

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003808.D
 Acq On : 10 Jul 2018 06:17
 Operator : SY/AP
 Sample : J3880-04
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-12

Quant Time: Jul 10 06:51:49 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	63928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	96625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	65967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15520	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	41002	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	7.88	113	37138	54.92	ug/l	0.00
Spiked Amount			Recovery	=	109.84%	
50) Toluene-d8	10.33	98	81453	31.49	ug/l	0.00
Spiked Amount			Recovery	=	62.98%	
62) 4-Bromofluorobenzene	12.62	95	17491	18.69	ug/l	0.00
Spiked Amount			Recovery	=	37.38%	

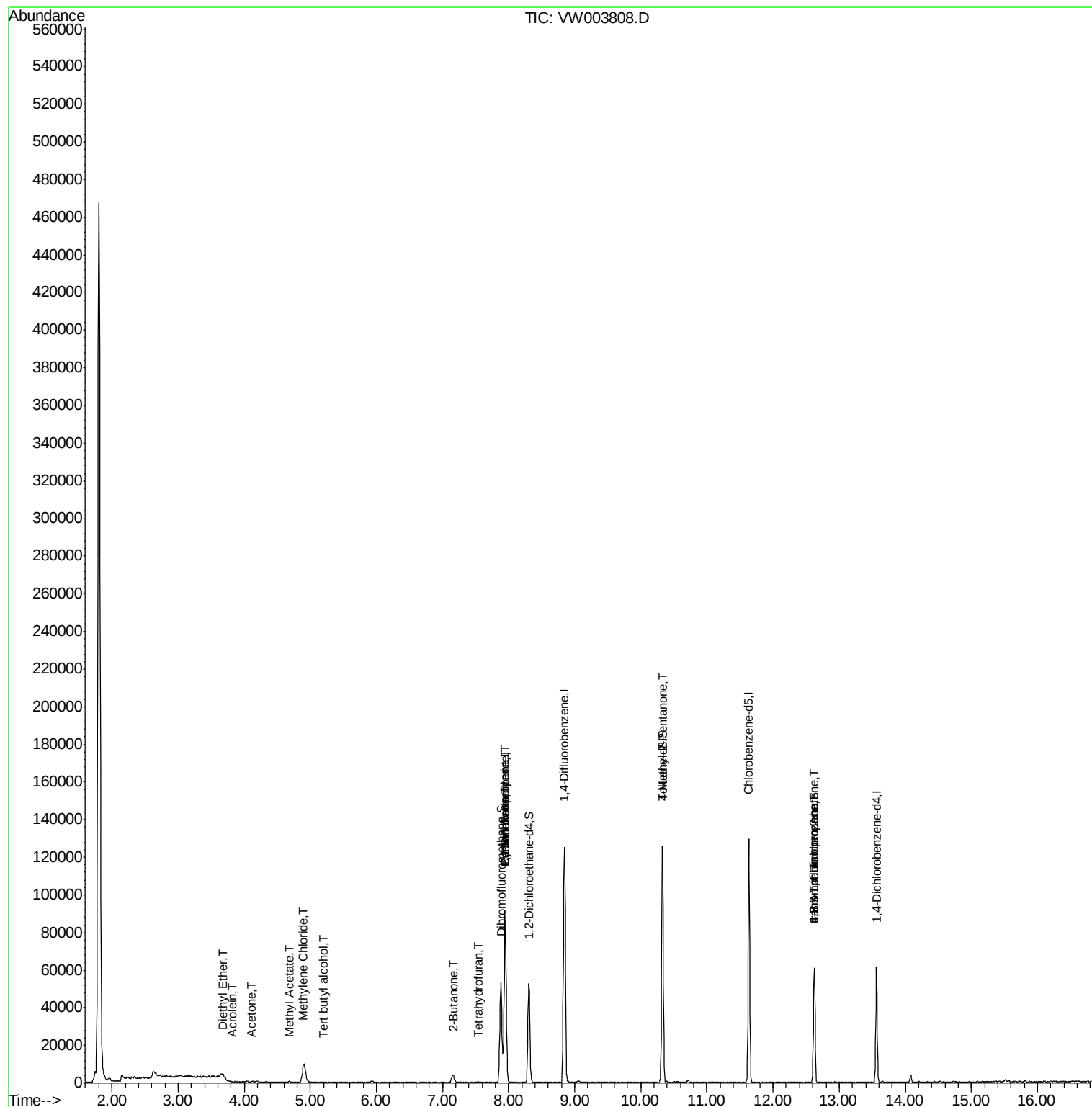
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	436	1.35	ug/l #	1
11) Tert butyl alcohol	5.20	59	89	1.96	ug/l #	70
13) Acrolein	3.82	56	27	5.09	ug/l #	80
16) Acetone	4.12	43	505	3.48	ug/l #	66
18) Methyl Acetate	4.67	43	809	1.98	ug/l #	54
20) Methylene Chloride	4.90	84	7978	7.57	ug/l	97
25) 2-Butanone	7.17	43	269	1.18	ug/l #	51
29) Tetrahydrofuran	7.54	42	291	1.99	ug/l #	54
31) Cyclohexane	7.95	56	1935	1.59	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	5997	5.85	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6593	6.76	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	490	1.00	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	9380	61.55	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9380	150.56	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003808.D
Acq On : 10 Jul 2018 06:17
Operator : SY/AP
Sample : J3880-04
Misc : 4.94G/5ML/MSVOA W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-12

Quant Time: Jul 10 06:51:49 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# 1043

Delta R.T. -0.01 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

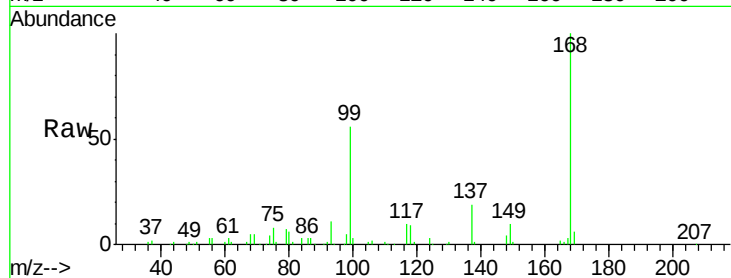
SURCHARGE-SP-12

Tot Ion:168 Resp: 63928

Ion Ratio Lower Upper

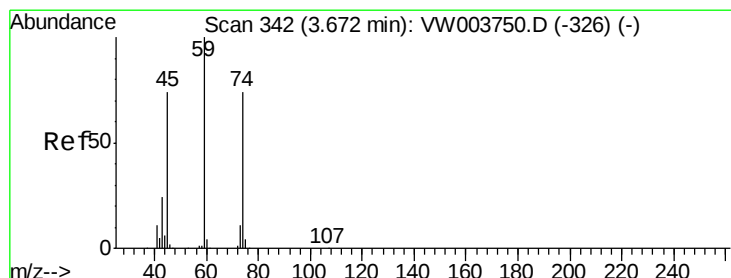
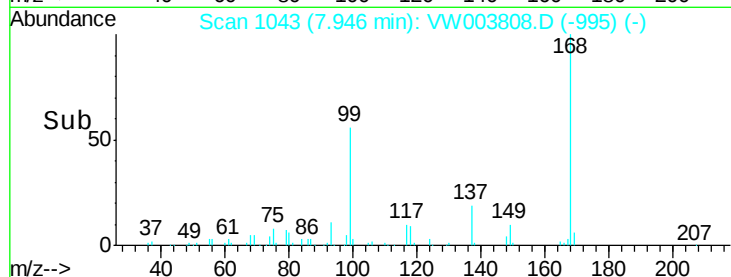
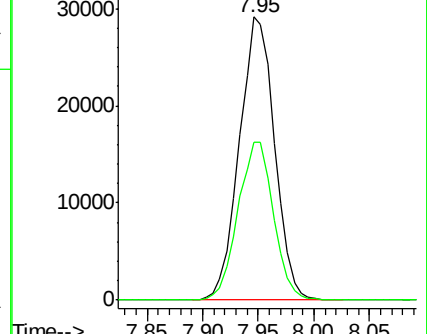
168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.35 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW003808.D

