

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006053.D
 Acq On : 12 Oct 2018 18:11
 Operator : VA/AP
 Sample : J5198-15
 Misc : 7.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-C

Quant Time: Oct 13 01:08:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

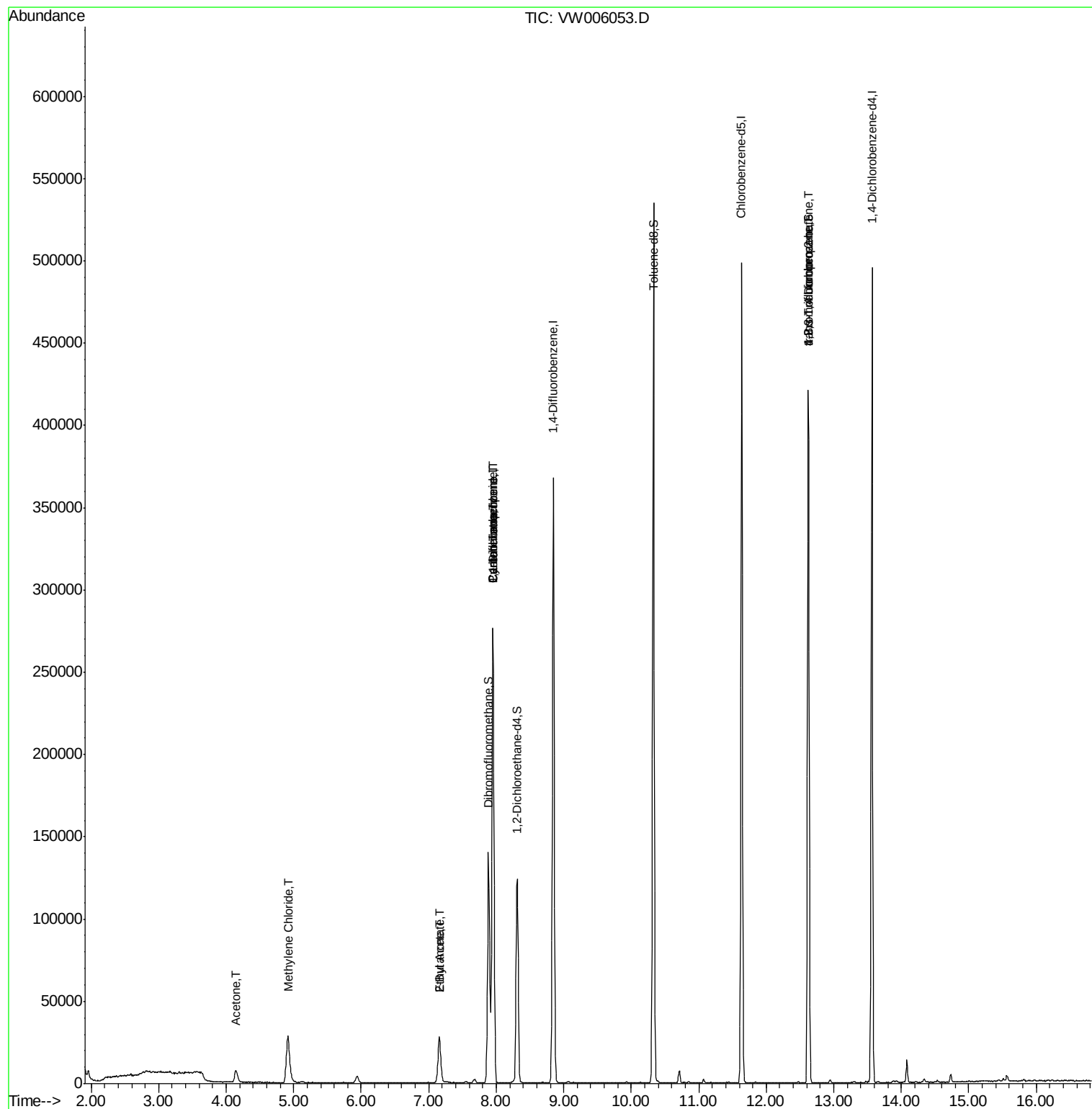
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97557	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	7.88	113	96467	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.33	98	360813	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	12.62	95	125275	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.18%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	15203	34.938	ug/l	94
20) Methylene Chloride	4.92	84	25137	11.530	ug/l	91
25) 2-Butanone	7.15	43	2291	3.702	ug/l #	84
31) Cyclohexane	7.95	56	4066	1.066	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	14762	4.780	ug/l #	49
37) Ethyl Acetate	7.15	43	2291	1.752	ug/l #	25
38) Carbon Tetrachloride	7.95	117	20209	6.090	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	63372	51.861	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63372	109.485	ug/l #	11

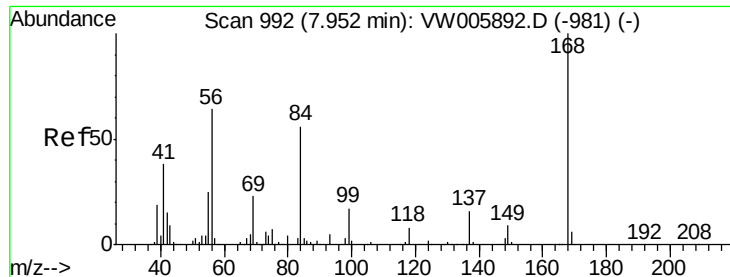
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006053.D

