

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003798.D
 Acq On : 10 Jul 2018 01:57
 Operator : SY/AP
 Sample : J3879-04
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-2

Quant Time: Jul 10 03:12:08 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	103339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16758	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	61938	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	7.88	113	58089	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
50) Toluene-d8	10.33	98	135216	32.22	ug/l	0.00
Spiked Amount			Recovery	=	64.44%	
62) 4-Bromofluorobenzene	12.62	95	22532	14.84	ug/l	0.00
Spiked Amount			Recovery	=	29.68%	

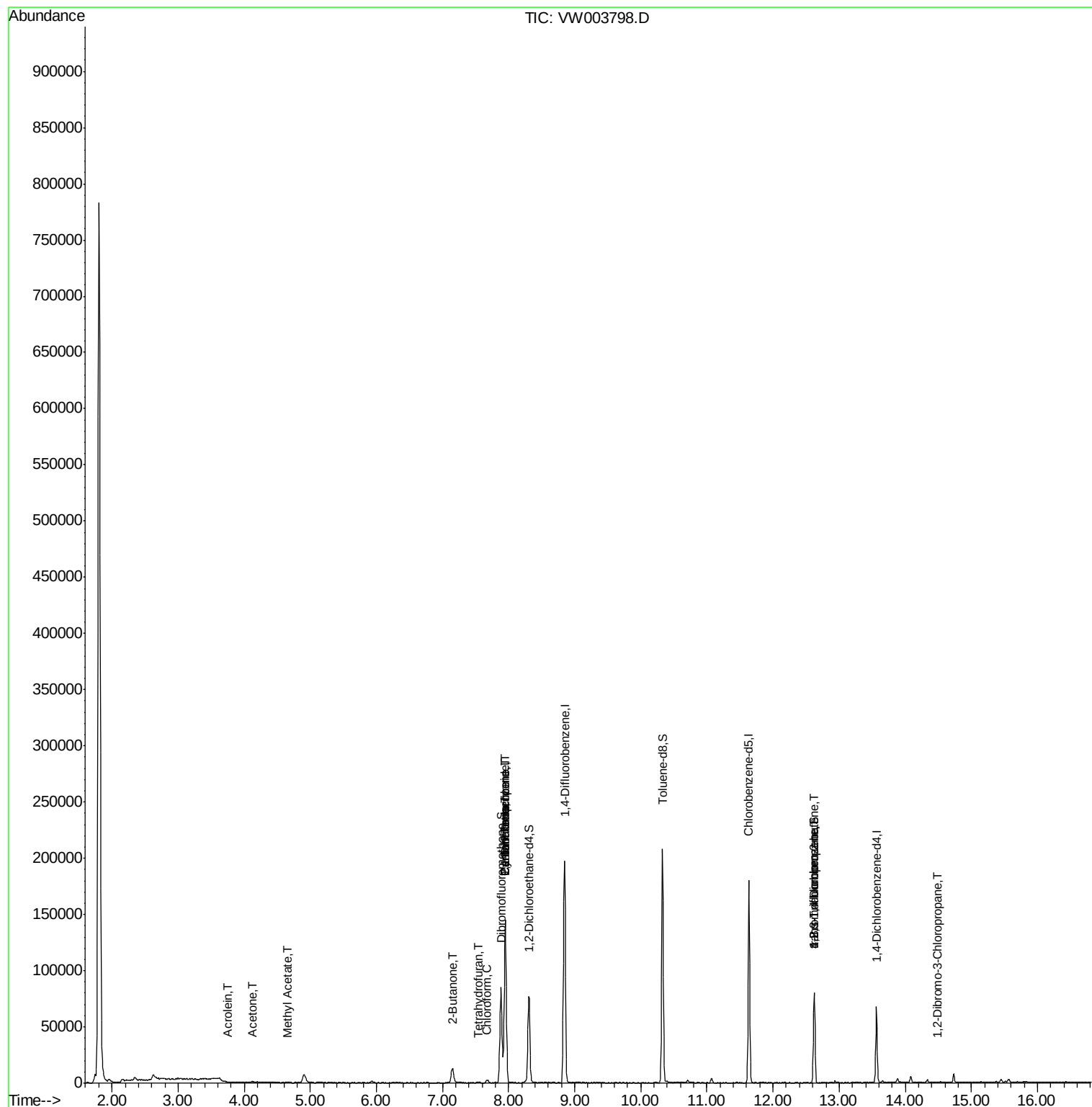
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.75	56	20	4.90	ug/l #	14
16) Acetone	4.12	43	1948	8.31	ug/l #	79
18) Methyl Acetate	4.67	43	841	1.27	ug/l #	68
25) 2-Butanone	7.15	43	975	2.66	ug/l #	51
29) Tetrahydrofuran	7.53	42	297	1.26	ug/l #	67
30) Chloroform	7.68	83	2356	1.03	ug/l	90
31) Cyclohexane	7.95	56	2860	1.45	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	9507	5.72	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10608	6.71	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	12603	76.59	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	12603	187.35	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44	1.10	ug/l #	4

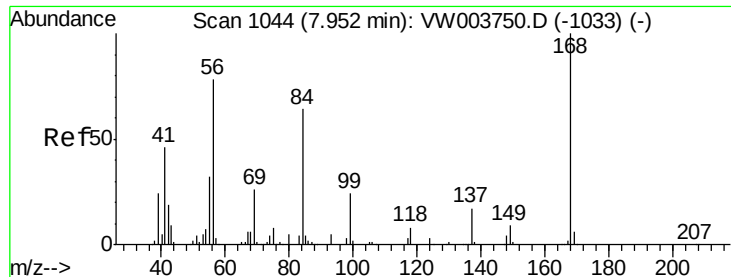
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

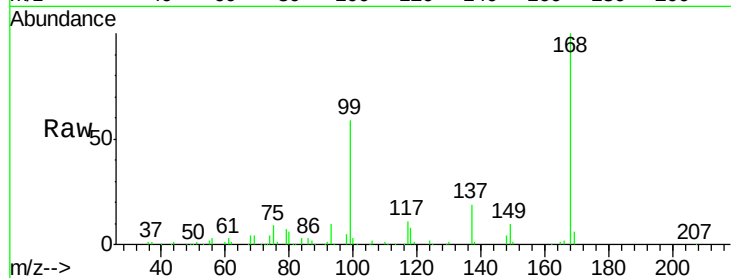
SURCHARGE-SP-2

Tot Ion:168 Resp: 103339

Ion Ratio Lower Upper

168 100

99 59.0 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

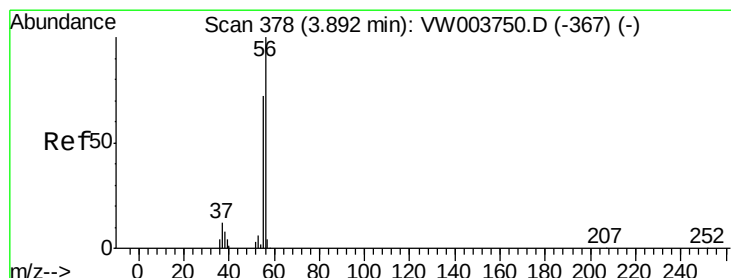
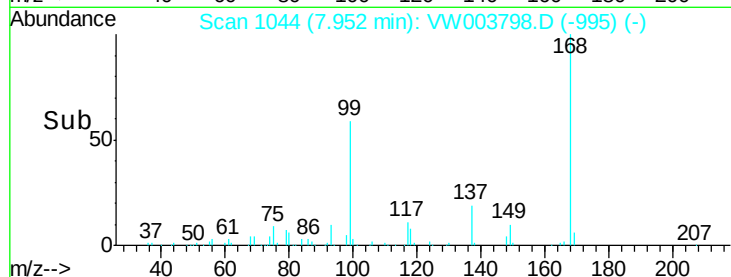
20000