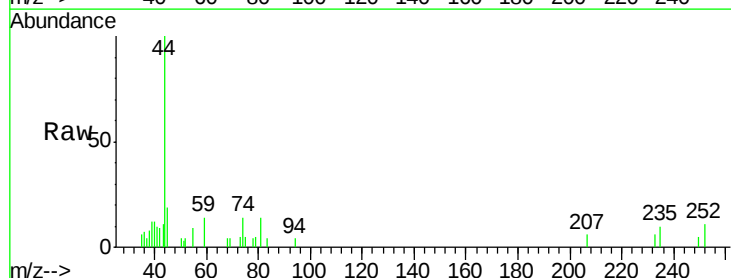
Acq: 10 Jul 2018 06:17

Tgt Ion: 74 Resp: 436

Ion Ratio Lower Upper

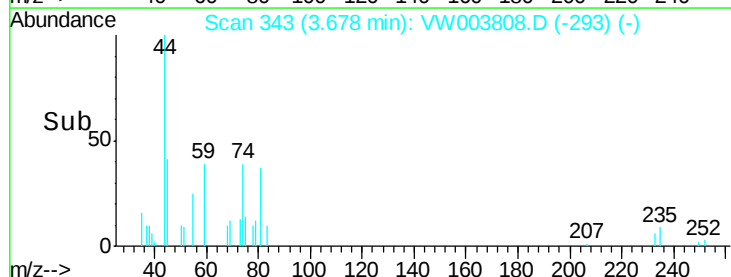
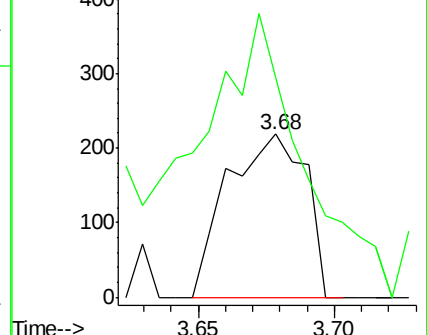
74 100

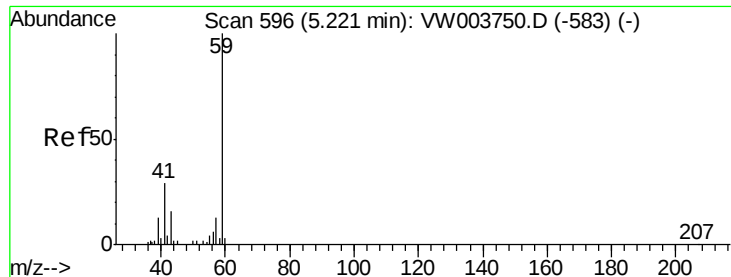
45 229.4 52.4 157.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



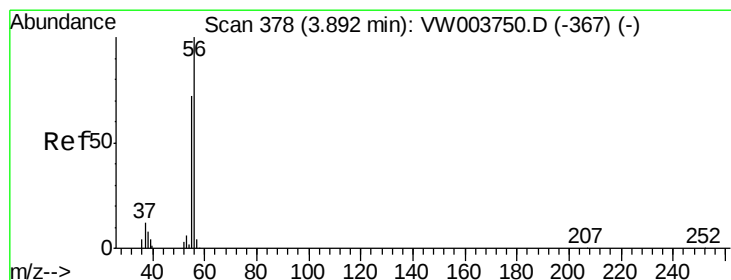
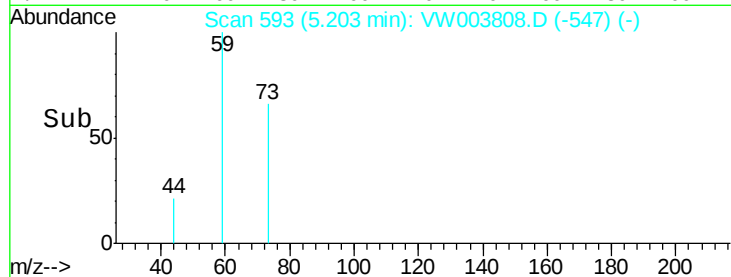
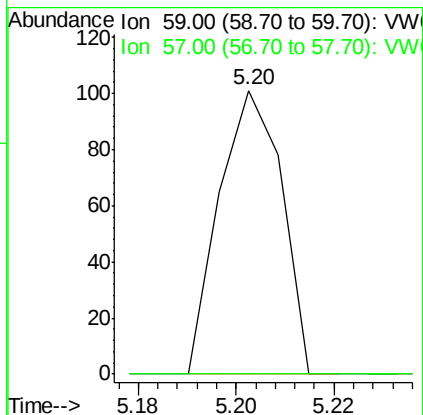
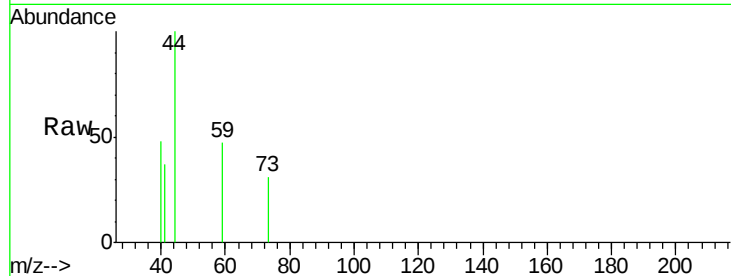


#11

Tert butyl alcohol
 Concen: 1.96 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: VW003808.D
 Acq: 10 Jul 2018 06:17

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-12

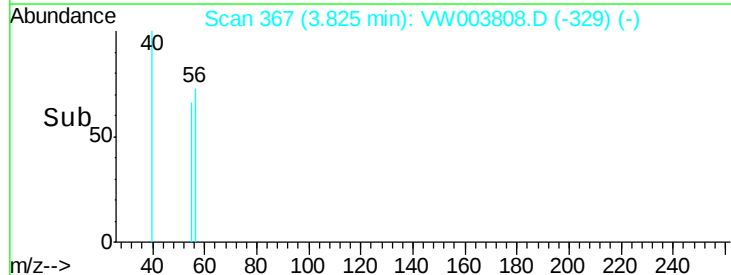
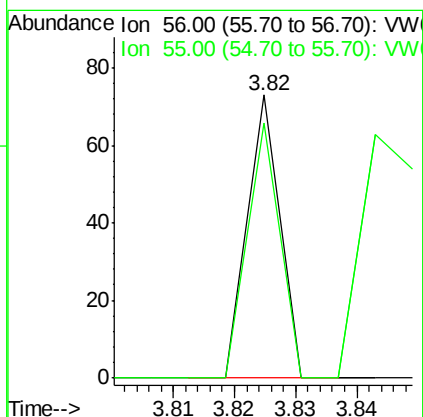
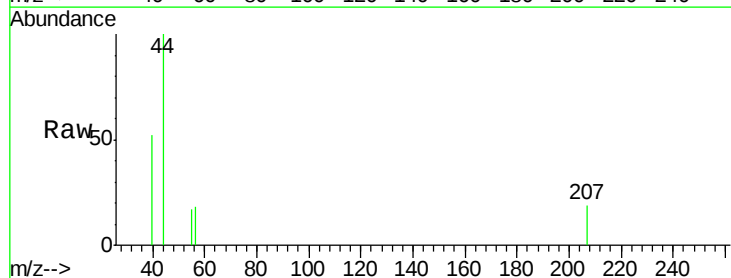
Tot Ion: 59 Resp: 89
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