Acq: 12 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

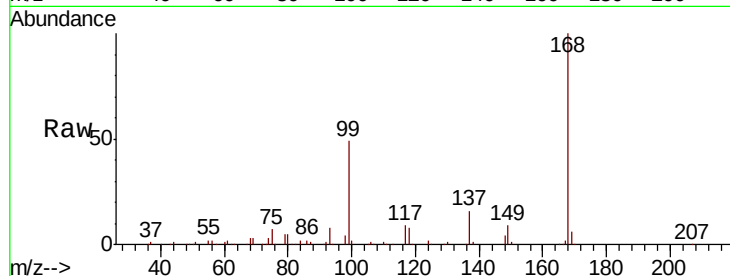
CL-02-101218-C

Tgt Ion:168 Resp: 224407

Ion Ratio Lower Upper

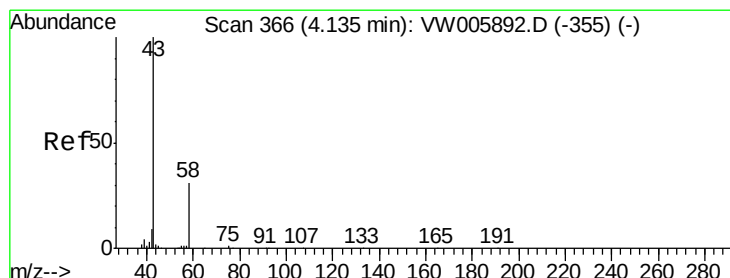
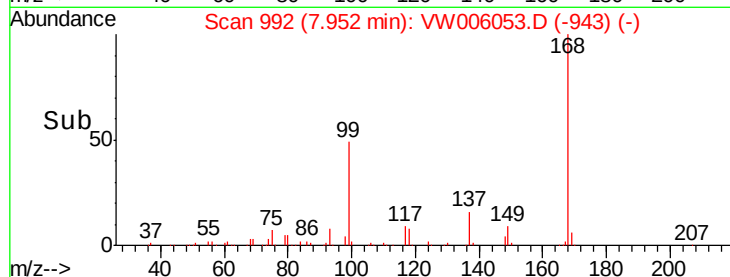
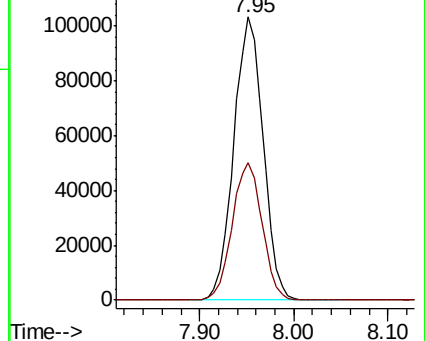
168 100

99 48.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.938 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006053.D

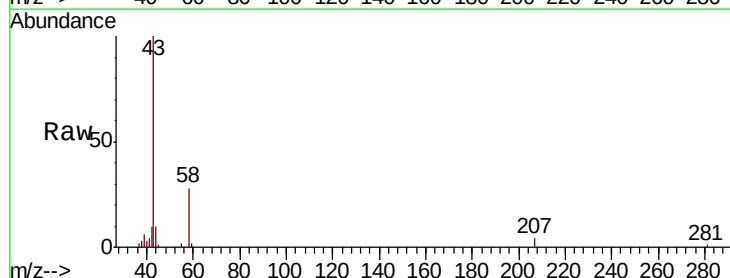
Acq: 12 Oct 2018 18:11

Tgt Ion: 43 Resp: 15203

Ion Ratio Lower Upper

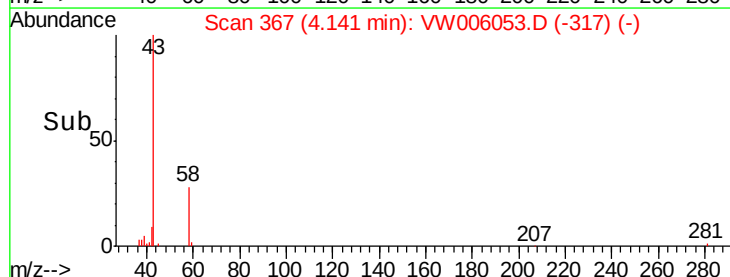
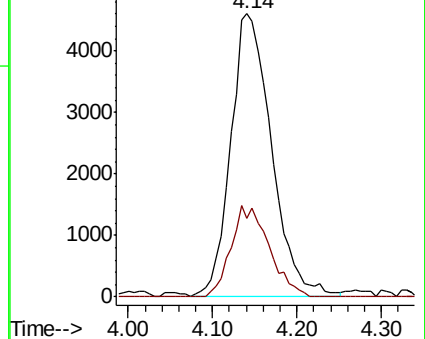
43 100

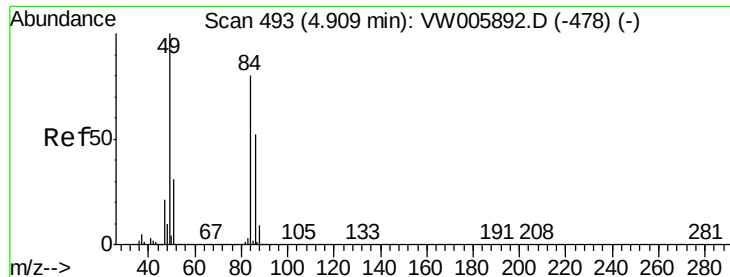
58 27.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

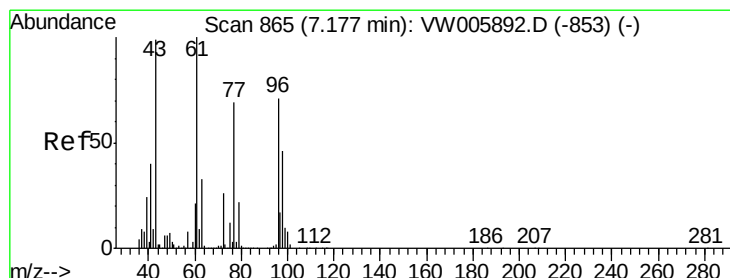
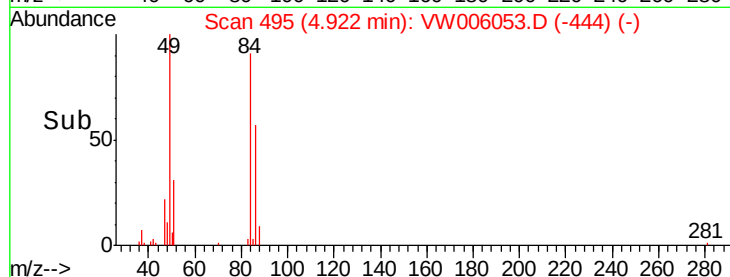
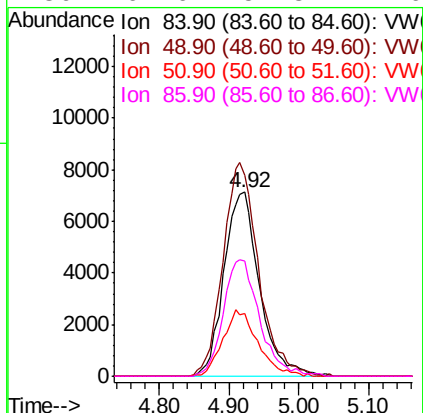
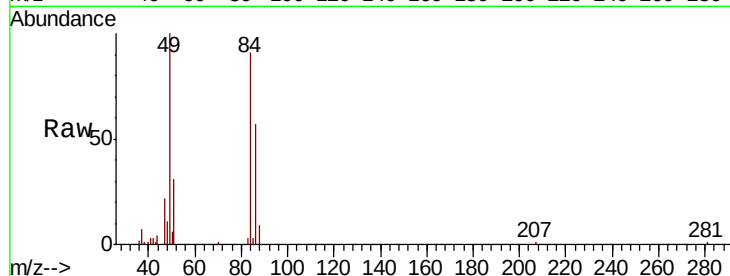




