

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006212.D
 Acq On : 19 Oct 2018 09:05
 Operator : VA/AP
 Sample : J5202-01RE
 Misc : 6.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-101718-ARE

Quant Time: Oct 19 10:53:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	315495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105850	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	100433	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
35) Dibromofluoromethane	7.88	113	93787	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.33	98	305864	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.62	95	99504	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.70%	

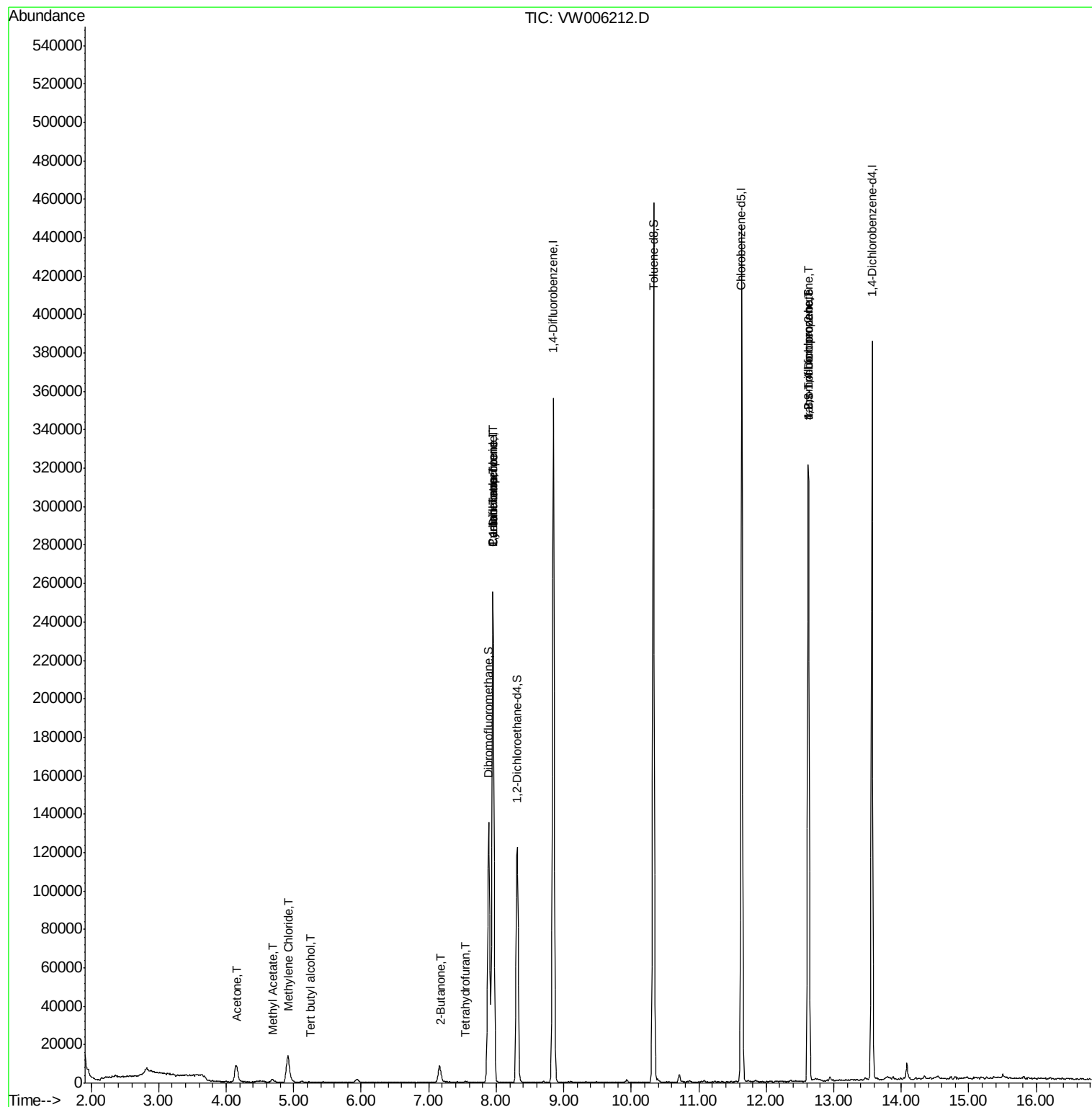
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	134	1.17	ug/l #	71
16) Acetone	4.15	43	18967	47.56	ug/l	93
18) Methyl Acetate	4.69	43	3027	3.54	ug/l #	73
20) Methylene Chloride	4.92	84	11529	4.95	ug/l	94
25) 2-Butanone	7.18	43	557	1.21	ug/l #	46
29) Tetrahydrofuran	7.55	42	498	1.77	ug/l #	49
31) Cyclohexane	7.95	56	3713	1.20	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	13692	4.71	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18338	5.75	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	49880	61.70	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49880	147.48	ug/l #	10

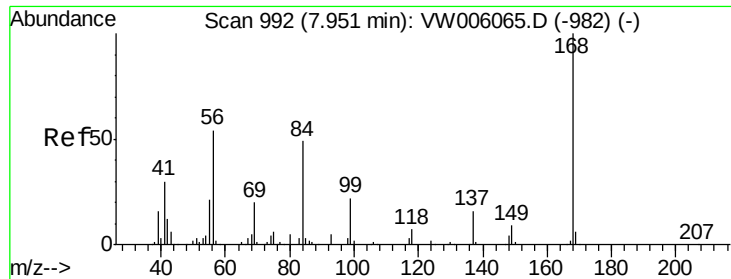
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 10:53:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006212.D

Acq: 19 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

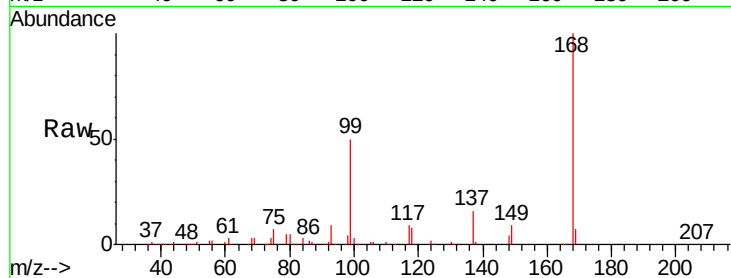
PL-03-101718-ARE

Tgt Ion:168 Resp: 204775

Ion Ratio Lower Upper

168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

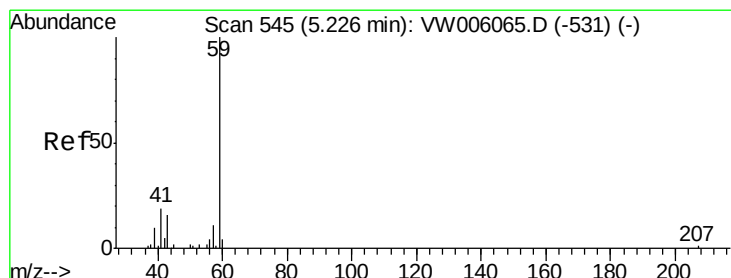
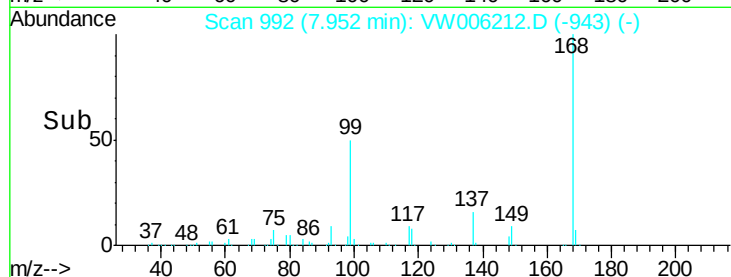
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.17 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW006212.D

