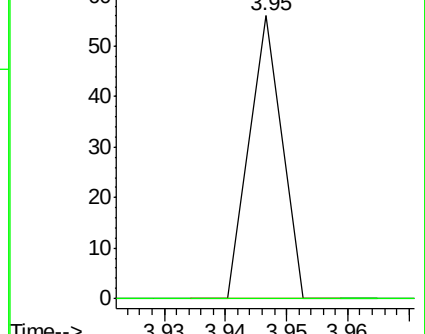
56 100

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: 4.16 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003804.D

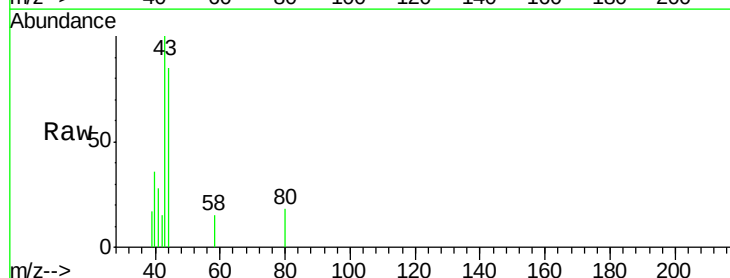
Acq: 10 Jul 2018 04:33

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

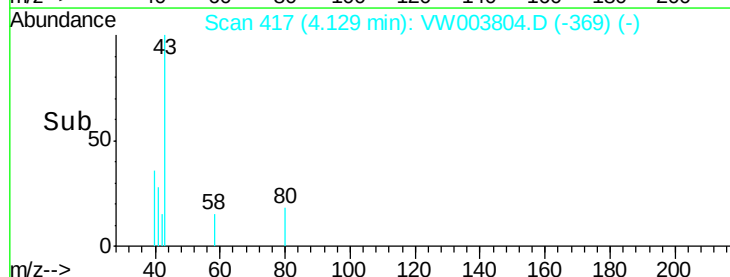
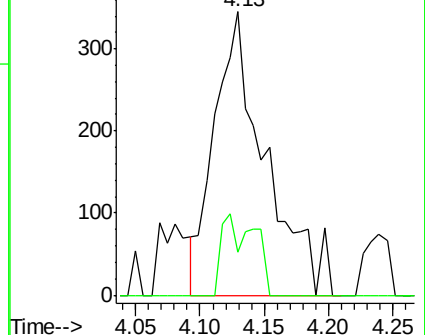
43 100

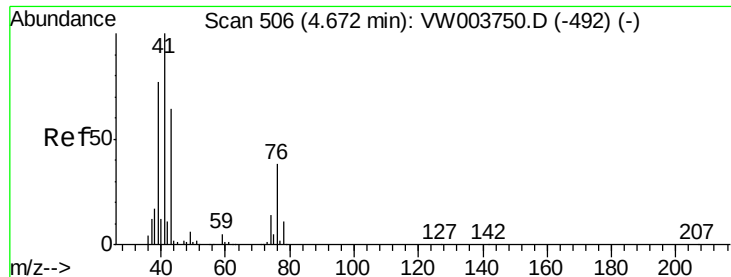
58 15.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

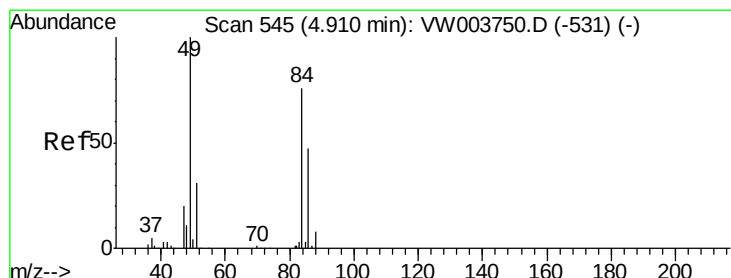
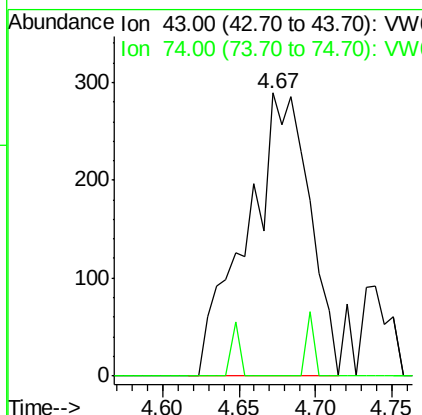
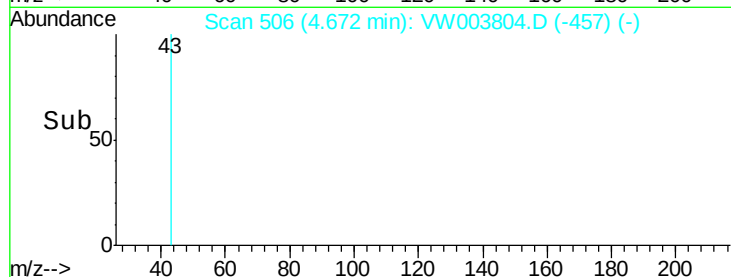
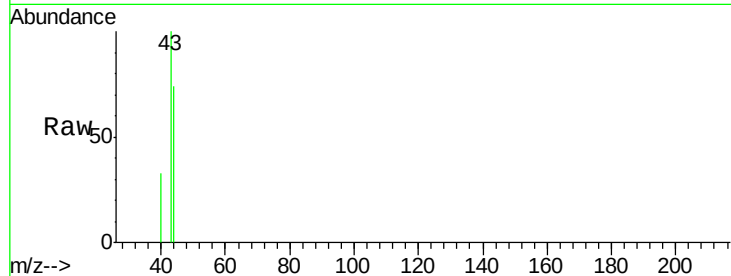