#20
Methylene Chloride
Concen: 11.530 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006053.D
Acq: 12 Oct 2018 18:11

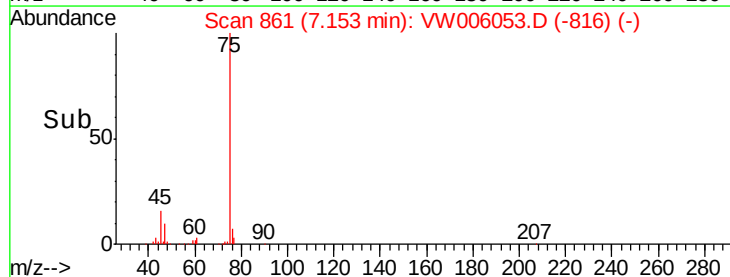
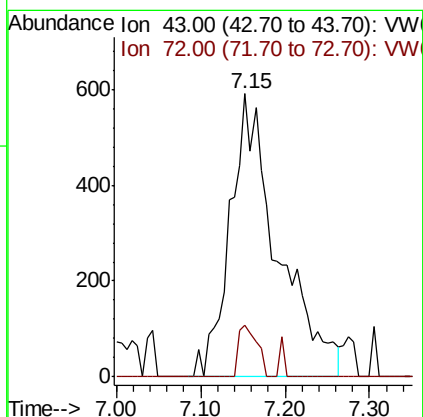
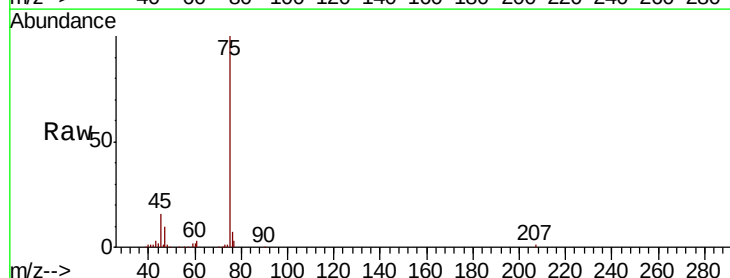
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CL-02-101218-C

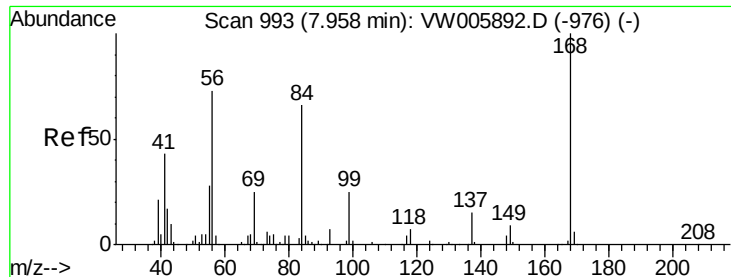
Tgt Ion:	84	Resp:	25137
Ion	Ratio	Lower	Upper
84	100		
49	109.3	99.9	149.9
51	34.4	31.1	46.7
86	62.6	51.8	77.6



#25
2-Butanone
Concen: 3.702 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW006053.D
Acq: 12 Oct 2018 18:11

Tgt Ion:	43	Resp:	2291
Ion	Ratio	Lower	Upper
43	100		
72	18.1	21.0	31.4#

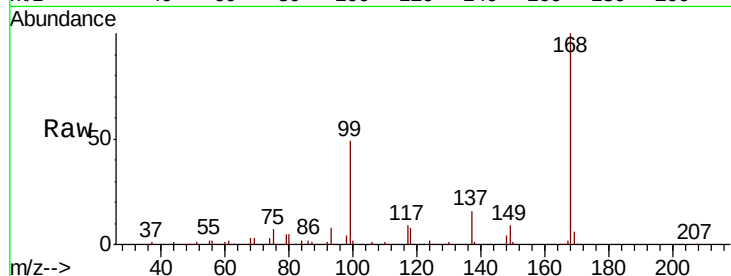




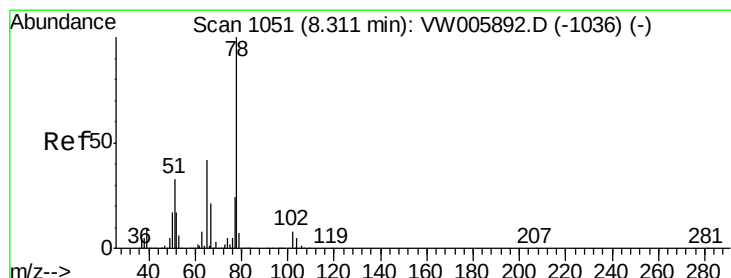
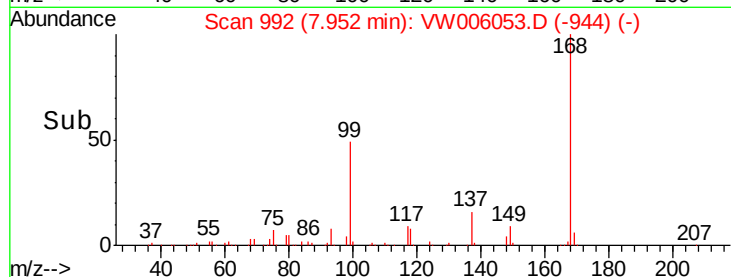
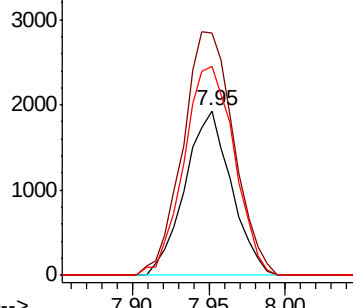
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006053.D
Acq: 12 Oct 2018 18:11

Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-C

Tgt Ion: 56 Resp: 4066
Ion Ratio Lower Upper
56 100
69 147.3 27.9 41.9#
84 127.3 72.3 108.5#

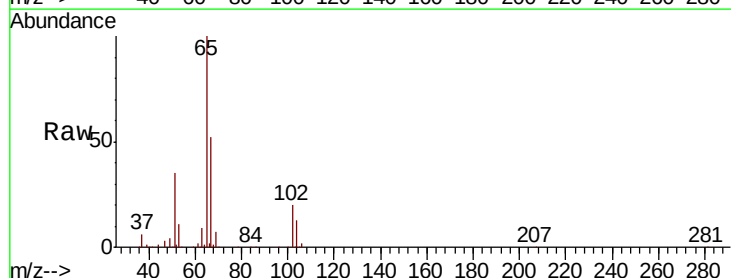


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

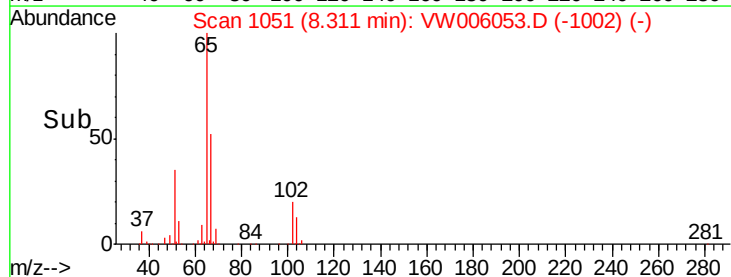
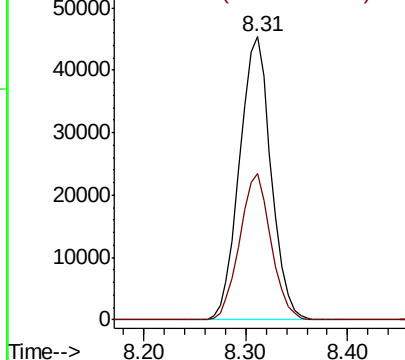


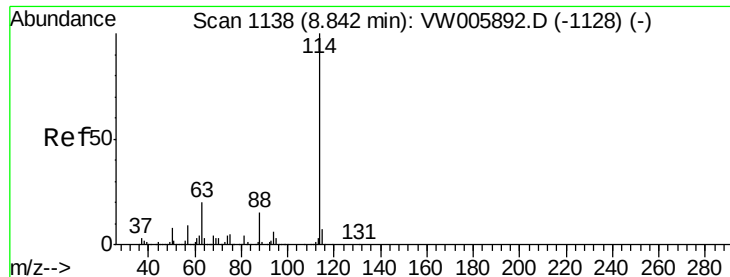
#33
1,2-Dichloroethane-d4
Concen: 44.782 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006053.D
Acq: 12 Oct 2018 18:11

Tgt Ion: 65 Resp: 97557
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006053.D

Acq: 12 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-C

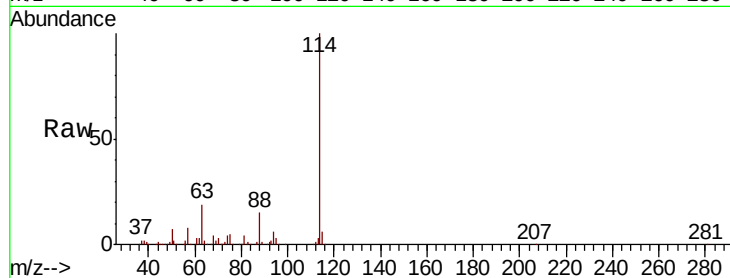
Tgt Ion:114 Resp: 322325

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

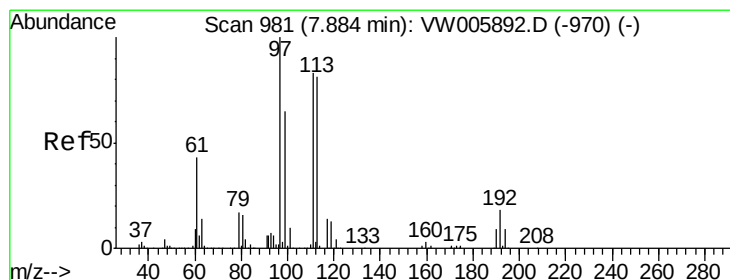
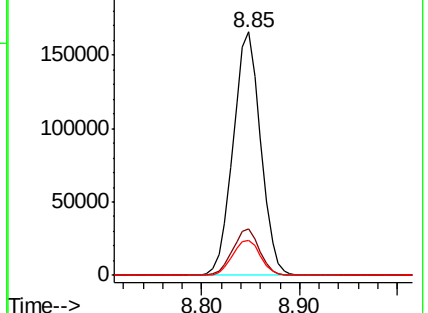
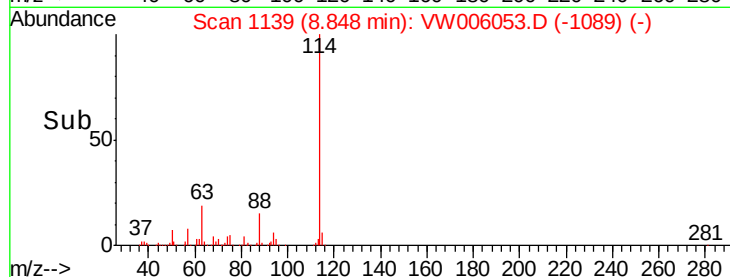
88 14.6 0.0 30.8



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: 46.876 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006053.D