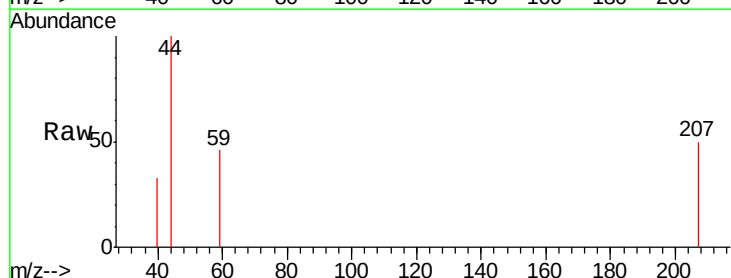
Acq: 19 Oct 2018 09:05

Tgt Ion: 59 Resp: 134

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

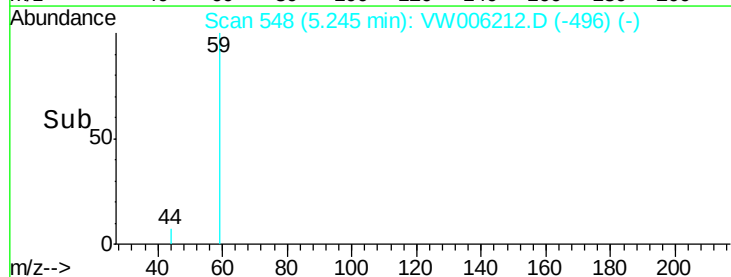
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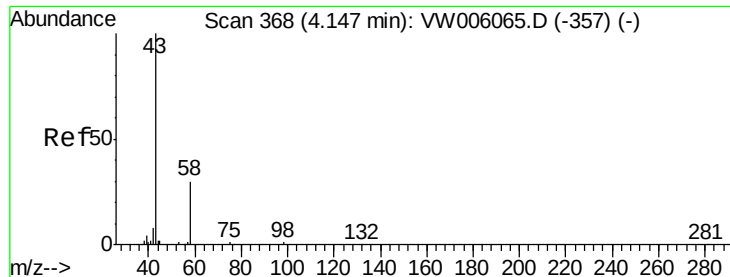
100

50

0

Time-->





#16

Acetone

Concen: 47.56 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006212.D

Acq: 19 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

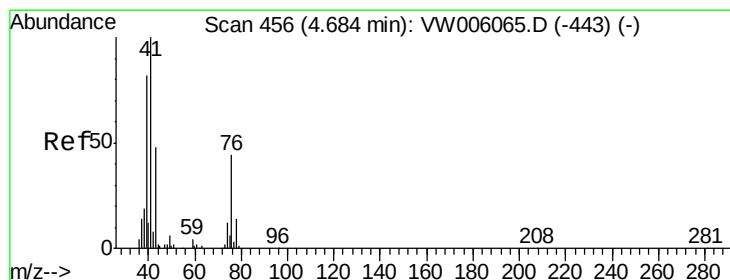
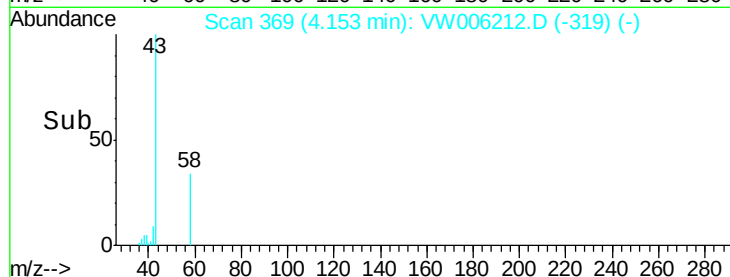
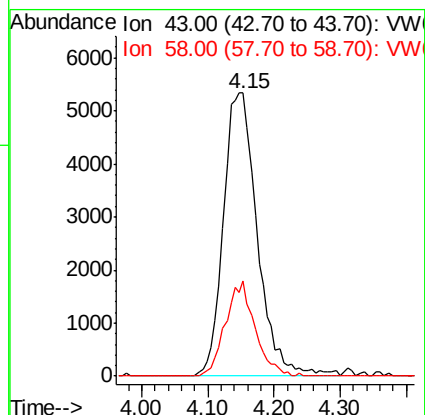
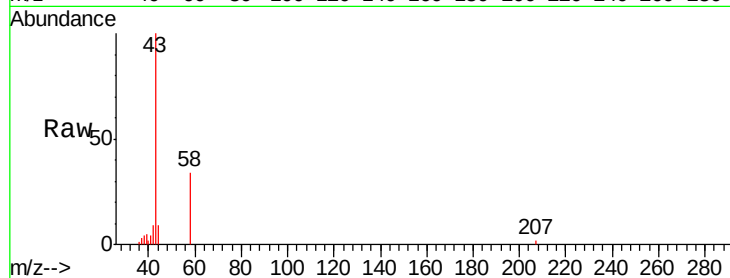
PL-03-101718-ARE

