

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006482.D
 Acq On : 30 Oct 2018 05:19
 Operator : SY/AP
 Sample : J5205-05RE
 Misc : 6.17G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-102518

Quant Time: Oct 30 07:39:24 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	213848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106101	59.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.70%	
35) Dibromofluoromethane	7.89	113	107252	57.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.84%	
50) Toluene-d8	10.33	98	333732	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.62	95	111084	41.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.96%	

Target Compounds

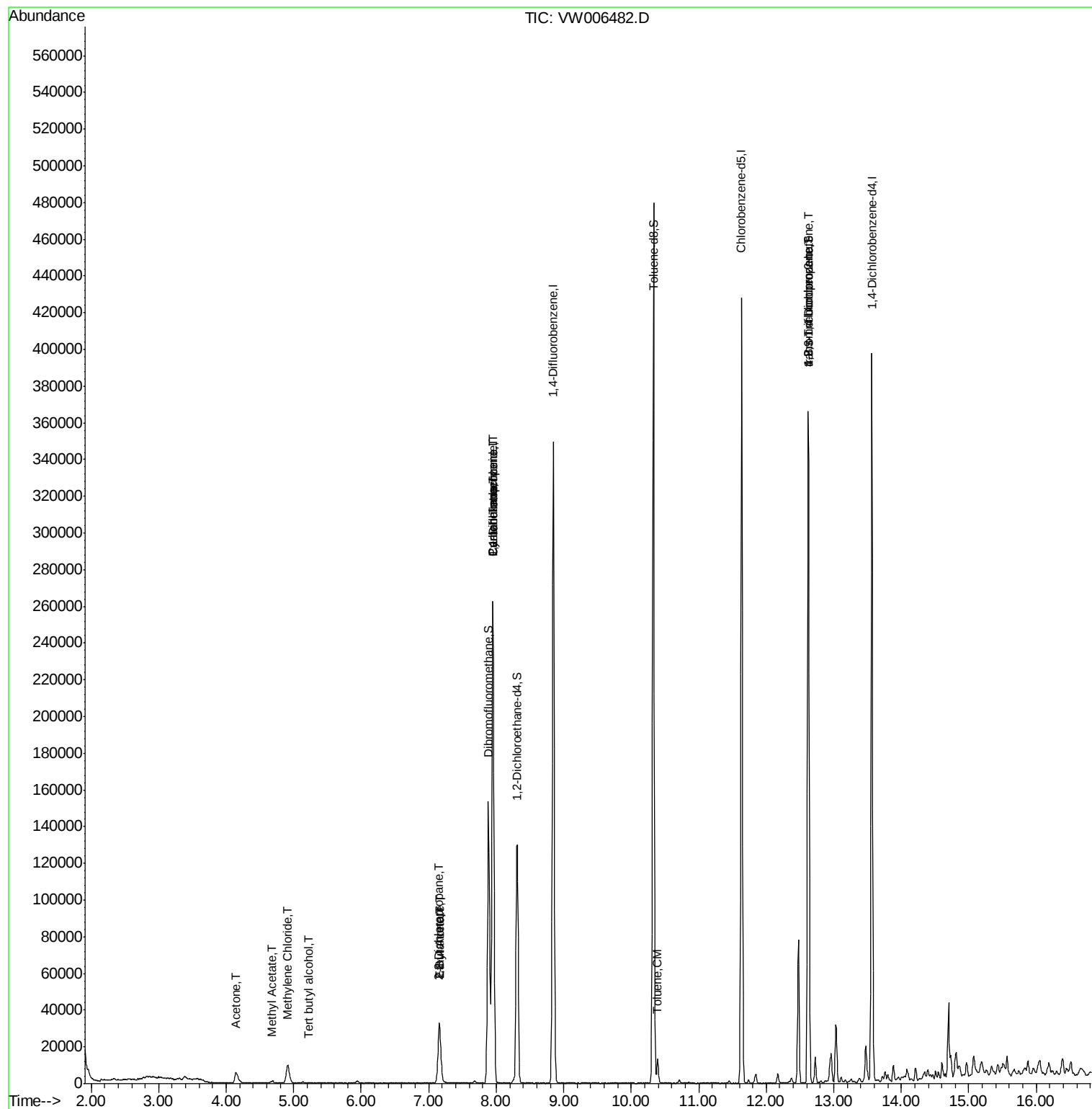
						Qvalue
11) Tert butyl alcohol	5.23	59	139	1.166	ug/l #	71
16) Acetone	4.15	43	12567	24.425	ug/l	99
18) Methyl Acetate	4.68	43	2127	2.384	ug/l	99
20) Methylene Chloride	4.91	84	8595	3.053	ug/l	94
25) 2-Butanone	7.16	43	2389	4.988	ug/l #	46
26) 2,2-Dichloropropane	7.15	77	2315	1.008	ug/l #	51
31) Cyclohexane	7.95	56	3947	1.217	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	13287	4.600	ug/l #	48
37) Ethyl Acetate	7.16	43	2389	2.226	ug/l #	17
38) Carbon Tetrachloride	7.95	117	18596	5.873	ug/l #	16
52) Toluene	10.39	92	5500	1.035	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	55391	64.490	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55391	154.156	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampled :

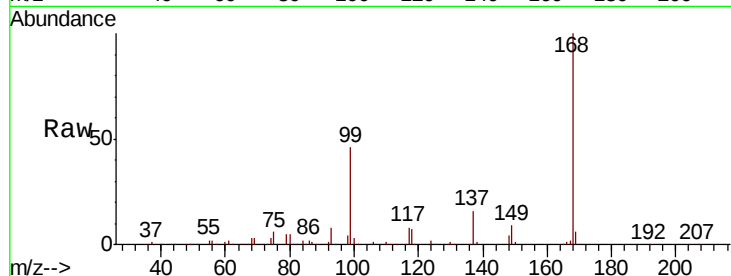
TR-05-102518

Tot Ion:168 Resp: 213848

Ion Ratio Lower Upper

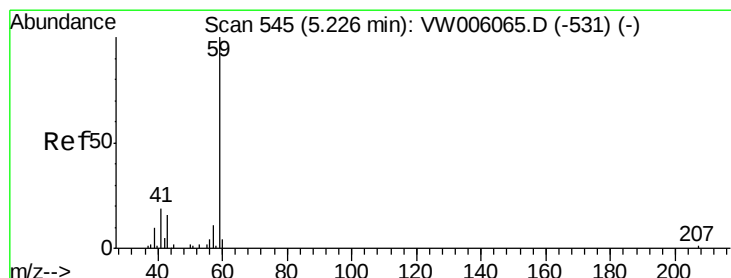
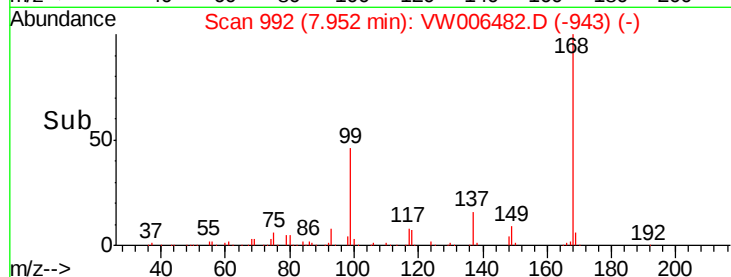
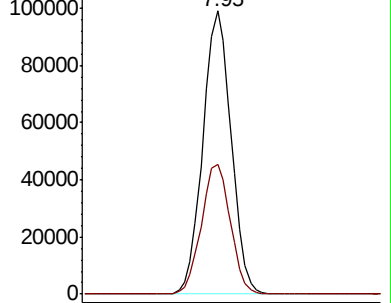
168 100

