

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006055.D
 Acq On : 12 Oct 2018 19:03
 Operator : VA/AP
 Sample : J5198-19
 Misc : 6.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 13 01:09:13 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

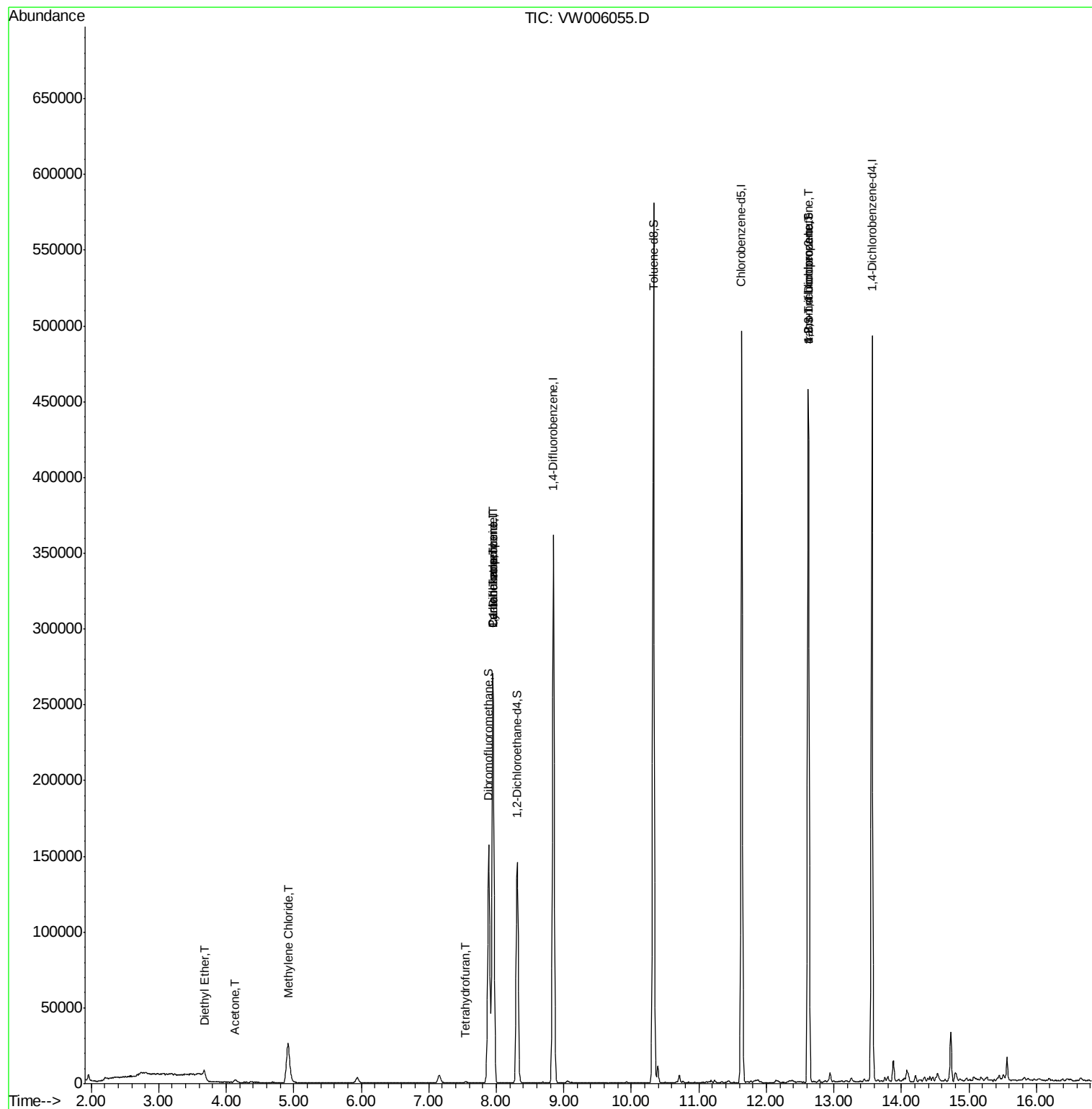
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113767	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.89	113	110000	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.33	98	394016	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	138990	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
8) Diethyl Ether	3.68	74	2804	2.891	ug/l	83
16) Acetone	4.14	43	3870	9.199	ug/l	99
20) Methylene Chloride	4.92	84	23284	11.047	ug/l	90
29) Tetrahydrofuran	7.55	42	492	1.301	ug/l #	61
31) Cyclohexane	7.95	56	3900	1.058	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	13910	4.553	ug/l #	49
38) Carbon Tetrachloride	7.96	117	18893	5.755	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	70628	57.439	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70628	121.261	ug/l #	11