Tgt Ion: 43 Resp: 18967

Ion Ratio Lower Upper

43 100

58 33.5 24.0 36.0



#18

Methyl Acetate

Concen: 3.54 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006212.D

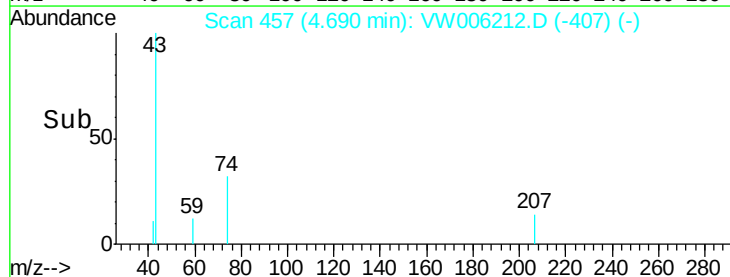
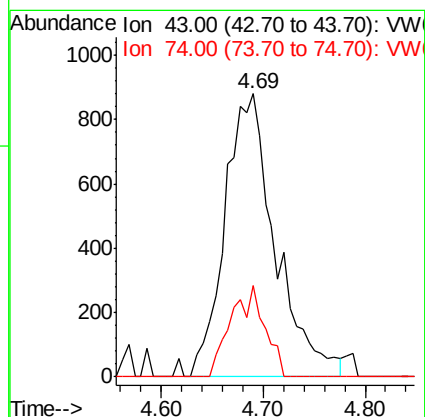
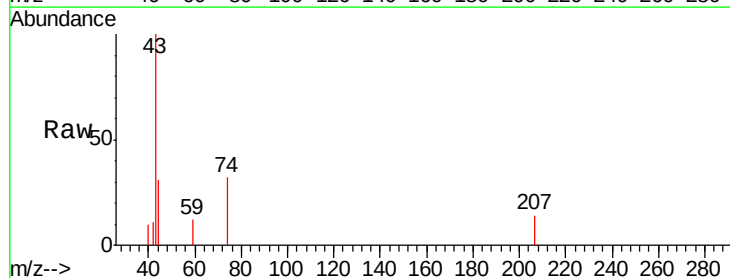
Acq: 19 Oct 2018 09:05

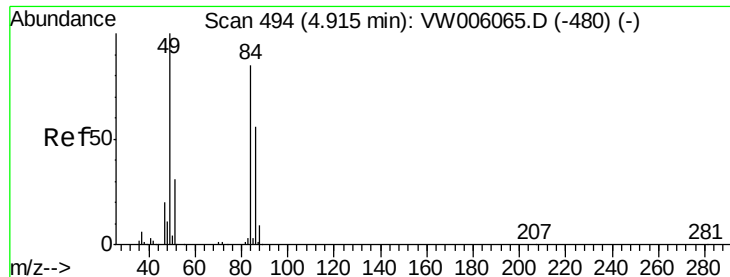
Tgt Ion: 43 Resp: 3027

Ion Ratio Lower Upper

43 100

74 11.8 20.5 30.7#

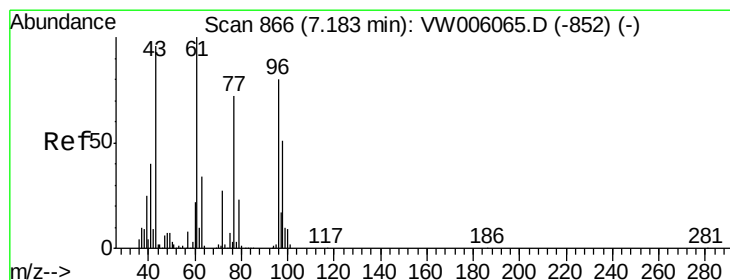
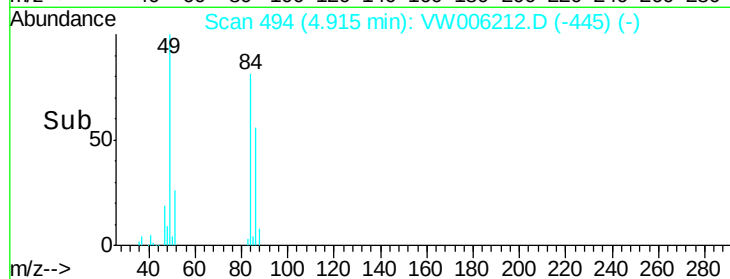
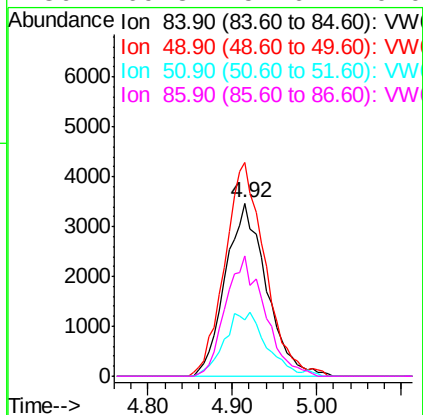
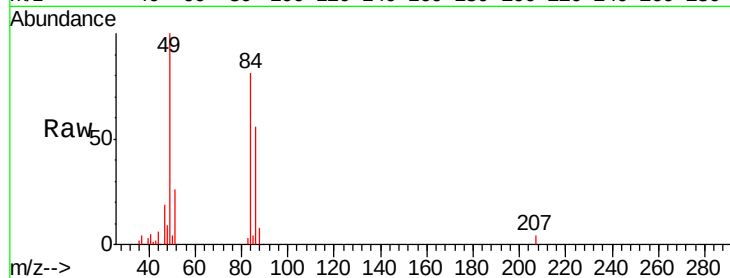




#20
Methylene Chloride
Concen: 4.95 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

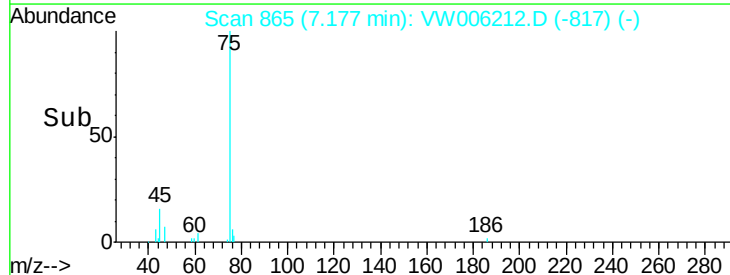
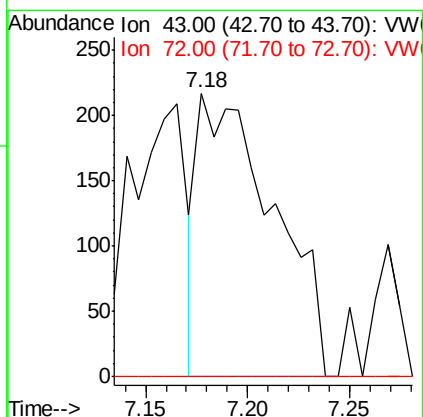
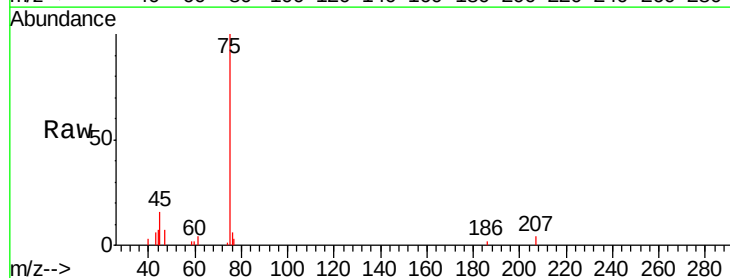
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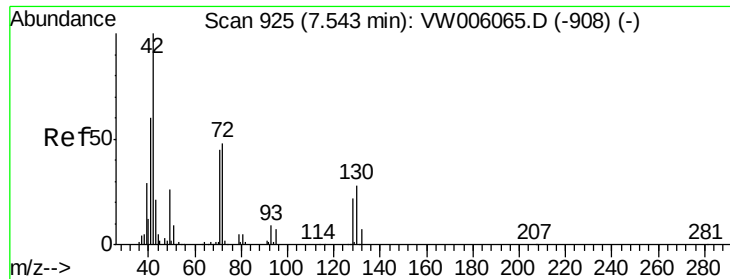
Tgt Ion:	84	Resp:	11529
Ion	Ratio	Lower	Upper
84	100		
49	123.5	93.6	140.4
51	32.5	29.0	43.4
86	69.8	52.6	79.0