10000

0

Time-->

7.90 8.00



#13

Acrolein

Concen: 4.90 ug/l

RT: 3.75 min Scan# 355

Delta R.T. -0.14 min

Lab File: VW003798.D

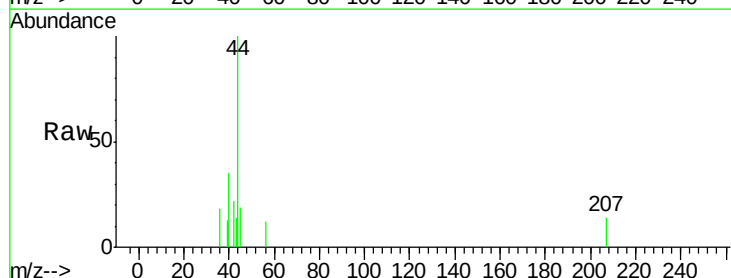
Acq: 10 Jul 2018 01:57

Tgt 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

3.75

60

50

40

30

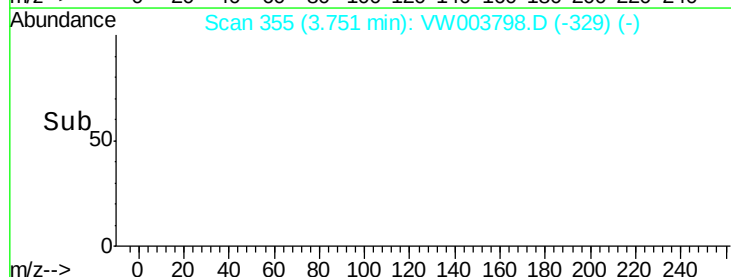
20

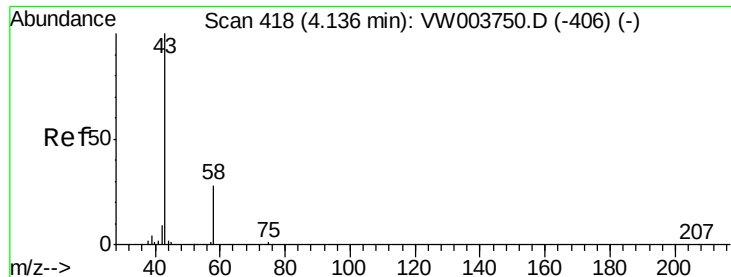
10

0

Time-->

3.73 3.74 3.75 3.76 3.77





#16

Acetone

Concen: 8.31 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

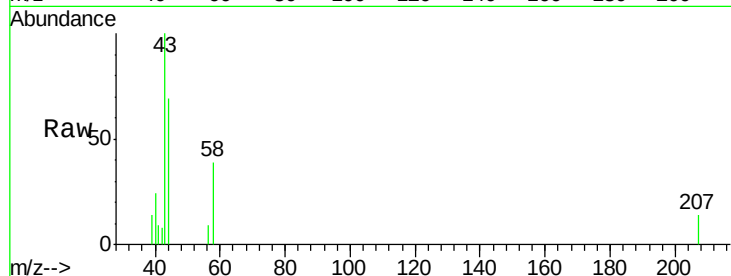
SURCHARGE-SP-2

Tot Ion: 43 Resp: 1948

Ion Ratio Lower Upper

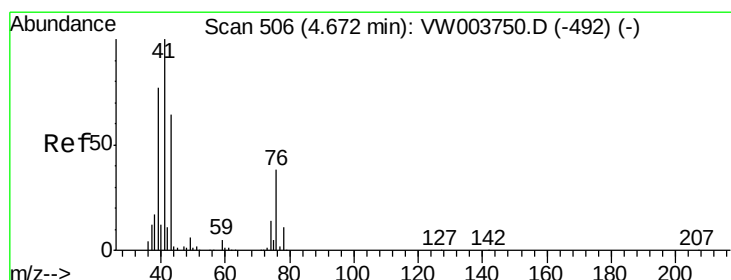
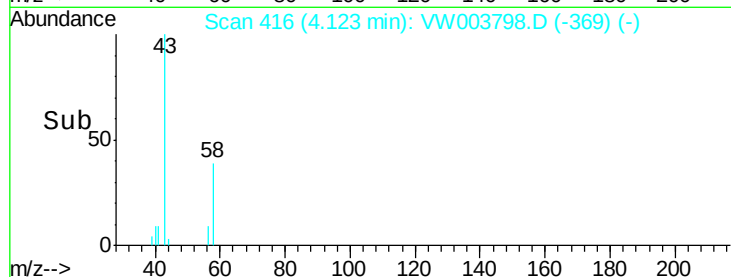
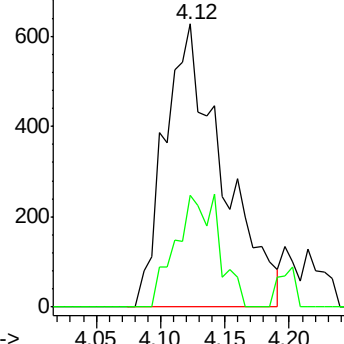
43 100

58 39.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003798.D

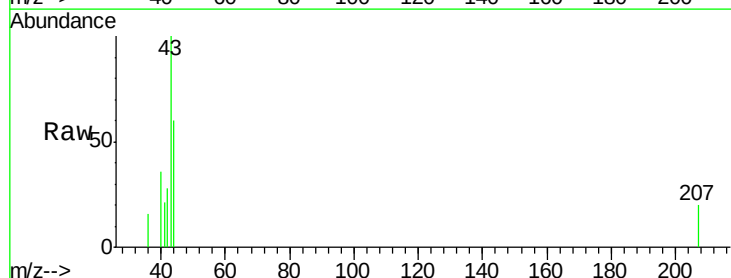
Acq: 10 Jul 2018 01:57

Tgt Ion: 43 Resp: 841

Ion Ratio Lower Upper

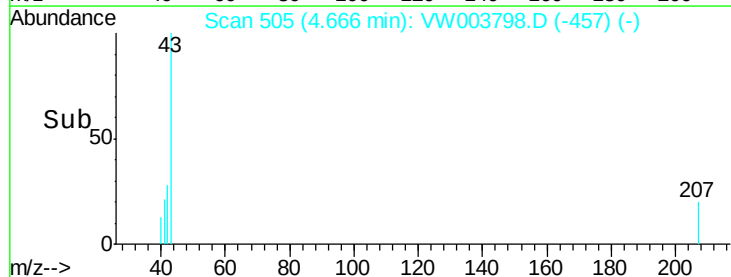
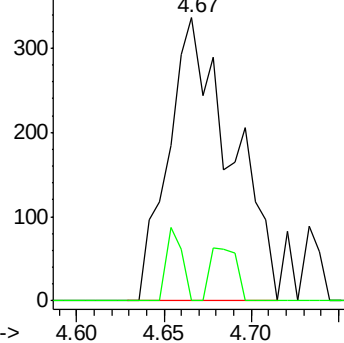
43 100