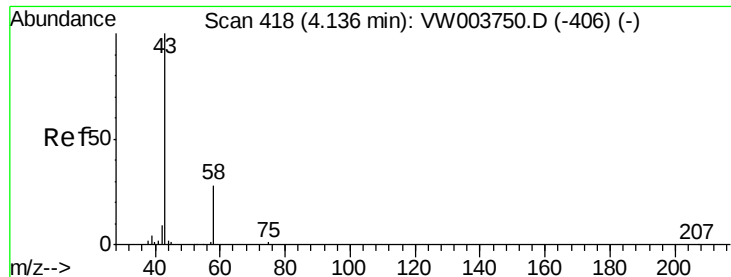


#13

Acrolein
 Concen: 5.09 ug/l
 RT: 3.82 min Scan# 367
 Delta R.T. -0.07 min
 Lab File: VW003808.D
 Acq: 10 Jul 2018 06:17

Tgt Ion: 56 Resp: 27
 Ion Ratio Lower Upper
 56 100
 55 88.9 57.5 86.3#





#16

Acetone

Concen: 3.48 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

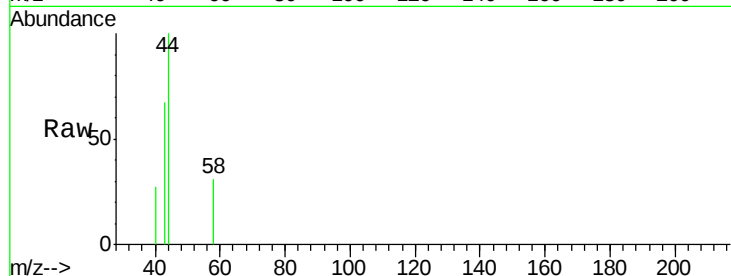
SURCHARGE-SP-12

Tot Ion: 43 Resp: 505

Ion Ratio Lower Upper

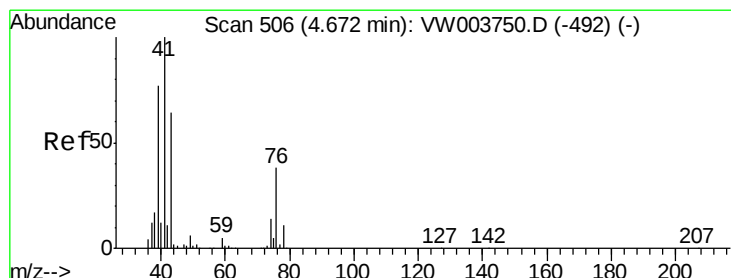
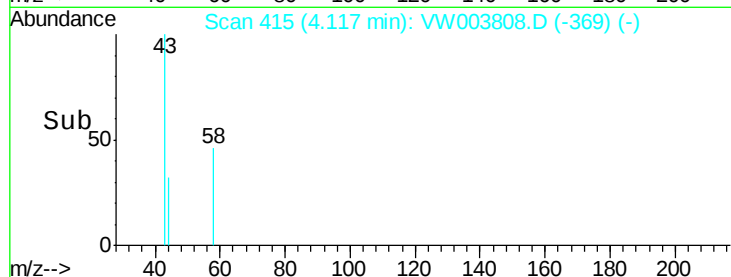
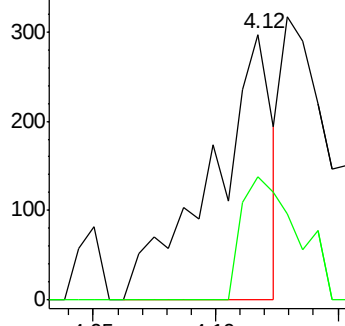
43 100

58 46.5 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: 1.98 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003808.D

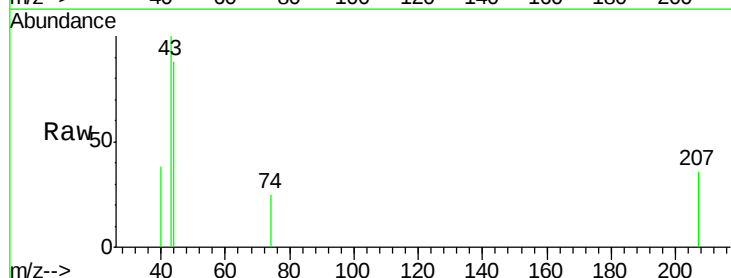
Acq: 10 Jul 2018 06:17

Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

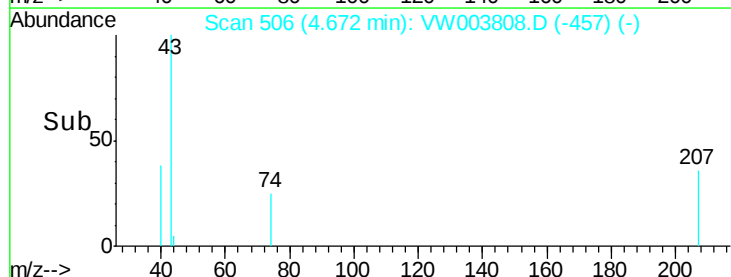
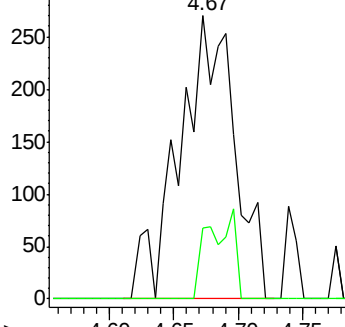
43 100

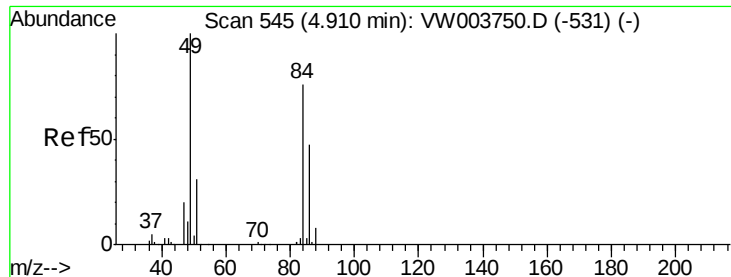
74 0.0 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

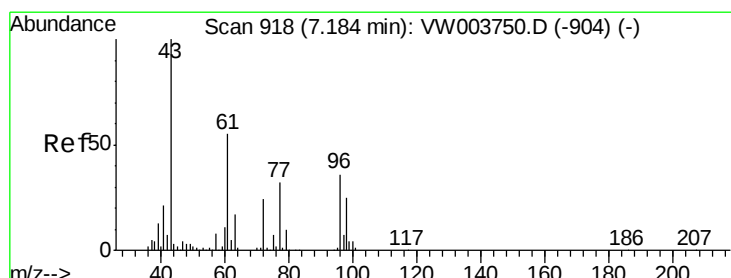
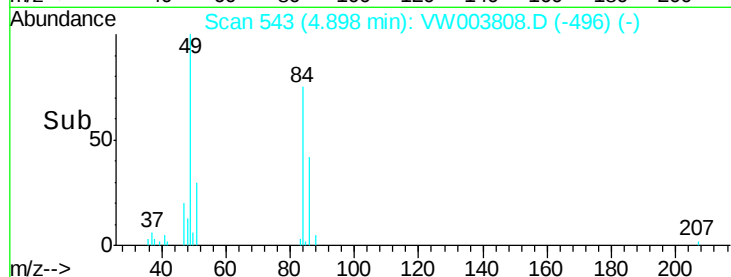
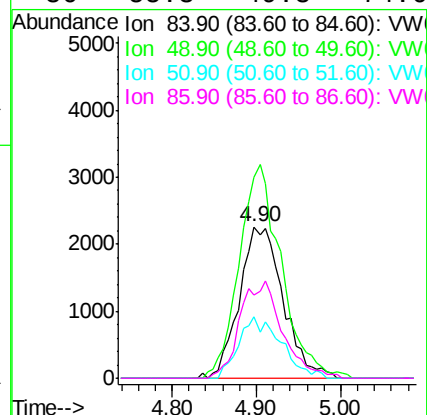
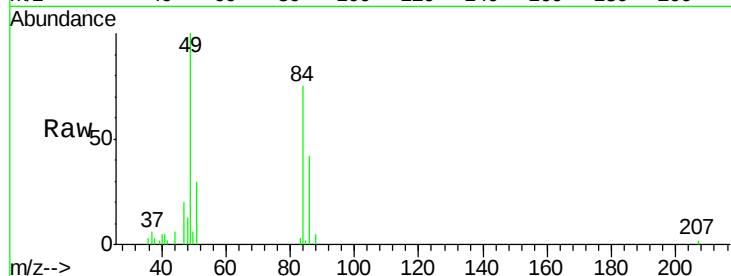