#25
2-Butanone
Concen: 1.21 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

Tgt Ion:	43	Resp:	557
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

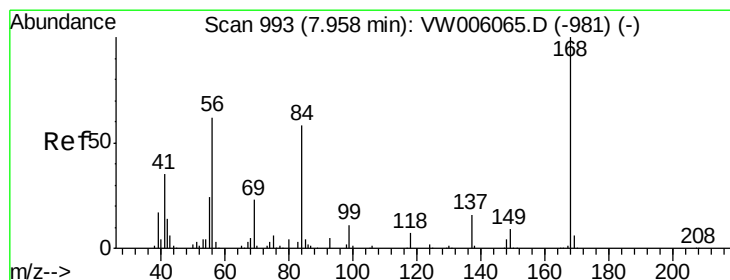
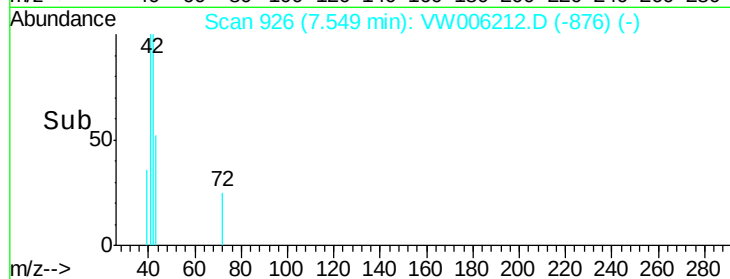
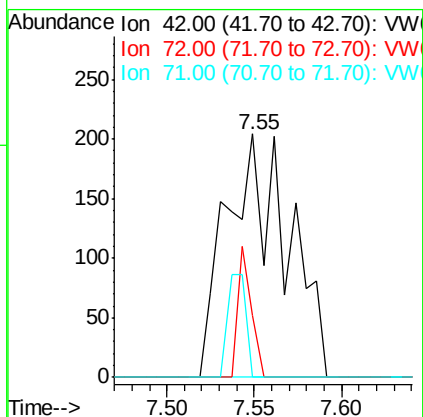
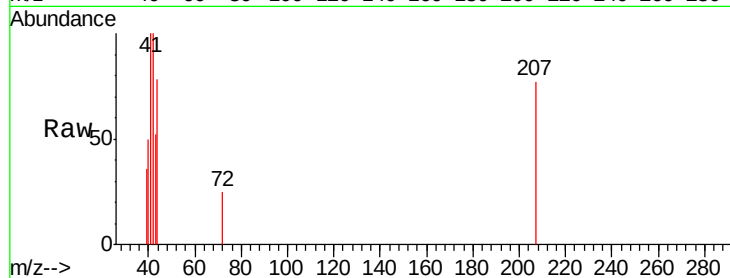




#29
Tetrahydrofuran
Concen: 1.77 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

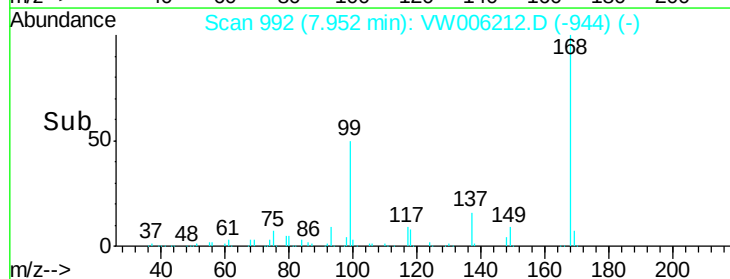
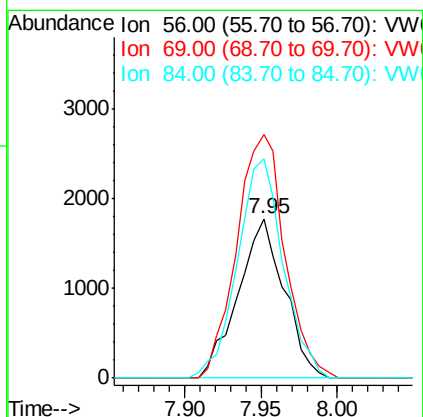
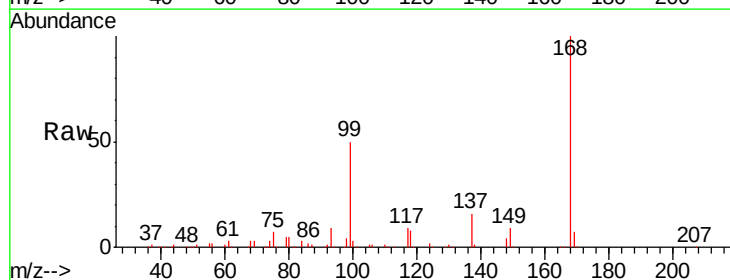
Instrument :
MSVOA_W
ClientSampleId :
PL-03-101718-ARE

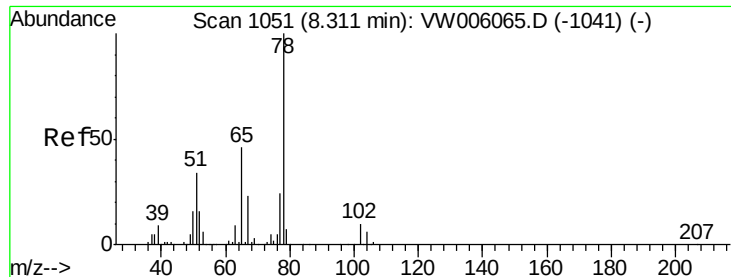
Tgt Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
72 11.8 38.0 57.0#
71 12.7 35.3 52.9#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

Tgt Ion: 56 Resp: 3713
Ion Ratio Lower Upper
56 100
69 152.7 29.4 44.0#
84 137.9 74.0 111.0#