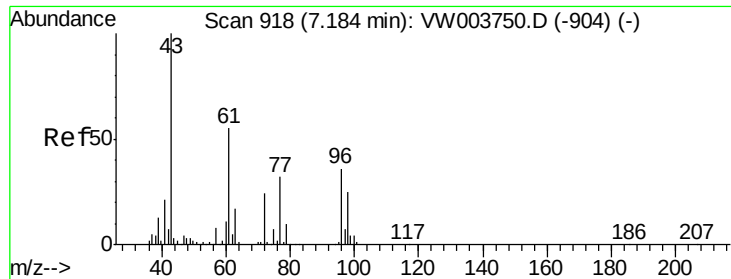
74 6.4 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#25

2-Butanone

Concen: 2.66 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

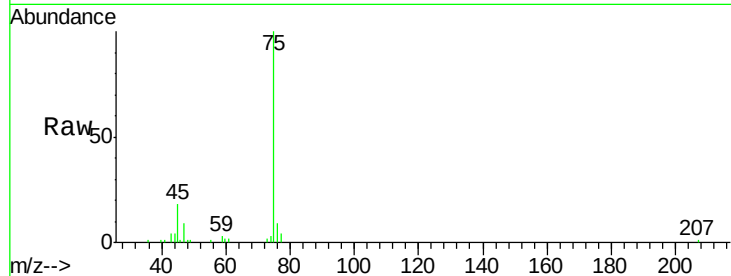
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2

Tot Ion: 43 Resp: 975

Ion Ratio Lower Upper

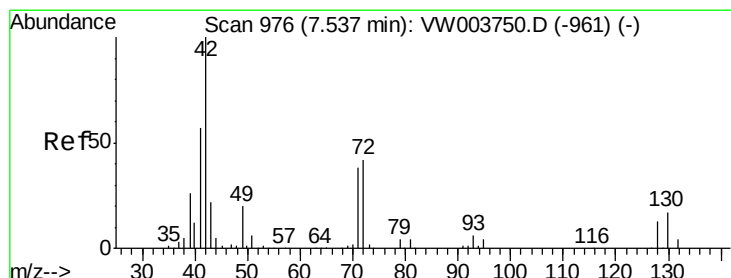
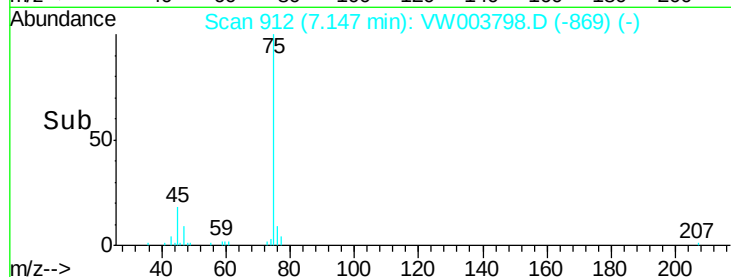
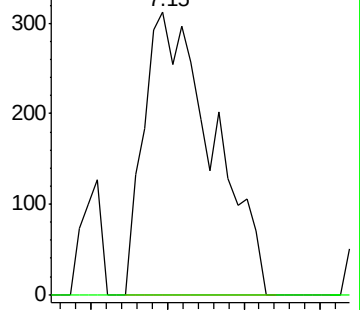
43 100

72 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.26 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

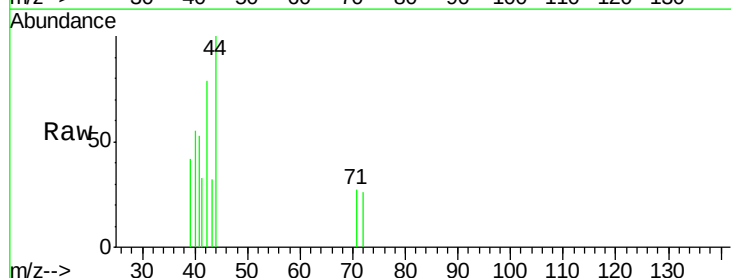
Tgt Ion: 42 Resp: 297

Ion Ratio Lower Upper

42 100

72 15.5 31.8 47.8#

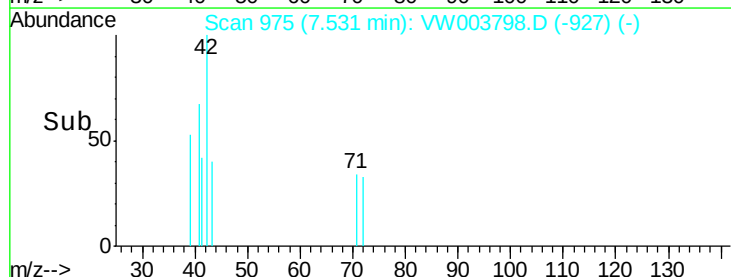
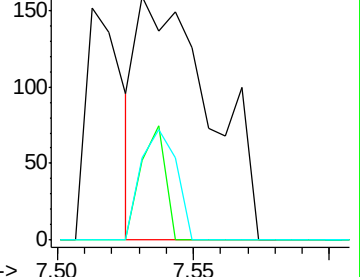
71 22.2 30.3 45.5#