99 46.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.166 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006482.D

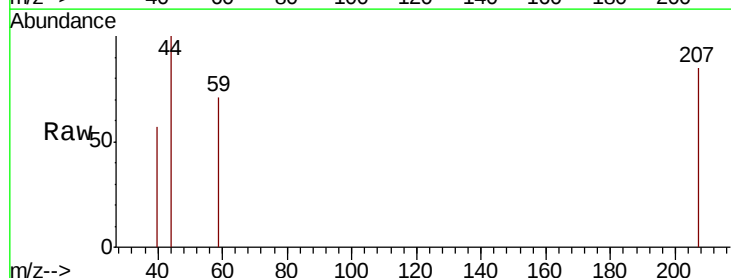
Acq: 30 Oct 2018 05:19

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

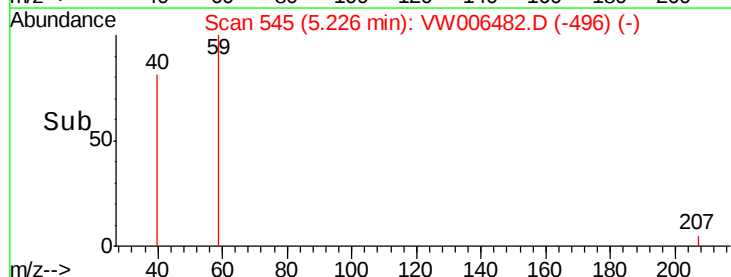
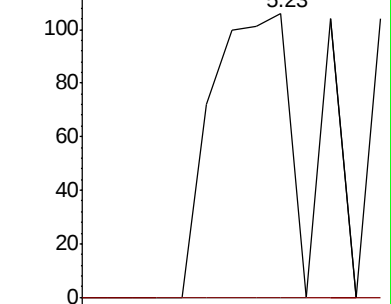
59 100

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





#16

Acetone

Concen: 24.425 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

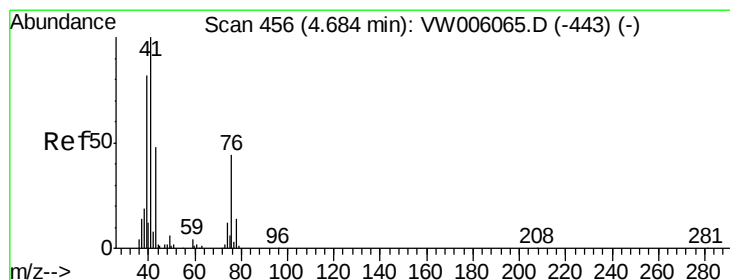
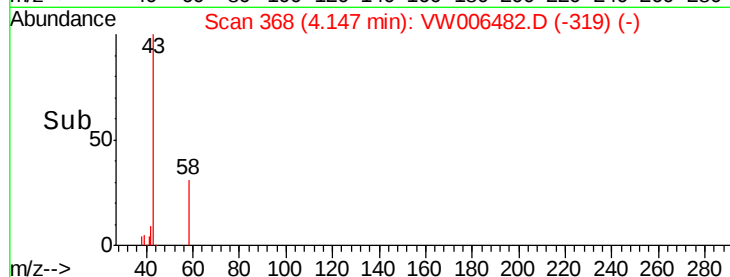
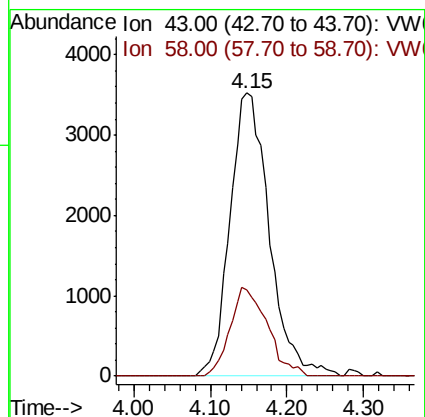
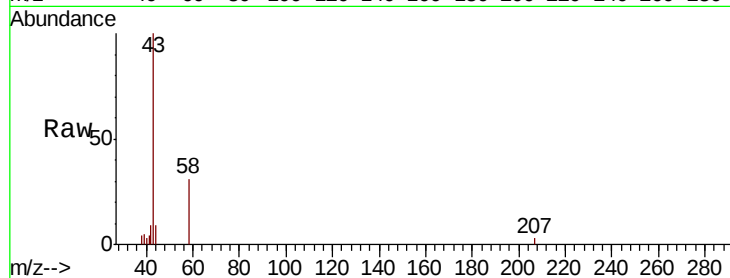
TR-05-102518

Tot Ion: 43 Resp: 12567

Ion Ratio Lower Upper

43 100

58 30.5 24.0 36.0



#18

Methyl Acetate

Concen: 2.384 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006482.D

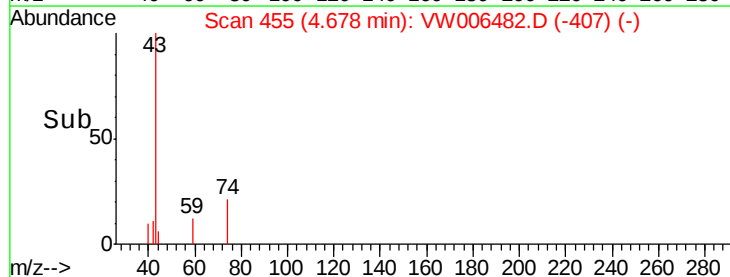
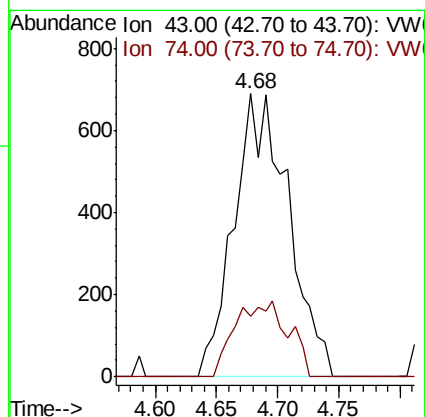
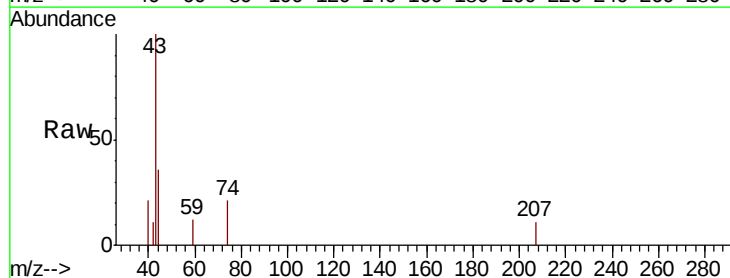
Acq: 30 Oct 2018 05:19