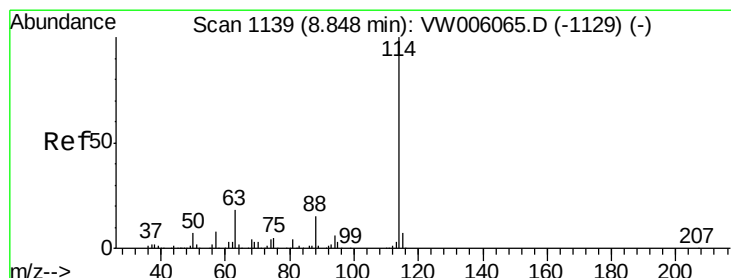
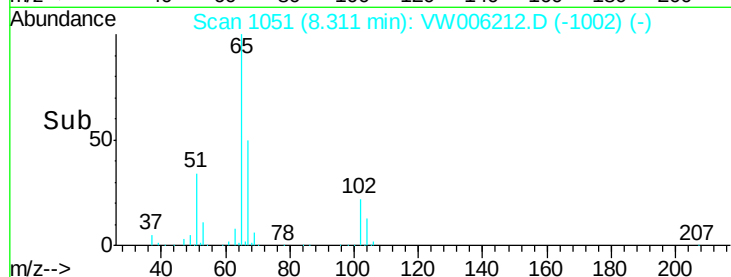
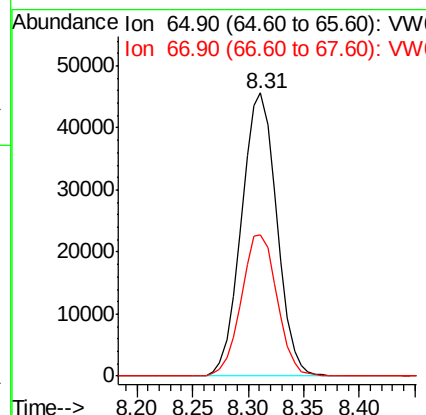
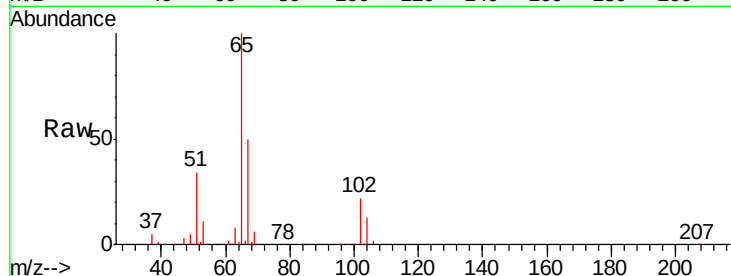




#33
 1,2-Dichloroethane-d4
 Concen: 59.16 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006212.D
 Acq: 19 Oct 2018 09:05

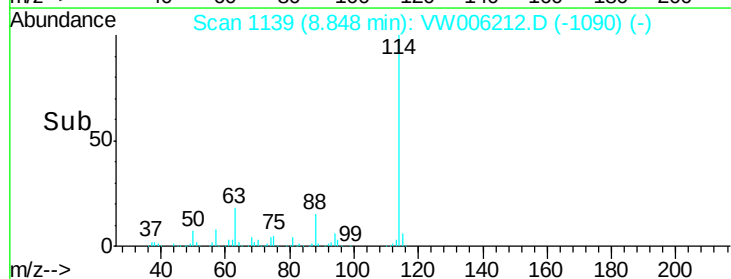
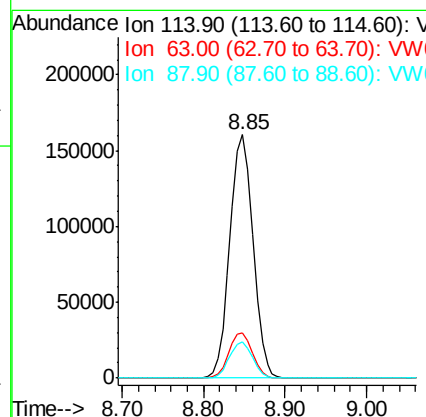
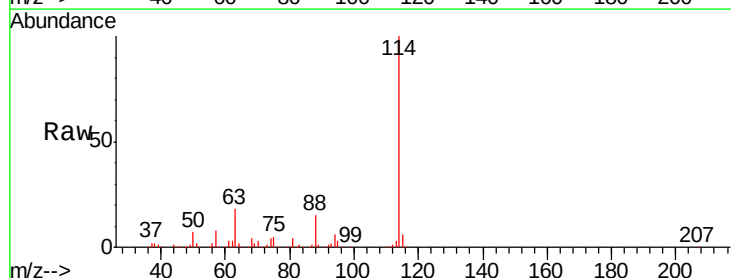
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 PL-03-101718-ARE

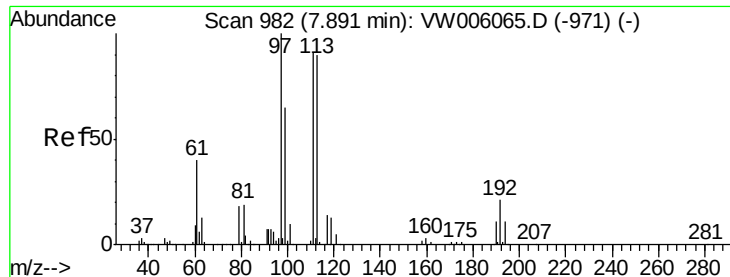
Tgt Ion: 65 Resp: 100433
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006212.D
 Acq: 19 Oct 2018 09:05

Tgt Ion: 114 Resp: 315495
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0

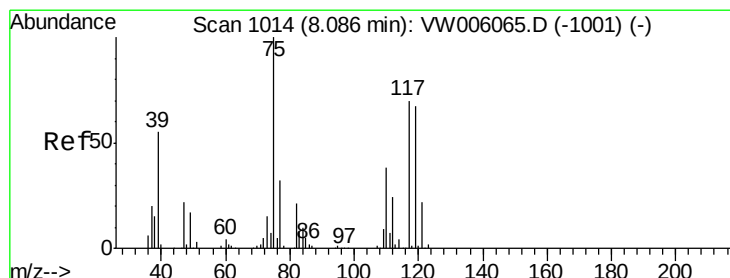
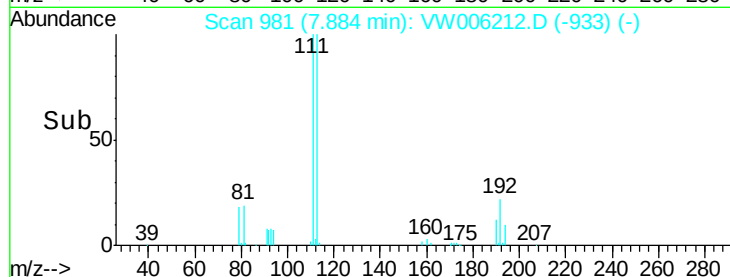
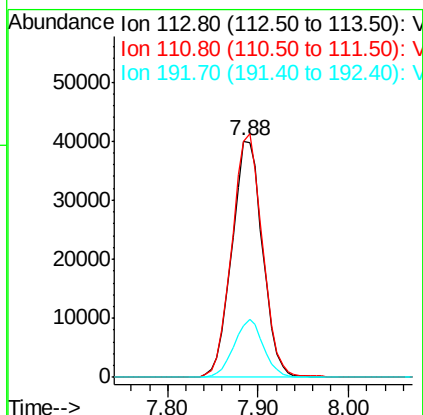
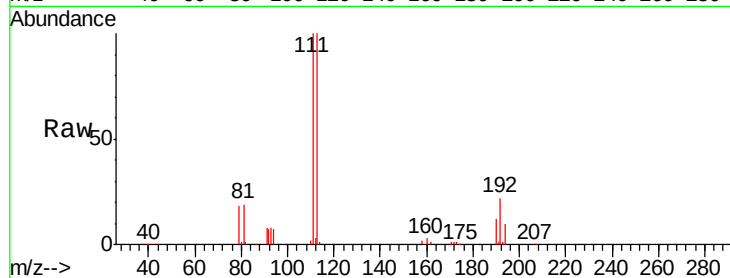