Acq: 12 Oct 2018 18:11

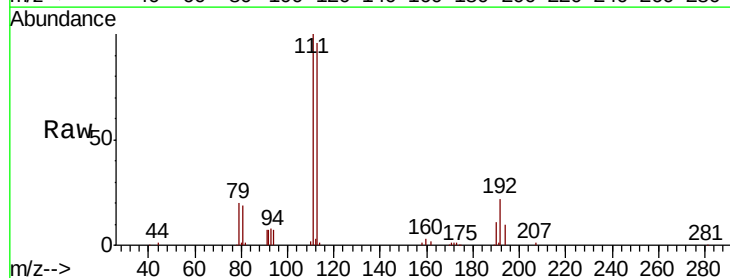
Tgt Ion:113 Resp: 96467

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

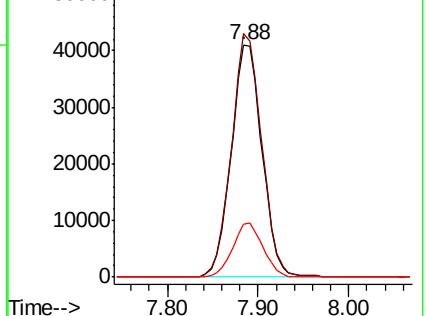
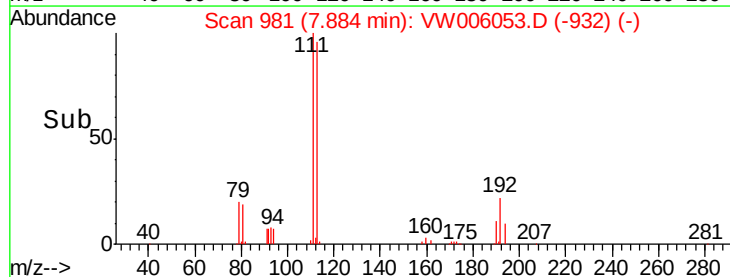
192 22.9 18.3 27.5

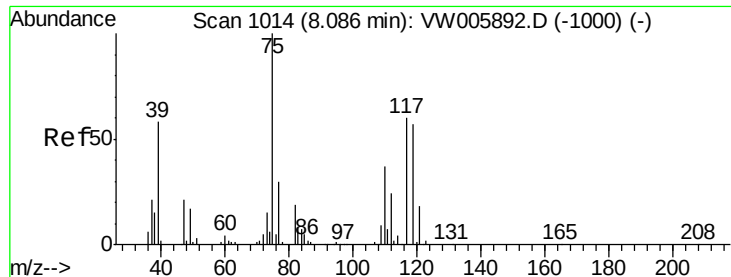


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

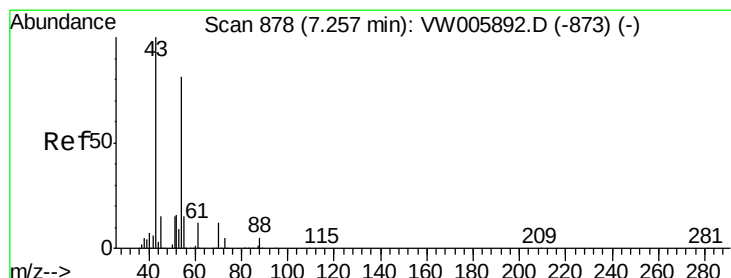
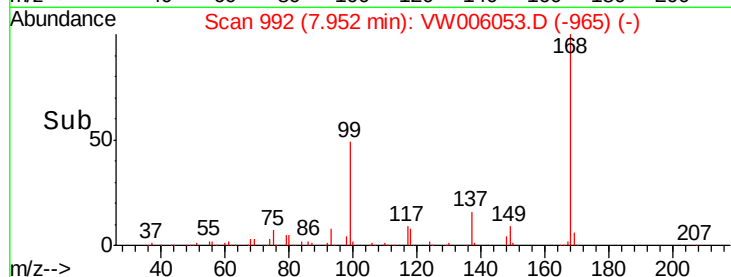
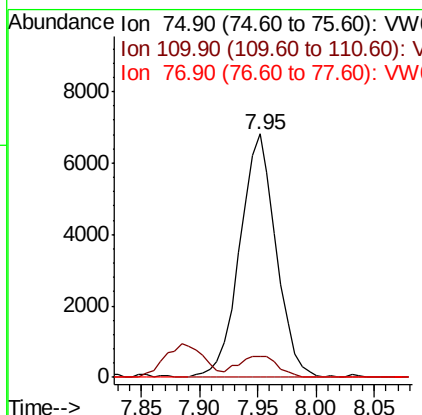
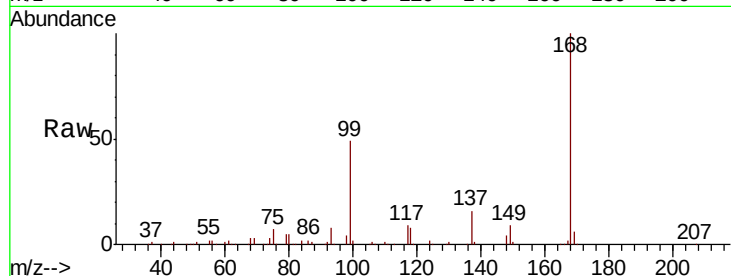




#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006053.D
 Acq: 12 Oct 2018 18:11

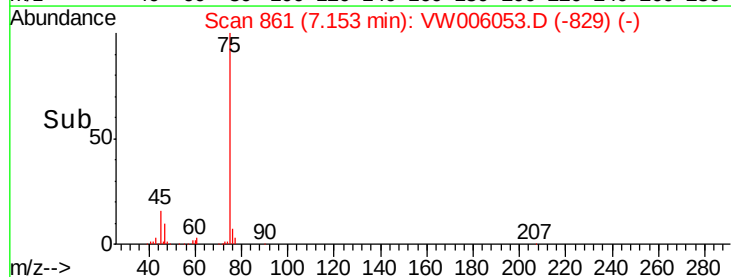
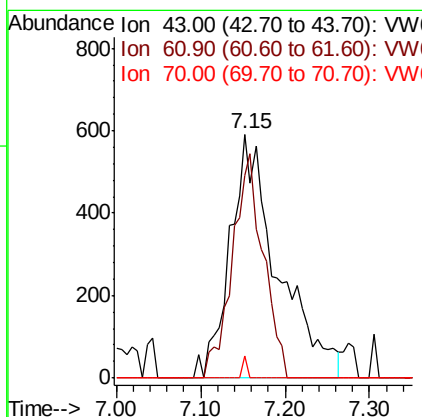
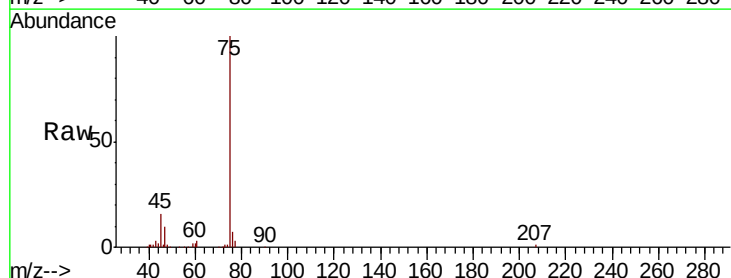
Instrument :
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 ClientSampleId :
 CL-02-101218-C