#18
Methvl Acetate
Concen: 1.28 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

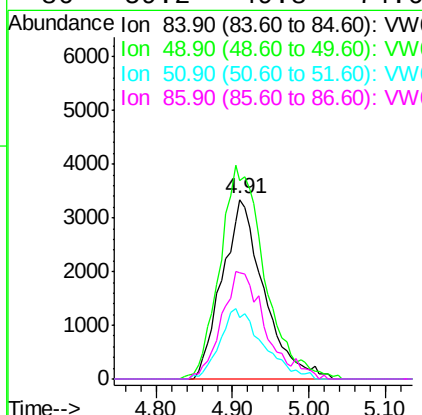
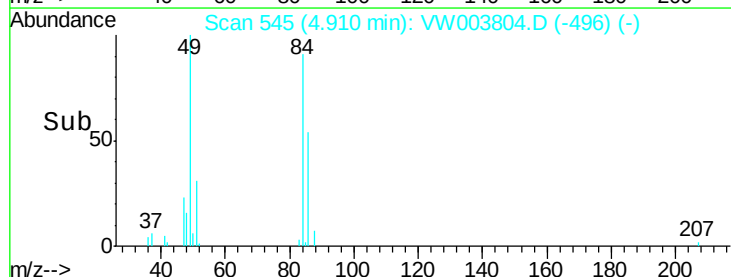
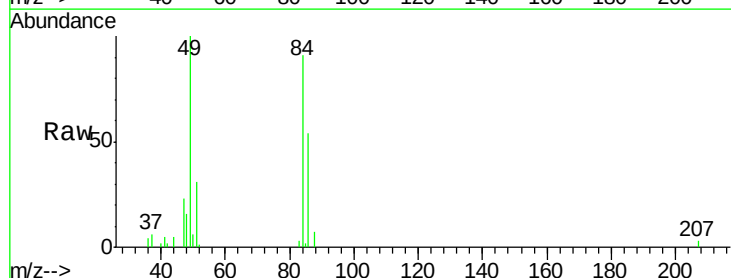
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-8

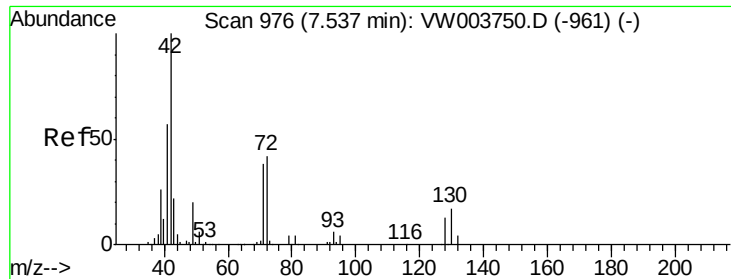
Tot Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: 7.69 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Tgt Ion: 84 Resp: 12708
Ion Ratio Lower Upper
84 100
49 108.3 105.1 157.7
51 33.9 32.5 48.7
86 59.2 49.8 74.6

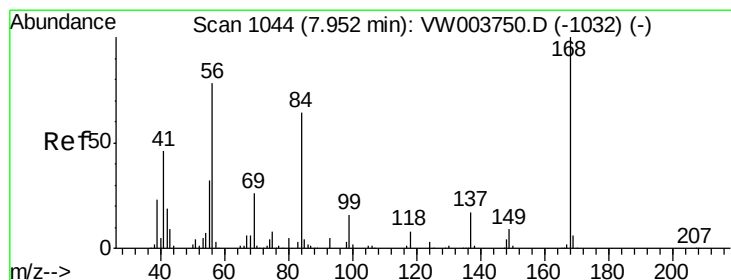
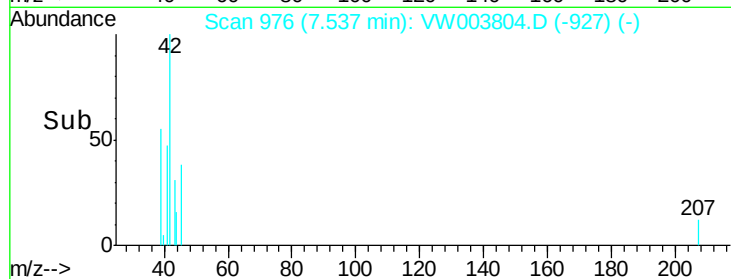
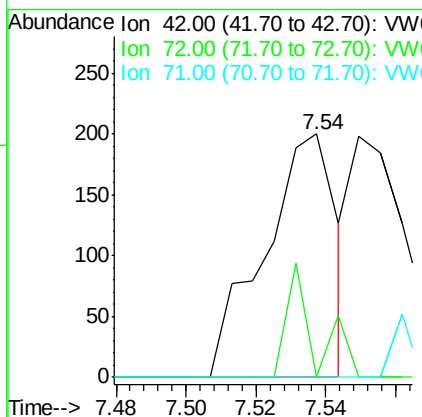
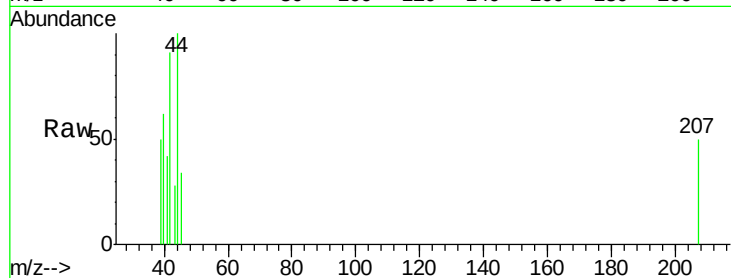




