

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003802.D
 Acq On : 10 Jul 2018 03:41
 Operator : SY/AP
 Sample : J3879-12
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-6

Quant Time: Jul 10 04:26:01 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	113581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29118	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	68455	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
35) Dibromofluoromethane	7.88	113	60213	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	10.33	98	159779	32.73	ug/l	0.00
Spiked Amount			Recovery	=	65.46%	
62) 4-Bromofluorobenzene	12.62	95	32865	18.61	ug/l	0.00
Spiked Amount			Recovery	=	37.22%	

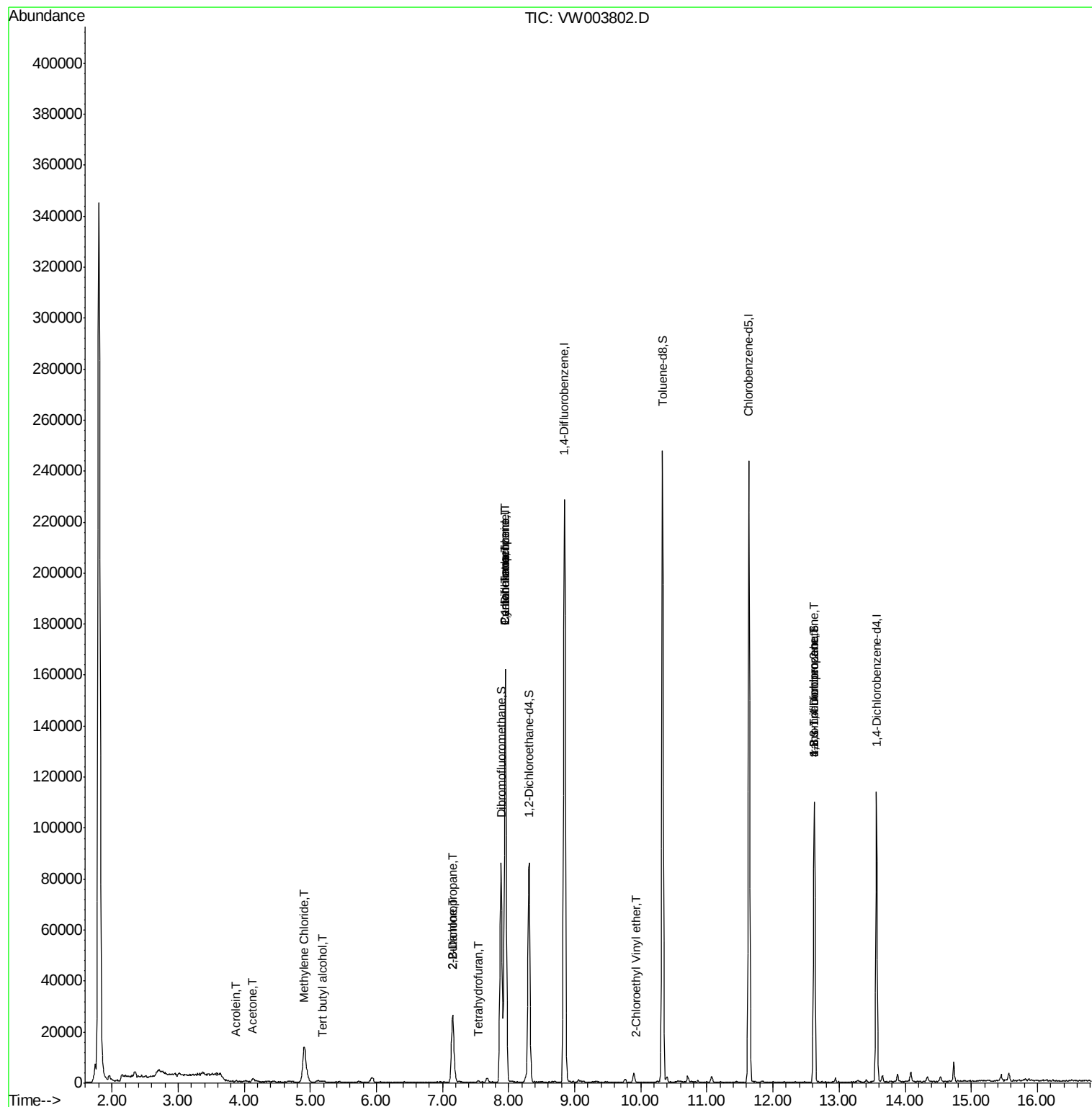
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	536	6.66	ug/l #	70
13) Acrolein	3.89	56	20	4.89	ug/l #	14
16) Acetone	4.14	43	2444	9.48	ug/l #	81
20) Methylene Chloride	4.90	84	11875	5.56	ug/l #	87
25) 2-Butanone	7.15	43	1661	4.12	ug/l #	89
26) 2,2-Dichloropropane	7.15	77	1638	1.22	ug/l #	53
29) Tetrahydrofuran	7.54	42	306	1.18	ug/l #	36
31) Cyclohexane	7.95	56	3123	1.44	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	10133	5.24	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11971	6.51	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.94	63	64	13.26	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	18165	63.53	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	18165	155.41	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003802.D
Acq On : 10 Jul 2018 03:41
Operator : SY/AP
Sample : J3879-12
Misc : 5.66G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-6

Quant Time: Jul 10 04:26:01 2018
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: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

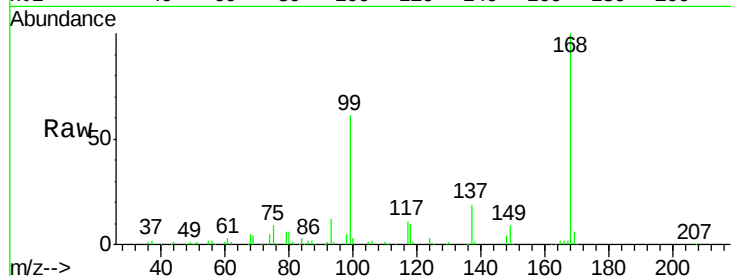
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-6

Tot Ion:168 Resp: 113581

Ion Ratio Lower Upper

168 100

99 60.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

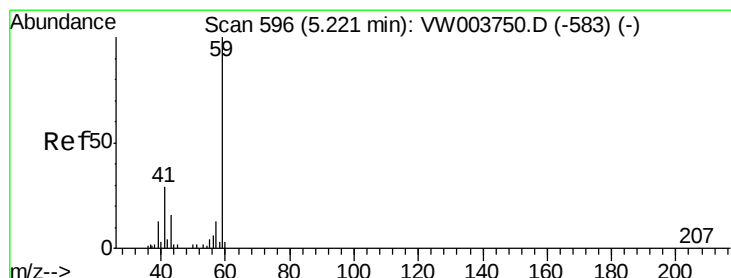
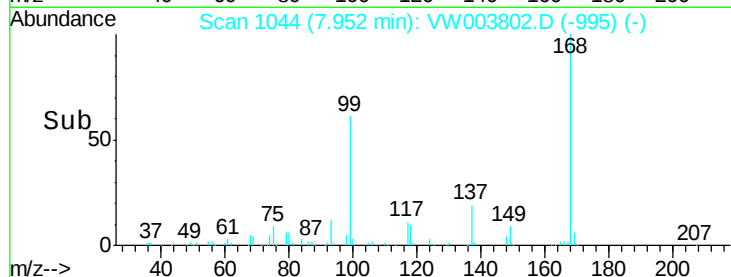
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 6.66 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.04 min