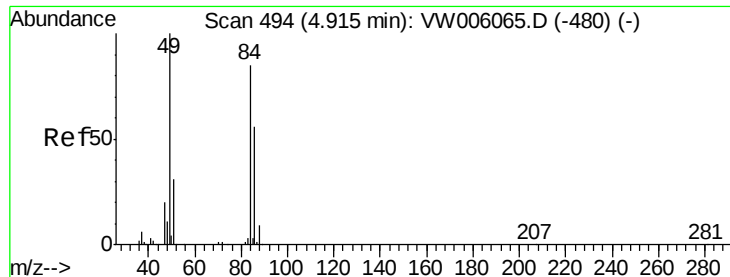
Tgt Ion: 43 Resp: 2127

Ion Ratio Lower Upper

43 100

74 26.0 20.5 30.7

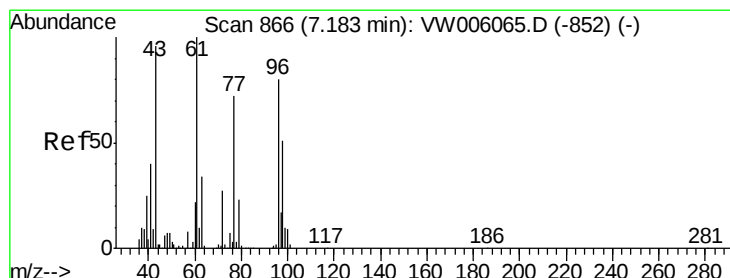
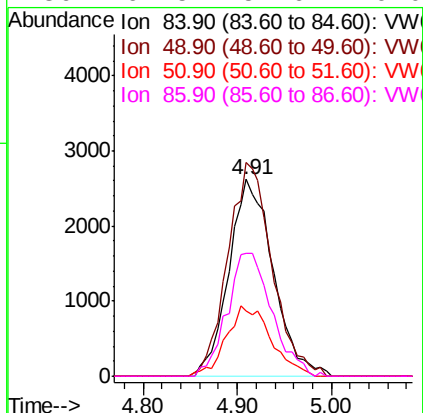
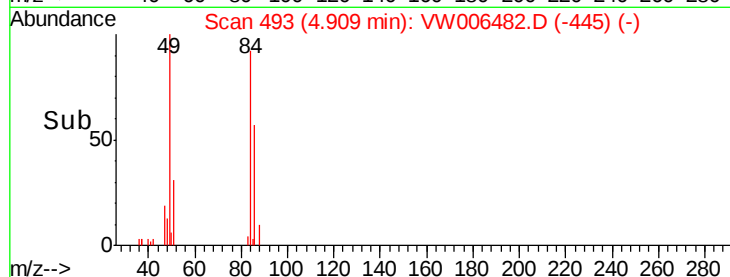
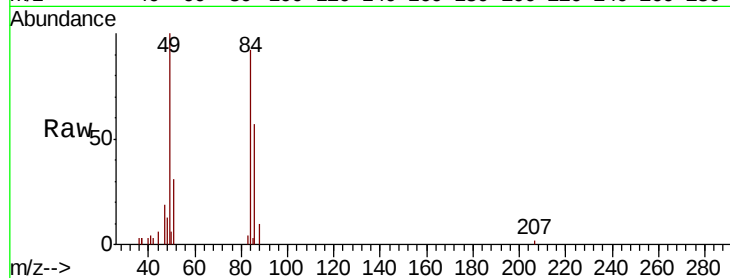




#20
Methvlene Chloride
Concen: 3.053 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006482.D
Acq: 30 Oct 2018 05:19

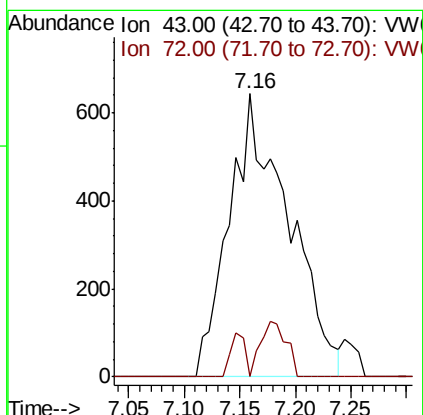
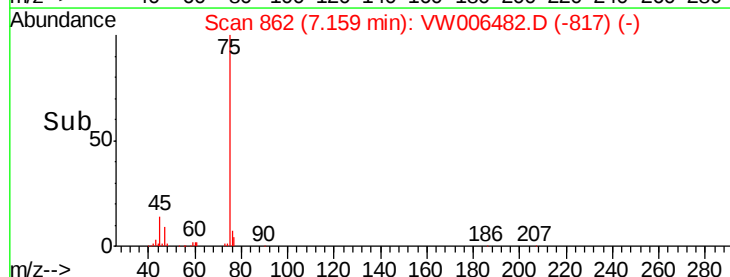
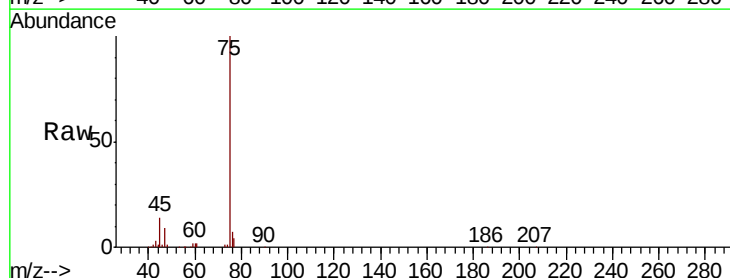
Instrument :
MSVOA_W
ClientSampled :
TR-05-102518

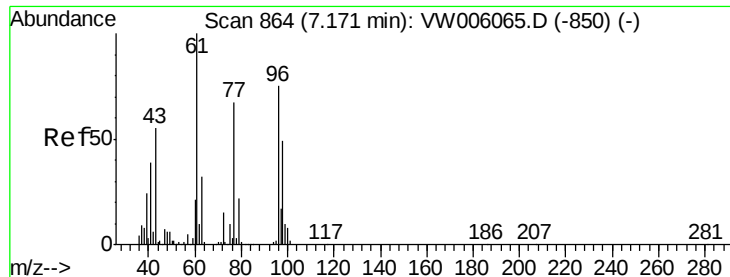
Tot Ion:	84	Resp:	8595
Ion	Ratio	Lower	Upper
84	100		
49	108.6	93.6	140.4
51	33.5	29.0	43.4
86	62.5	52.6	79.0



#25
2-Butanone
Concen: 4.988 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006482.D
Acq: 30 Oct 2018 05:19