#20
Methvlene Chloride
Concen: 7.57 ug/l
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

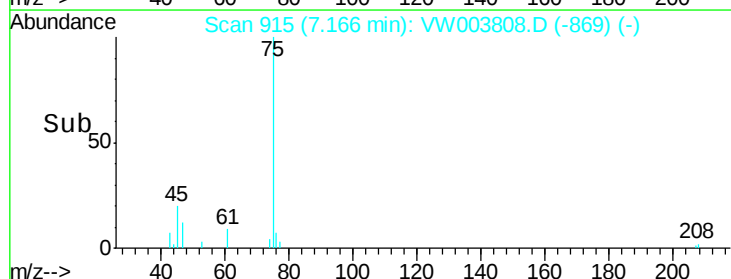
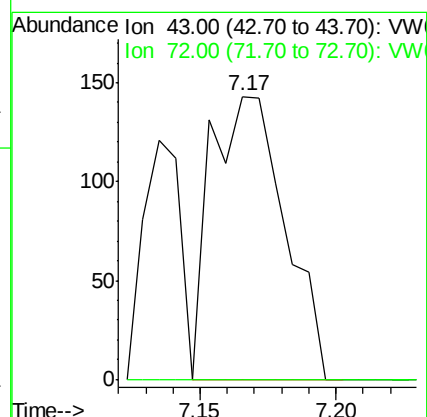
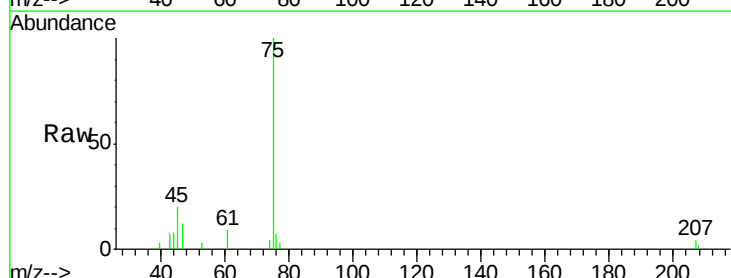
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-12

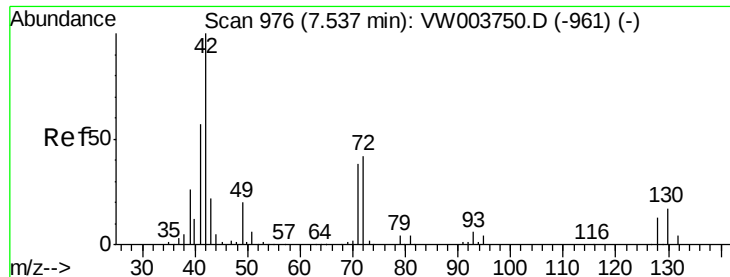
Tot Ion:	84	Resp:	7978
Ion	Ratio	Lower	Upper
84	100		
49	133.3	105.1	157.7
51	40.4	32.5	48.7
86	55.3	49.8	74.6



#25
2-Butanone
Concen: 1.18 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.02 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

Tgt Ion:	43	Resp:	269
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

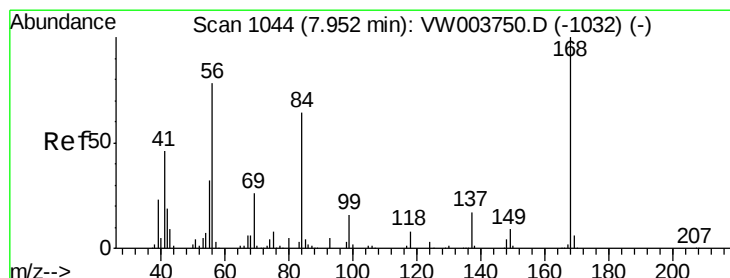
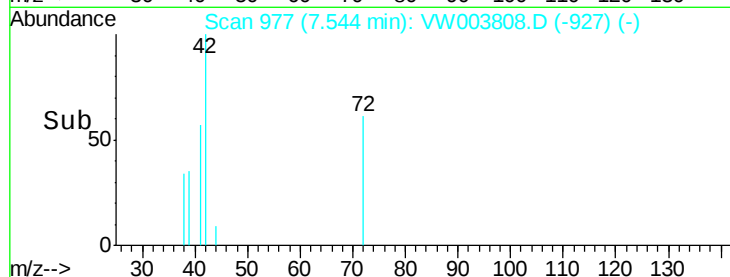
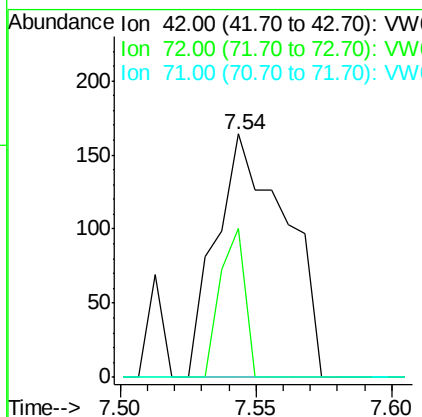
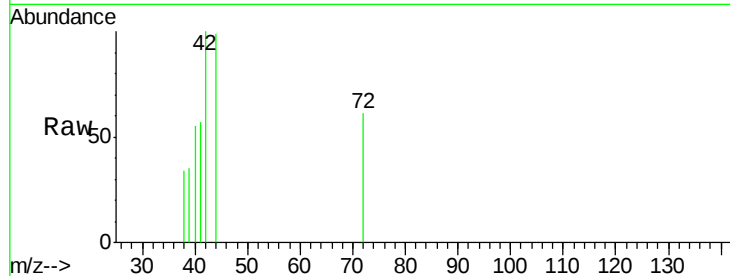




#29
Tetrahydrofuran
Concen: 1.99 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