#29
Tetrahydrofuran
Concen: 1.25 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

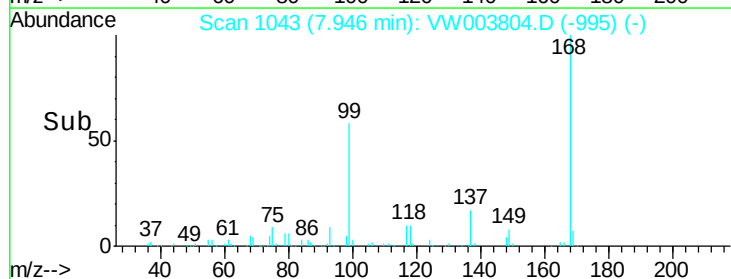
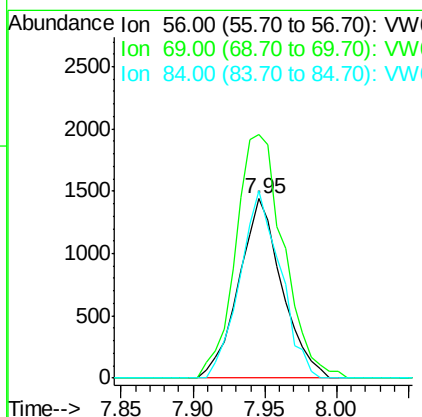
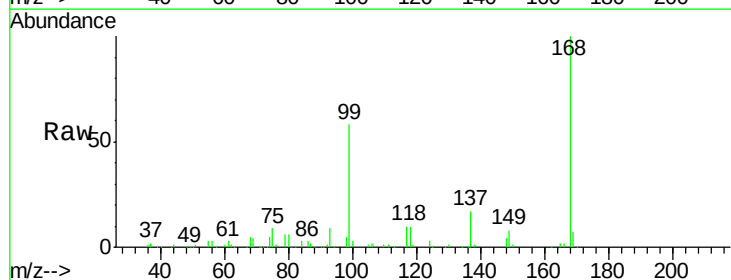
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-8

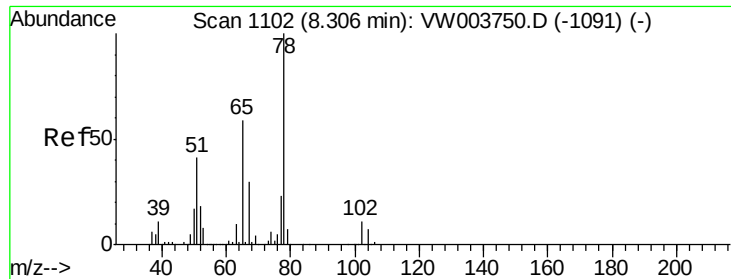
Tot Ion: 42 Resp: 287
Ion Ratio Lower Upper
42 100
72 18.5 31.8 47.8#
71 0.0 30.3 45.5#



#31
Cyclohexane
Concen: 1.55 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Tgt Ion: 56 Resp: 2989
Ion Ratio Lower Upper
56 100
69 135.9 26.2 39.4#
84 104.7 65.5 98.3#

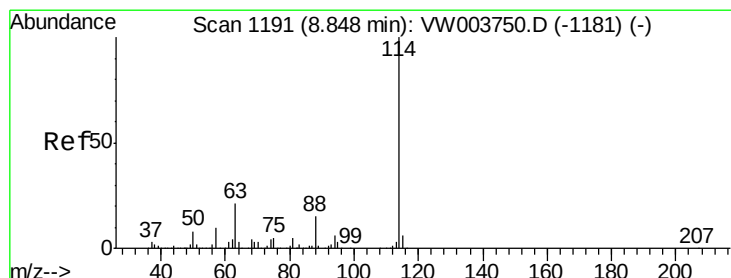
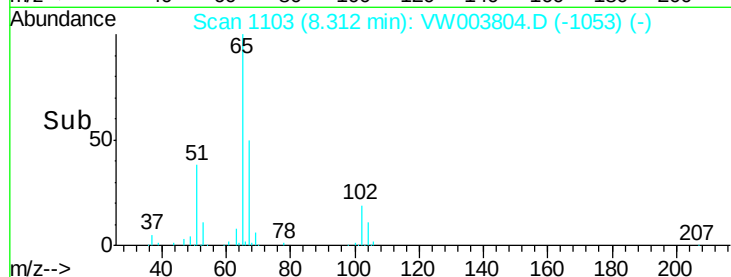
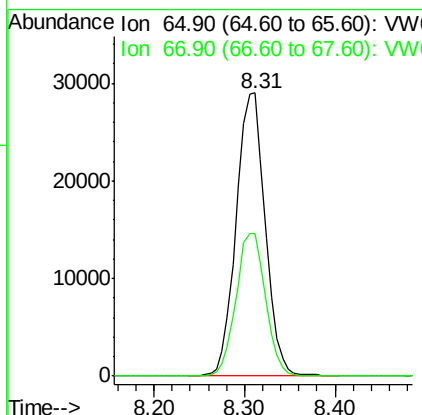
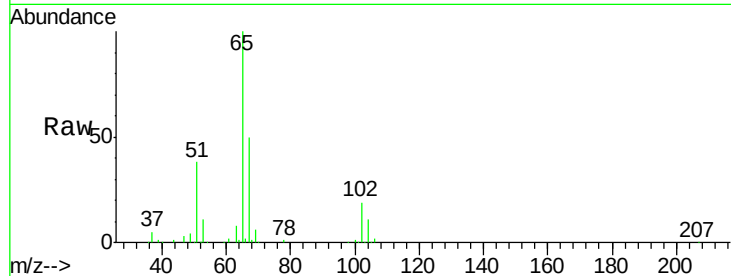