Lab File: VW003802.D

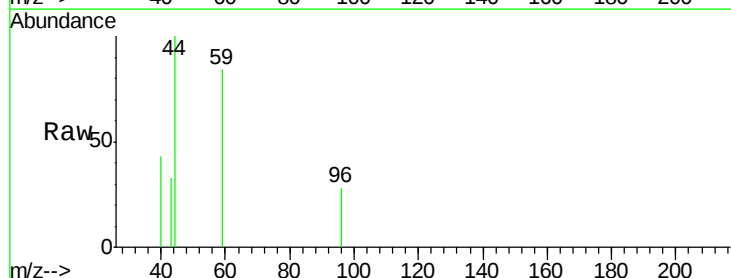
Acq: 10 Jul 2018 03:41

Tgt Ion: 59 Resp: 536

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

250

200

150

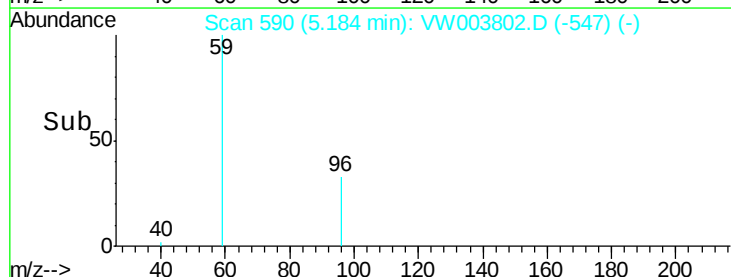
100

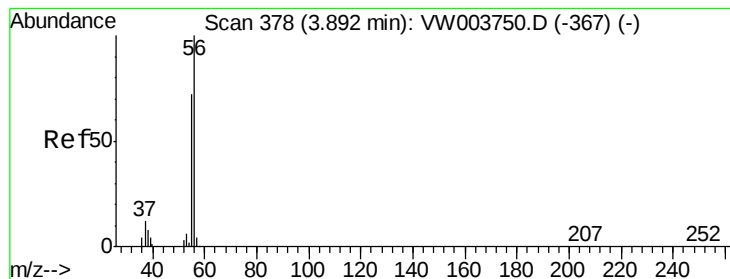
50

0

5.15 5.20 5.25

Time-->





#13

Acrolein

Concen: 4.89 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

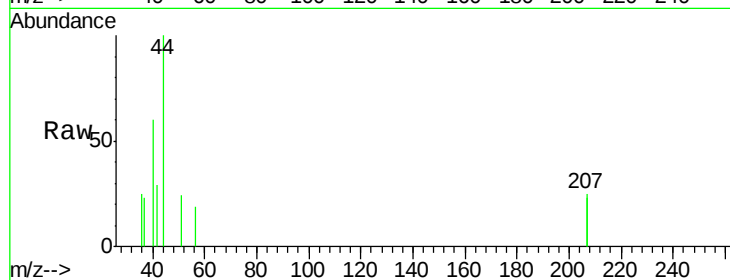
SURCHARGE-SP-6

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

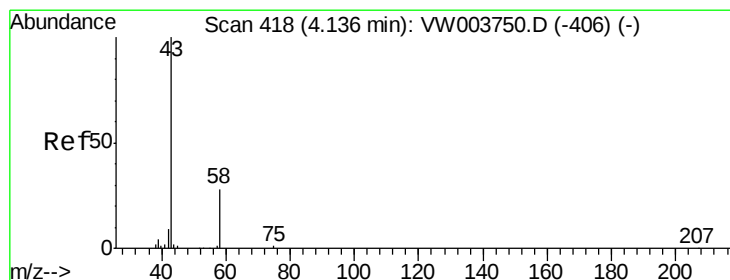
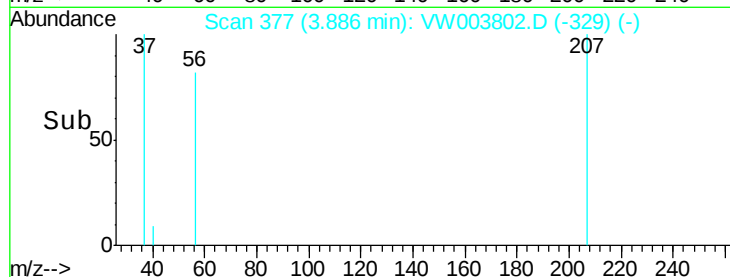
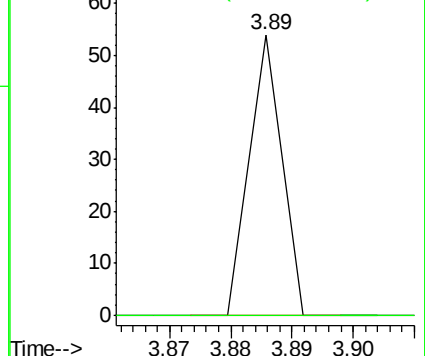
56 100

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: 9.48 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003802.D

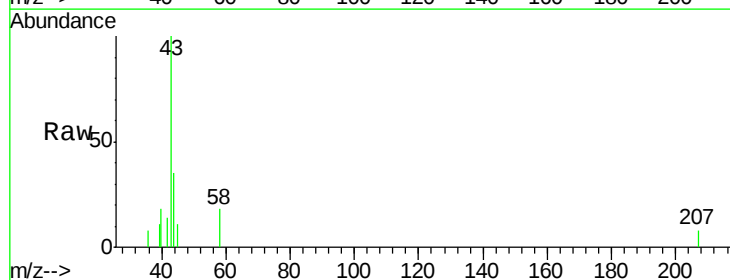
Acq: 10 Jul 2018 03:41

Tgt Ion: 43 Resp: 2444

Ion Ratio Lower Upper

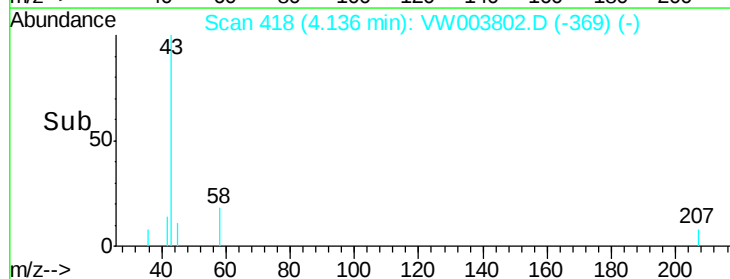
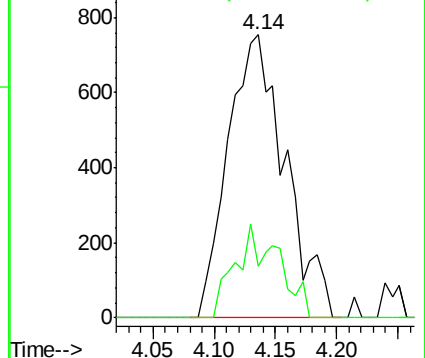
43 100

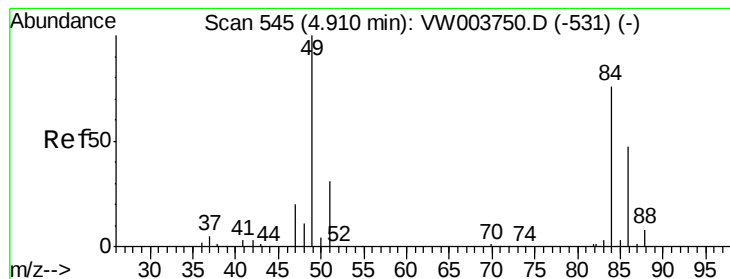
58 18.3 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 5.56 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-6

