

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006513.D
 Acq On : 30 Oct 2018 20:10
 Operator : SY/AP
 Sample : J5649-06
 Misc : 4.16G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03A

Quant Time: Oct 31 03:50:47 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	138506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	183383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29810	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	69751	60.74	ug/l	0.00
Spiked Amount			Recovery	=	121.48%	
35) Dibromofluoromethane	7.89	113	70499	65.06	ug/l	0.00
Spiked Amount			Recovery	=	130.12%	
50) Toluene-d8	10.33	98	222201	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	12.62	95	41943	27.09	ug/l	0.00
Spiked Amount			Recovery	=	54.18%	

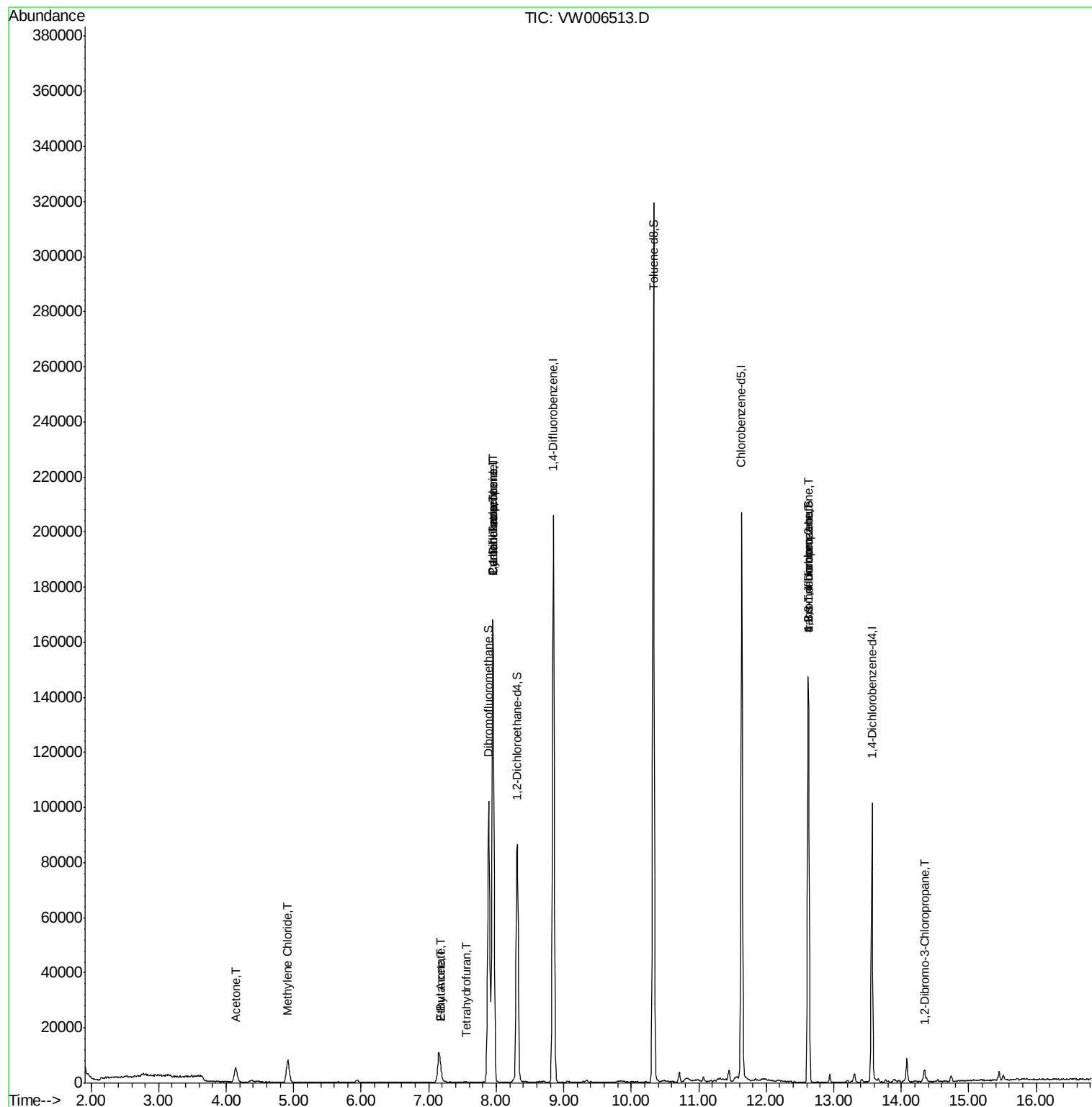
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	10081	34.005	ug/l	97
20) Methylene Chloride	4.92	84	6461	3.814	ug/l	97
25) 2-Butanone	7.18	43	2404	7.750	ug/l	94
29) Tetrahydrofuran	7.56	42	231	1.211	ug/l #	31
31) Cyclohexane	7.95	56	2344	1.116	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	8625	5.103	ug/l #	49
37) Ethyl Acetate	7.18	43	2404	3.828	ug/l #	79
38) Carbon Tetrachloride	7.95	117	12068	6.513	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	21196	93.092	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21196	222.526	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.33	75	269	4.691	ug/l #	1

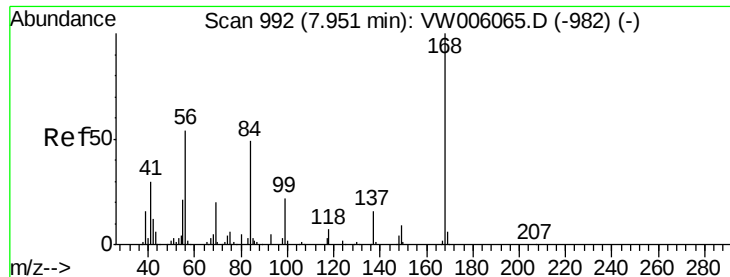
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006513.D
Acq On : 30 Oct 2018 20:10
Operator : SY/AP
Sample : J5649-06
Misc : 4.16G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-03A

Quant Time: Oct 31 03:50:47 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: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampled :

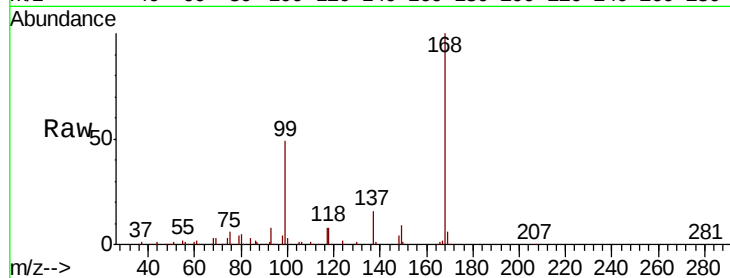
DL-03A

Tot Ion:168 Resp: 138506

Ion Ratio Lower Upper

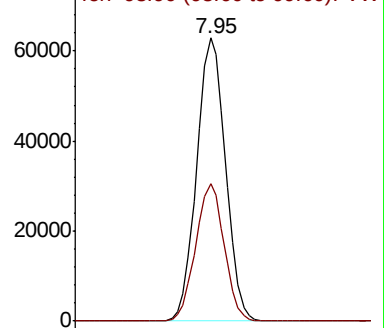
168 100

99 48.7 39.9 59.9

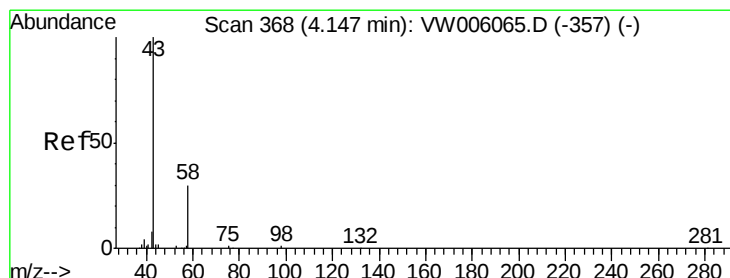
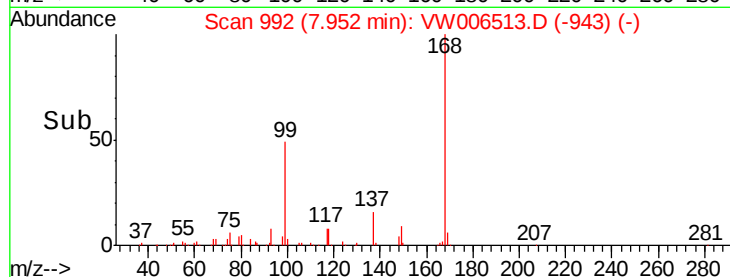


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#16

Acetone

Concen: 34.005 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006513.D

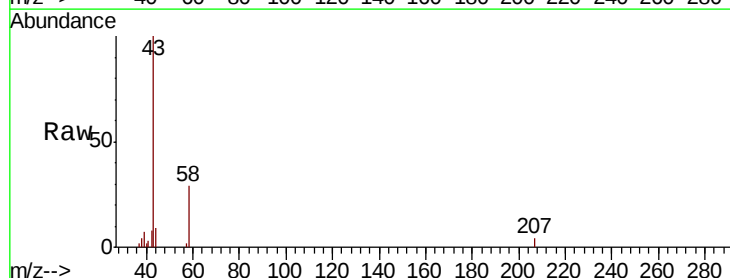
Acq: 30 Oct 2018 20:10

Tgt Ion: 43 Resp: 10081

Ion Ratio Lower Upper

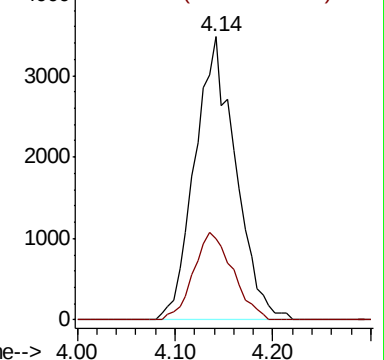
43 100

58 28.6 24.0 36.0

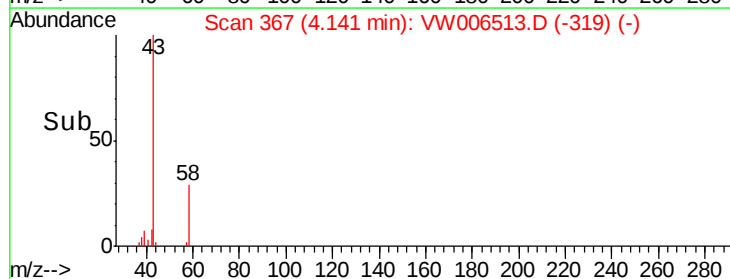


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#20

Methylene Chloride

Concen: 3.814 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

DL-03A

Tot Ion: 84 Resp: 6461

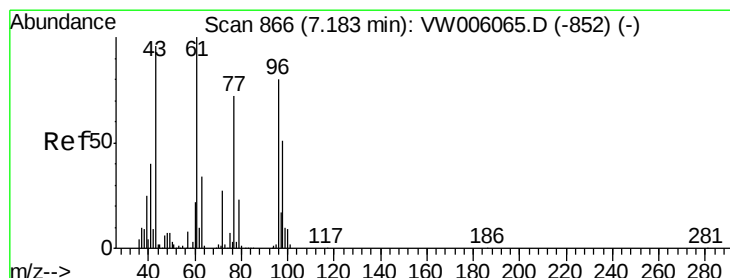
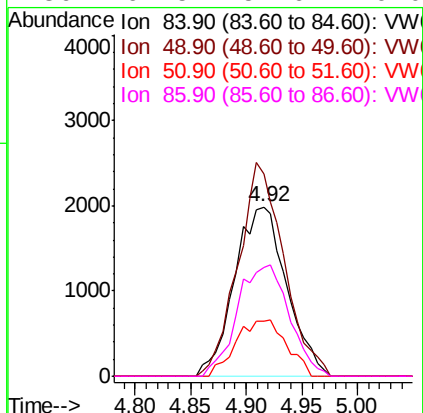
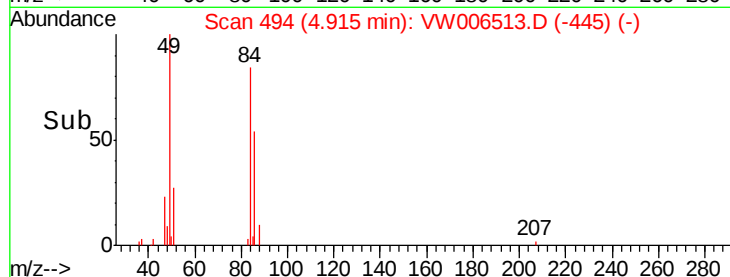
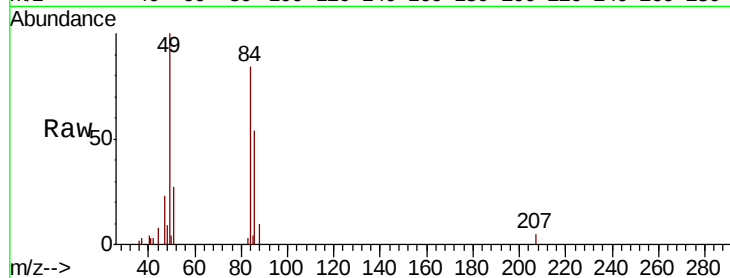
Ion Ratio Lower Upper