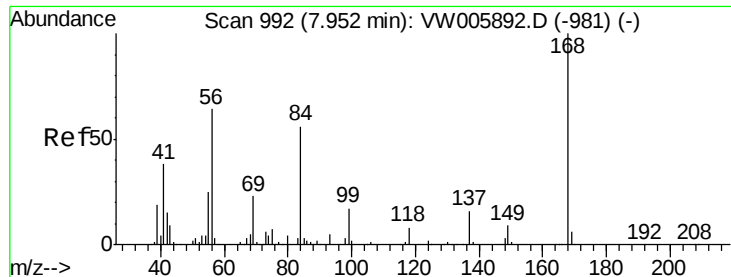
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 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: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

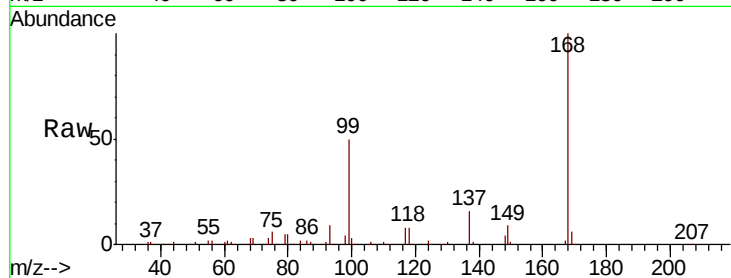
CL-02-101218-E

Tgt Ion:168 Resp: 216965

Ion Ratio Lower Upper

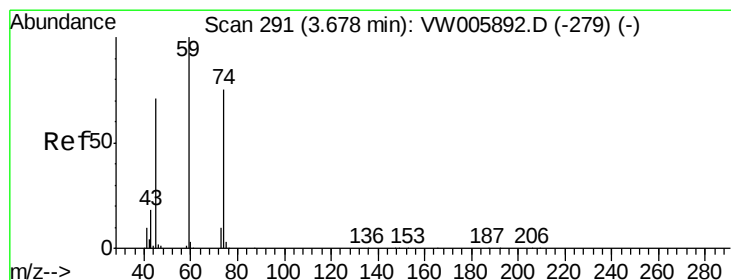
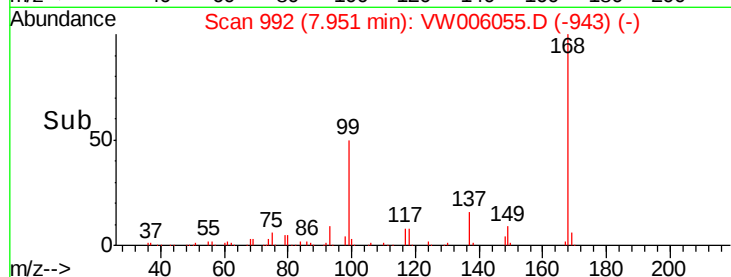
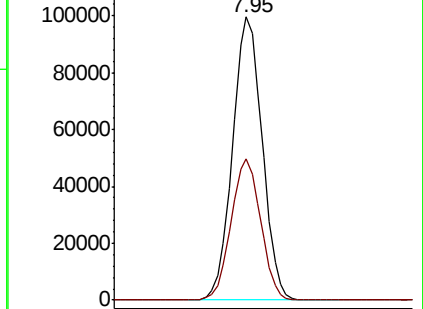
168 100

99 49.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.891 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW006055.D