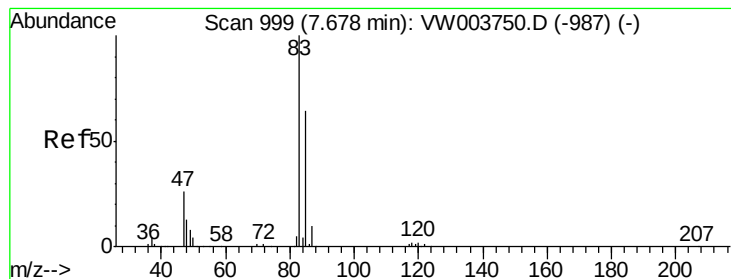


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#30

Chloroform

Concen: 1.03 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

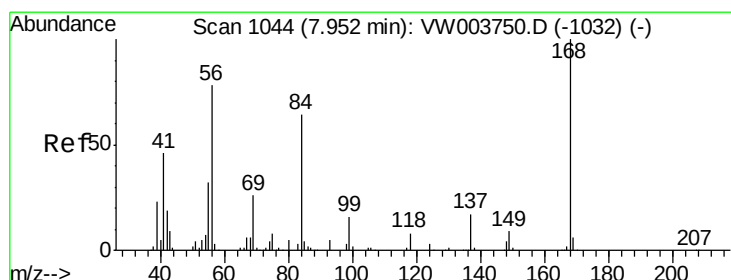
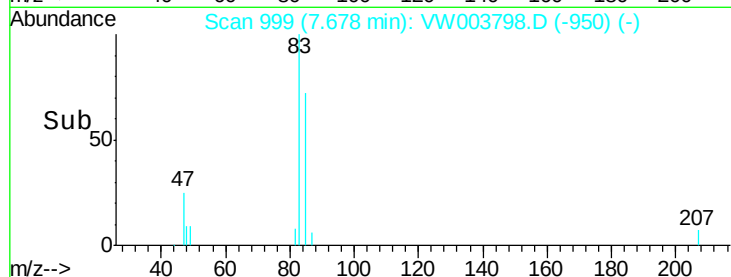
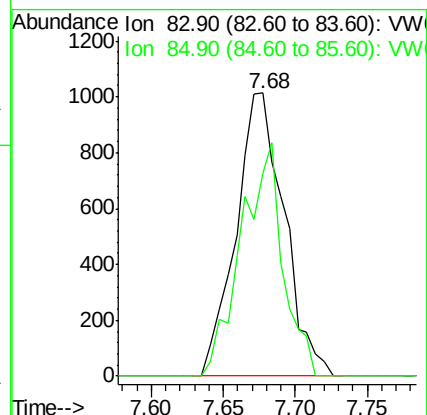
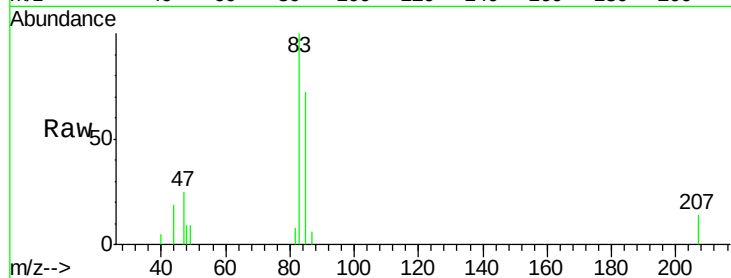
SURCHARGE-SP-2

Tot Ion: 83 Resp: 2356

Ion Ratio Lower Upper

83 100

85 71.9 51.5 77.3



#31

Cyclohexane

Concen: 1.45 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

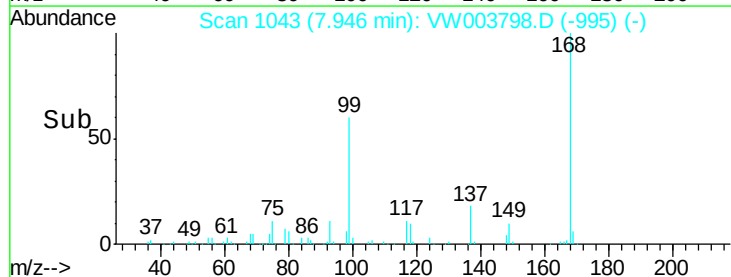
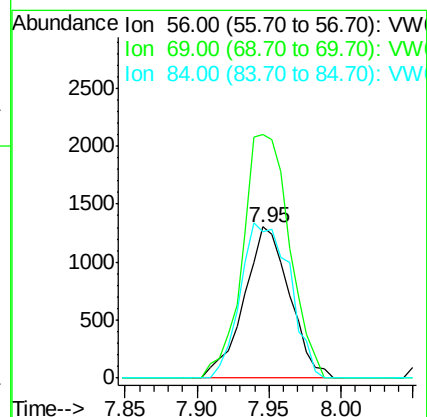
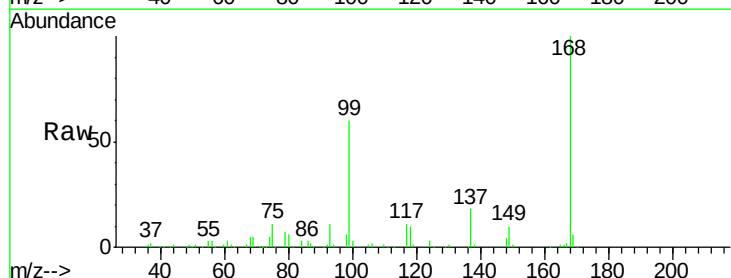
Tgt Ion: 56 Resp: 2860

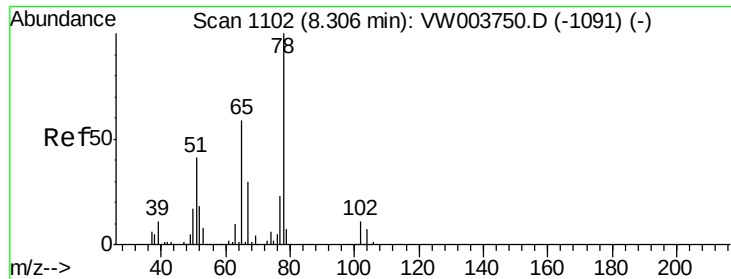
Ion Ratio Lower Upper

56 100

69 160.8 26.2 39.4#

84 96.6 65.5 98.3

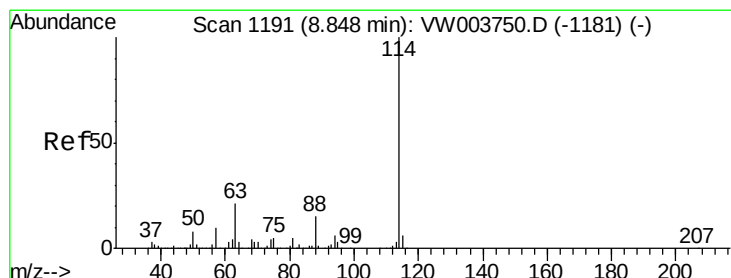
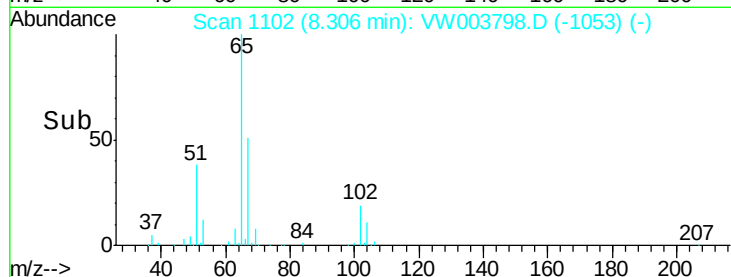
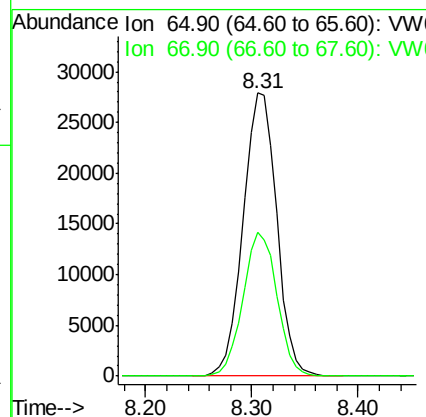
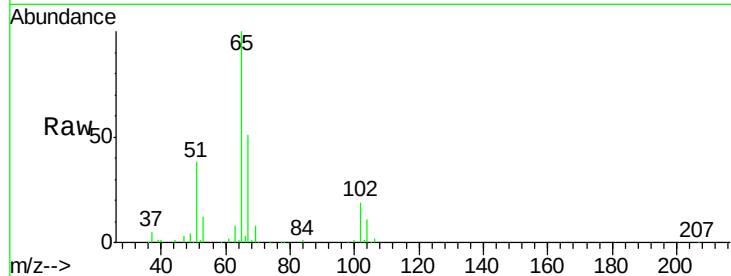