84 100

49 119.3 93.6 140.4

51 32.5 29.0 43.4

86 64.5 52.6 79.0



#25

2-Butanone

Concen: 7.750 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006513.D

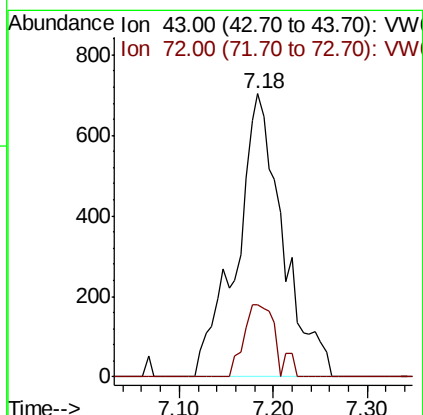
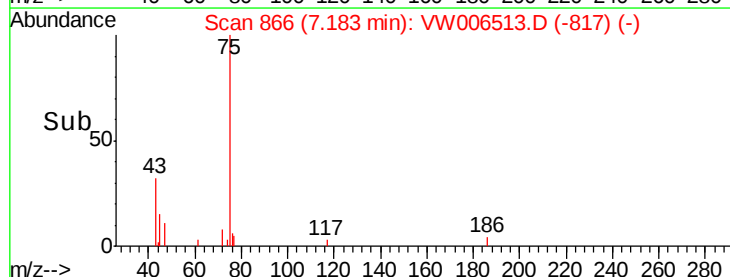
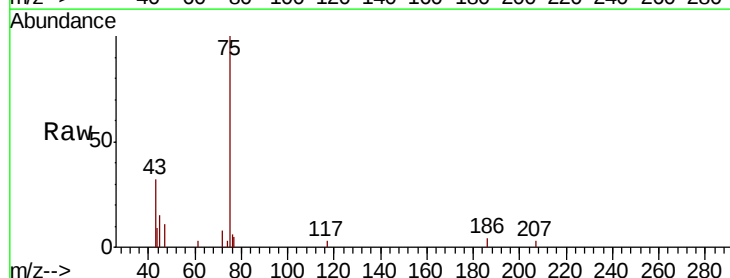
Acq: 30 Oct 2018 20:10

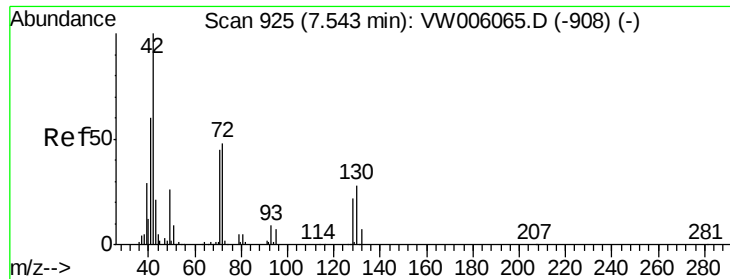
Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

72 25.5 22.8 34.2

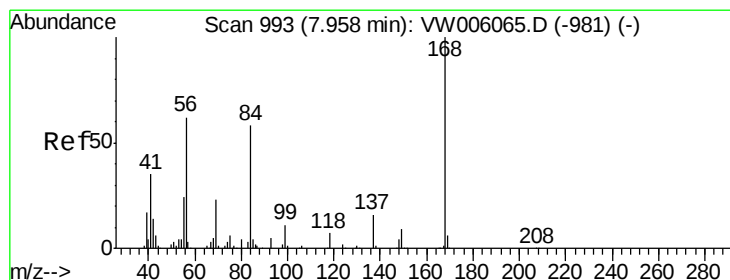
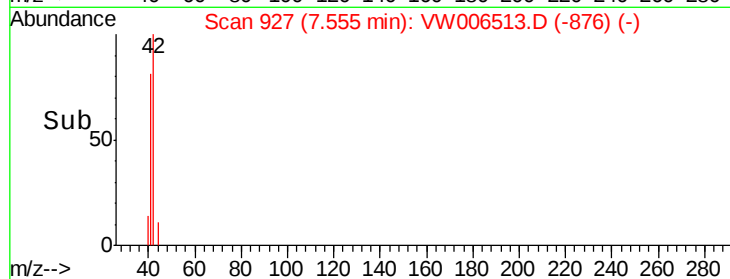
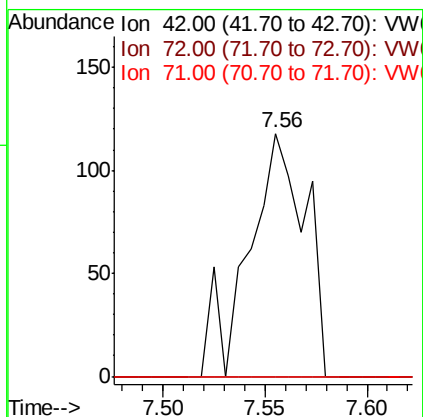
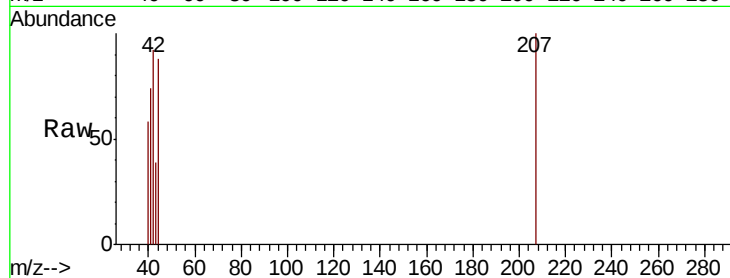




#29
Tetrahydrofuran
Concen: 1.211 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.01 min
Lab File: VW006513.D
Acq: 30 Oct 2018 20:10

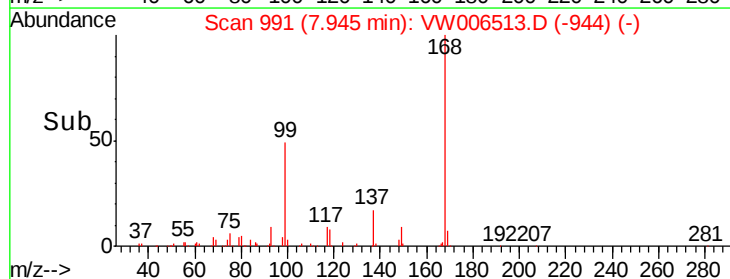
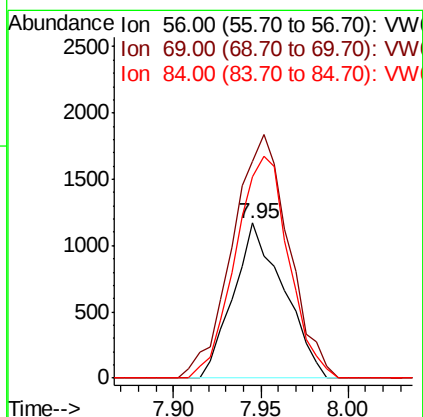
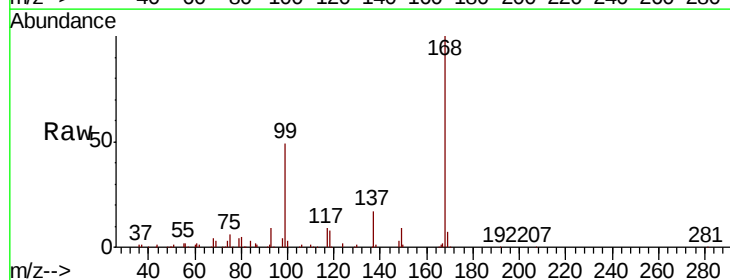
Instrument :
MSVOA_W
ClientSampleId :
DL-03A