#35
 Dibromofluoromethane
 Concen: 50.31 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006212.D
 Acq: 19 Oct 2018 09:05

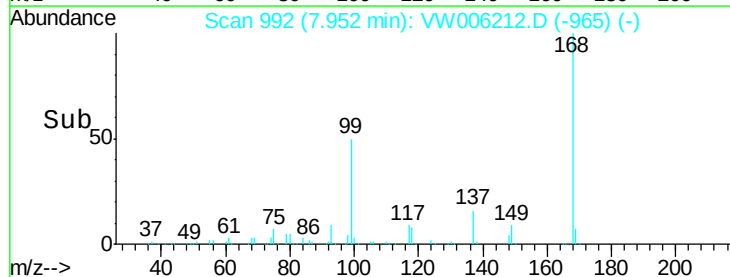
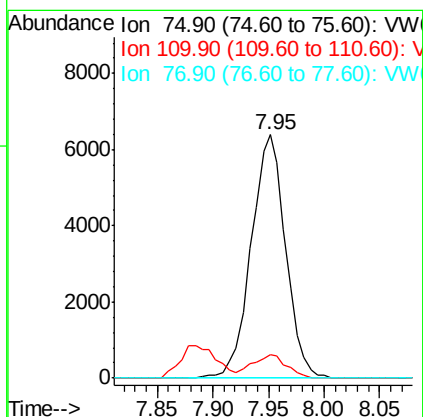
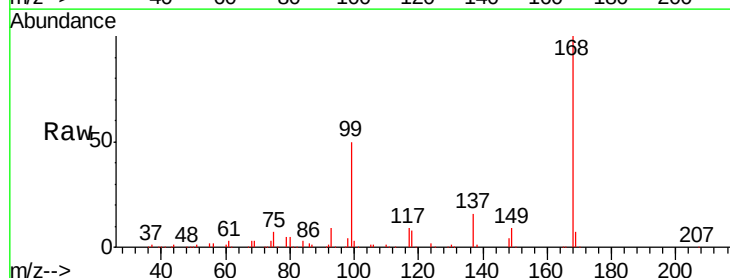
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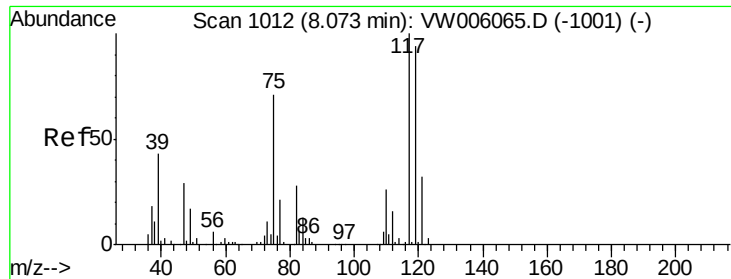
Tgt Ion:113 Resp: 93787
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 23.5 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006212.D
 Acq: 19 Oct 2018 09:05

Tgt Ion: 75 Resp: 13692
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.1#
 77 0.0 25.0 37.4#

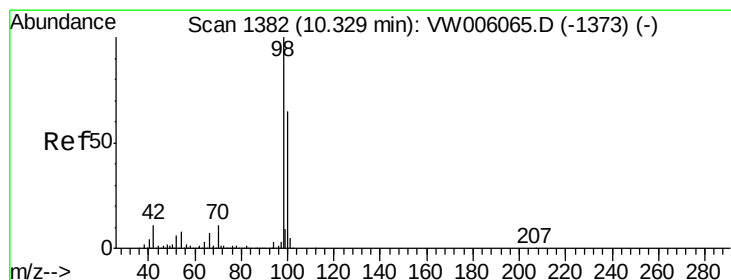
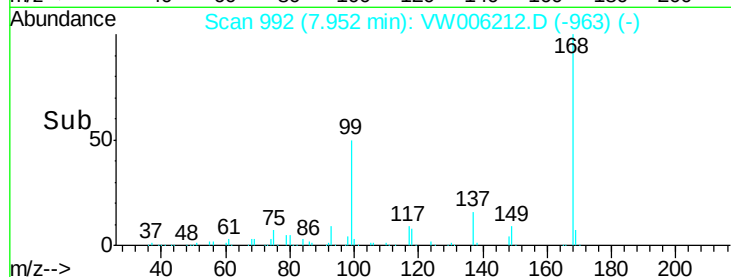
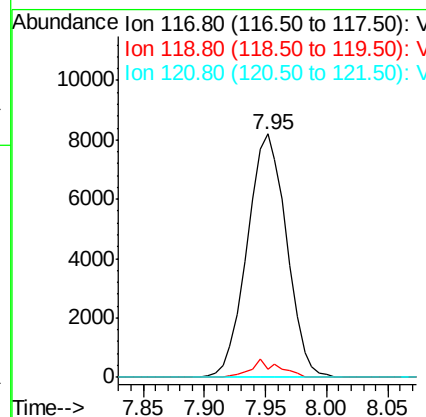
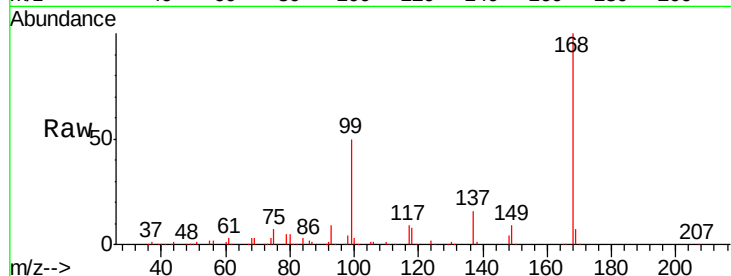