Tot Ion: 84 Resp: 11875

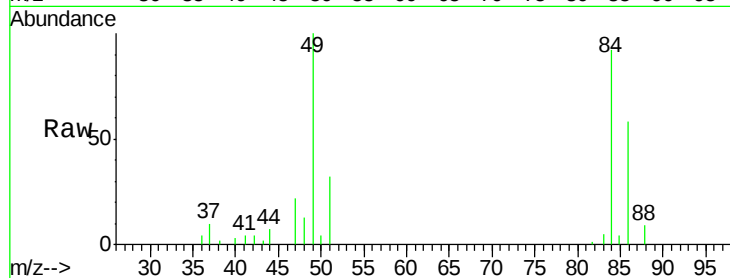
Ion Ratio Lower Upper

84 100

49 108.4 105.1 157.7

51 34.3 32.5 48.7

86 63.2 49.8 74.6

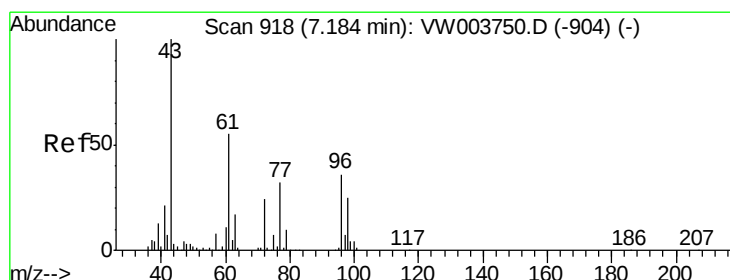
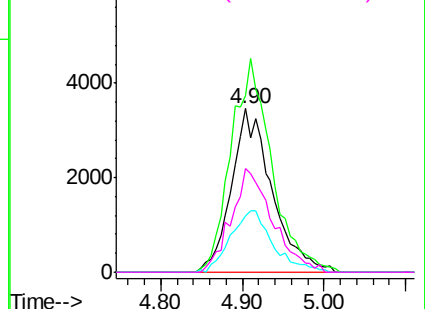
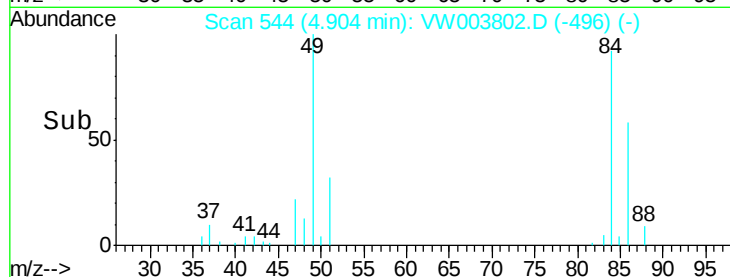


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 4.12 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003802.D

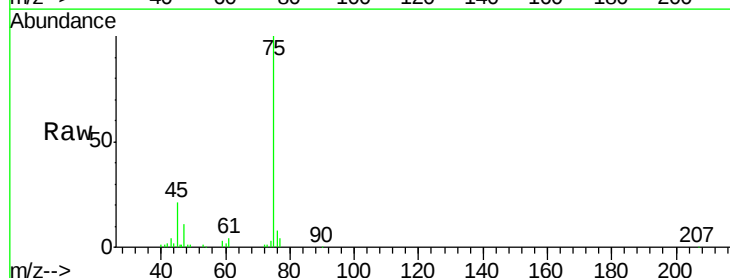
Acq: 10 Jul 2018 03:41

Tgt Ion: 43 Resp: 1661

Ion Ratio Lower Upper

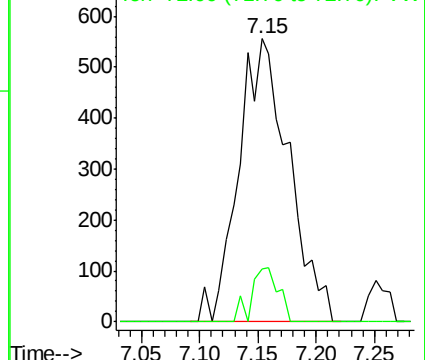
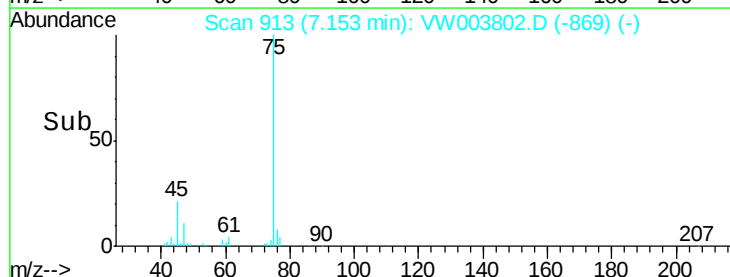
43 100

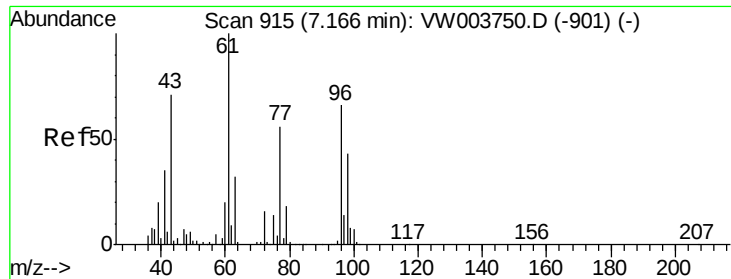
72 18.7 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 1.22 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

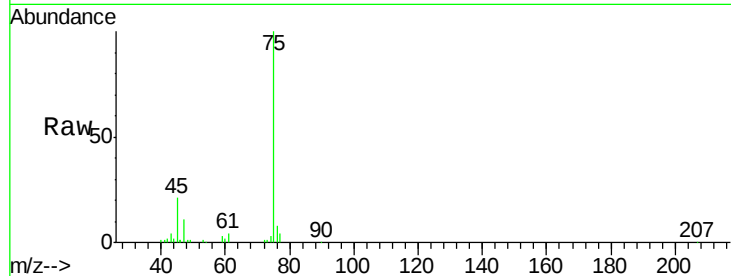
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-6

Tot Ion: 77 Resp: 1638

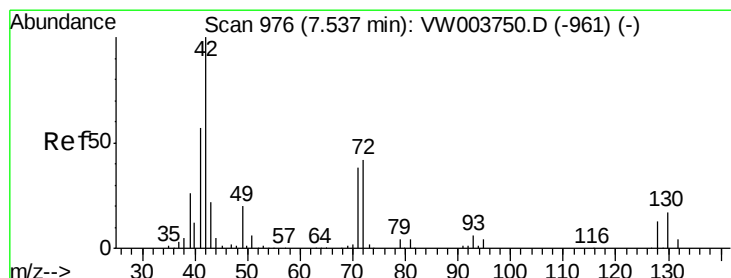
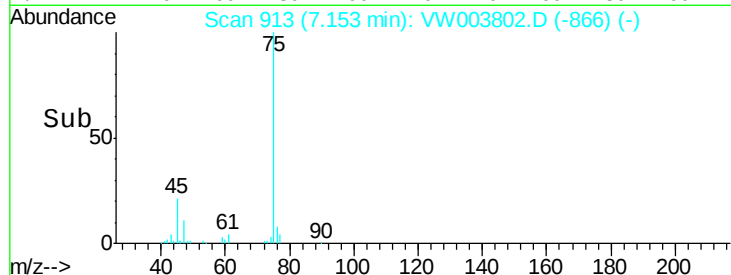
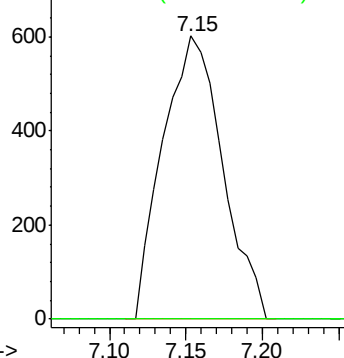
Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 1.18 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