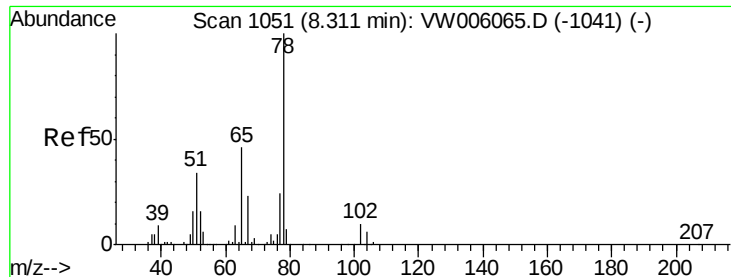
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.0	57.0#
71	0.0	35.3	52.9#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006513.D
Acq: 30 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
56	100		
69	139.8	29.4	44.0#
84	130.0	74.0	111.0#

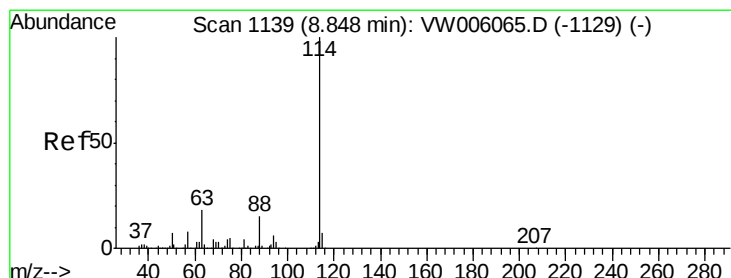
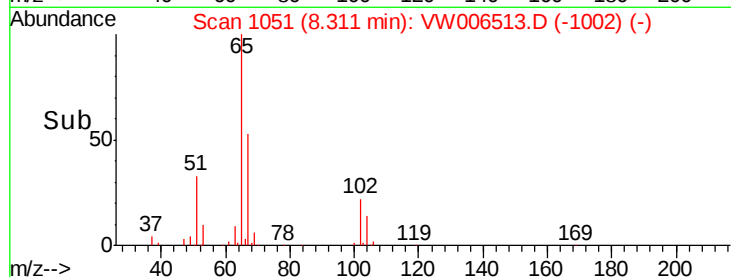
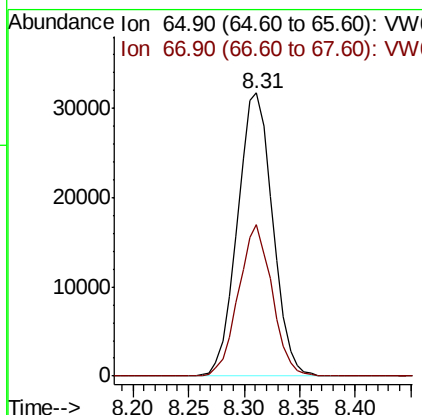
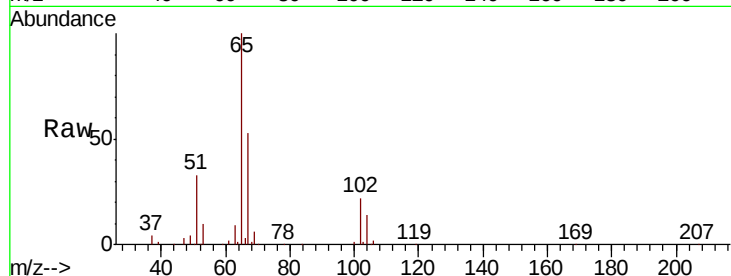




#33
 1,2-Dichloroethane-d4
 Concen: 60.743 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006513.D
 Acq: 30 Oct 2018 20:10

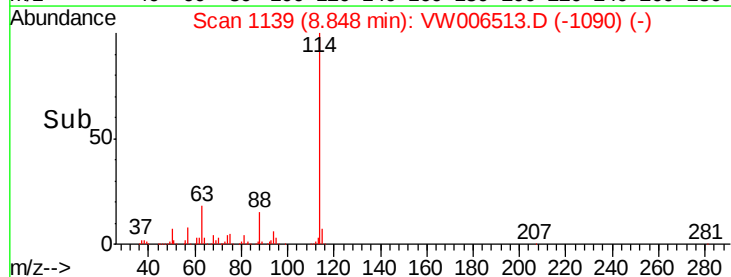
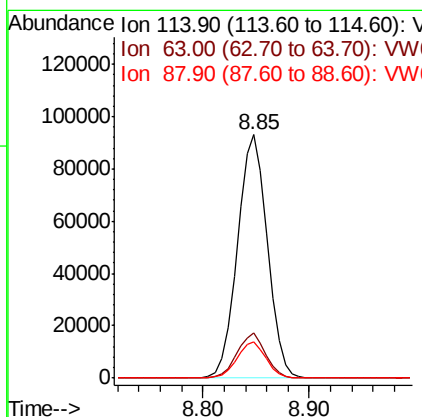
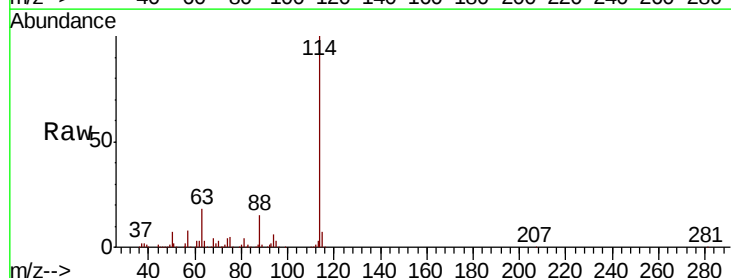
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03A

Tot Ion: 65 Resp: 69751
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VW006513.D
 Acq: 30 Oct 2018 20:10

Tgt Ion: 114 Resp: 183383
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 65.060 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