#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

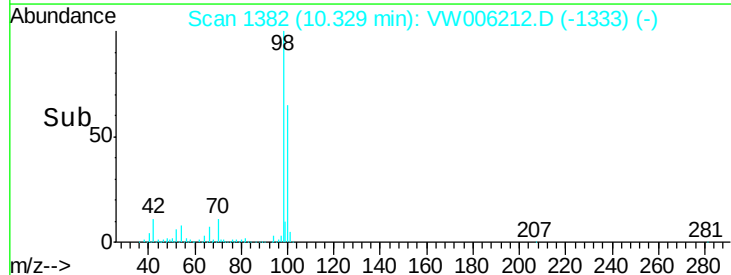
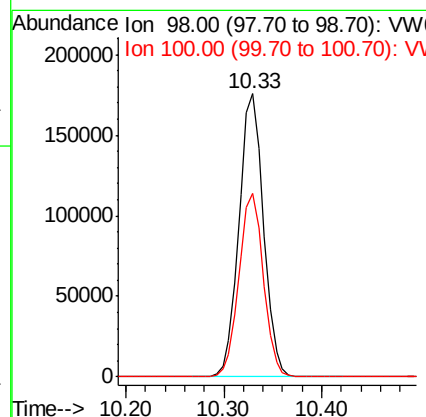
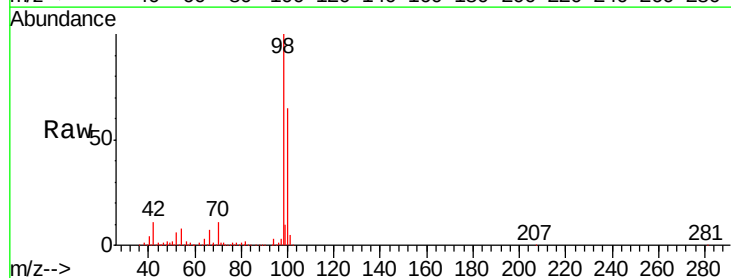
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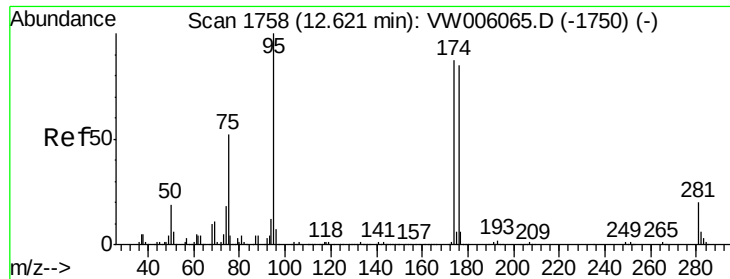
Tgt Ion:117 Resp: 18338
Ion Ratio Lower Upper
117 100
119 3.2 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 43.12 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

Tgt Ion: 98 Resp: 305864
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

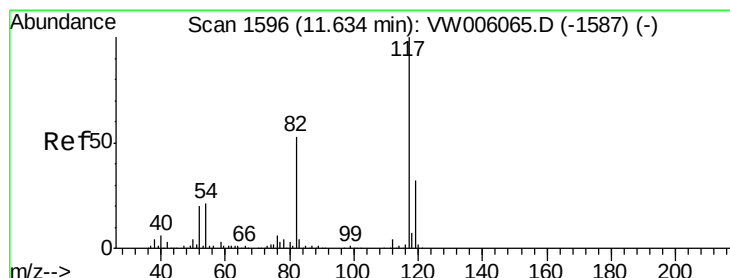
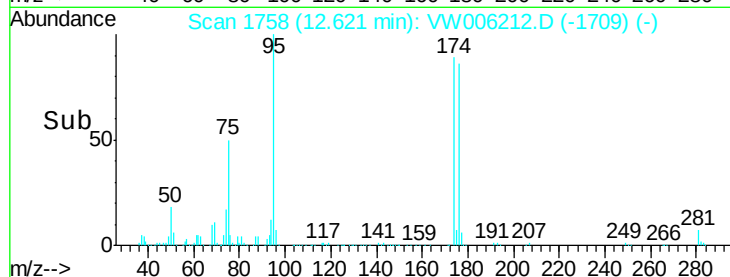
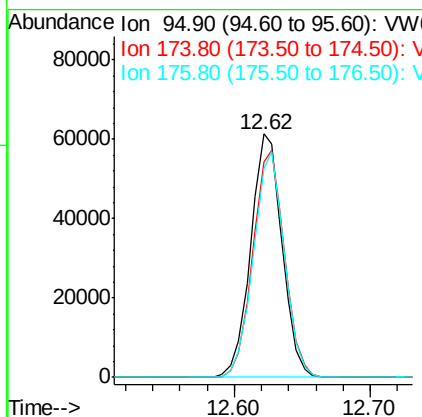
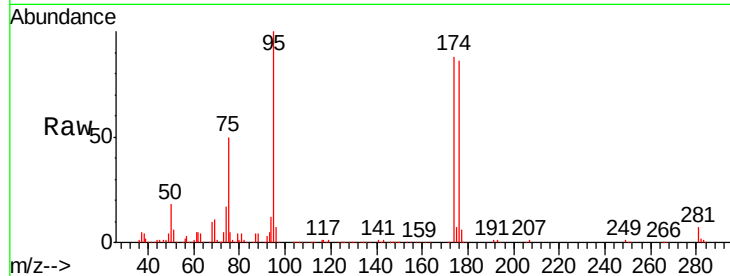




#62
4-Bromofluorobenzene
Concen: 37.35 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

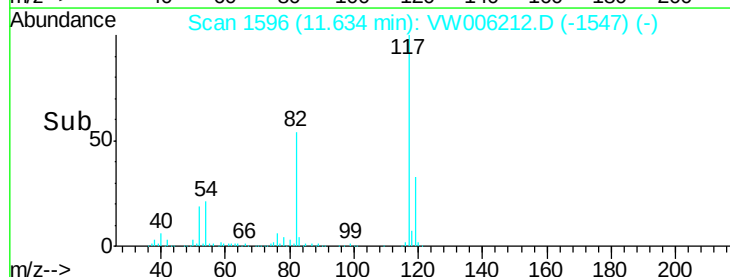
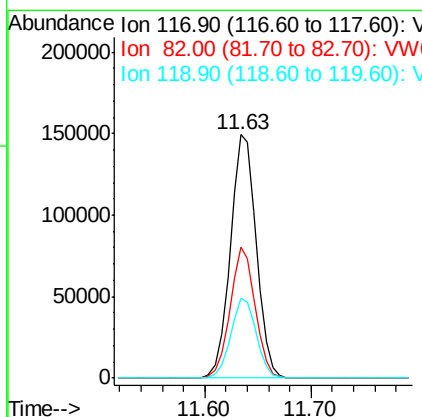
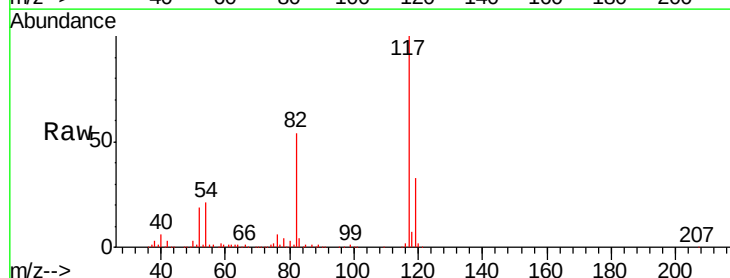
Instrument :
MSVOA_W
ClientSampleId :
PL-03-101718-ARE