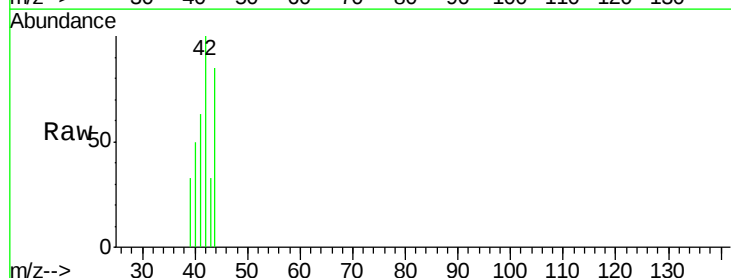
Tgt Ion: 42 Resp: 306

Ion Ratio Lower Upper

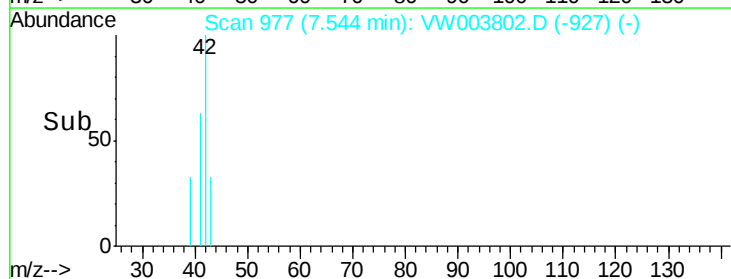
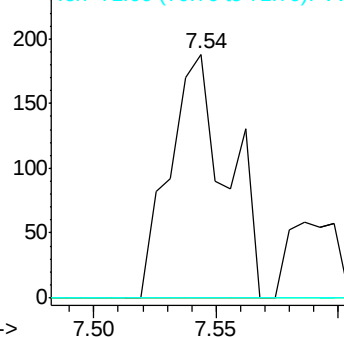
42 100

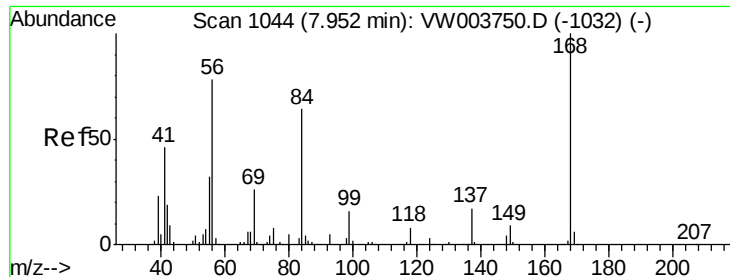
72 0.0 31.8 47.8#

71 0.0 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

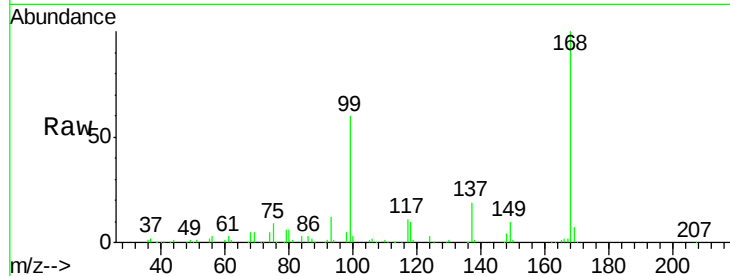




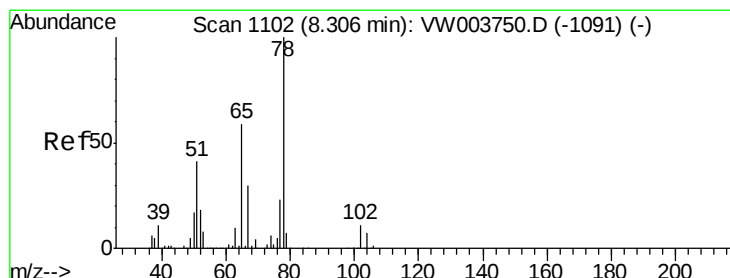
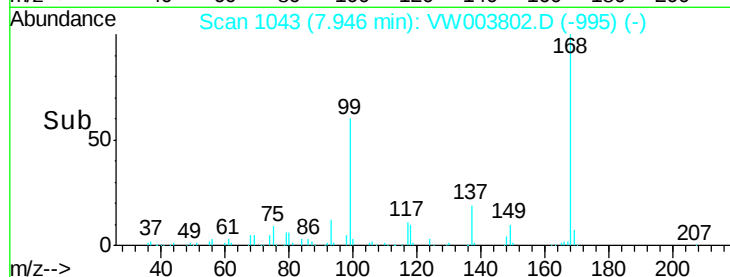
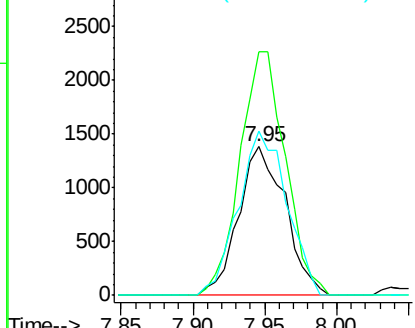
#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003802.D
Acq: 10 Jul 2018 03:41

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-6

Tot Ion: 56 Resp: 3123
Ion Ratio Lower Upper
56 100
69 164.0 26.2 39.4#
84 110.9 65.5 98.3#

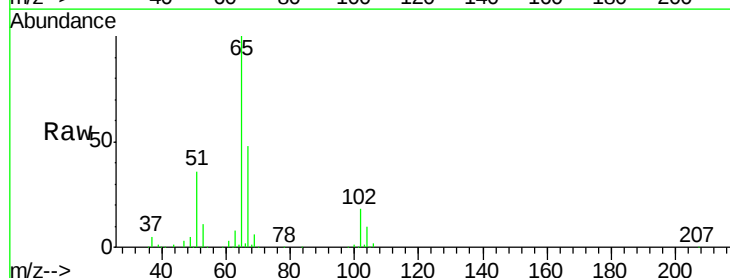


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

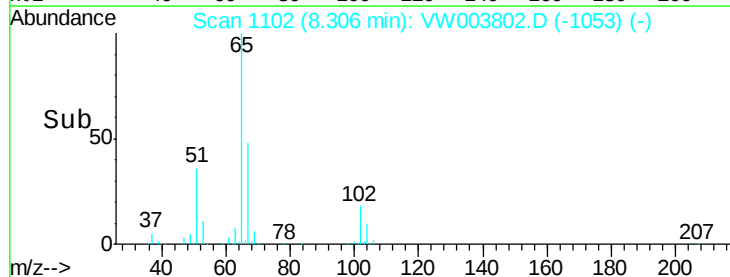
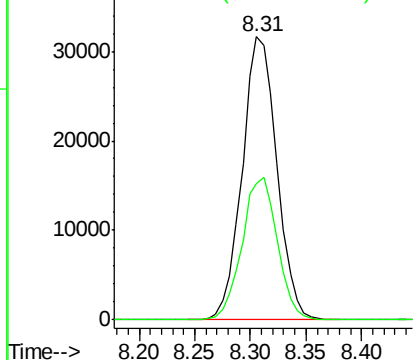