DL-03A

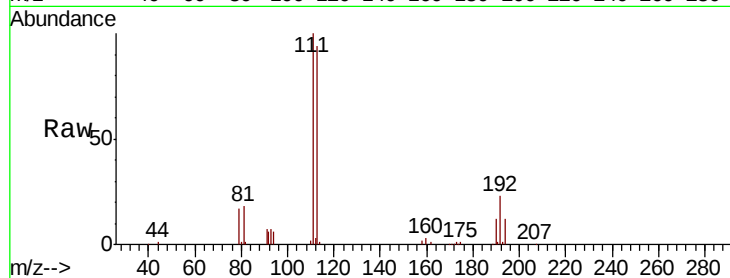
Tot Ion:113 Resp: 70499

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

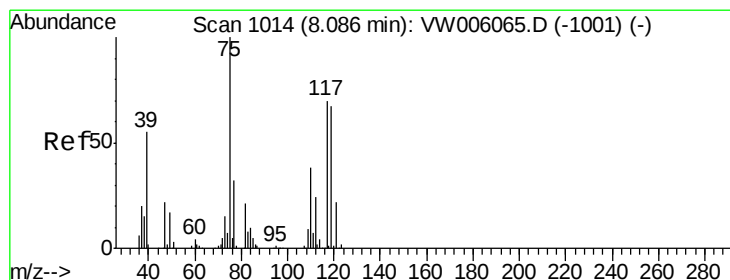
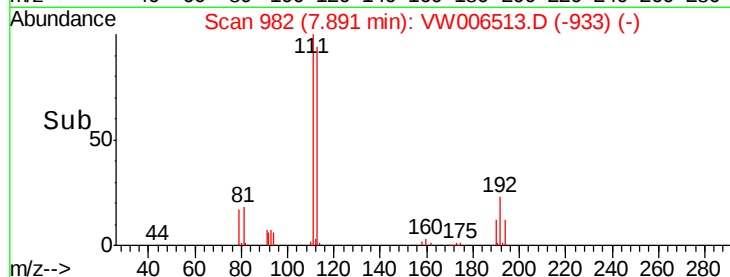
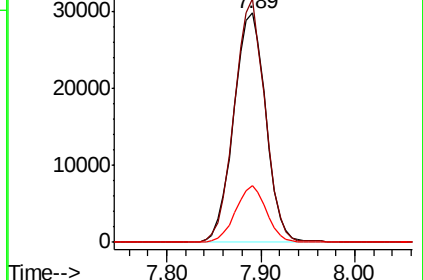
192 23.9 18.7 28.1



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: 5.103 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

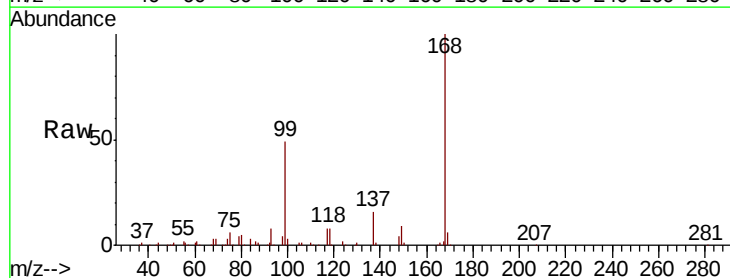
Tgt Ion: 75 Resp: 8625

Ion Ratio Lower Upper

75 100

110 10.1 19.1 57.1#

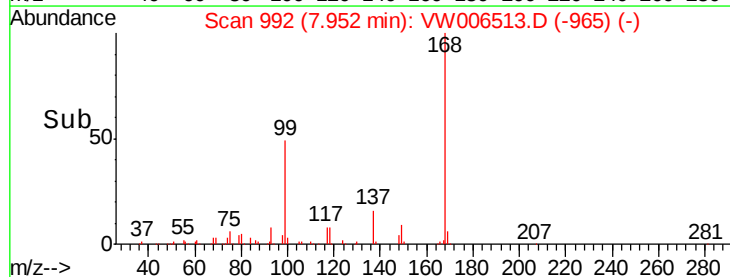
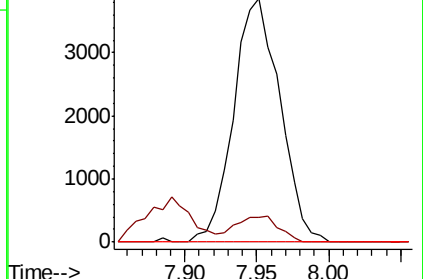
77 0.0 25.0 37.4#

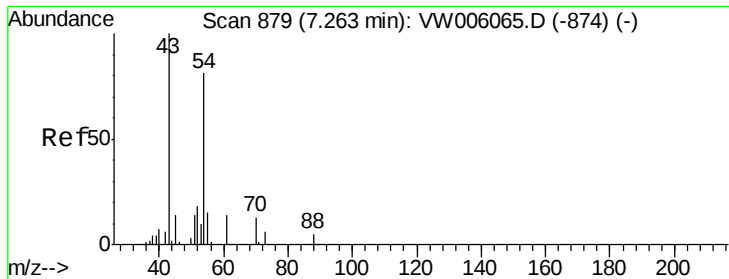


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

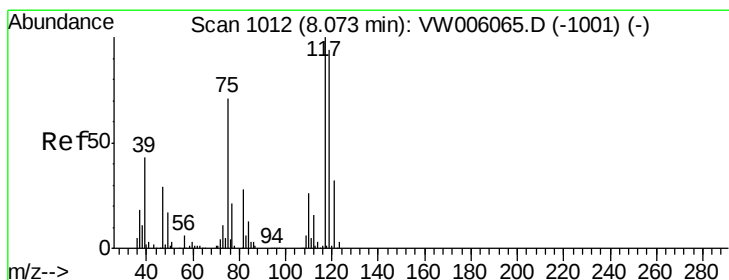
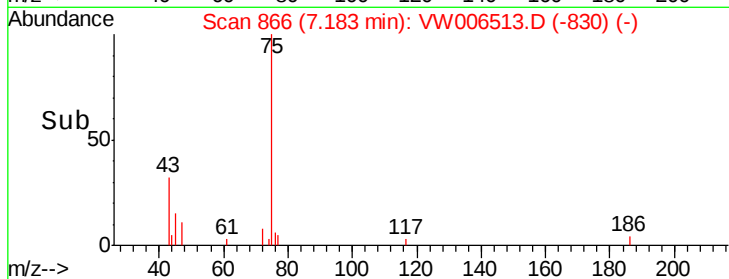
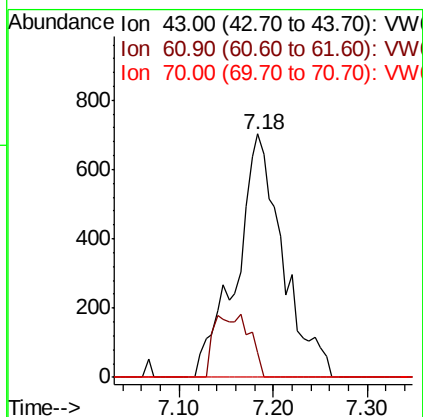
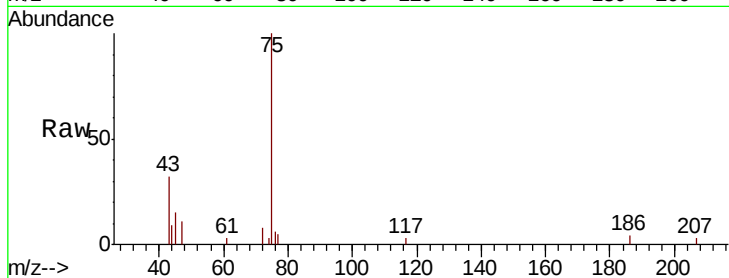