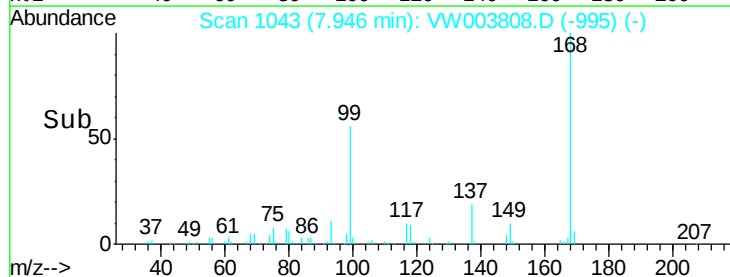
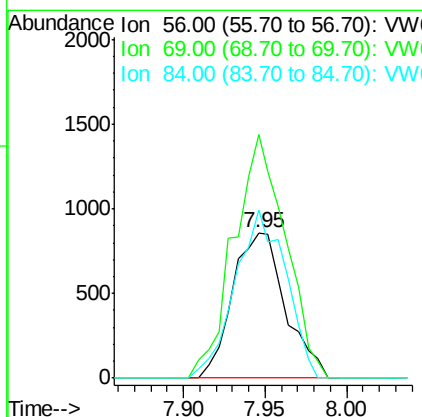
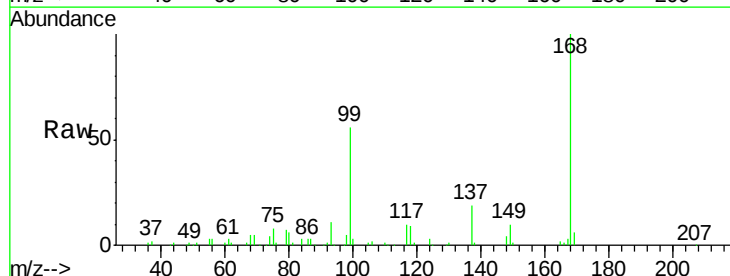
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-12

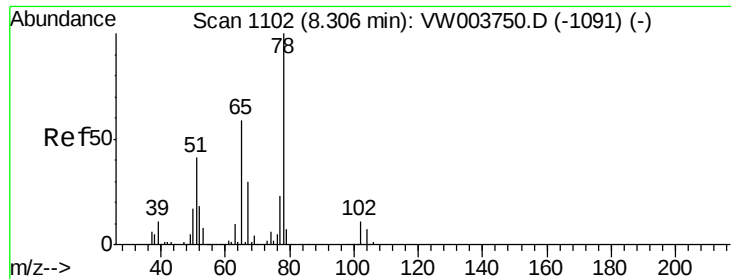
Tot Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
72 21.6 31.8 47.8#
71 0.0 30.3 45.5#



#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 56 Resp: 1935
Ion Ratio Lower Upper
56 100
69 167.8 26.2 39.4#
84 116.2 65.5 98.3#





#33

1,2-Dichloroethane-d4

Concen: 49.05 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

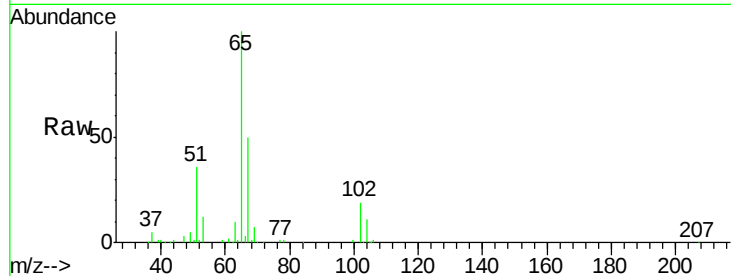
SURCHARGE-SP-12

Tot Ion: 65 Resp: 41002

Ion Ratio Lower Upper

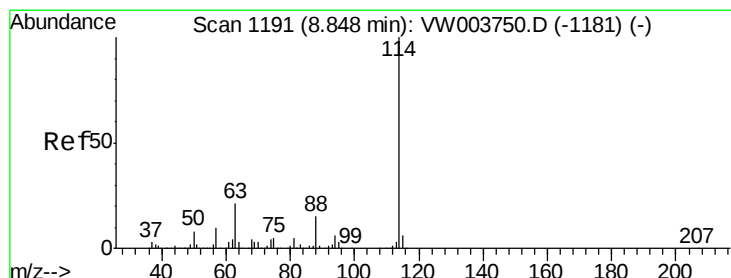
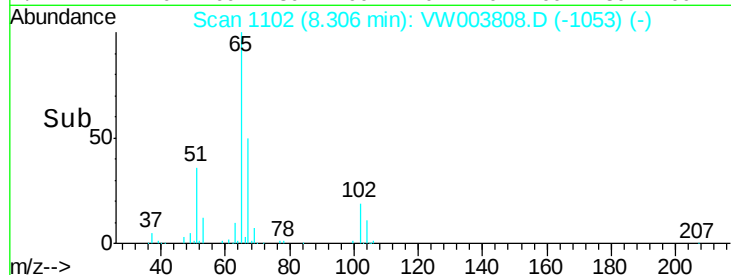
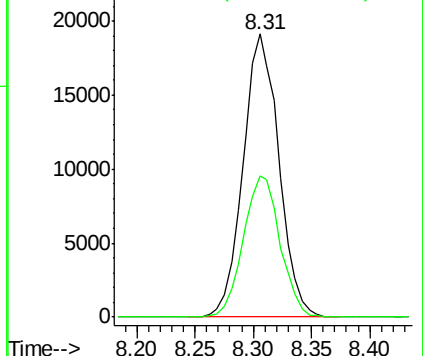
65 100

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: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

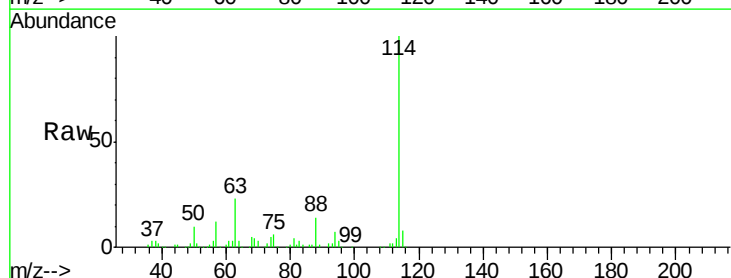
Tgt Ion: 114 Resp: 96625

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

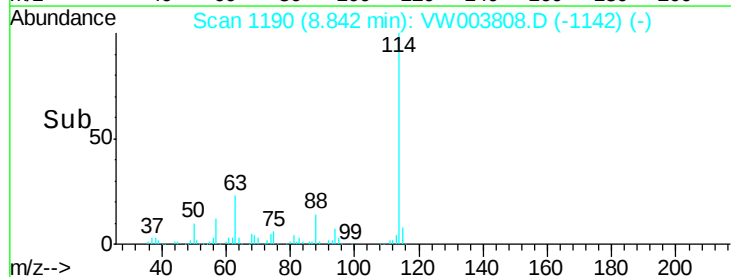
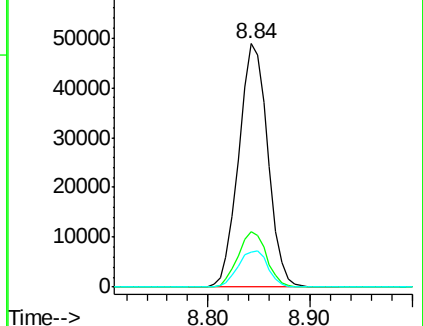
88 14.4 0.0 30.2

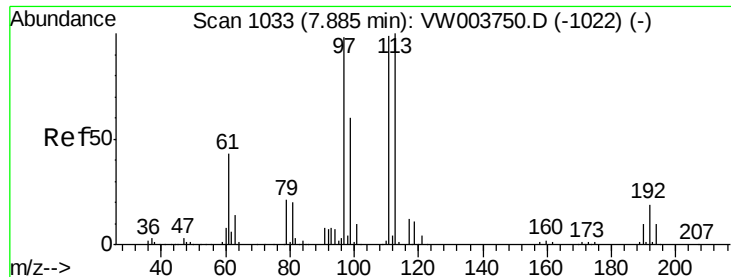


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.92 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-12