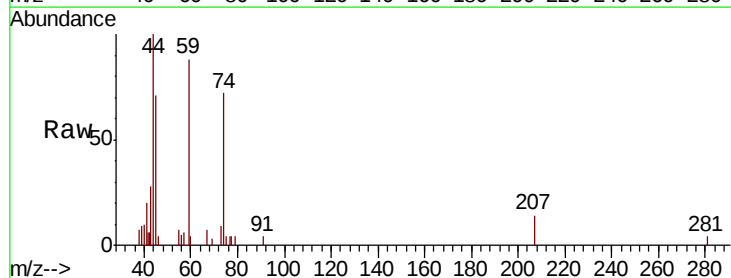
Acq: 12 Oct 2018 19:03

Tgt Ion: 74 Resp: 2804

Ion Ratio Lower Upper

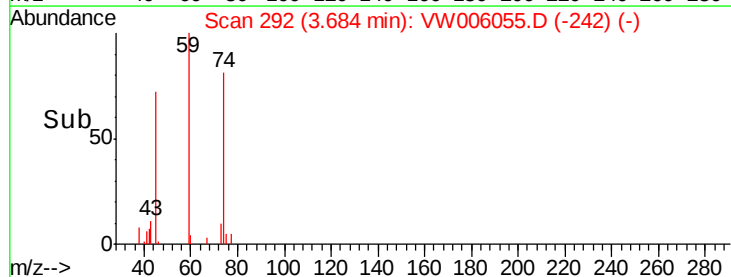
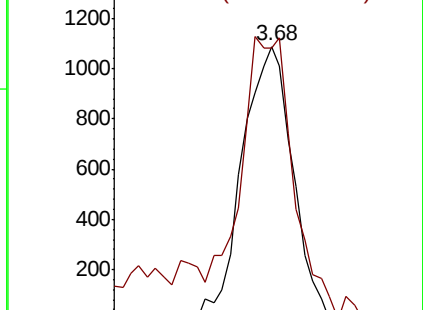
74 100

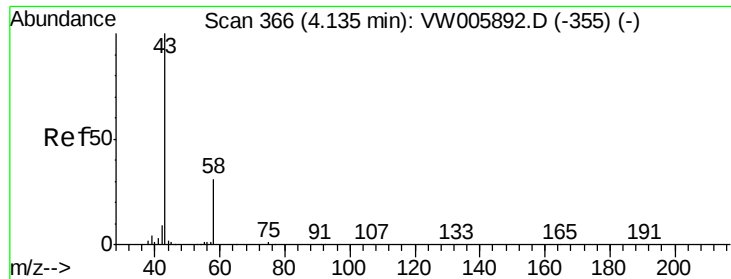
45 110.2 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 9.199 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

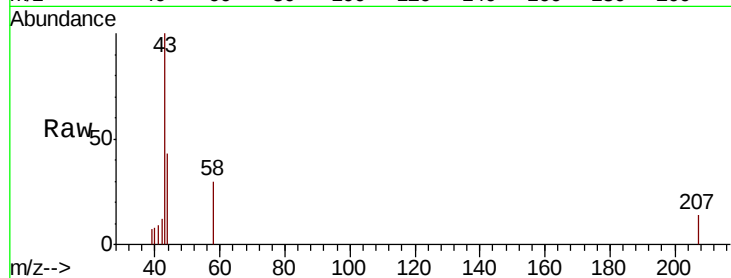
CL-02-101218-E

Tgt Ion: 43 Resp: 3870

Ion Ratio Lower Upper

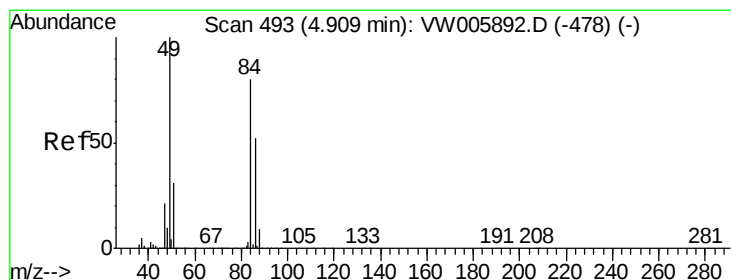
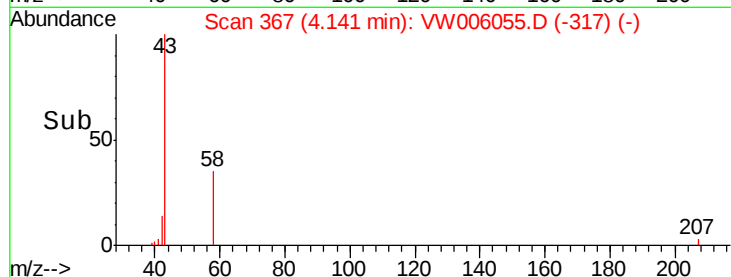
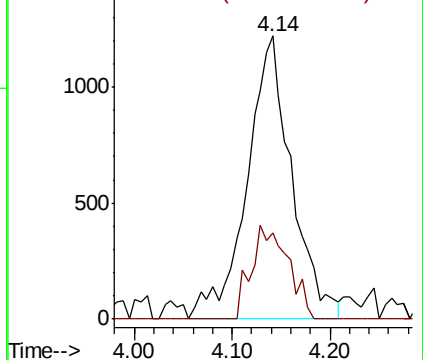
43 100

58 30.3 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: 11.047 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