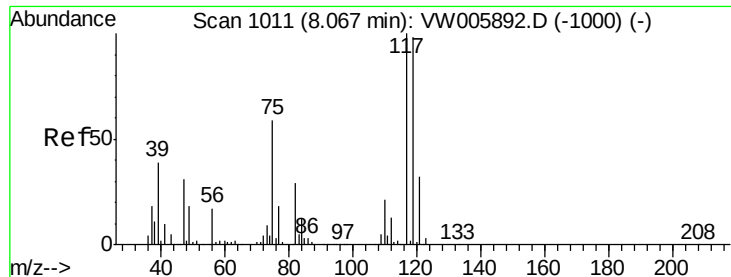
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.6	56.0#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.752 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.10 min
 Lab File: VW006053.D
 Acq: 12 Oct 2018 18:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	58.9	10.6	16.0#
70	0.8	8.6	13.0#





#38

Carbon Tetrachloride

Concen: 6.090 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006053.D

Acq: 12 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-C

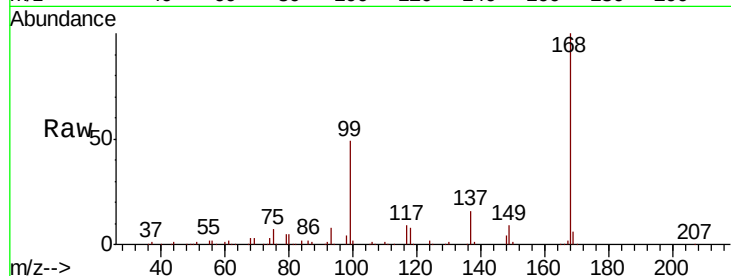
Tgt Ion: 117 Resp: 20209

Ion Ratio Lower Upper

117 100

119 3.9 78.6 117.8#

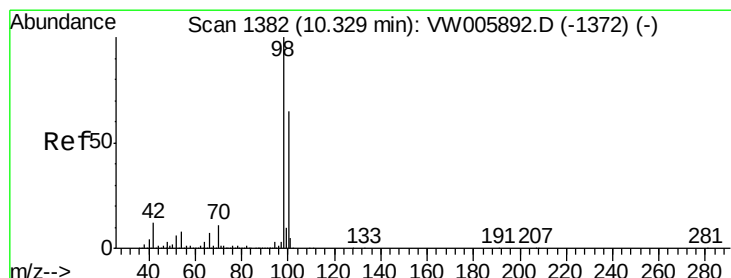
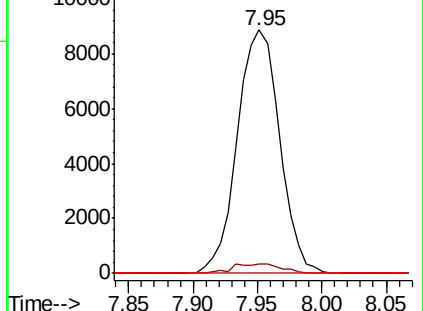
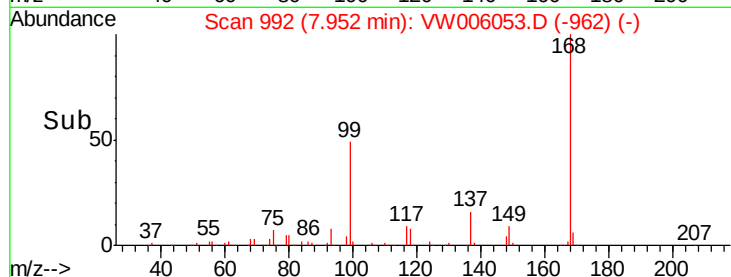
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 45.571 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006053.D

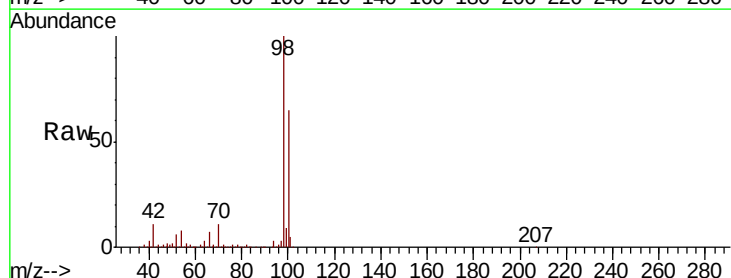
Acq: 12 Oct 2018 18:11

Tgt Ion: 98 Resp: 360813

Ion Ratio Lower Upper

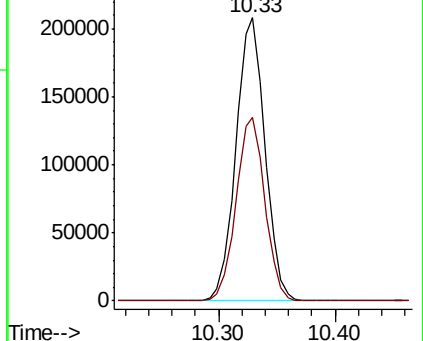
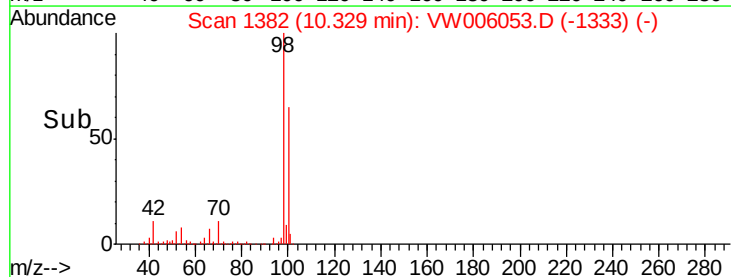
98 100