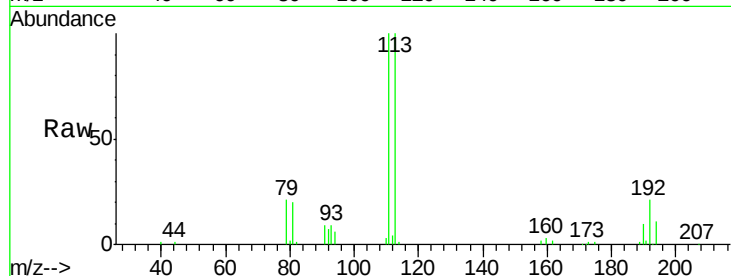
Tot Ion:113 Resp: 37138

Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.7	122.5
192	20.4	15.8	23.8

113 100

111 99.0 81.7 122.5

192 20.4 15.8 23.8

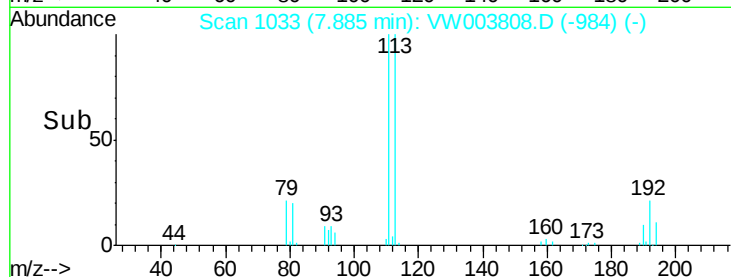


Abundance Ion 112.80 (112.50 to 113.50): V

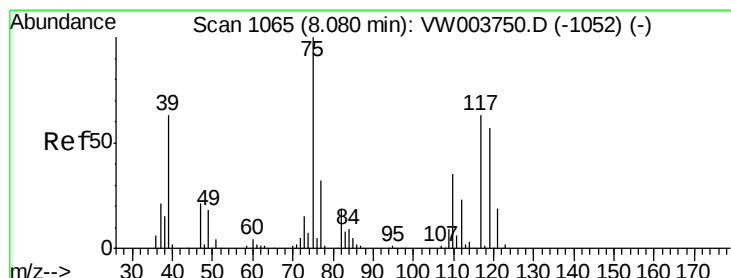
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88



Time-->



#36

1,1-Dichloropropene

Concen: 5.85 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

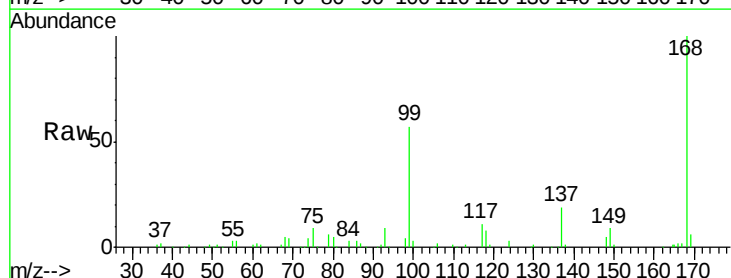
Tgt Ion: 75 Resp: 5997

Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.9	50.6#
77	0.0	24.8	37.2#

75 100

110 6.9 16.9 50.6#

77 0.0 24.8 37.2#

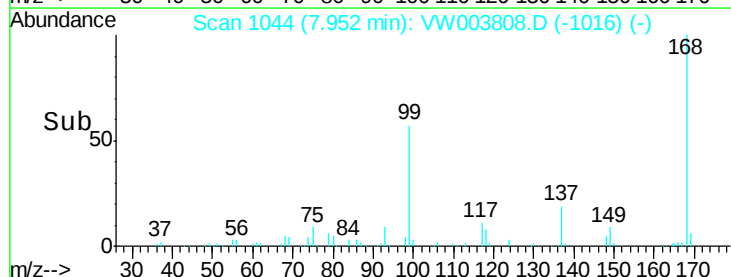


Abundance Ion 74.90 (74.60 to 75.60): VW

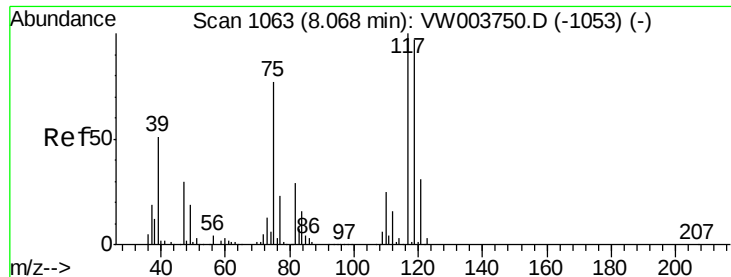
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

7.95



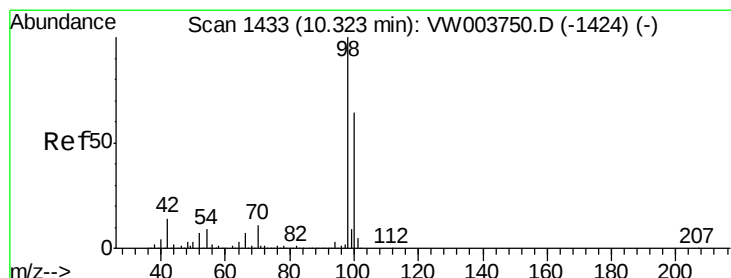
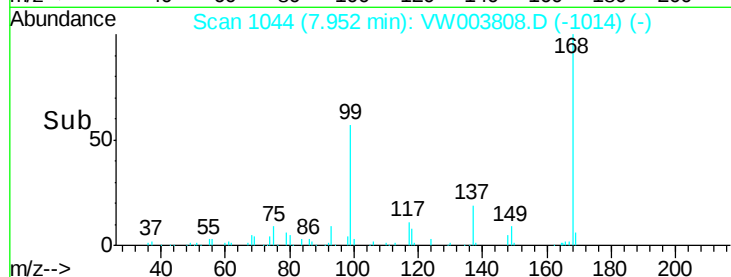
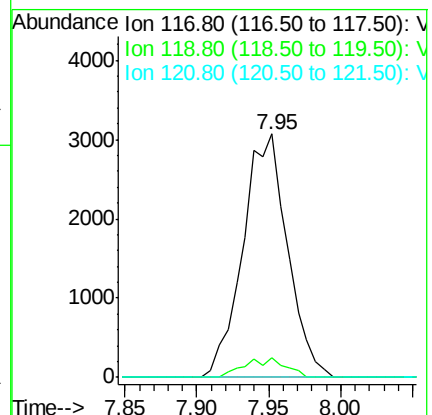
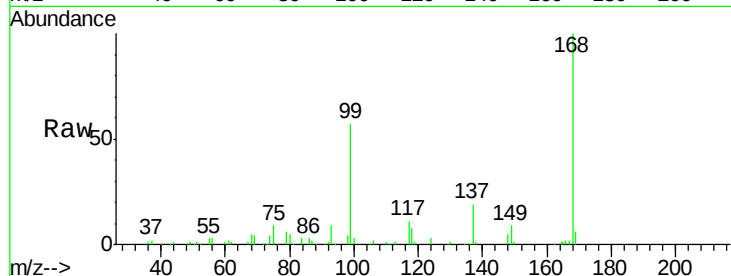
Time-->