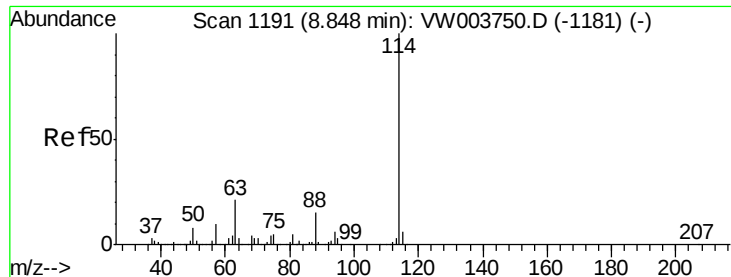
#33
1,2-Dichloroethane-d4
Concen: 46.09 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003802.D
Acq: 10 Jul 2018 03:41

Tgt Ion: 65 Resp: 68455
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

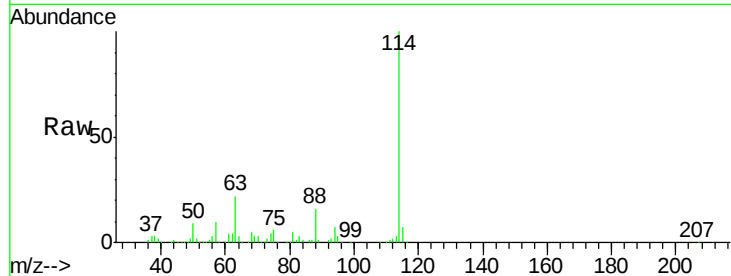




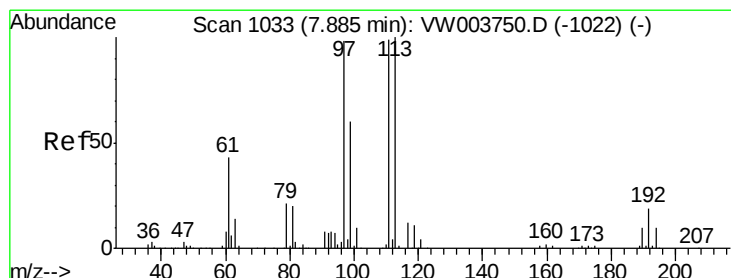
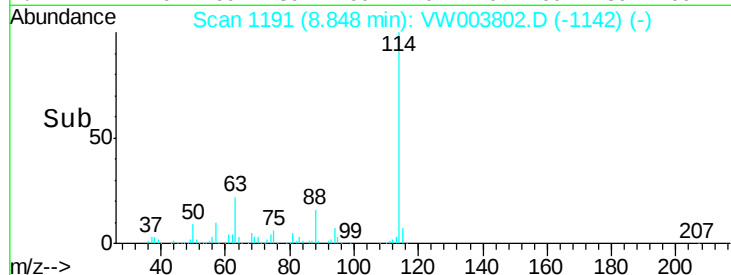
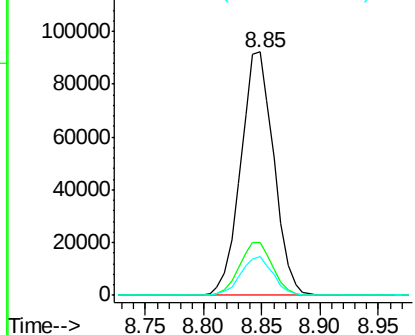
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003802.D
 Acq: 10 Jul 2018 03:41

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	15.7	0.0	30.2

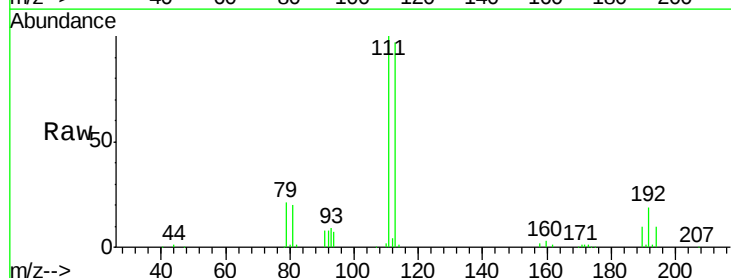


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

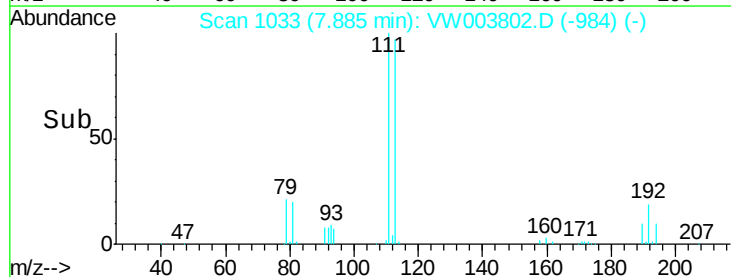
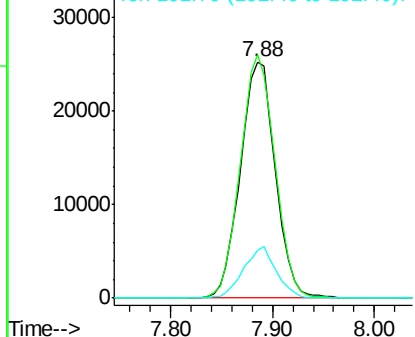


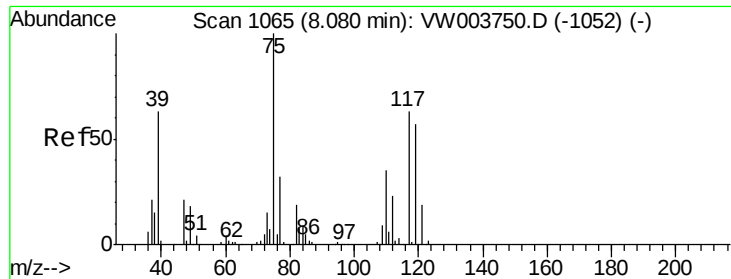
#35
 Dibromofluoromethane
 Concen: 47.19 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003802.D
 Acq: 10 Jul 2018 03:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	20.5	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