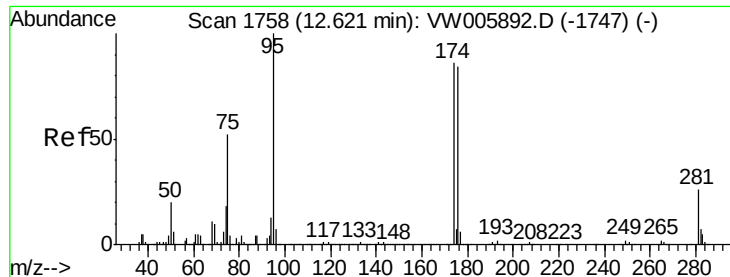
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

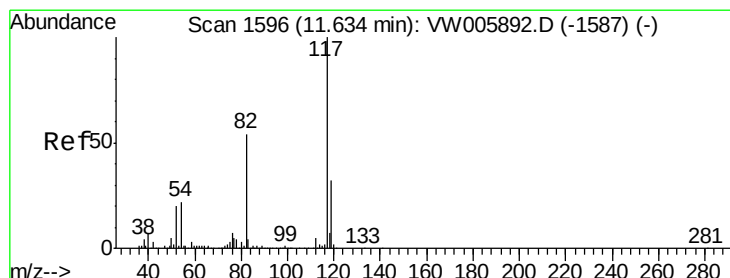
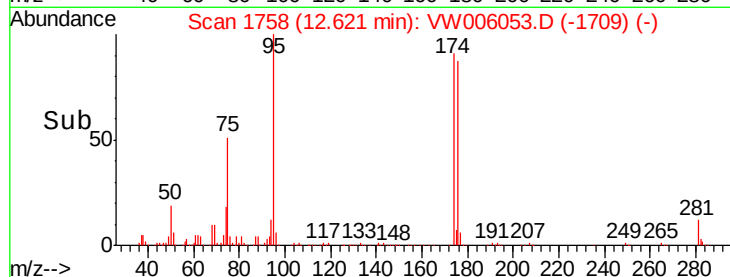
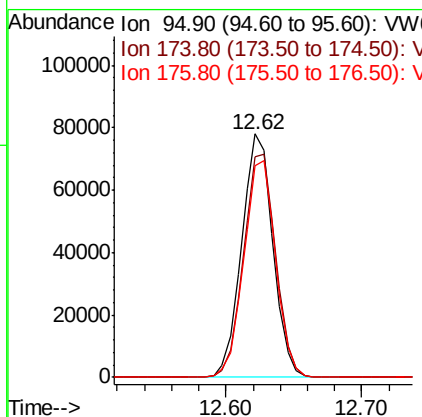
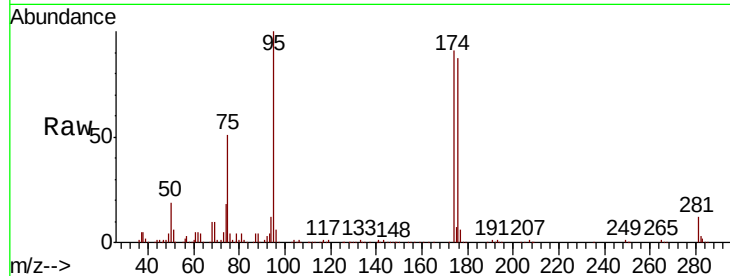




#62
4-Bromofluorobenzene
Concen: 41.587 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006053.D
Acq: 12 Oct 2018 18:11

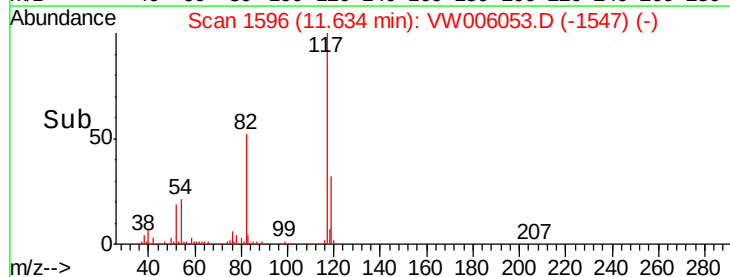
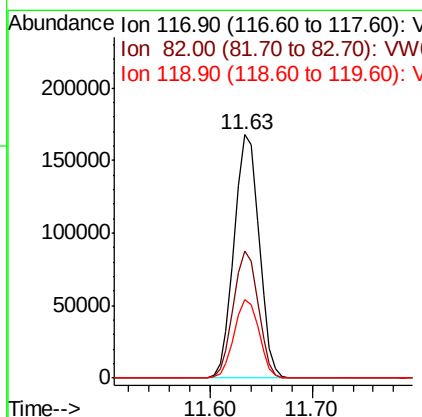
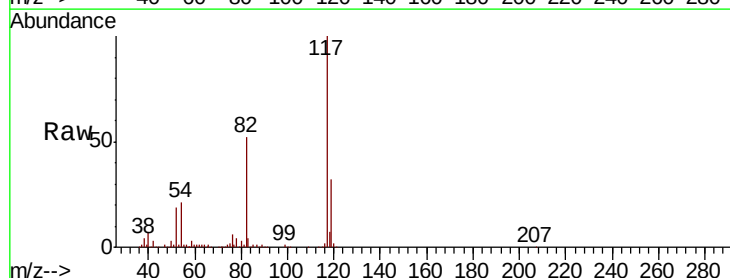
Instrument :
MSVOA_W
ClientSampleId :
CL-02-101218-C