#33
 1,2-Dichloroethane-d4
 Concen: 48.86 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003804.D
 Acq: 10 Jul 2018 04:33

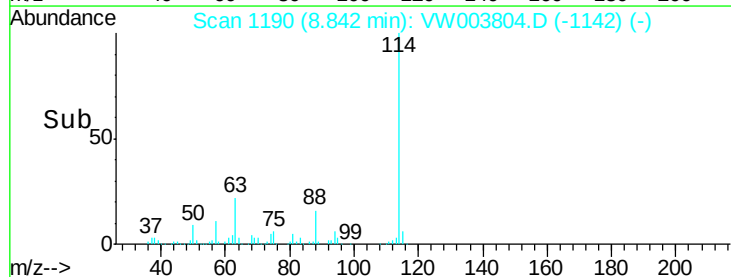
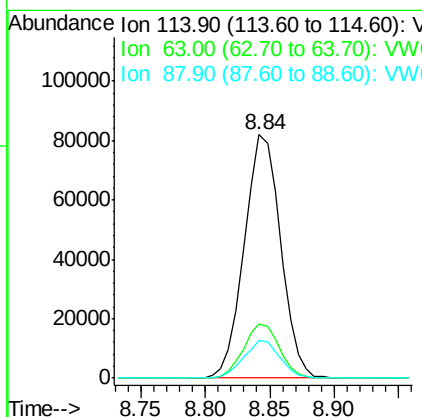
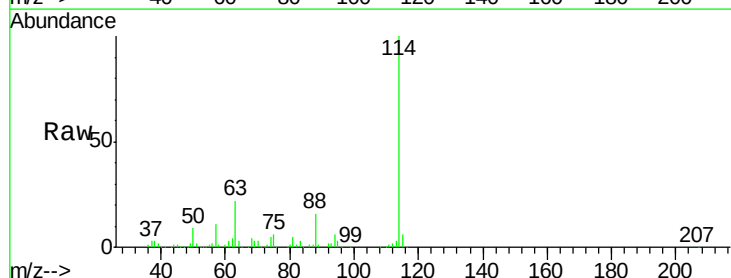
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-8

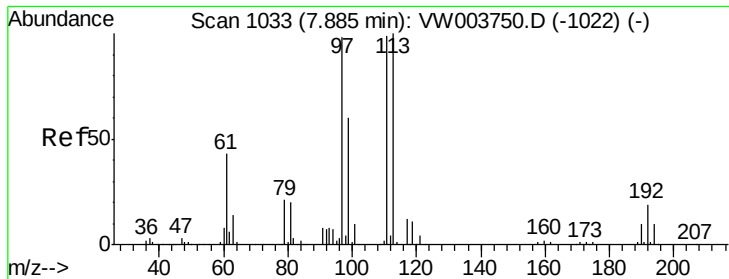
Tot Ion: 65 Resp: 64432
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003804.D
 Acq: 10 Jul 2018 04:33

Tgt Ion: 114 Resp: 160294
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 15.6 0.0 30.2