Tgt Ion:	43	Resp:	2389
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#26

2,2-Dichloropropane

Concen: 1.008 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

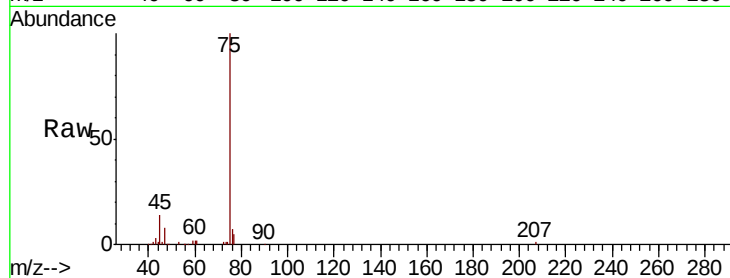
TR-05-102518

Tot Ion: 77 Resp: 2315

Ion Ratio Lower Upper

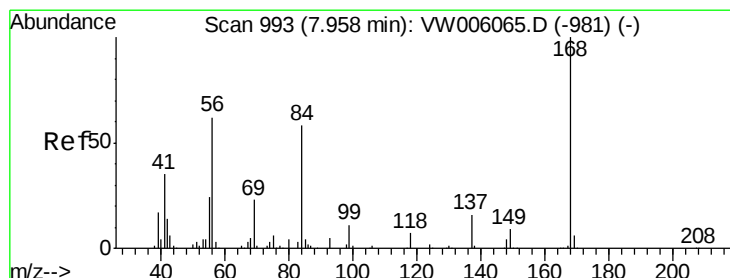
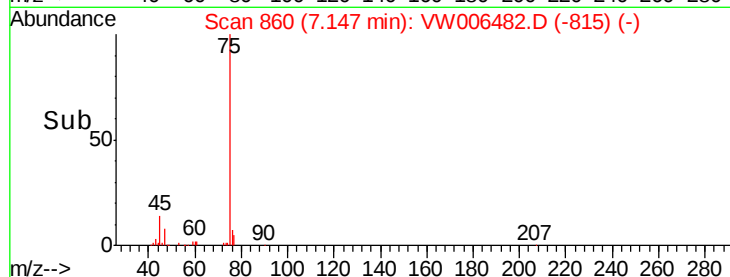
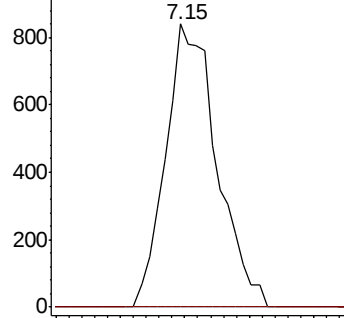
77 100

97 0.0 12.2 36.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

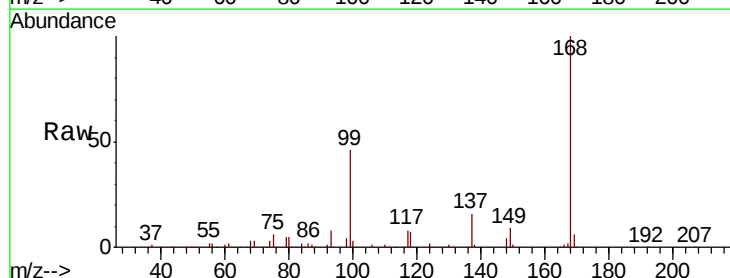
Tgt Ion: 56 Resp: 3947

Ion Ratio Lower Upper

56 100

69 147.2 29.4 44.0#

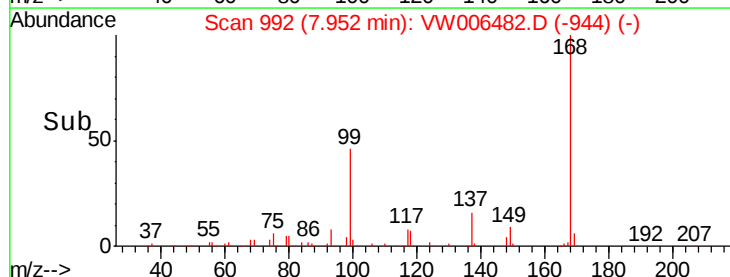
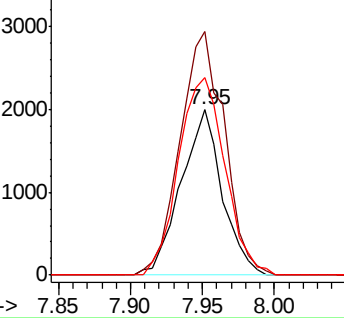
84 125.0 74.0 111.0#

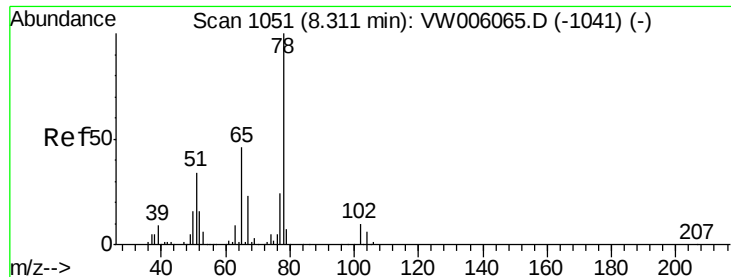


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 59.845 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

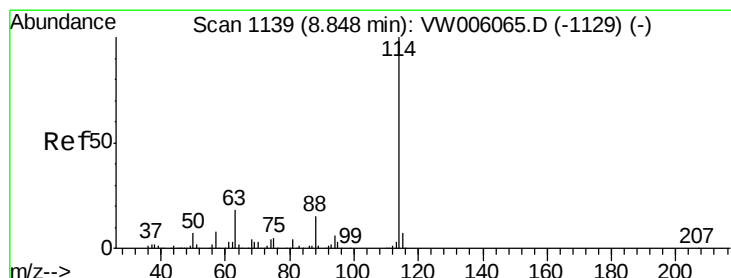
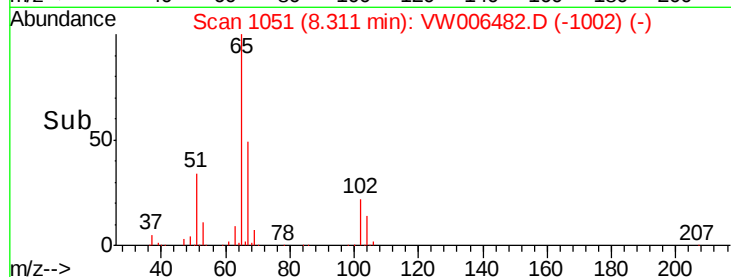
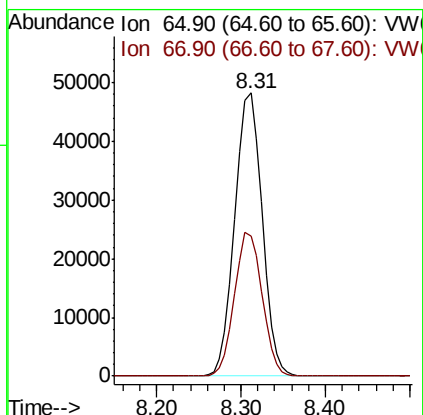
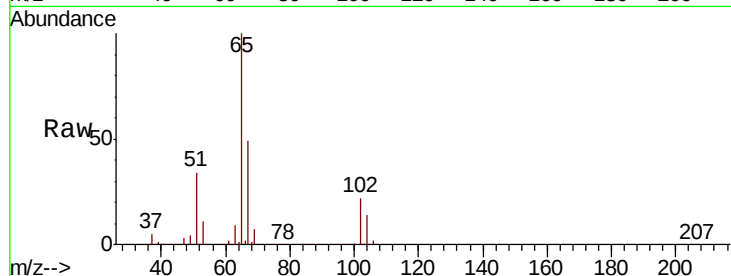
TR-05-102518

Tot Ion: 65 Resp: 106101

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

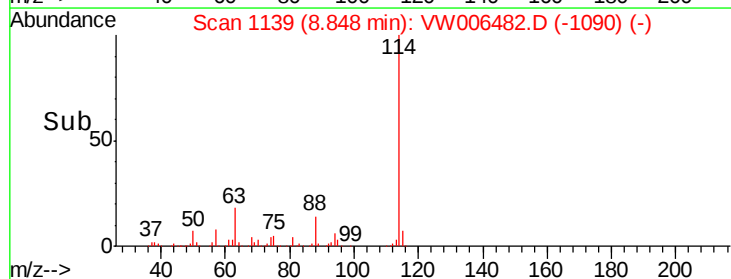
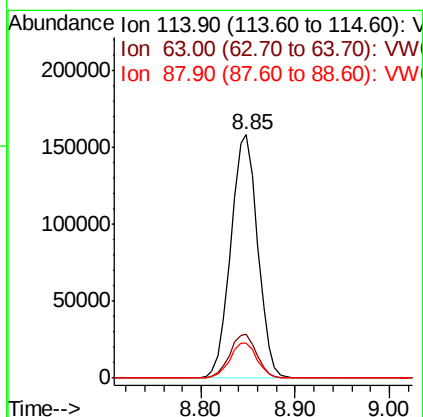
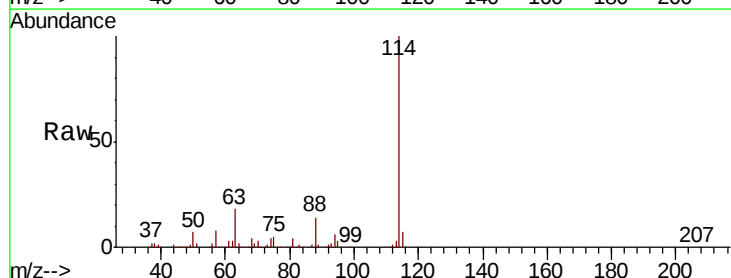
Tgt Ion: 114 Resp: 313359