#37
Ethyl Acetate
Concen: 3.828 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.08 min
Lab File: VW006513.D
Acq: 30 Oct 2018 20:10

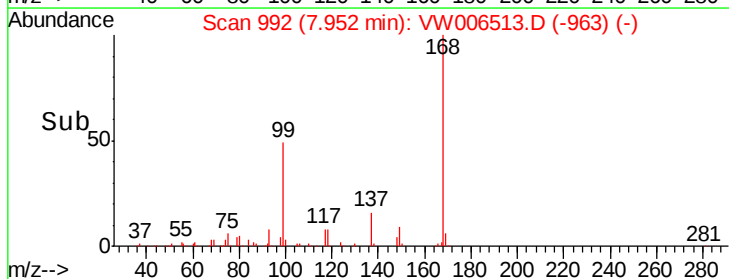
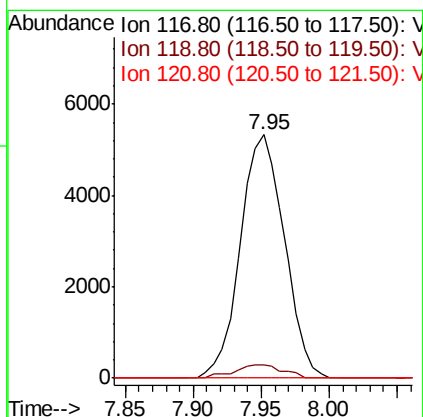
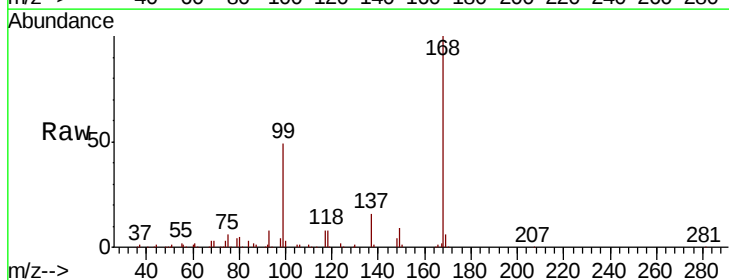
Instrument :
MSVOA_W
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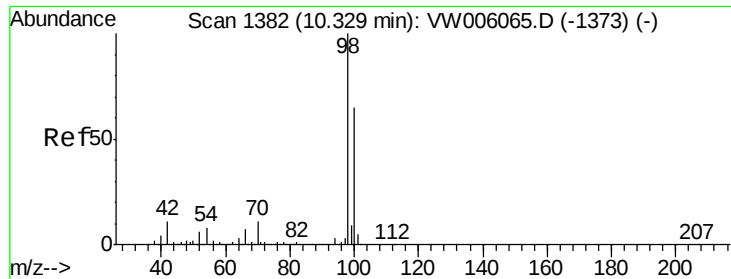
Tot Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
61 19.8 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006513.D
Acq: 30 Oct 2018 20:10

Tgt Ion: 117 Resp: 12068
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 53.899 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampled :

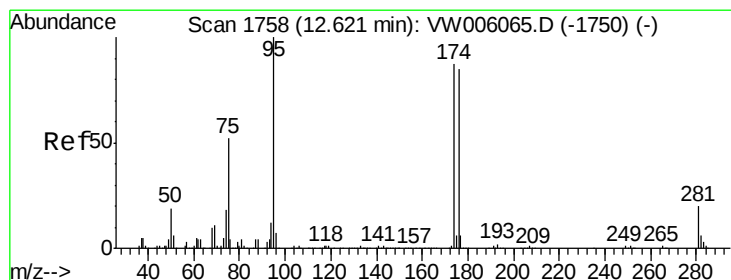
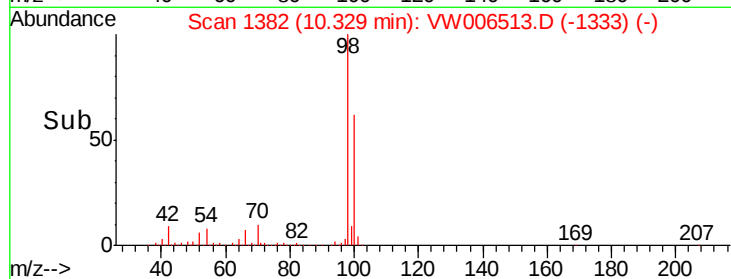
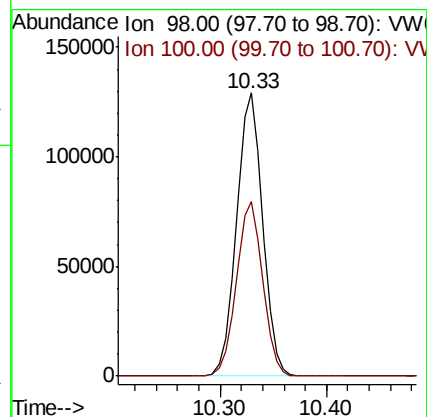
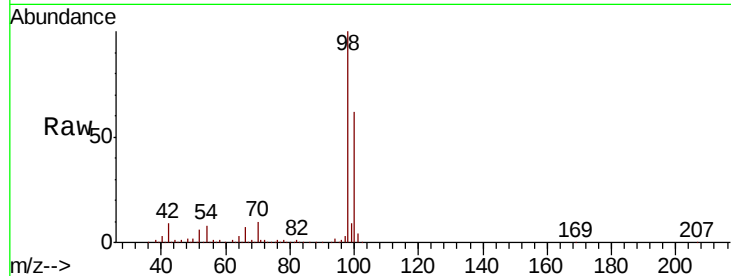
DL-03A

Tot Ion: 98 Resp: 222201

Ion Ratio Lower Upper

98 100

100 62.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.088 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

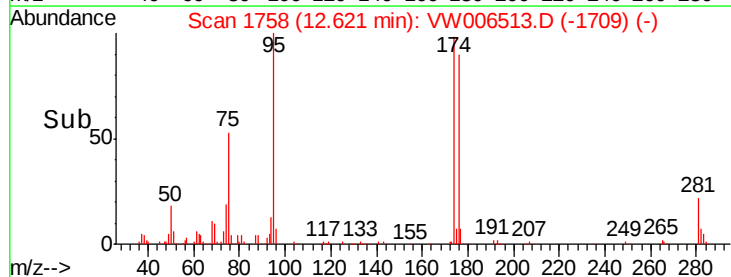
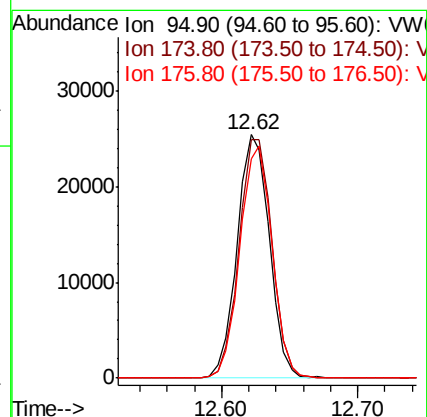
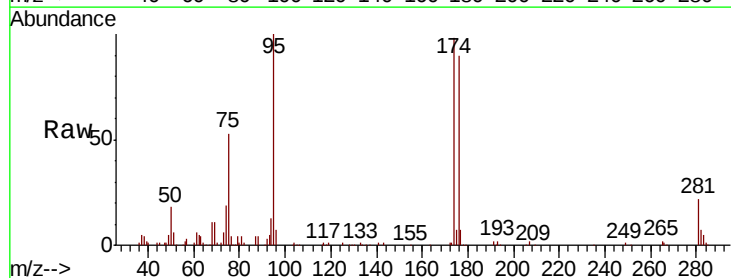
Tgt Ion: 95 Resp: 41943