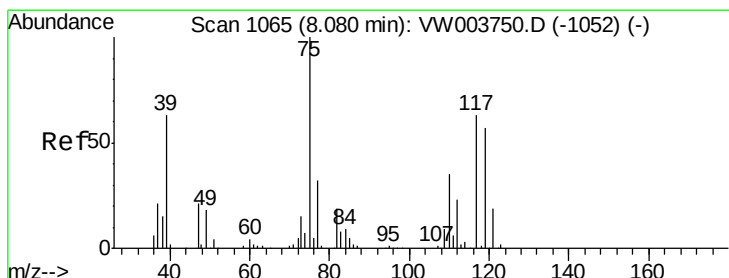
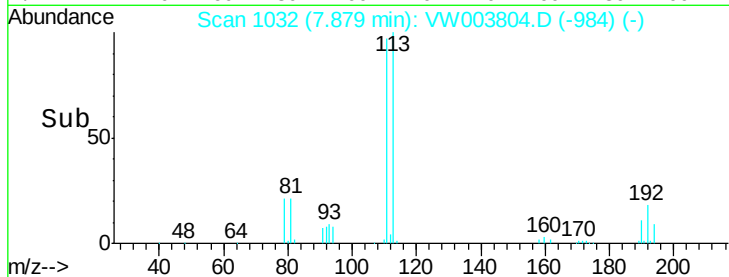
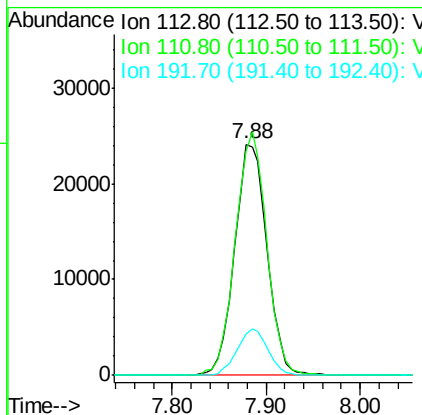
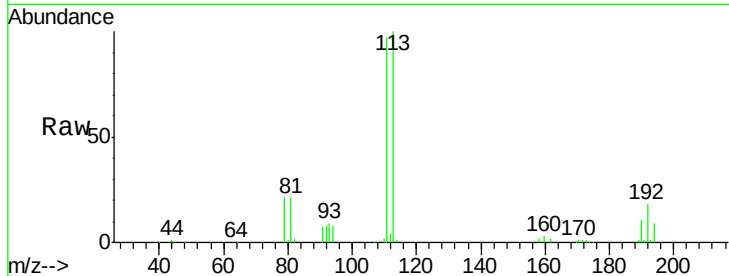




#35
 Dibromofluoromethane
 Concen: 51.50 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW003804.D
 Acq: 10 Jul 2018 04:33

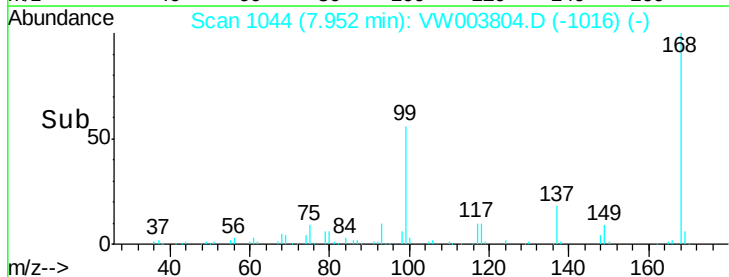
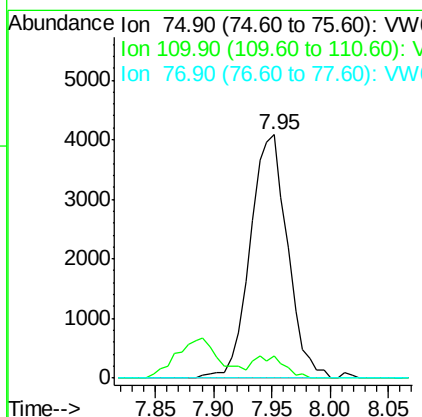
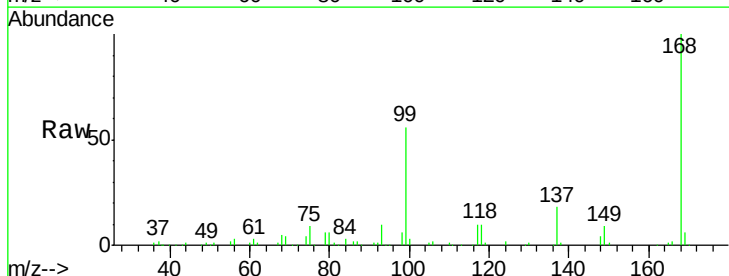
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 ClientSampleId :
 SURCHARGE-SP-8

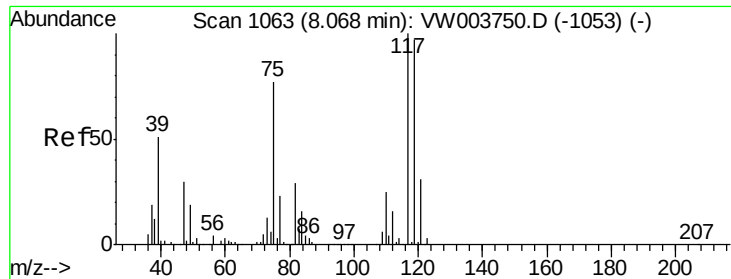
Tot Ion:113 Resp: 57778
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 19.1 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.33 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003804.D
 Acq: 10 Jul 2018 04:33

Tgt Ion: 75 Resp: 9068
 Ion Ratio Lower Upper
 75 100
 110 7.6 16.9 50.6#
 77 0.0 24.8 37.2#