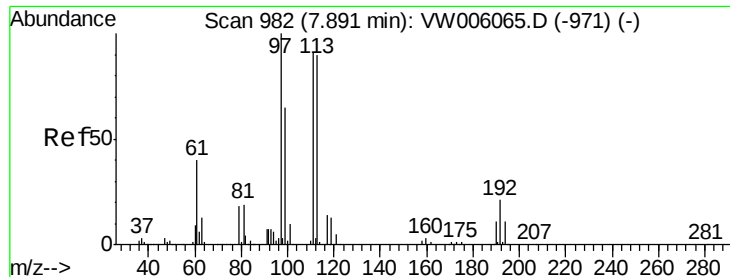
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.2 0.0 29.0

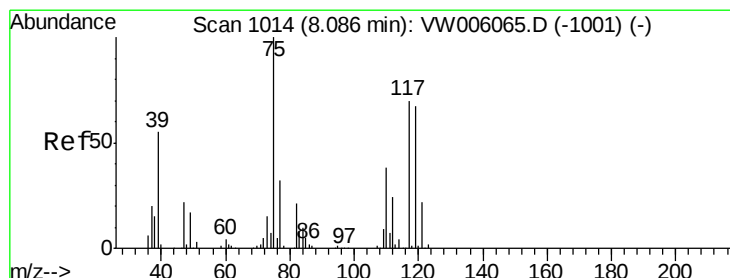
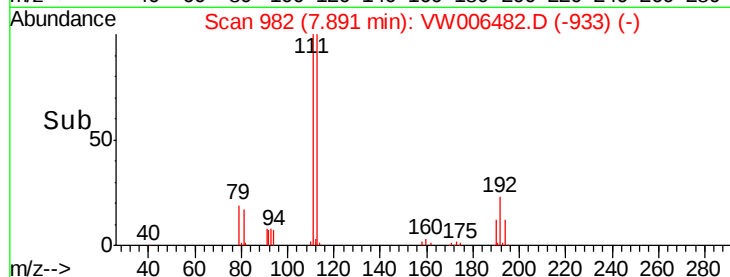
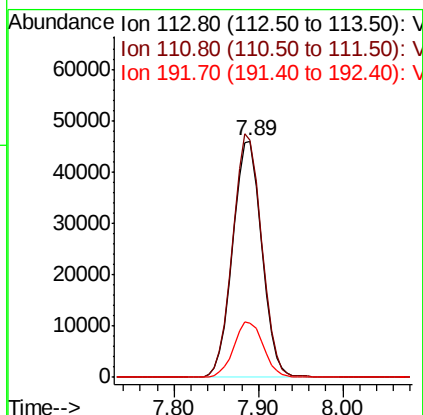
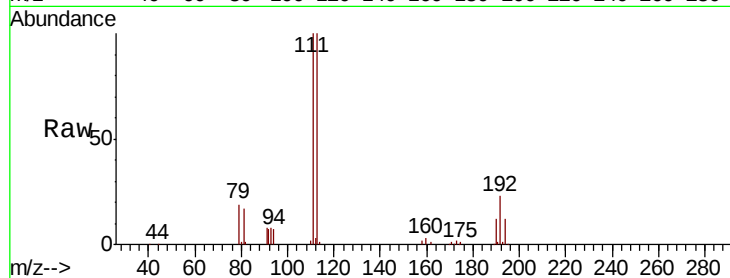




#35
 Dibromofluoromethane
 Concen: 57.923 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006482.D
 Acq: 30 Oct 2018 05:19

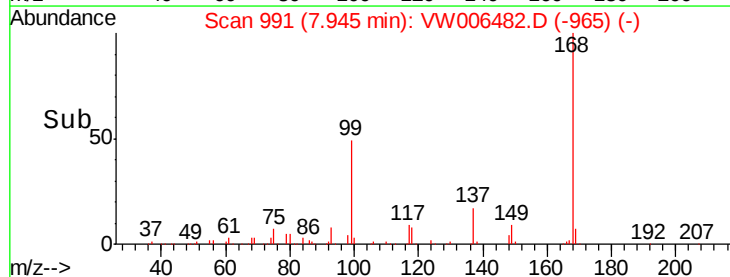
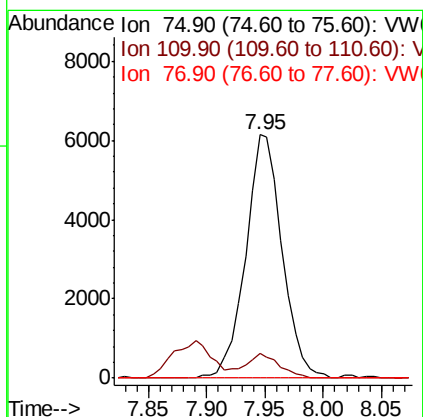
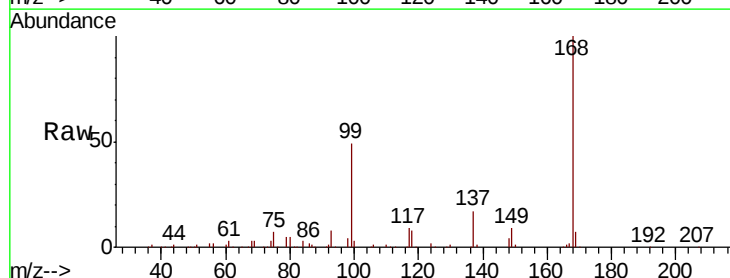
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-102518

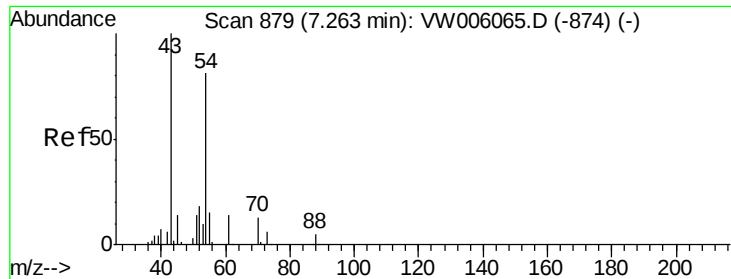
Tot Ion:113 Resp: 107252
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 23.7 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006482.D
 Acq: 30 Oct 2018 05:19

Tgt Ion: 75 Resp: 13287
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.1#
 77 0.0 25.0 37.4#