#38
Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

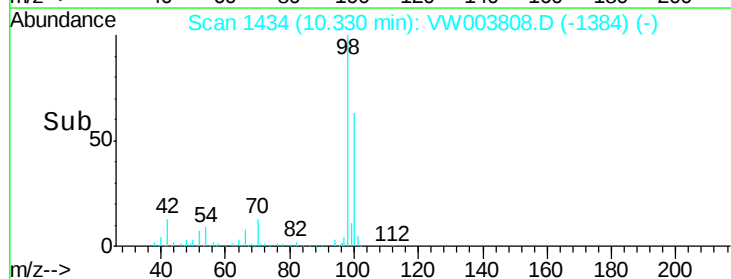
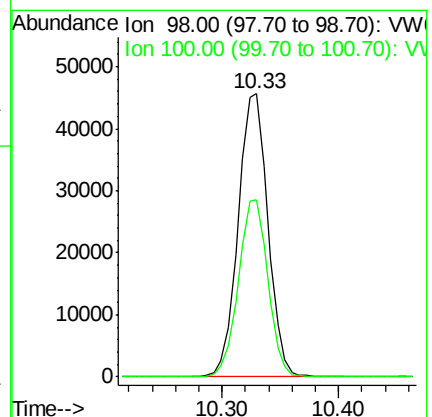
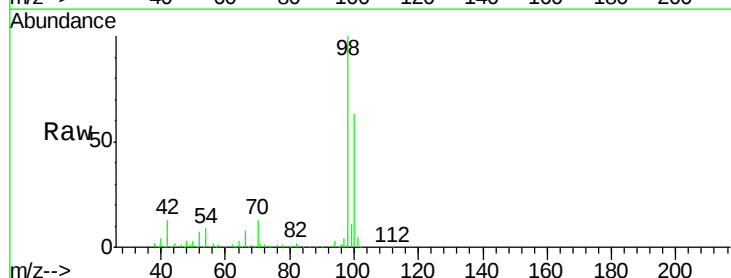
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-12

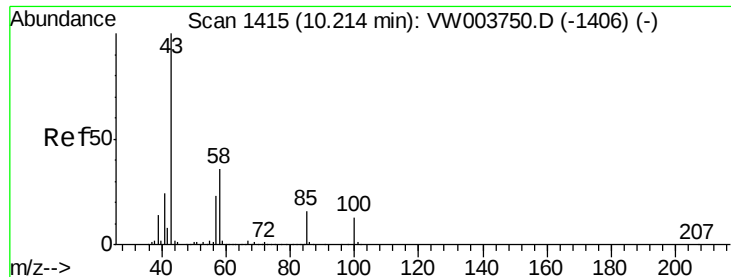
Tot Ion:117 Resp: 6593
Ion Ratio Lower Upper
117 100
119 8.2 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 31.49 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 98 Resp: 81453
Ion Ratio Lower Upper
98 100
100 61.8 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 1.00 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_W

ClientSampleId :

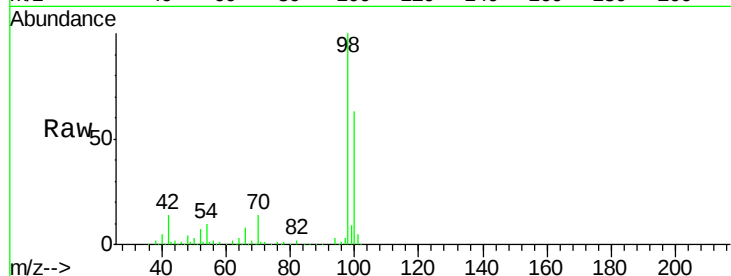
SURCHARGE-SP-12

Tot Ion: 43 Resp: 490

Ion Ratio Lower Upper

43 100

58 172.2 29.3 43.9#

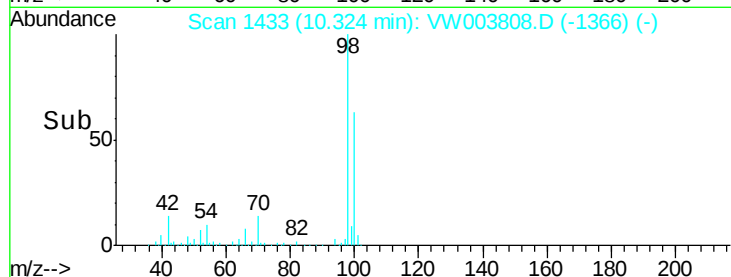


Abundance Ion 43.00 (42.70 to 43.70): VW

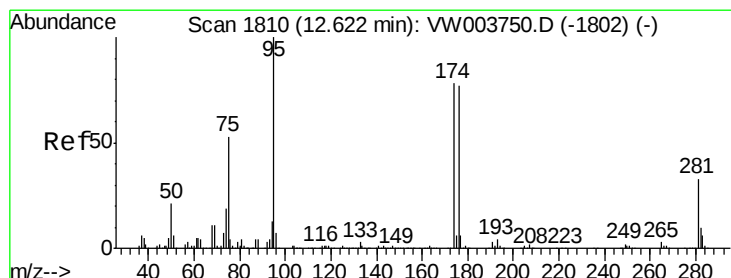
Ion 58.00 (57.70 to 58.70): VW

10.32

10.35



Time-->



#62

4-Bromofluorobenzene

Concen: 18.69 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003808.D

Acq: 10 Jul 2018 06:17

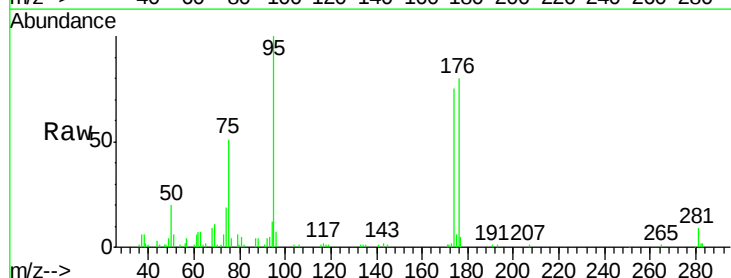
Tgt Ion: 95 Resp: 17491

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.4

176 82.0 0.0 156.8



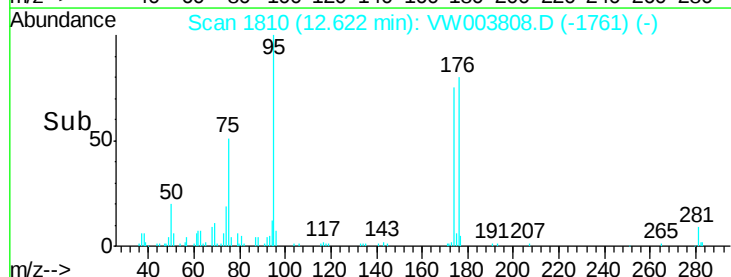
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