#33
 1,2-Dichloroethane-d4
 Concen: 45.83 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003798.D
 Acq: 10 Jul 2018 01:57

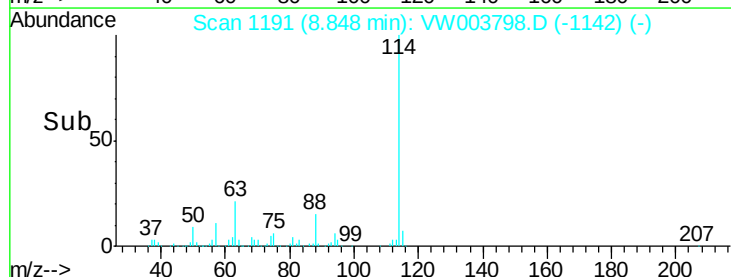
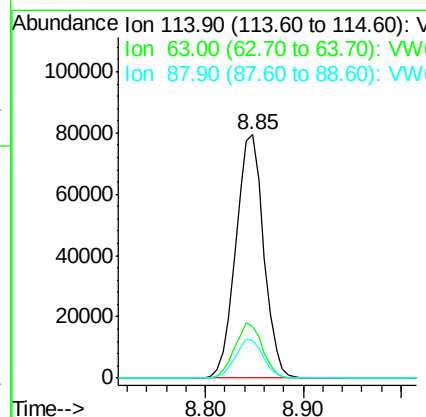
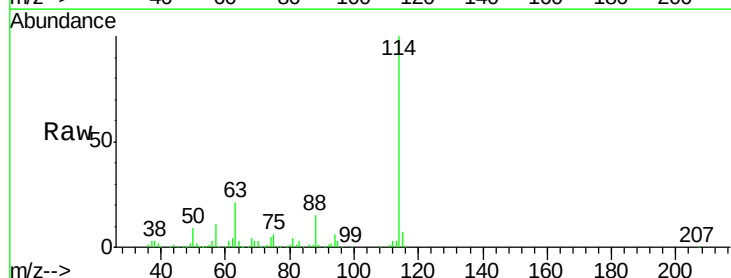
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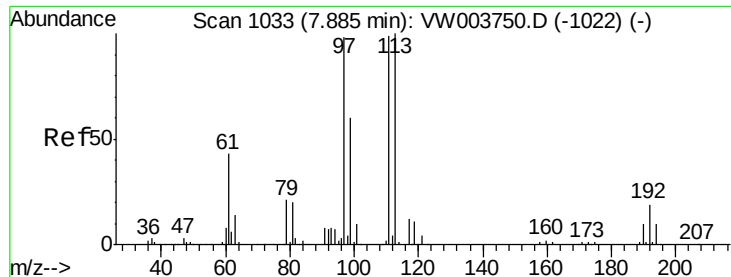
Tot Ion: 65 Resp: 61938
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003798.D
 Acq: 10 Jul 2018 01:57

Tgt Ion: 114 Resp: 156731
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 15.5 0.0 30.2

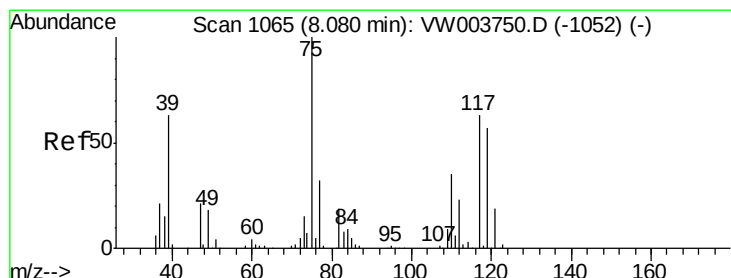
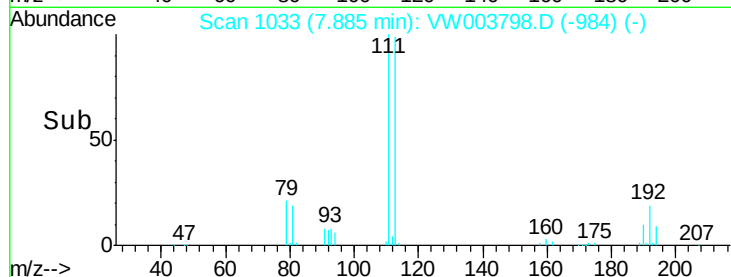
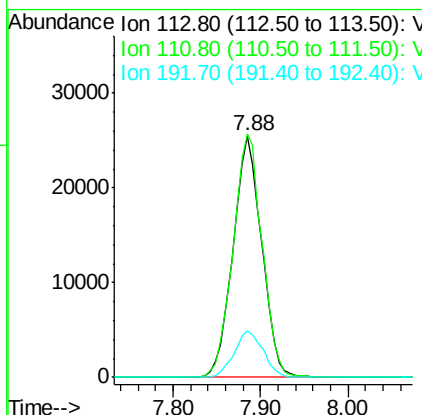
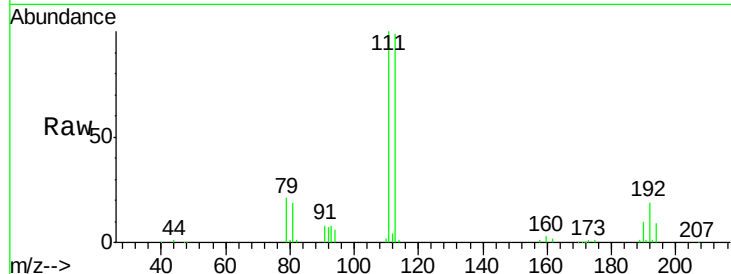




#35
 Dibromofluoromethane
 Concen: 52.96 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003798.D
 Acq: 10 Jul 2018 01:57