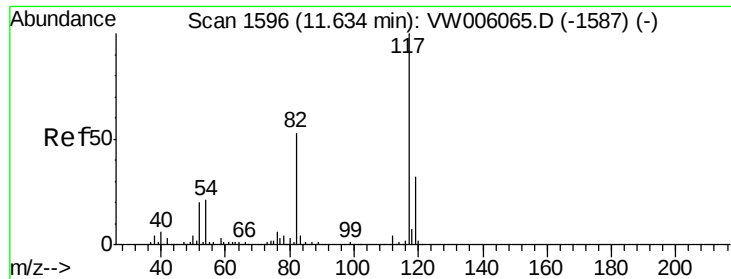
Ion Ratio Lower Upper

95 100

174 100.2 0.0 186.0

176 95.4 0.0 181.6

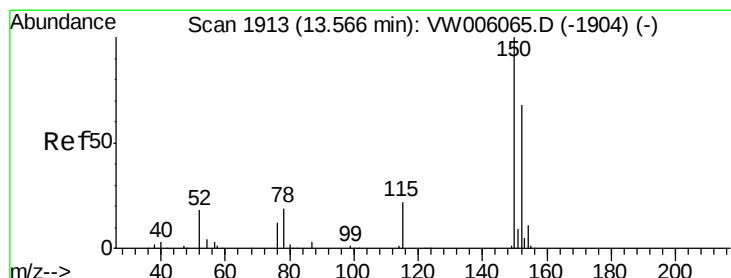
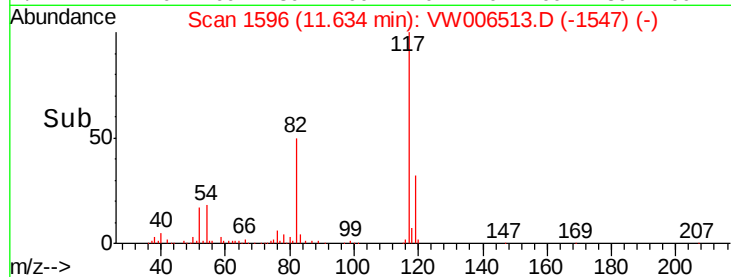
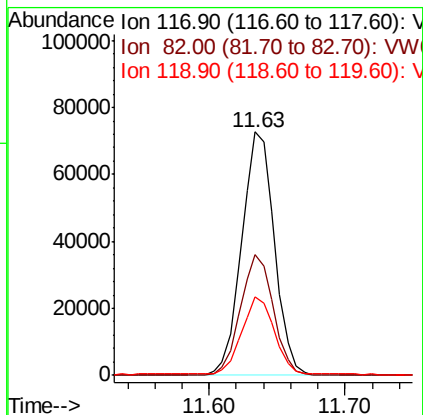
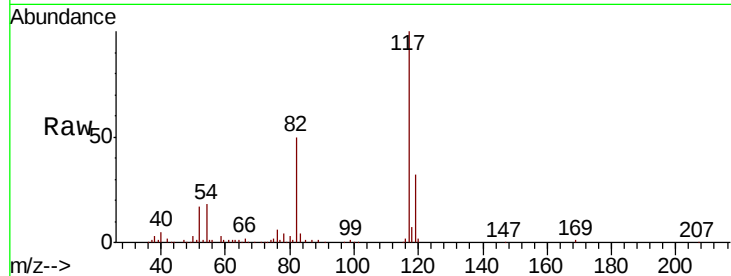




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006513.D
Acq: 30 Oct 2018 20:10

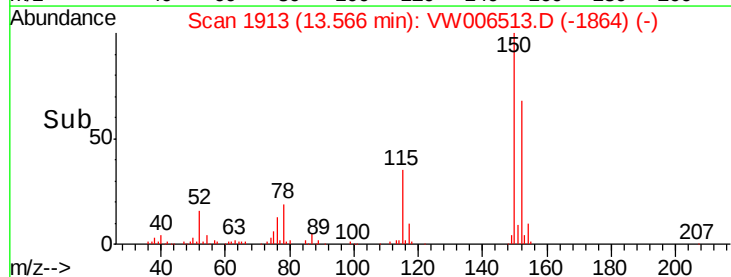
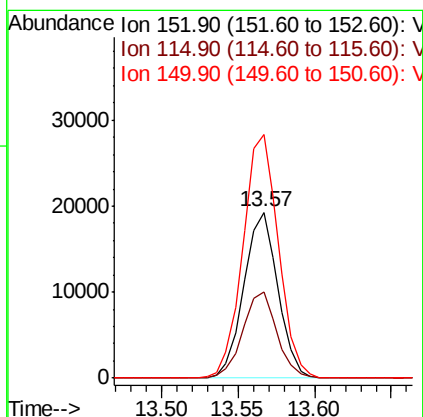
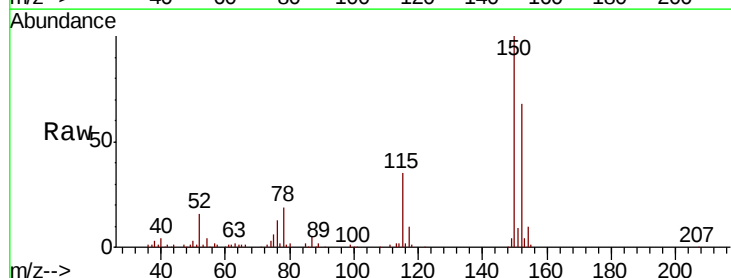
Instrument :
MSVOA_W
ClientSampleID :
DL-03A

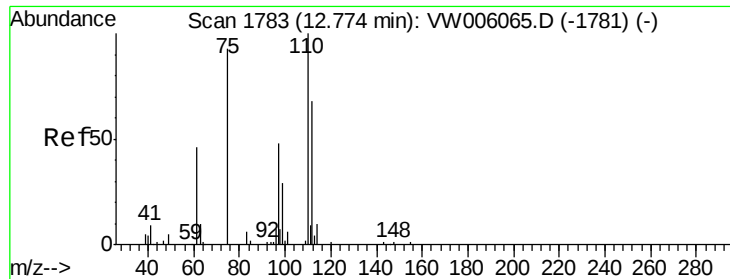
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.1	63.1
119	31.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006513.D
Acq: 30 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.8	27.8	83.3
150	152.7	0.0	349.2