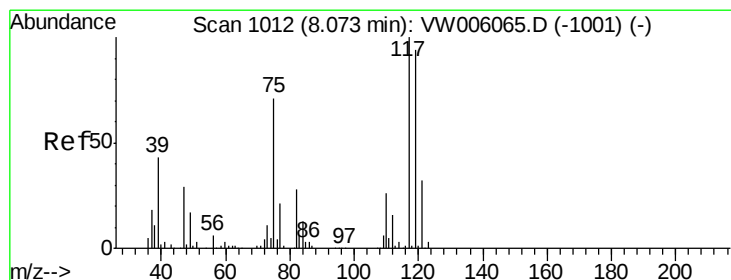
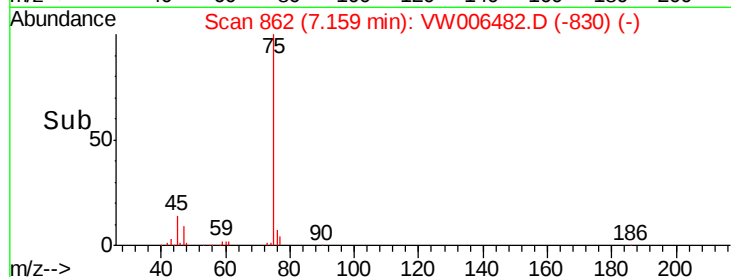
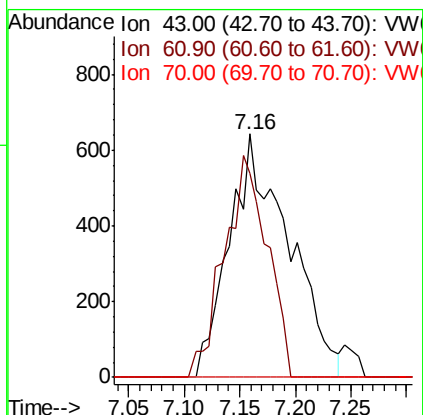
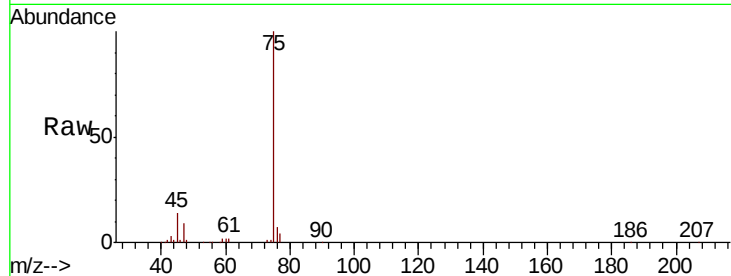




#37
Ethyl Acetate
Concen: 2.226 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.10 min
Lab File: VW006482.D
Acq: 30 Oct 2018 05:19

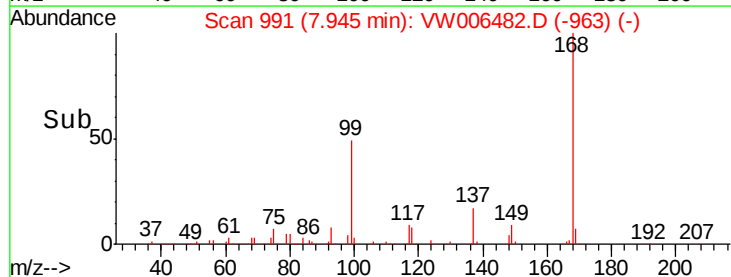
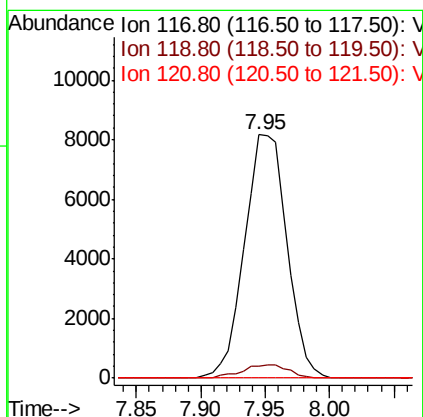
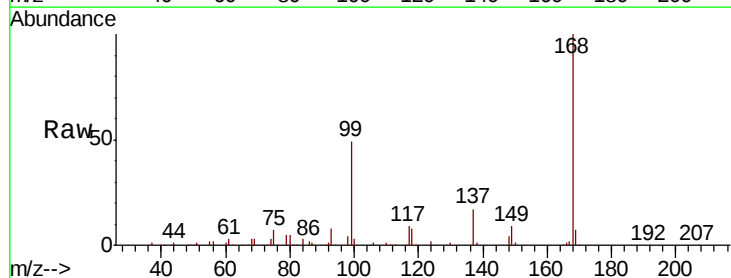
Instrument :
MSVOA_W
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TR-05-102518

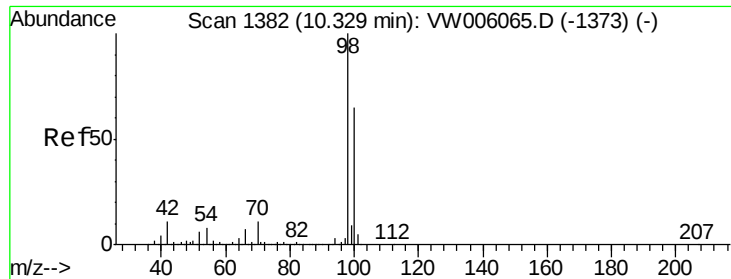
Tot Ion: 43 Resp: 2389
Ion Ratio Lower Upper
43 100
61 65.8 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006482.D
Acq: 30 Oct 2018 05:19

Tgt Ion: 117 Resp: 18596
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.375 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

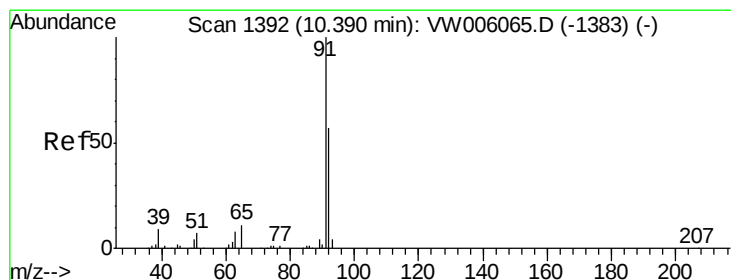
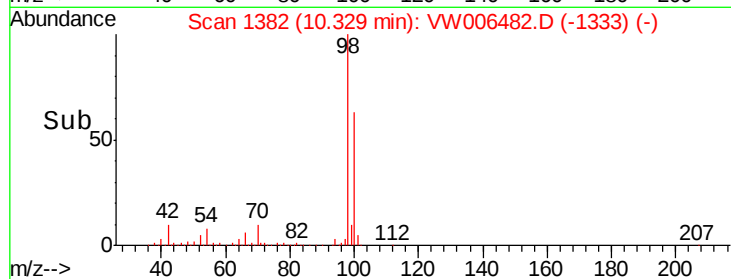
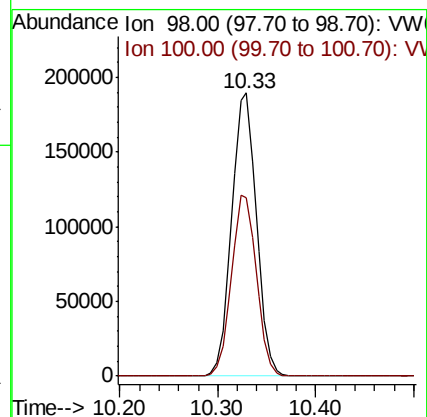
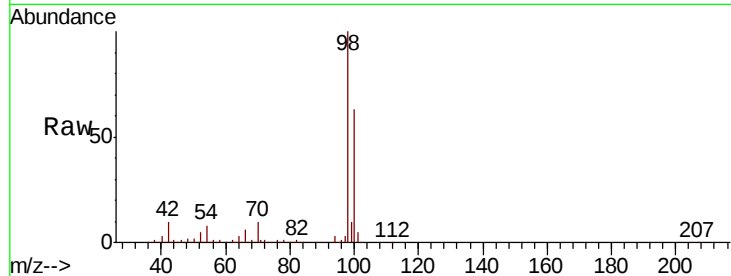
TR-05-102518