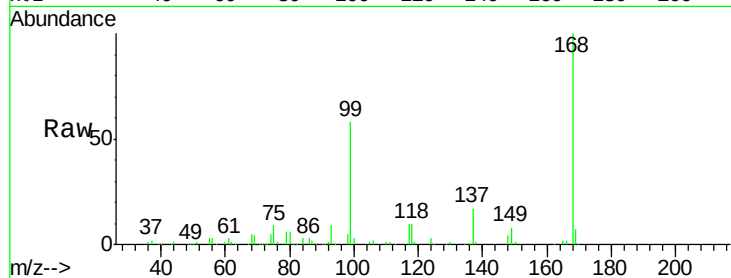




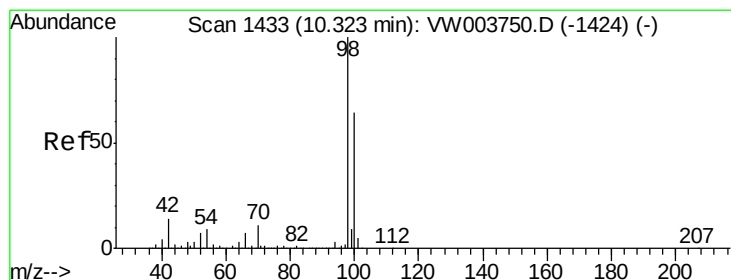
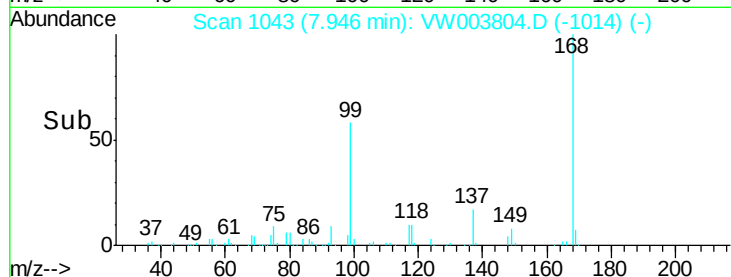
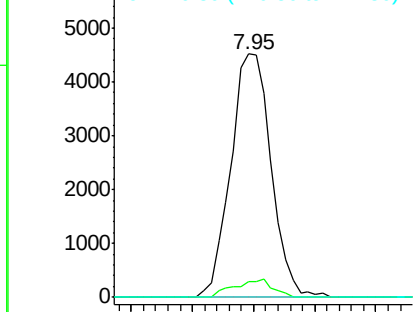
#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-8

Tot Ion:117 Resp: 10337
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.2#
121 0.0 24.6 37.0#

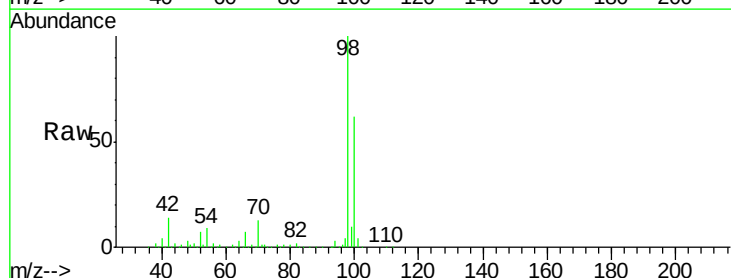


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

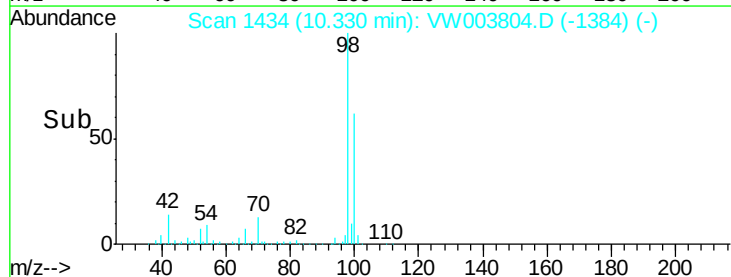
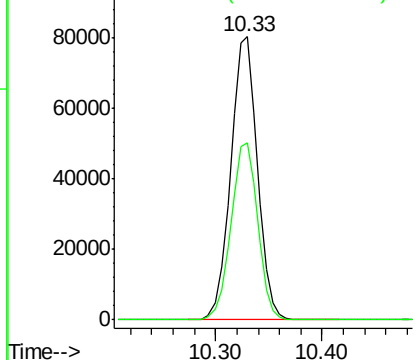


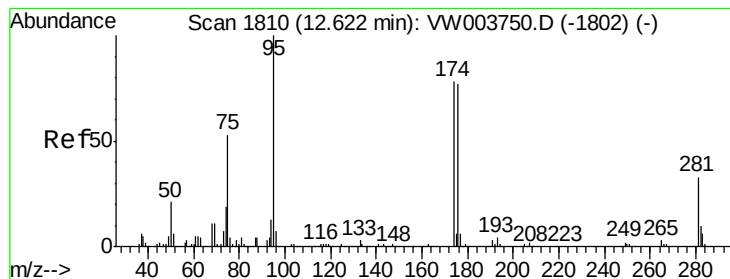
#50
Toluene-d8
Concen: 32.82 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Tgt Ion: 98 Resp: 140839
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 19.96 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-8