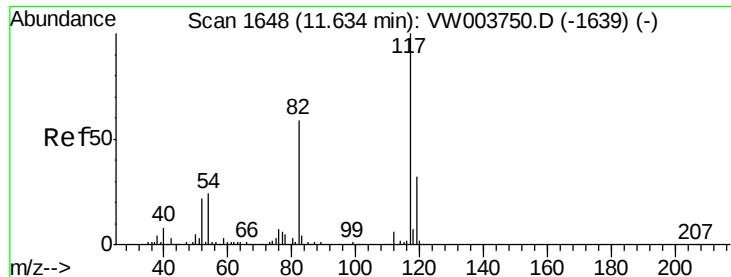
Ion 175.80 (175.50 to 176.50): V

12.62

12.65



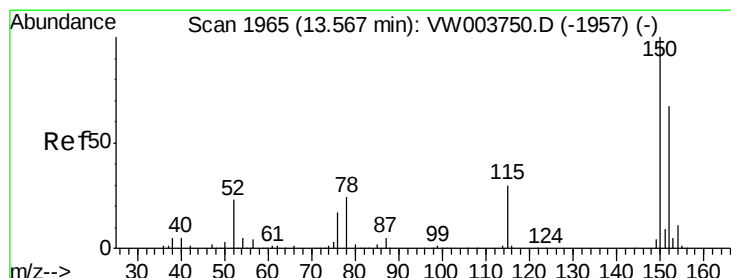
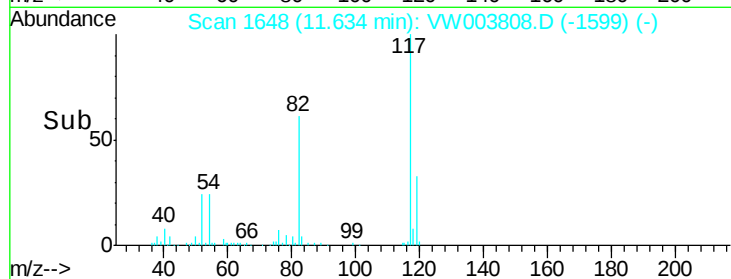
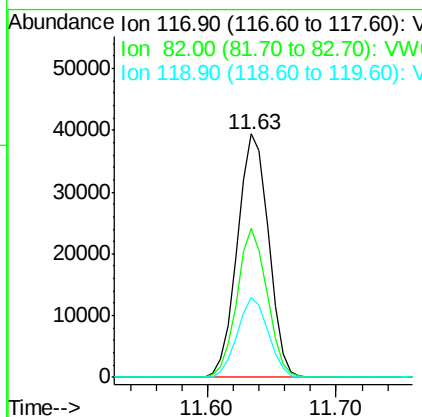
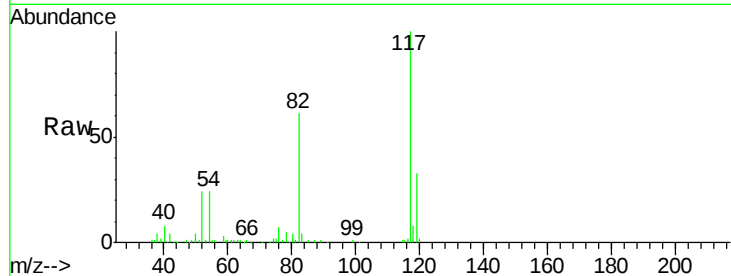
Time-->



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

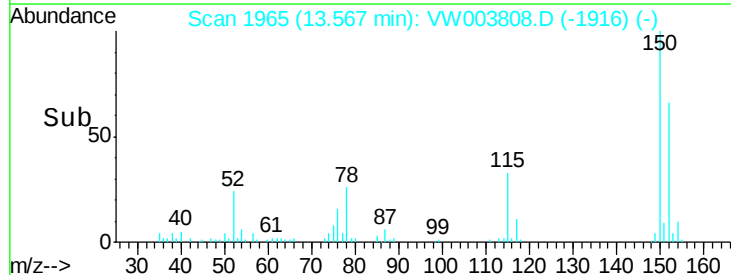
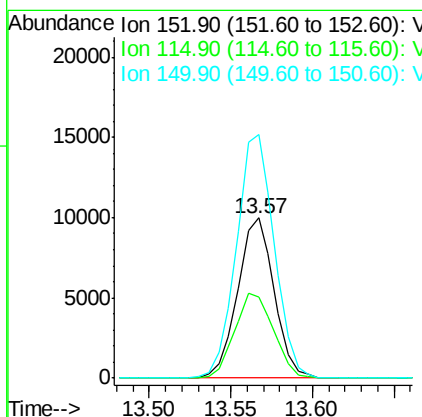
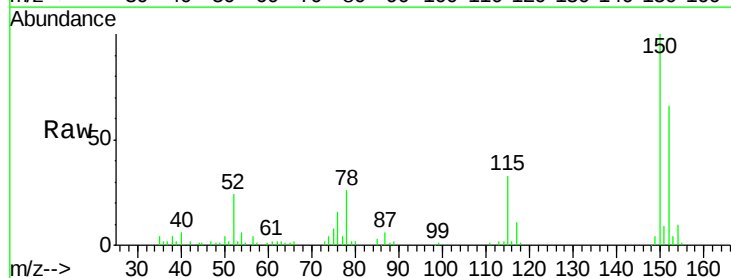
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-12

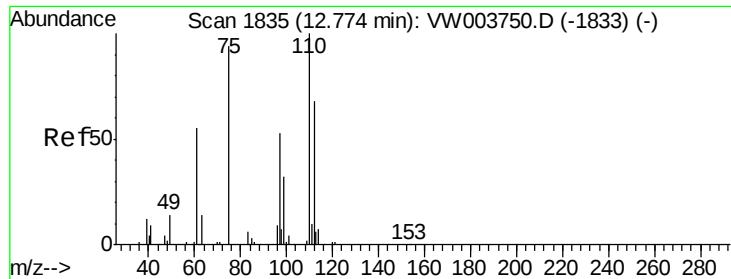
Tot Ion:117 Resp: 65967
Ion Ratio Lower Upper
117 100
82 61.0 46.9 70.3
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003808.D
Acq: 10 Jul 2018 06:17

Tgt Ion:152 Resp: 15520
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.8
150 157.4 0.0 342.4

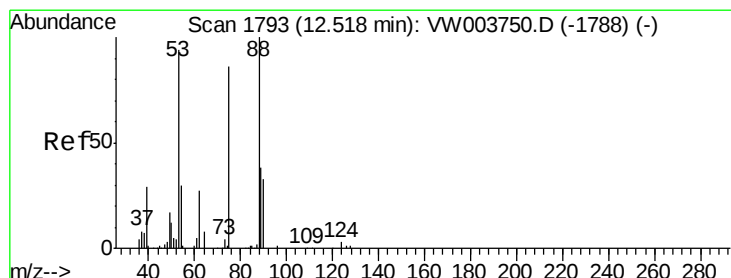
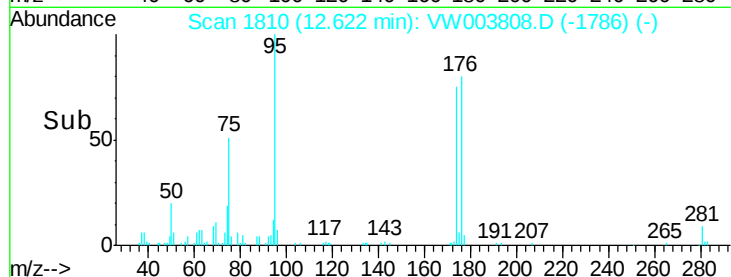
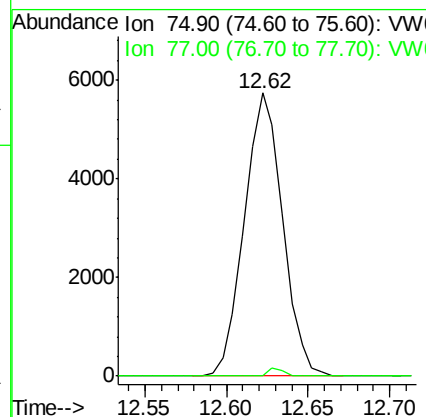
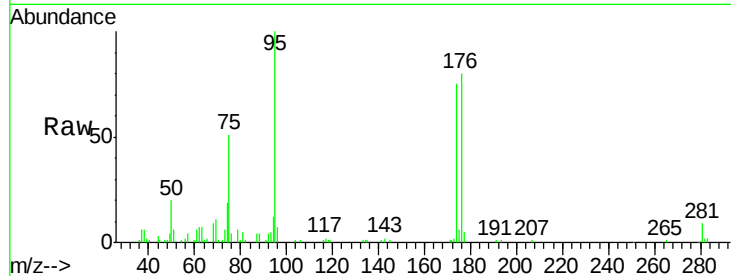




#76
 1,2,3-Trichloropropane
 Concen: 61.55 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003808.D
 Acq: 10 Jul 2018 06:17

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-12

Tot Ion: 75 Resp: 9380
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.56 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003808.D
 Acq: 10 Jul 2018 06:17

Tgt Ion: 75 Resp: 9380
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.0 127.6#
 89 0.0 36.3 54.5#