Tot Ion: 98 Resp: 333732

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#52

Toluene

Concen: 1.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006482.D

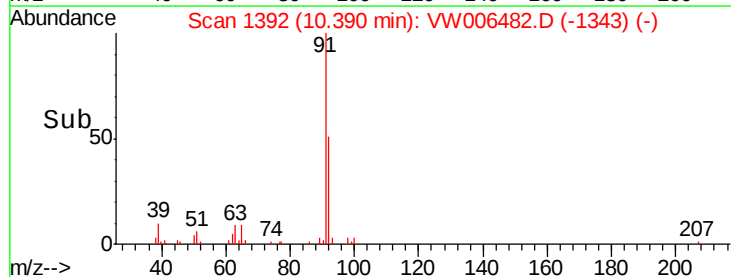
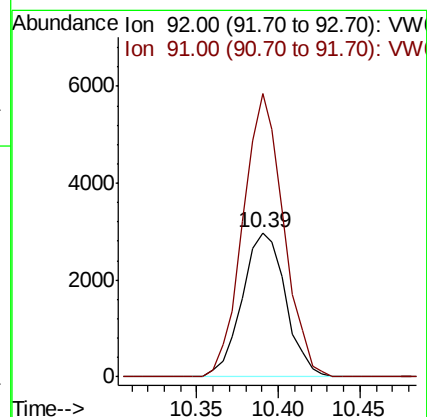
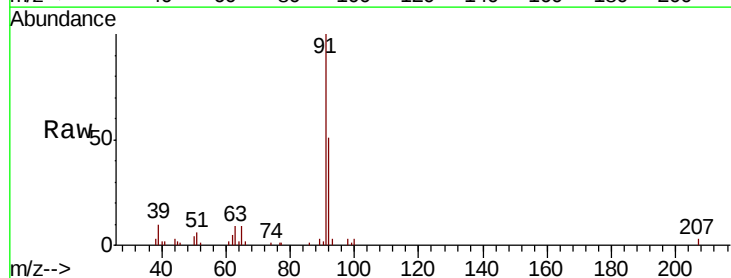
Acq: 30 Oct 2018 05:19

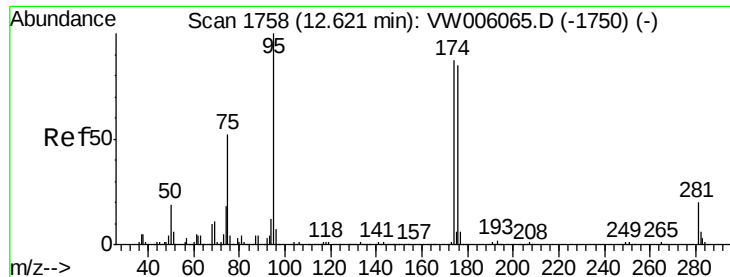
Tgt Ion: 92 Resp: 5500

Ion Ratio Lower Upper

92 100

91 184.1 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 41.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

TR-05-102518

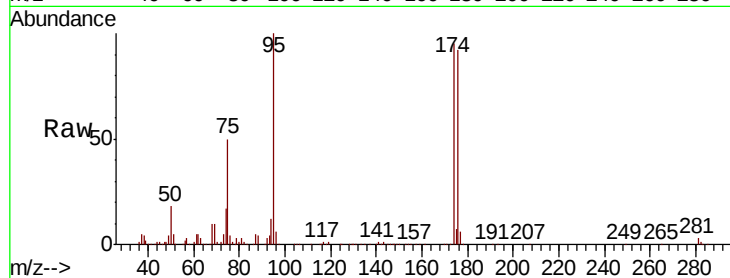
Tot Ion: 95 Resp: 111084

Ion Ratio Lower Upper

95 100

174 99.7 0.0 186.0

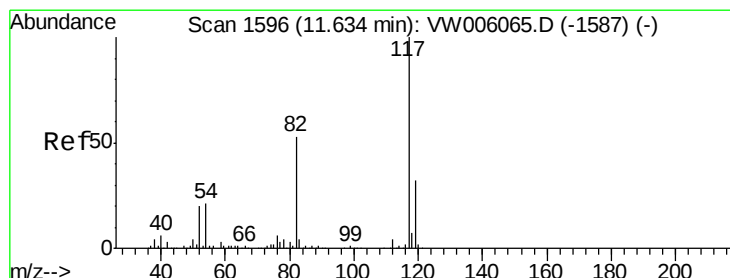
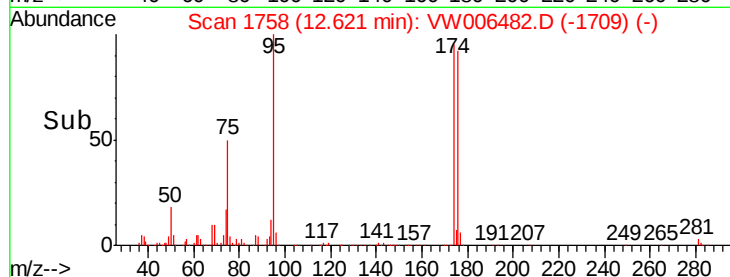
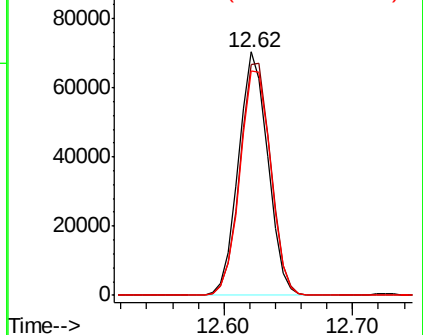
176 96.7 0.0 181.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

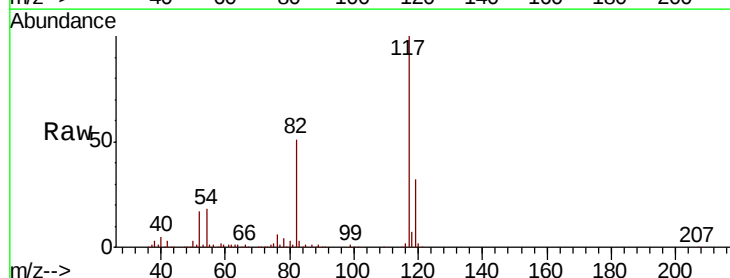
Tgt Ion: 117 Resp: 255130

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

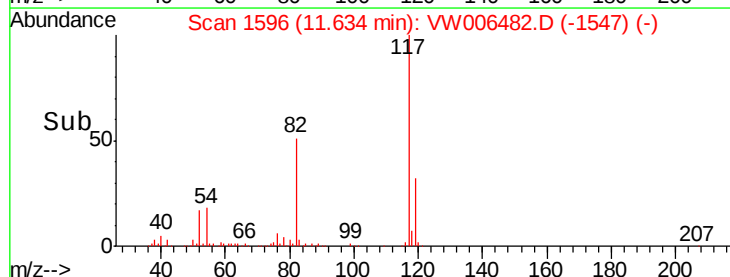
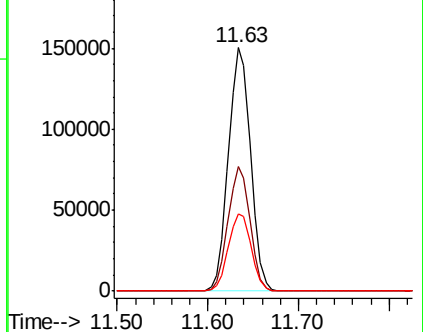
119 31.7 25.8 38.6