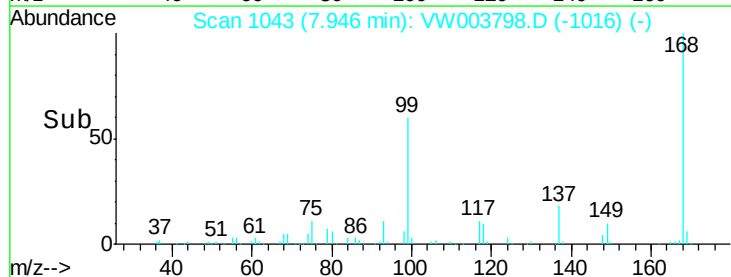
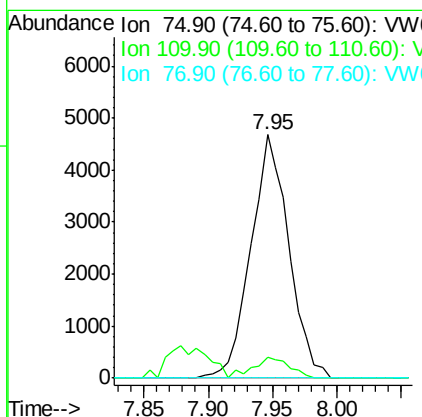
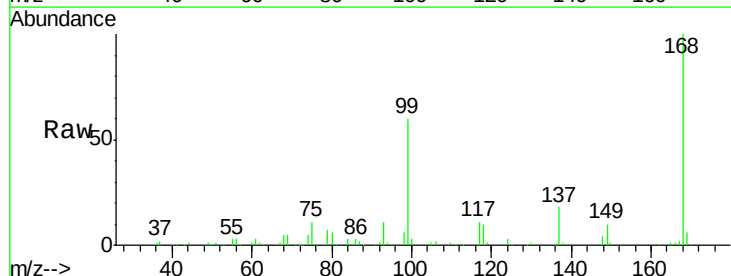
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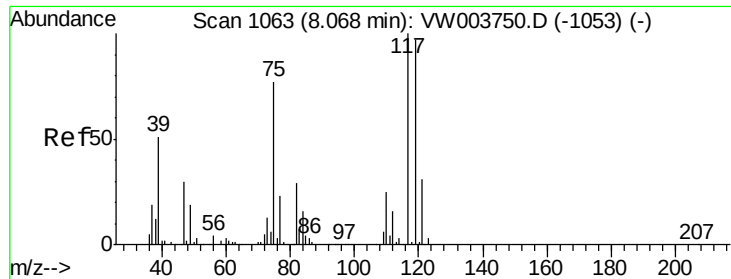
Tot Ion:113 Resp: 58089
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 19.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.72 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003798.D
 Acq: 10 Jul 2018 01:57

Tgt Ion: 75 Resp: 9507
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.9 50.6#
 77 0.0 24.8 37.2#

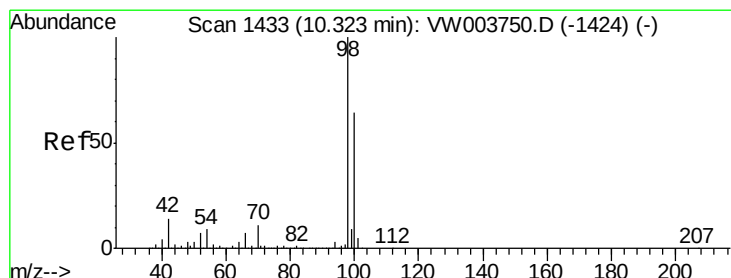
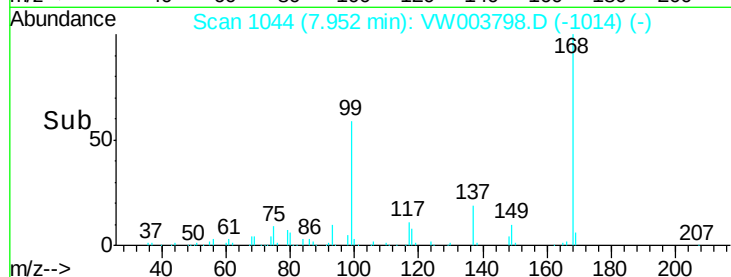
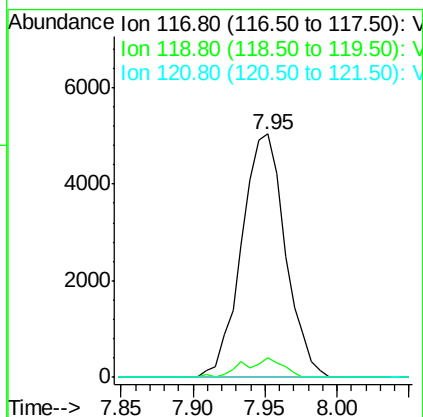
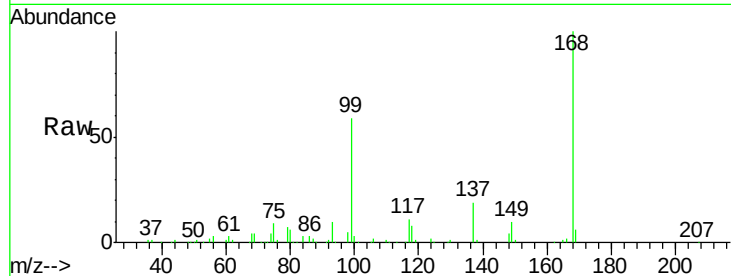




#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003798.D
Acq: 10 Jul 2018 01:57

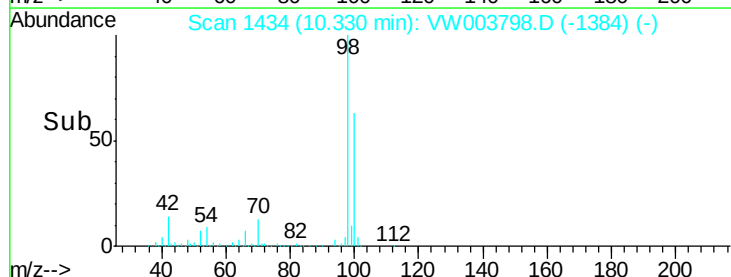
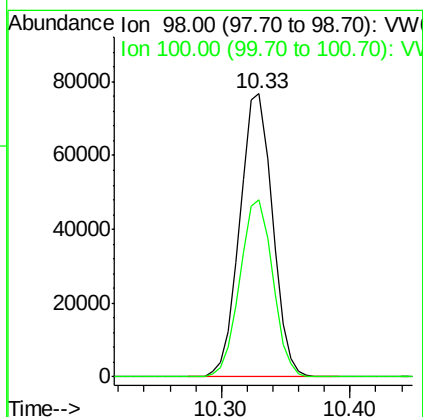
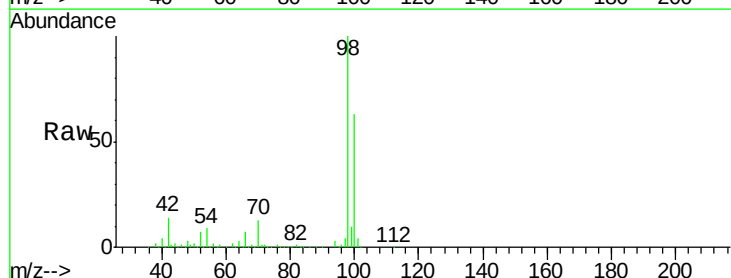
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2

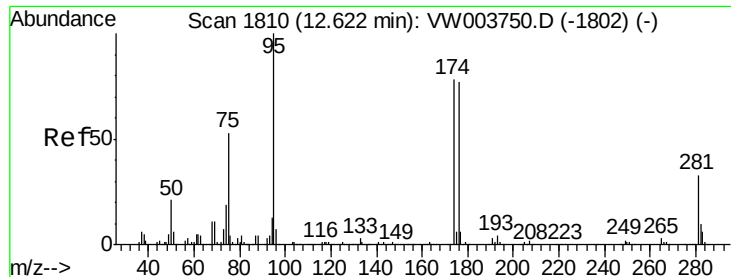
Tot Ion:117 Resp: 10608
Ion Ratio Lower Upper
117 100
119 8.1 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 32.22 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003798.D
Acq: 10 Jul 2018 01:57