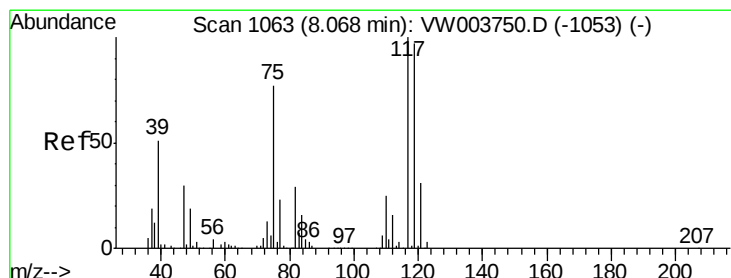
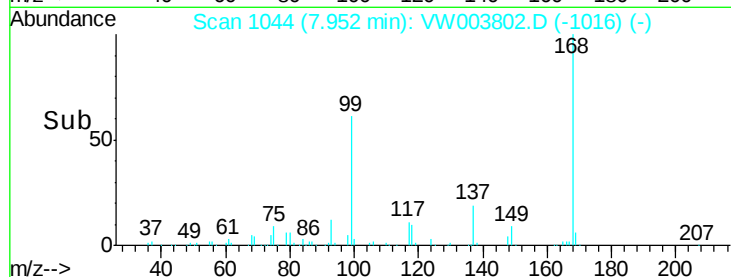
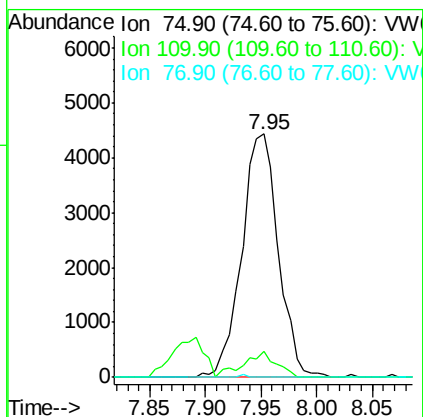
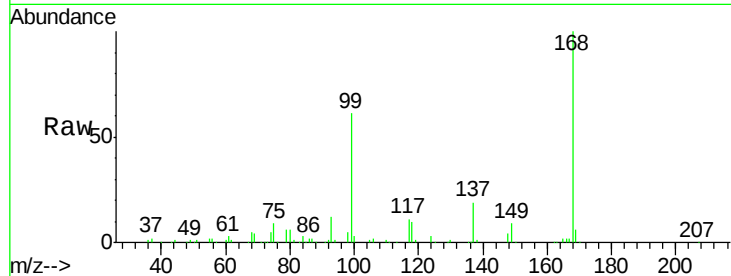




#36
 1,1-Dichloropropene
 Concen: 5.24 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003802.D
 Acq: 10 Jul 2018 03:41

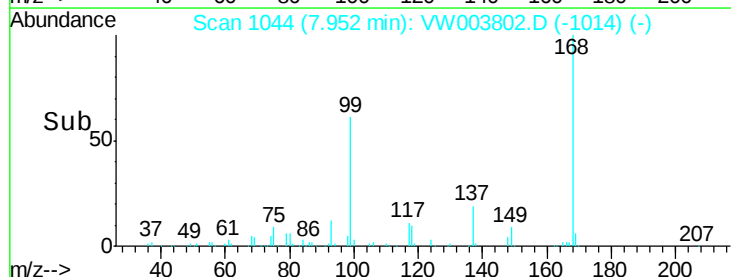
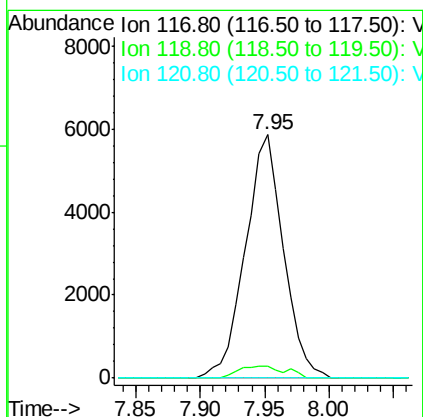
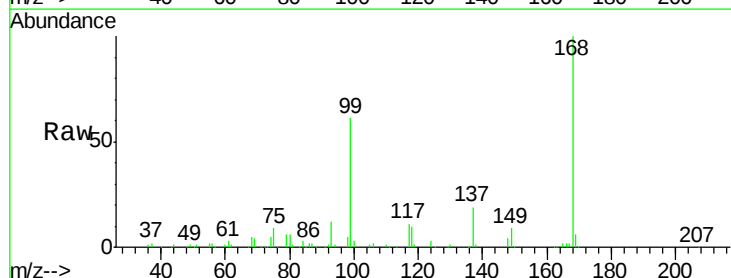
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-6

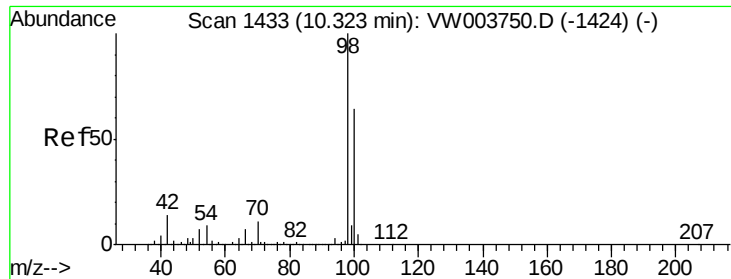
Tot Ion: 75 Resp: 10133
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.9 50.6#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.51 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003802.D
 Acq: 10 Jul 2018 03:41

Tgt Ion: 117 Resp: 11971
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 32.73 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

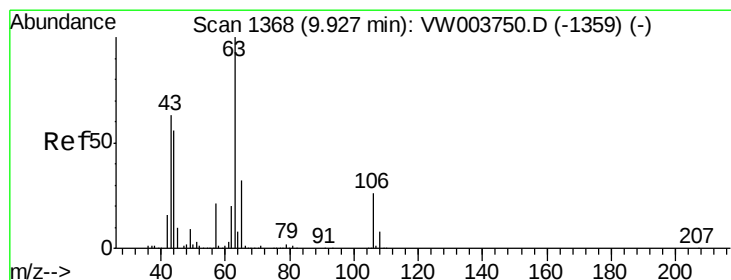
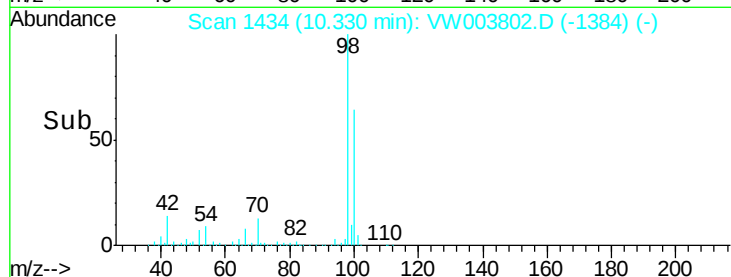
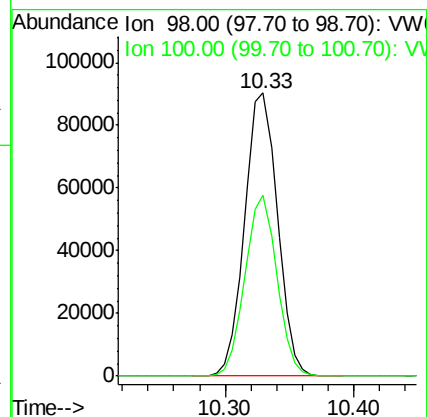
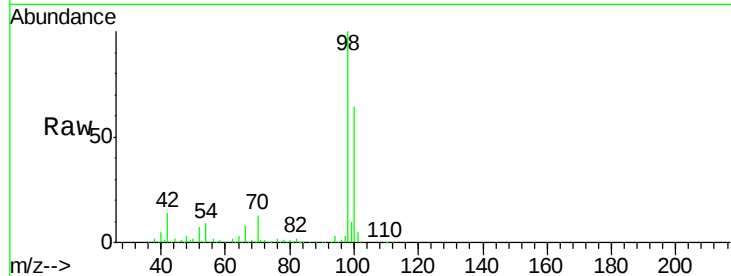
SURCHARGE-SP-6