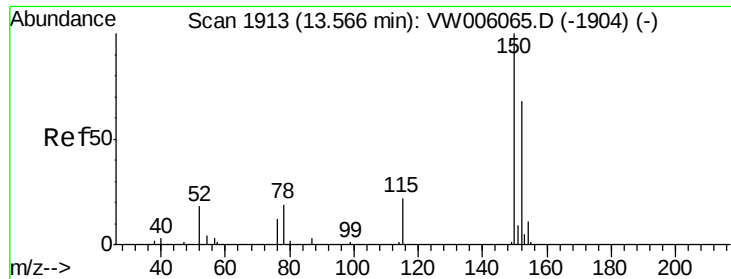


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

TR-05-102518

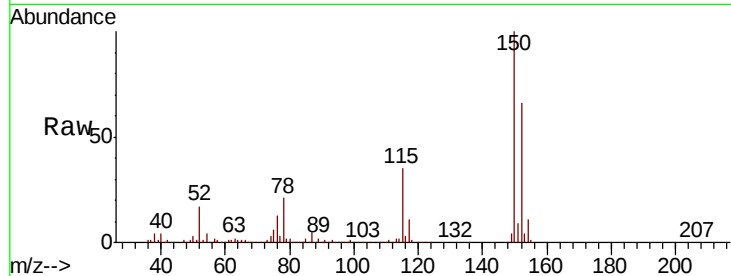
Tot Ion:152 Resp: 112452

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.3

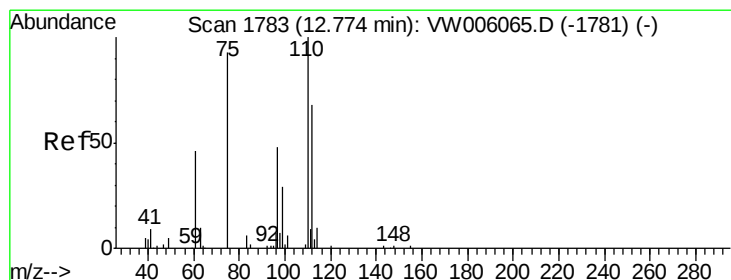
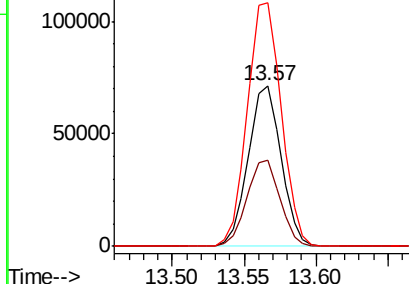
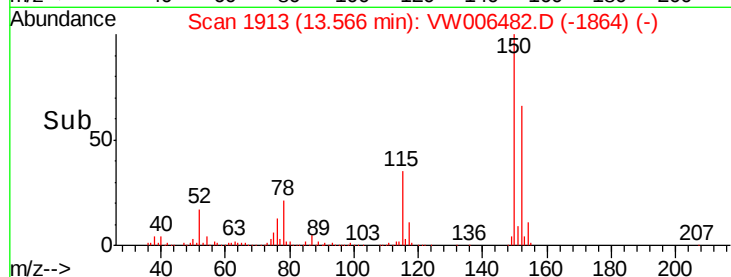
150 157.0 0.0 349.2



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: 64.490 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006482.D

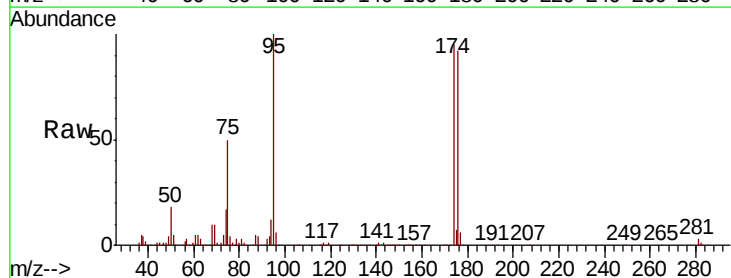
Acq: 30 Oct 2018 05:19

Tgt Ion: 75 Resp: 55391

Ion Ratio Lower Upper

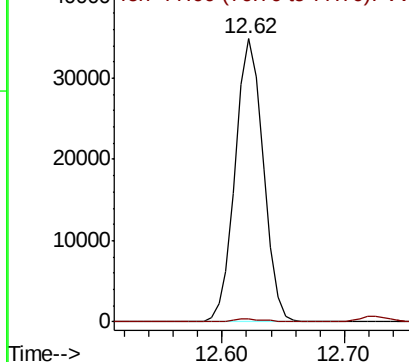
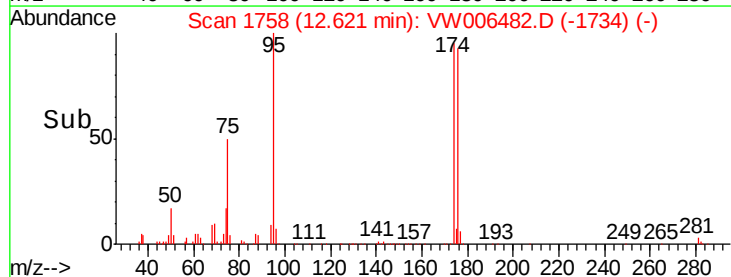
75 100

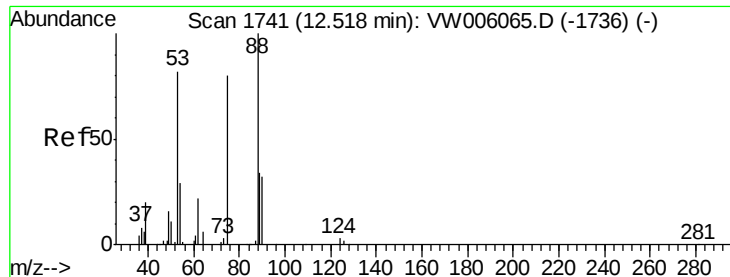
77 1.2 0.0 0.0#



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: 154.156 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006482.D

Acq: 30 Oct 2018 05:19

Instrument :

MSVOA_W

ClientSampleId :

TR-05-102518

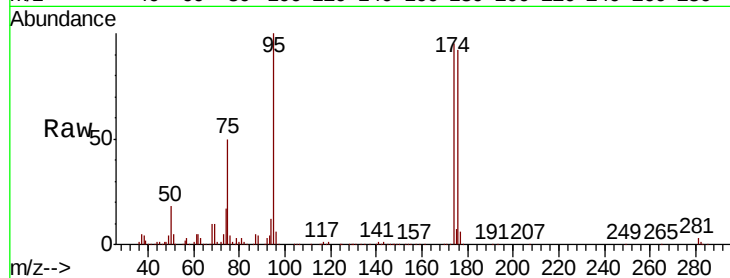
Tot Ion: 75 Resp: 55391

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