Tgt Ion: 98 Resp: 135216
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2

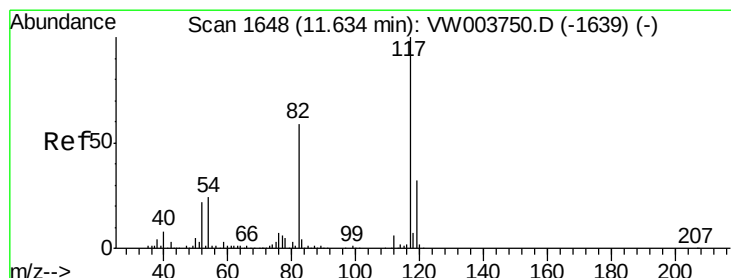
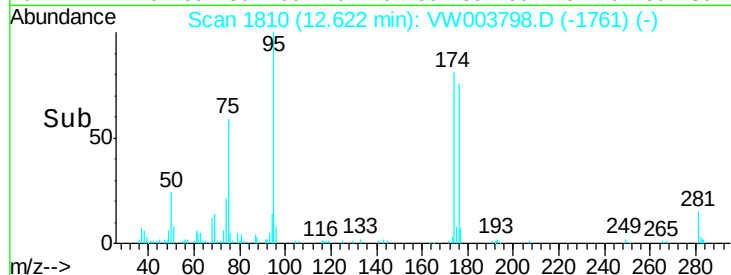
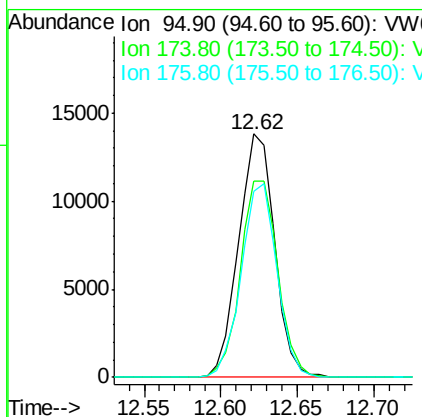
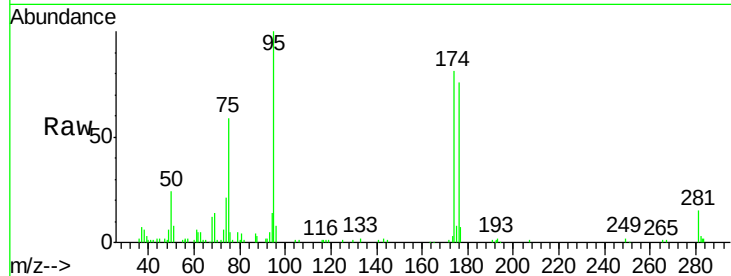




#62
4-Bromofluorobenzene
Concen: 14.84 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003798.D
Acq: 10 Jul 2018 01:57

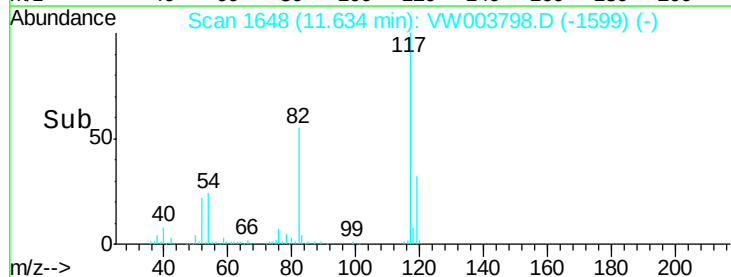
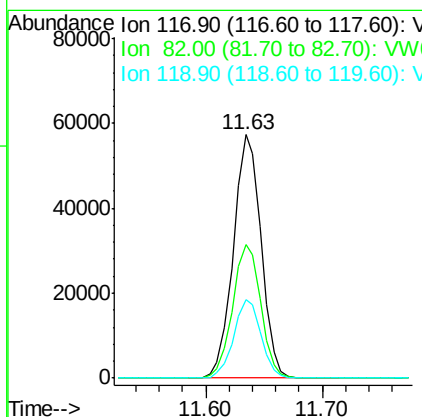
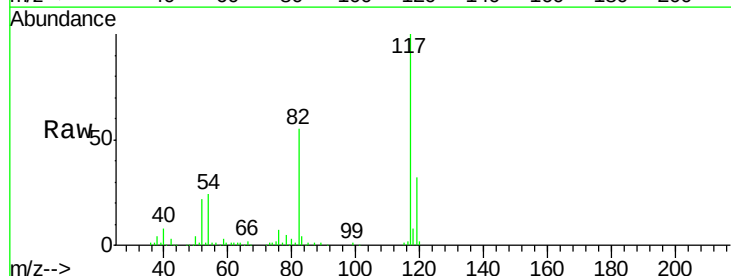
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-2

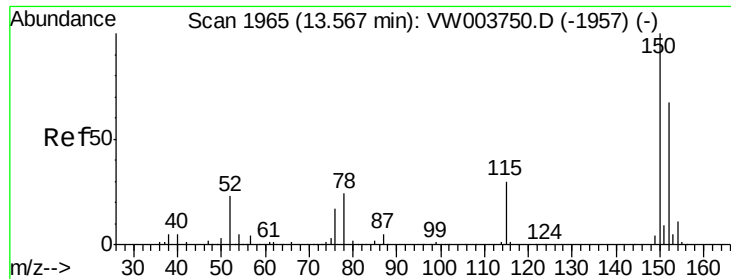
Tot Ion: 95 Resp: 22532
Ion Ratio Lower Upper
95 100
174 83.7 0.0 163.4
176 79.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003798.D
Acq: 10 Jul 2018 01:57

Tgt Ion: 117 Resp: 94871
Ion Ratio Lower Upper
117 100
82 54.7 46.9 70.3
119 32.1 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: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-2