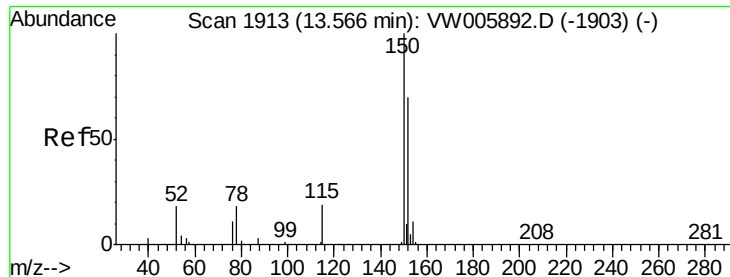
Tgt Ion: 95 Resp: 125275
Ion Ratio Lower Upper
95 100
174 94.4 0.0 176.4
176 90.6 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006053.D
Acq: 12 Oct 2018 18:11

Tgt Ion: 117 Resp: 284323
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 32.3 25.4 38.2

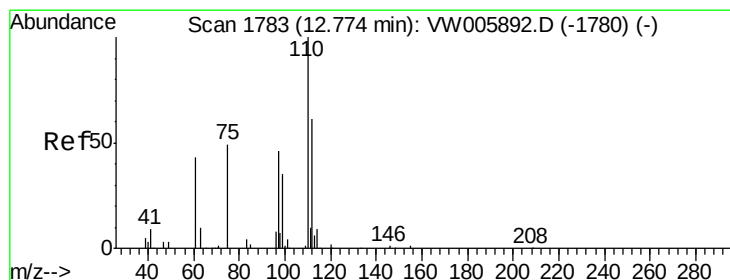
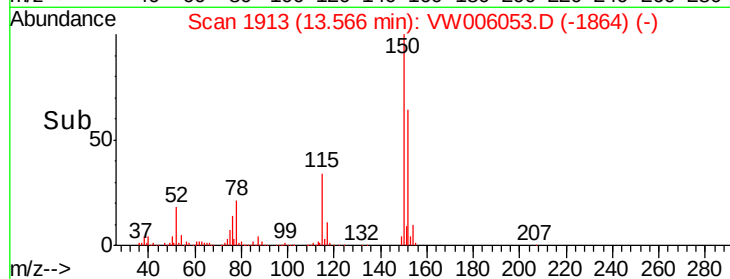
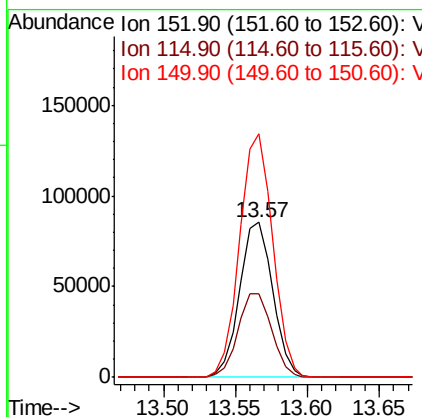
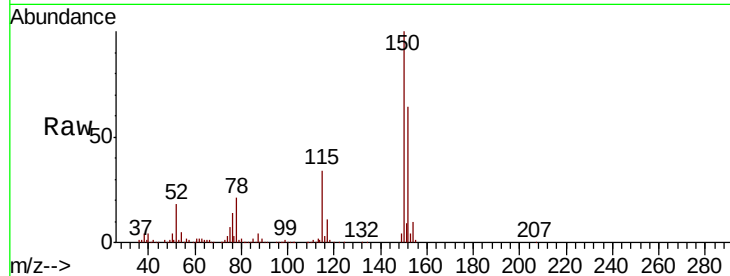




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006053.D
 Acq: 12 Oct 2018 18:11

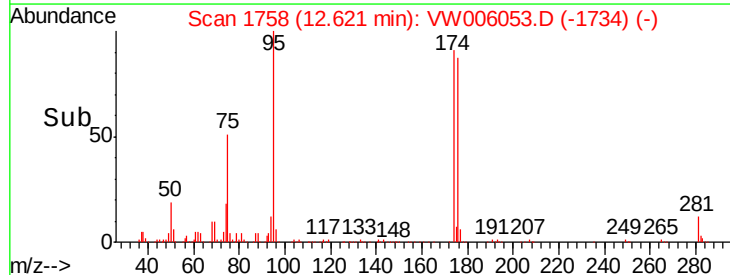
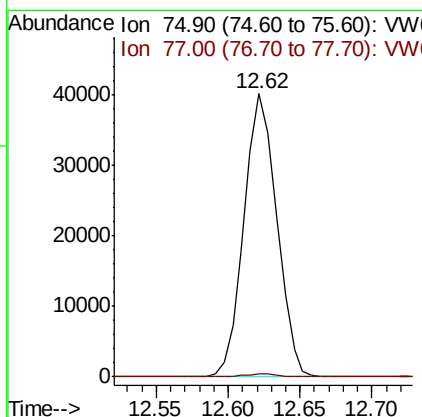
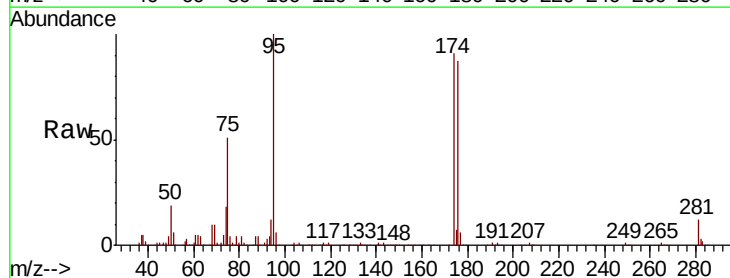
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-101218-C

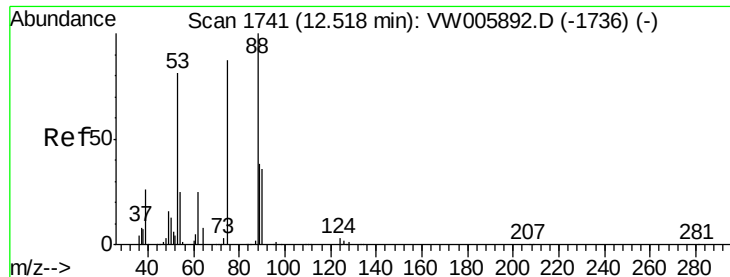
Tgt Ion: 152 Resp: 136795
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.3 85.0
 150 156.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 51.861 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006053.D
 Acq: 12 Oct 2018 18:11

Tgt Ion: 75 Resp: 63372
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 109.485 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006053.D

Acq: 12 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-C

Tgt Ion: 75 Resp: 63372

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#