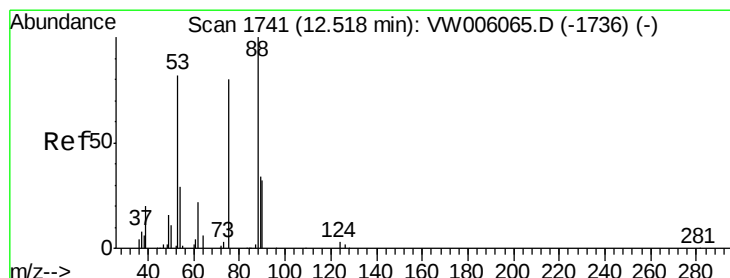
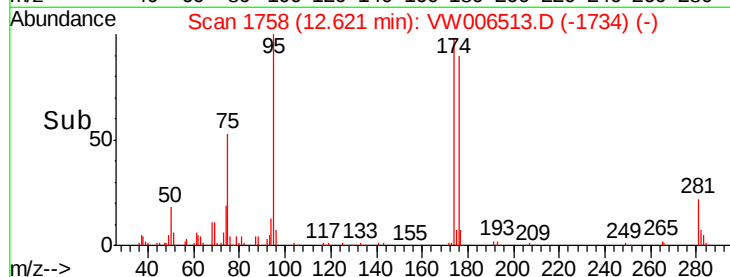
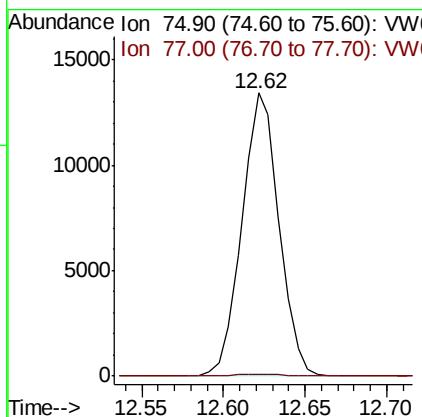
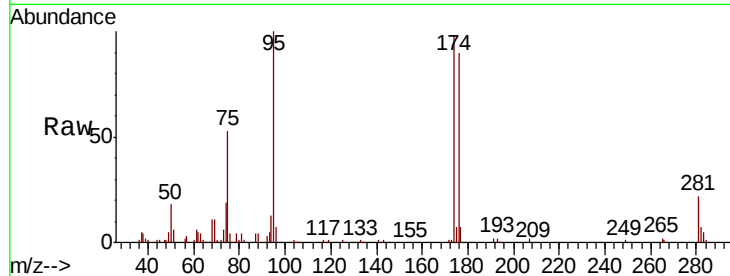




#76
 1,2,3-Trichloropropane
 Concen: 93.092 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006513.D
 Acq: 30 Oct 2018 20:10

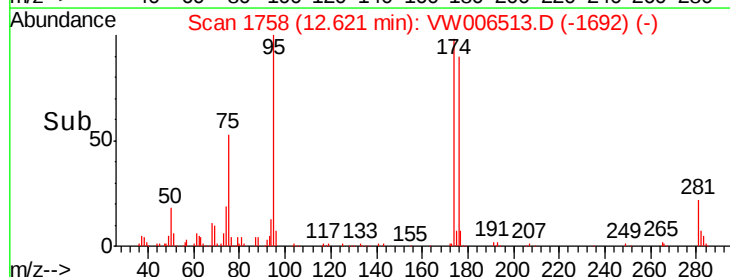
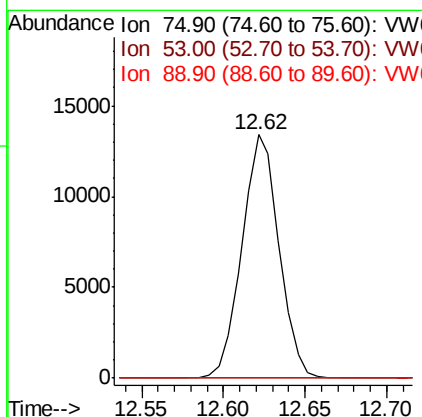
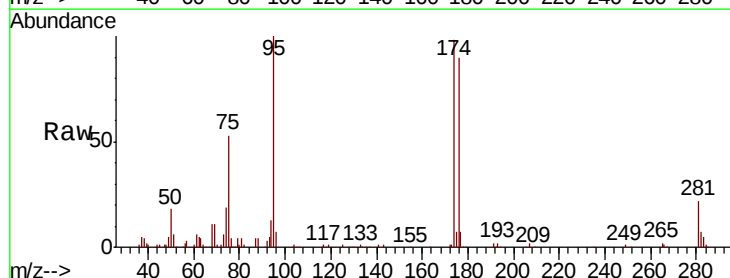
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03A

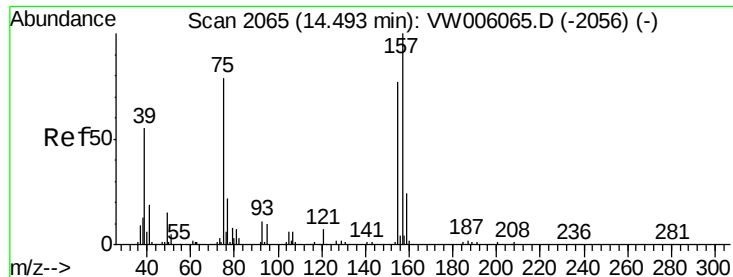
Tot Ion: 75 Resp: 21196
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 222.526 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006513.D
 Acq: 30 Oct 2018 20:10

Tgt Ion: 75 Resp: 21196
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 37.5 56.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.691 ug/l

RT: 14.33 min Scan# 2039

Delta R.T. -0.16 min

Lab File: VW006513.D

Acq: 30 Oct 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

DL-03A

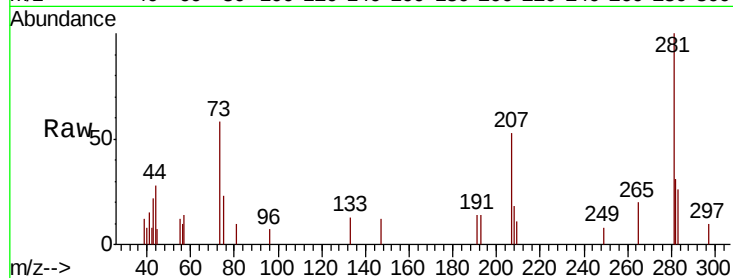
Tot Ion: 75 Resp: 269

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

157 0.0 59.8 179.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