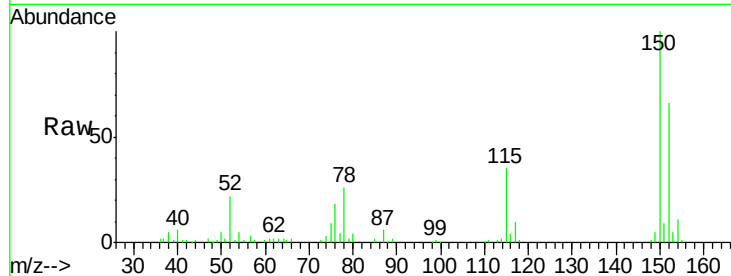
Tot Ion:152 Resp: 16758

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

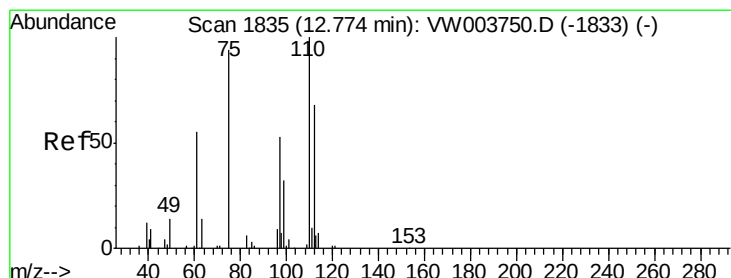
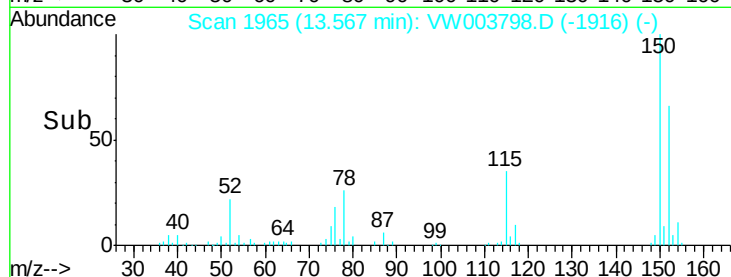
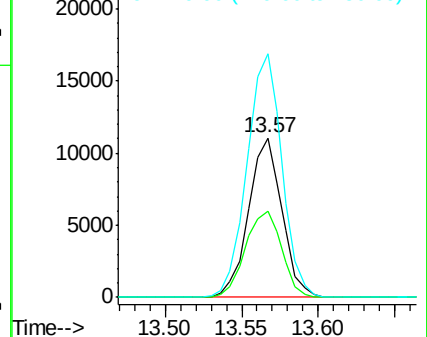
150 159.8 0.0 342.4



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: 76.59 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003798.D

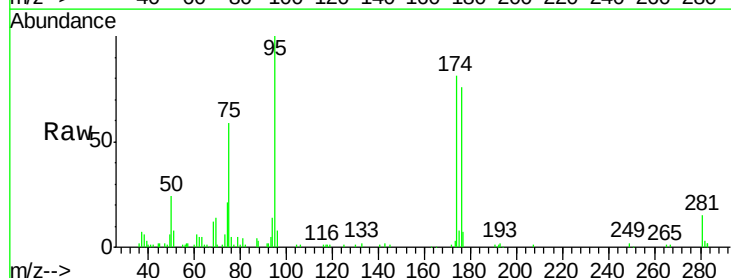
Acq: 10 Jul 2018 01:57

Tgt Ion: 75 Resp: 12603

Ion Ratio Lower Upper

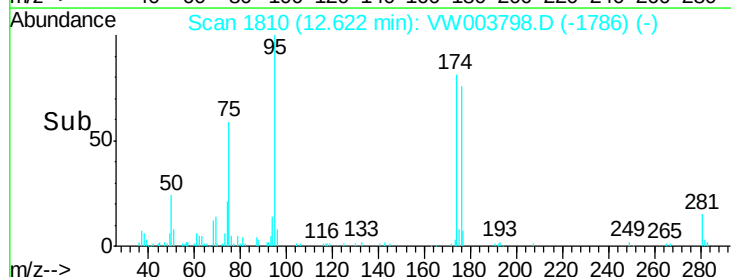
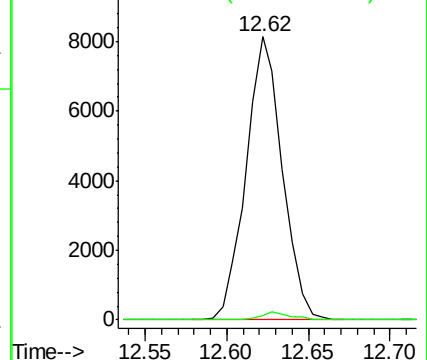
75 100

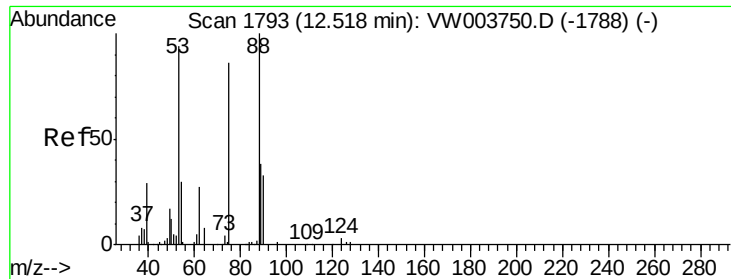
77 2.2 0.0 0.0#



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: 187.35 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-2

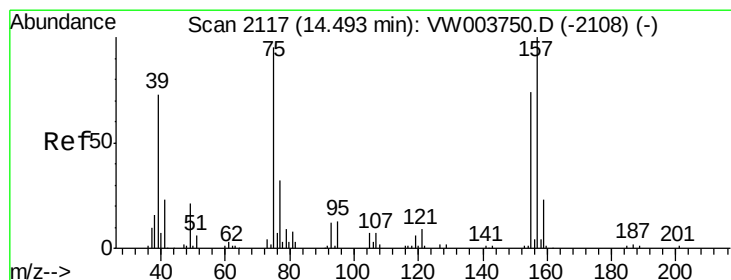
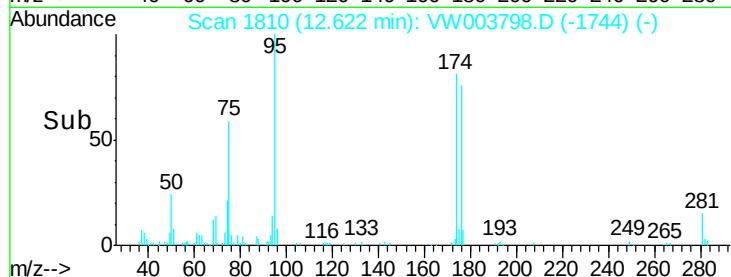
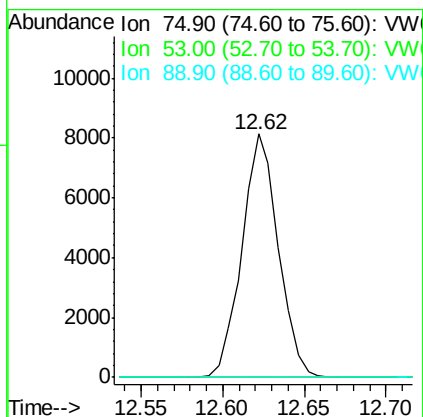
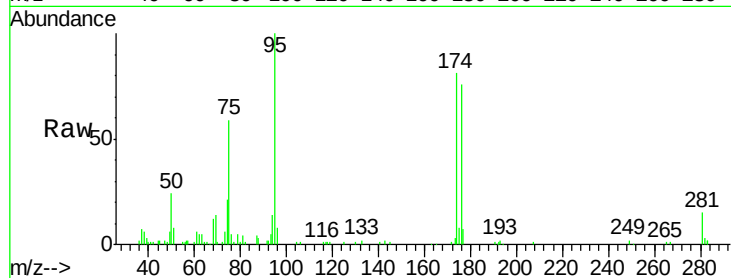
Tot Ion: 75 Resp: 12603

Ion Ratio Lower Upper

75 100

53 0.0 85.0 127.6#

89 0.0 36.3 54.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.10 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003798.D

Acq: 10 Jul 2018 01:57

Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

155 0.0 39.2 117.6#

157 0.0 50.7 152.1#