Tot Ion: 98 Resp: 159779

Ion Ratio Lower Upper

98 100

100 61.8 50.8 76.2



#58

2-Chloroethyl Vinyl ether

Concen: 13.26 ug/l

RT: 9.94 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VW003802.D

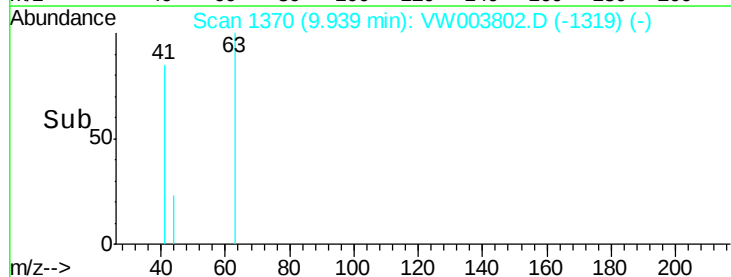
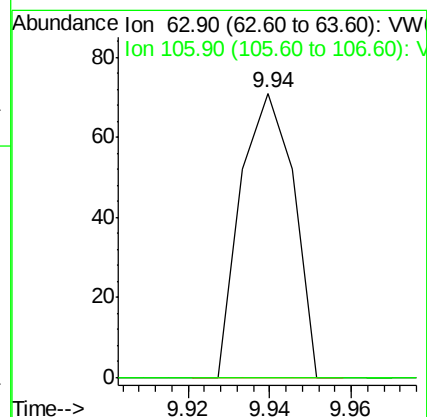
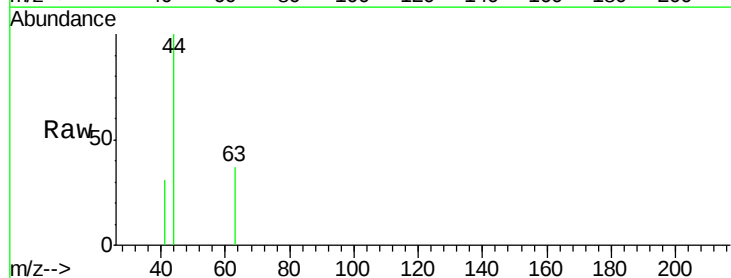
Acq: 10 Jul 2018 03:41

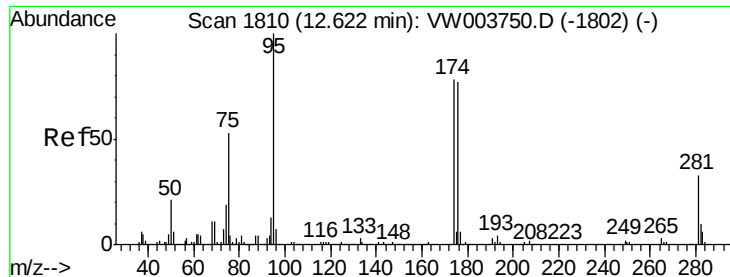
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 20.9 31.3#





#62

4-Bromofluorobenzene

Concen: 18.61 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-6

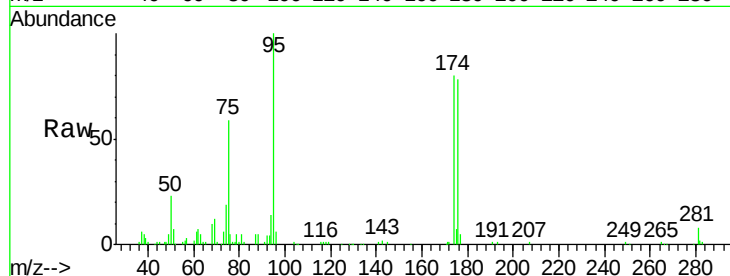
Tot Ion: 95 Resp: 32865

Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.4

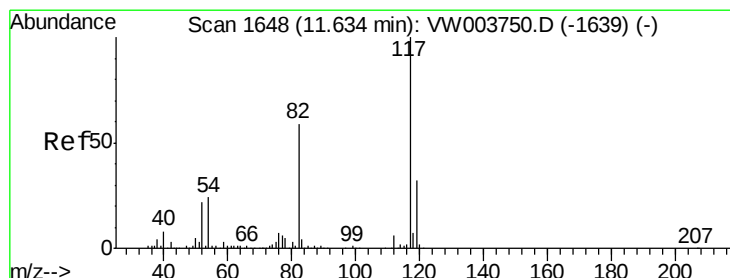
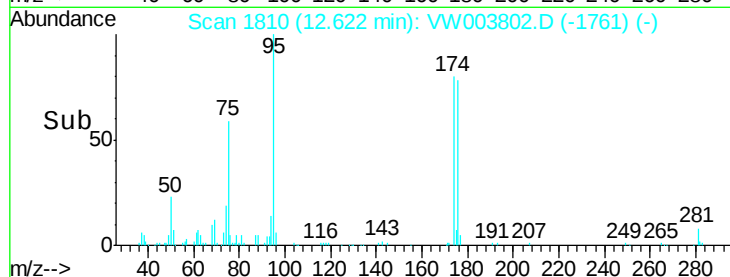
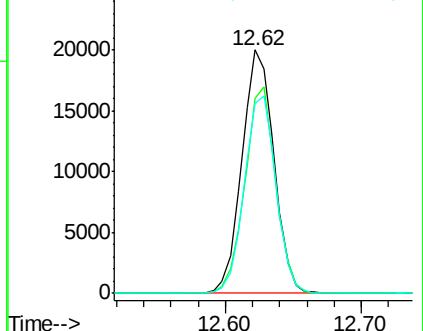
176 80.4 0.0 156.8



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: VW003802.D

Acq: 10 Jul 2018 03:41

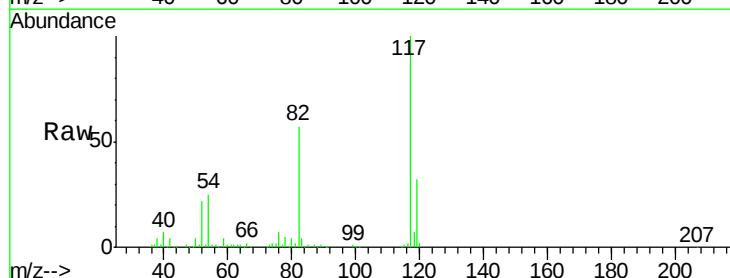
Tgt Ion: 117 Resp: 128415

Ion Ratio Lower Upper

117 100

82 56.8 46.9 70.3

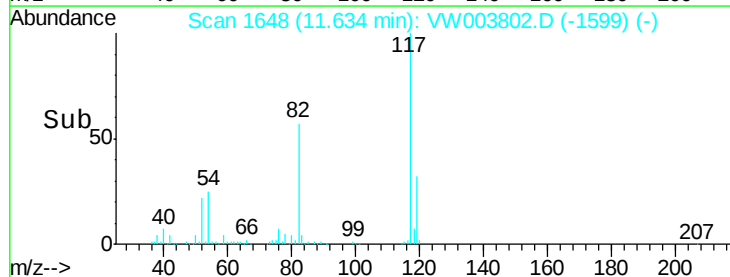
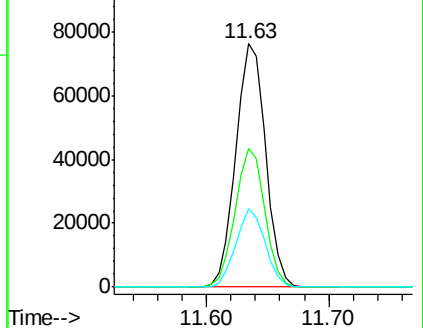
119 32.1 25.5 38.3