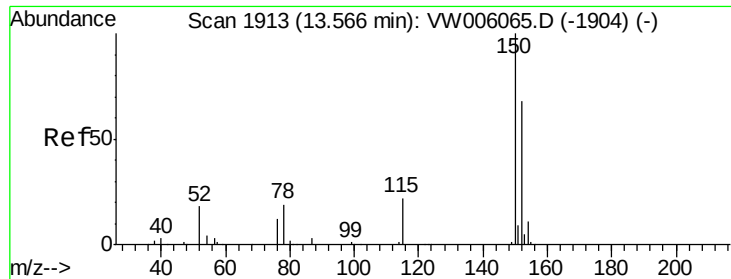
Tgt Ion: 95 Resp: 99504
Ion Ratio Lower Upper
95 100
174 93.4 0.0 186.0
176 91.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006212.D
Acq: 19 Oct 2018 09:05

Tgt Ion: 117 Resp: 253734
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 32.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006212.D

Acq: 19 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-ARE

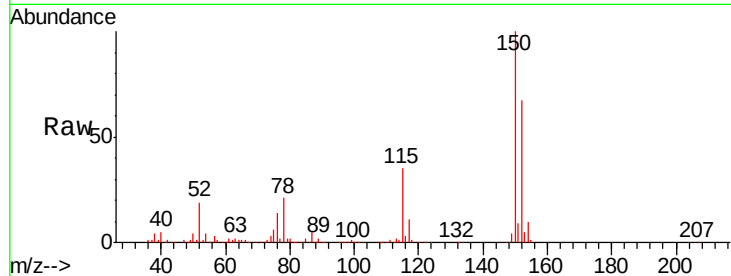
Tgt Ion: 152 Resp: 105850

Ion Ratio Lower Upper

152 100

115 54.1 27.8 83.3

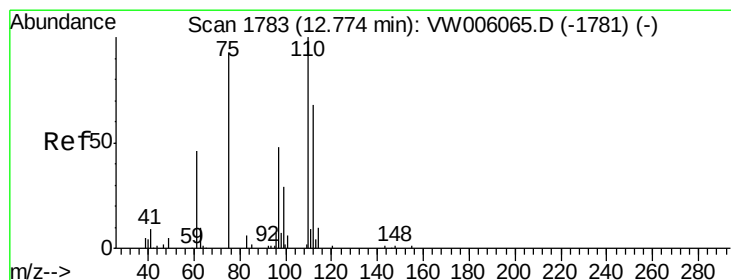
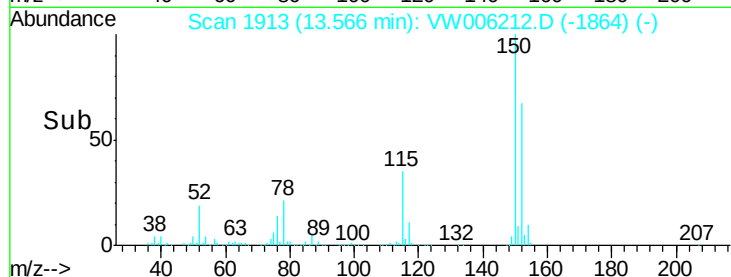
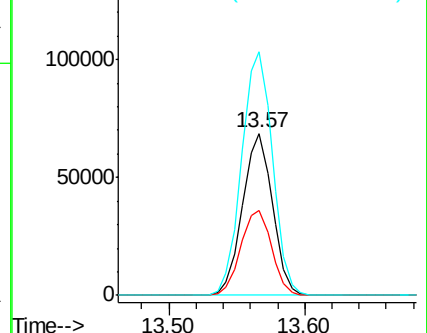
150 154.7 0.0 349.2



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: 61.70 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006212.D

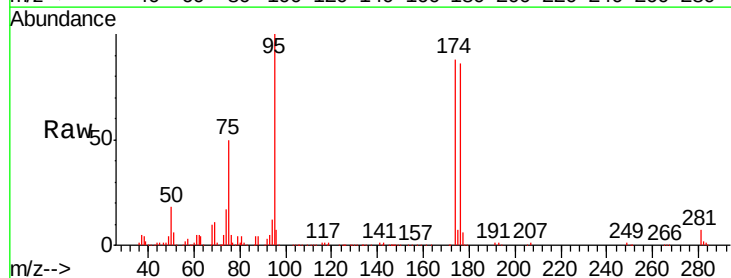
Acq: 19 Oct 2018 09:05

Tgt Ion: 75 Resp: 49880

Ion Ratio Lower Upper

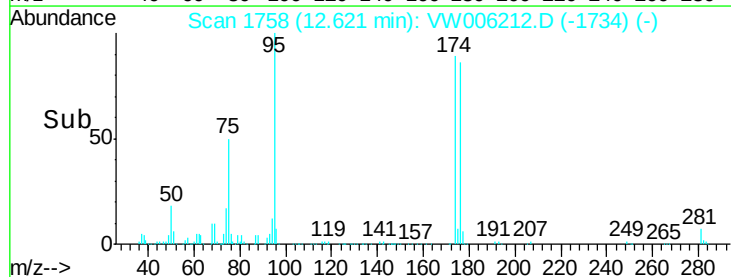
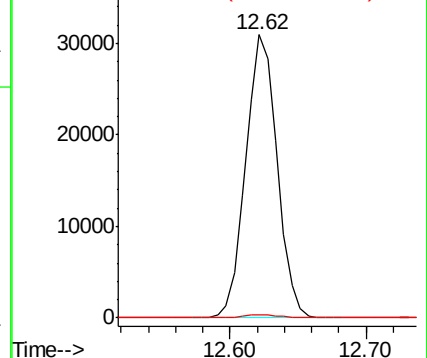
75 100

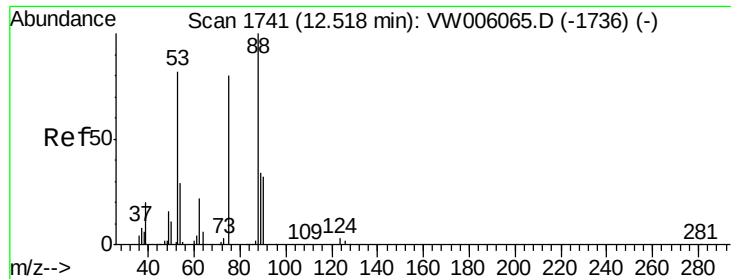
77 1.4 0.0 0.0#



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: 147.48 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006212.D

Acq: 19 Oct 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

PL-03-101718-ARE

Tgt Ion: 75 Resp: 49880

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 37.5 56.3#