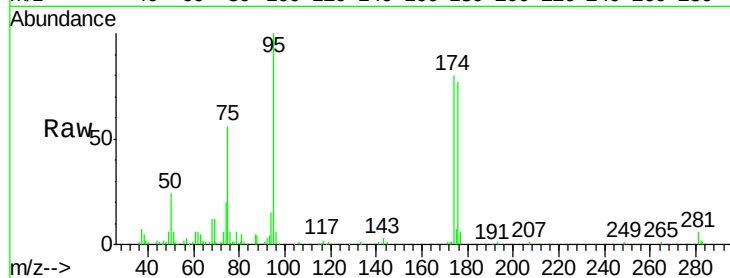
Tot Ion: 95 Resp: 30986

Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.4

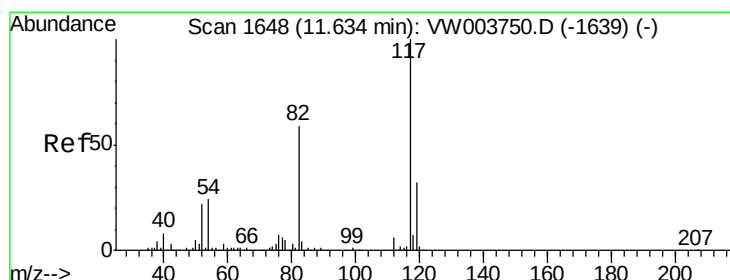
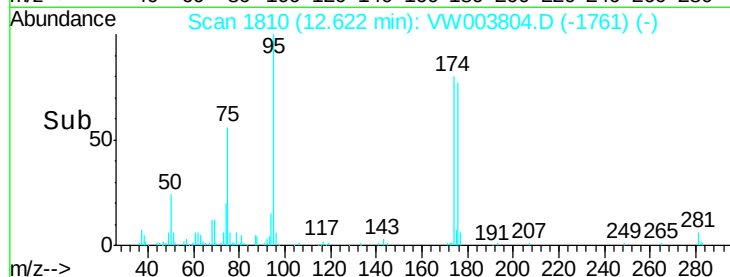
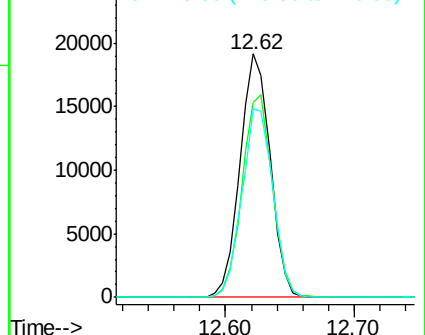
176 79.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

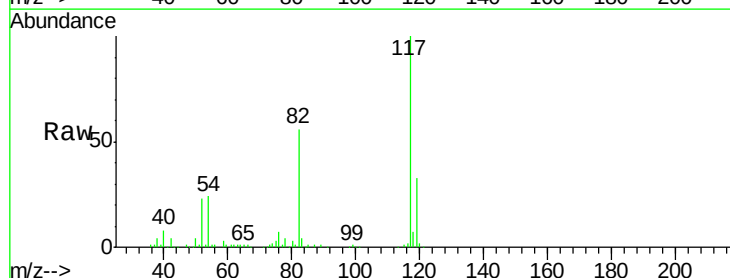
Tgt Ion: 117 Resp: 111688

Ion Ratio Lower Upper

117 100

82 56.1 46.9 70.3

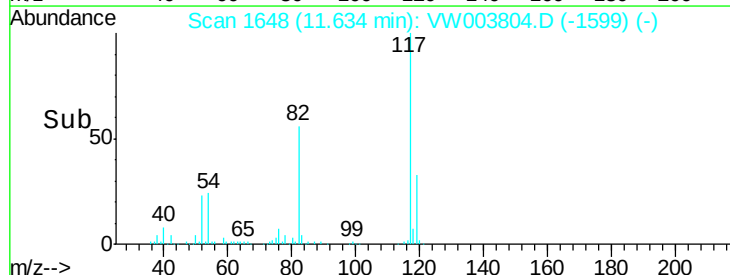
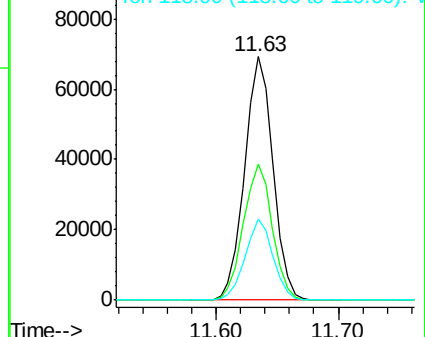
119 33.5 25.5 38.3