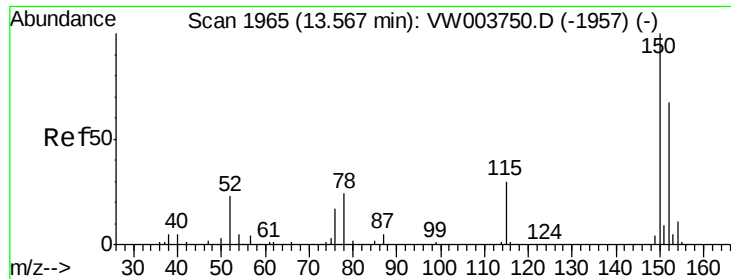


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW003802.D

Acq: 10 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-6

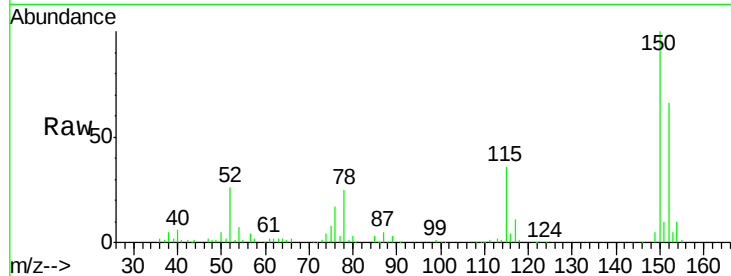
Tot Ion:152 Resp: 29118

Ion Ratio Lower Upper

152 100

115 55.2 28.9 86.8

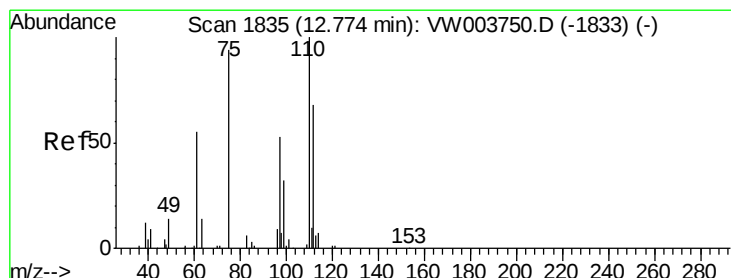
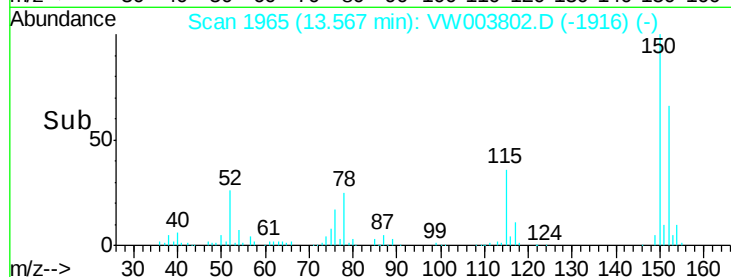
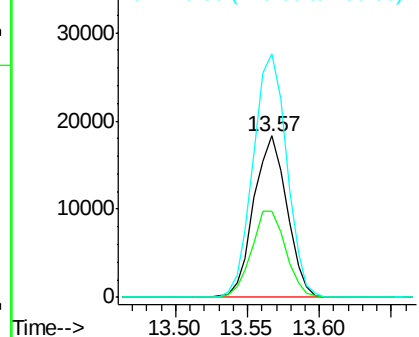
150 153.2 0.0 342.4



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: 63.53 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003802.D

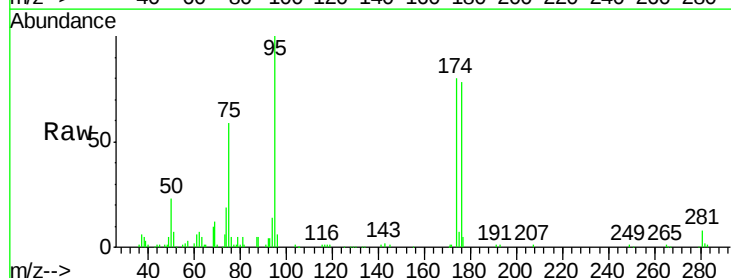
Acq: 10 Jul 2018 03:41

Tgt Ion: 75 Resp: 18165

Ion Ratio Lower Upper

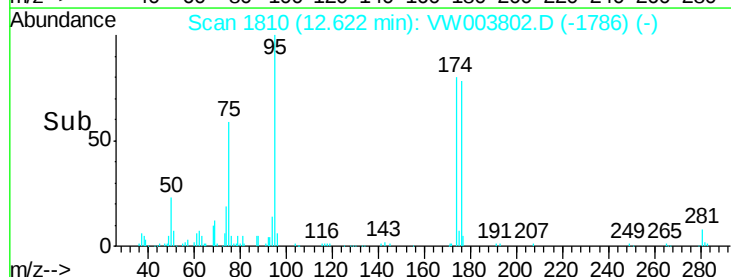
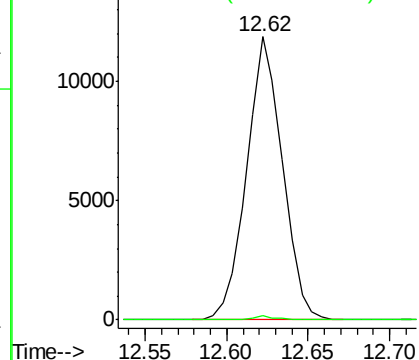
75 100

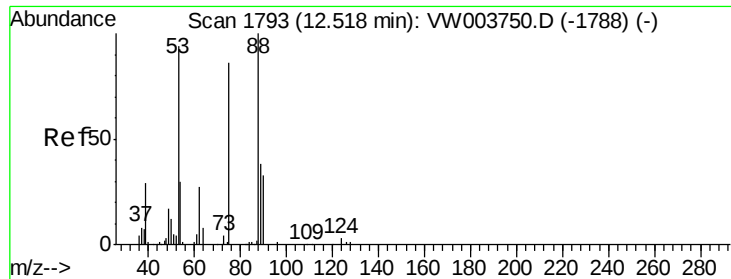
77 0.8 0.0 0.0#



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: 155.41 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003802.D

Acq: 10 Jul 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-6

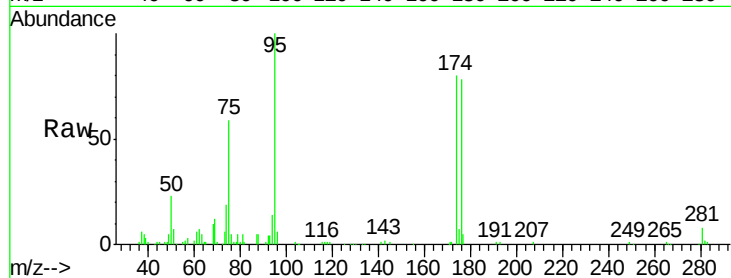
Tot Ion: 75 Resp: 18165

Ion Ratio Lower Upper

75 100

53 0.1 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