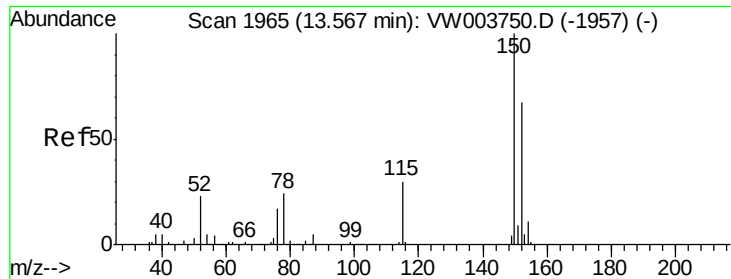


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



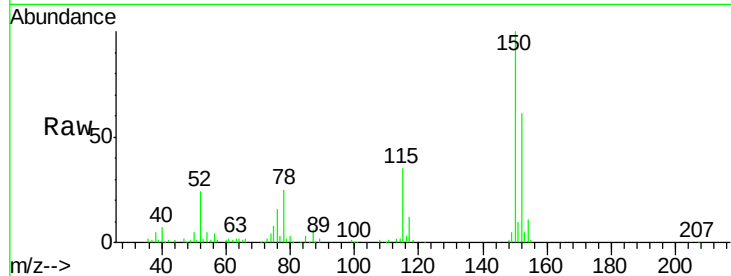


#72

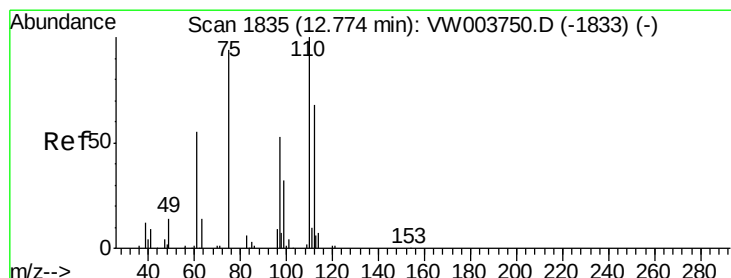
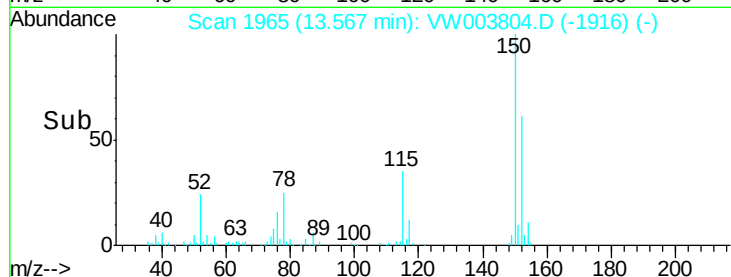
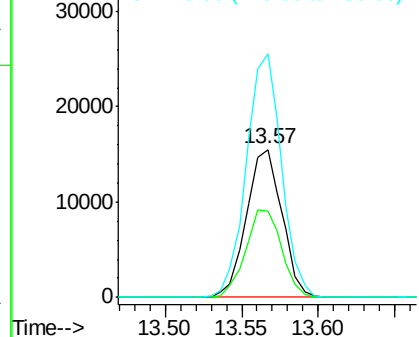
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-8

Tot Ion:152 Resp: 25065
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 162.6 0.0 342.4



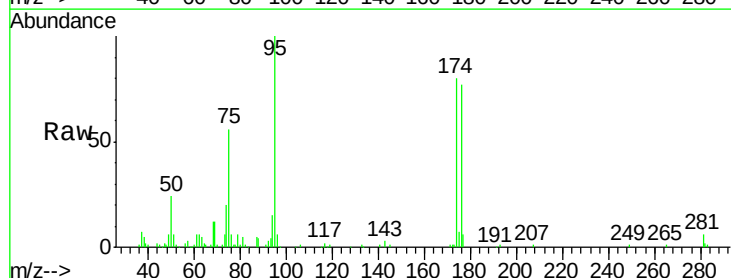
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



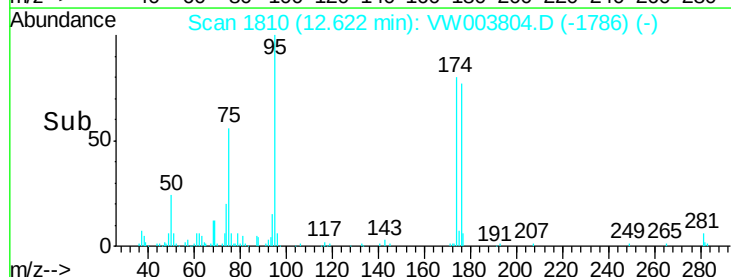
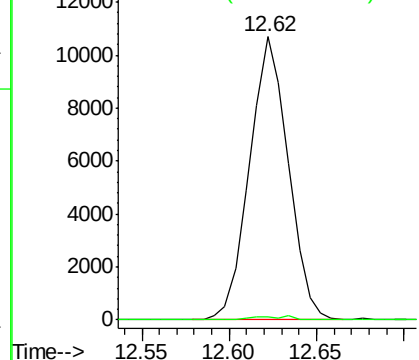
#76

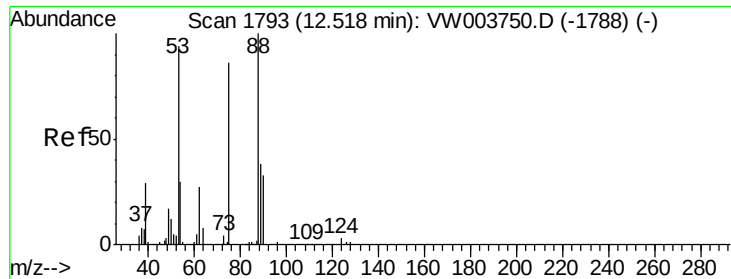
1,2,3-Trichloropropane
Concen: 66.86 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003804.D
Acq: 10 Jul 2018 04:33

Tgt Ion: 75 Resp: 16457
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 163.56 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003804.D

Acq: 10 Jul 2018 04:33

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-8

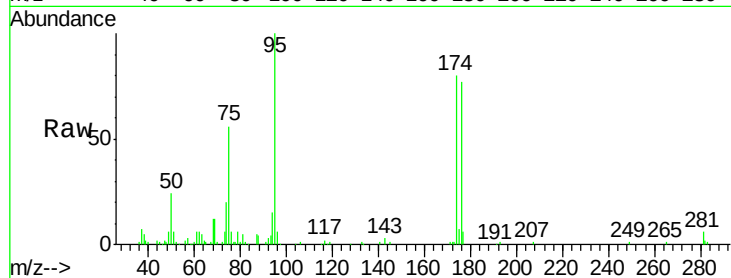
Tot Ion: 75 Resp: 16457

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