Tgt Ion: 84 Resp: 23284

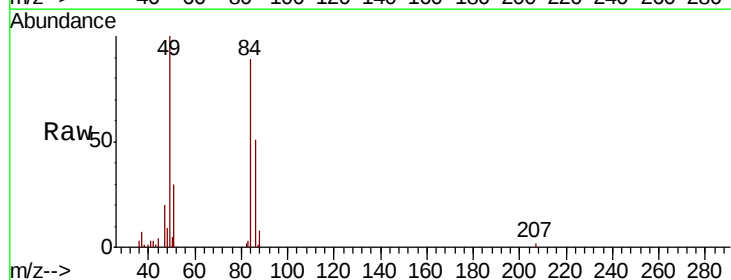
Ion Ratio Lower Upper

84 100

49 112.8 99.9 149.9

51 34.1 31.1 46.7

86 57.8 51.8 77.6

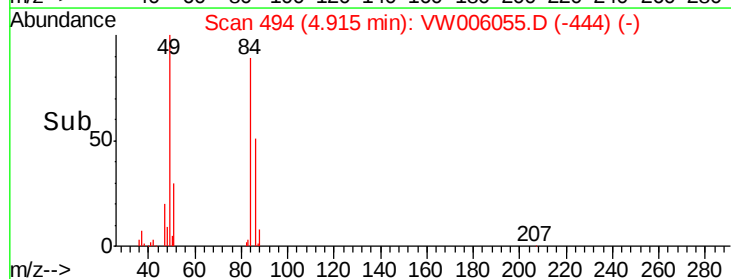
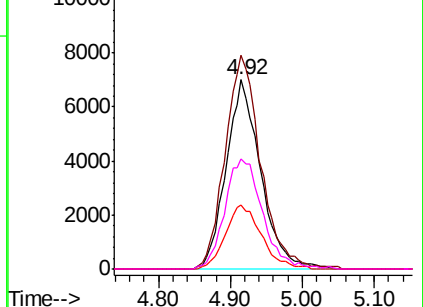


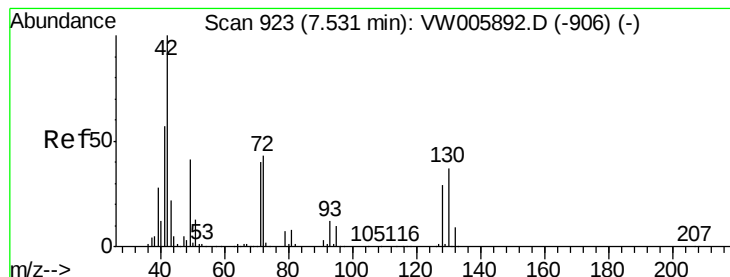
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#29

Tetrahydrofuran

Concen: 1.301 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

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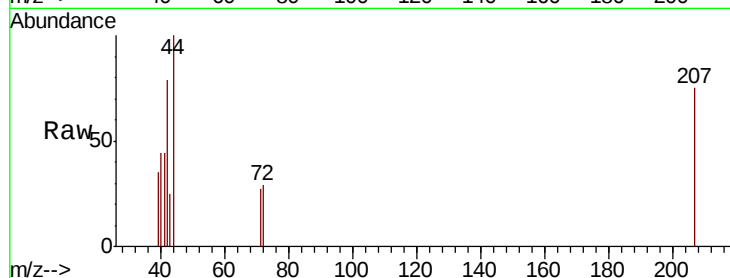
Tgt Ion: 42 Resp: 492

Ion Ratio Lower Upper

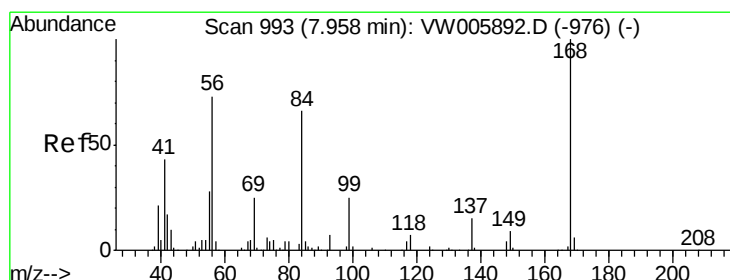
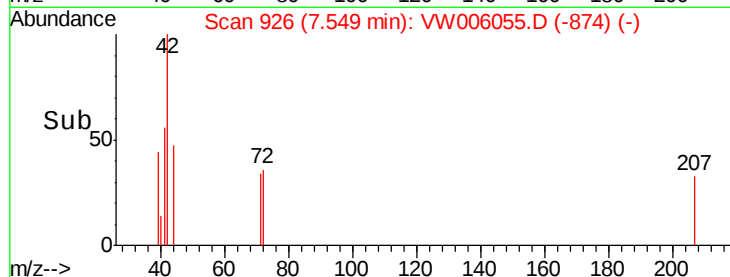
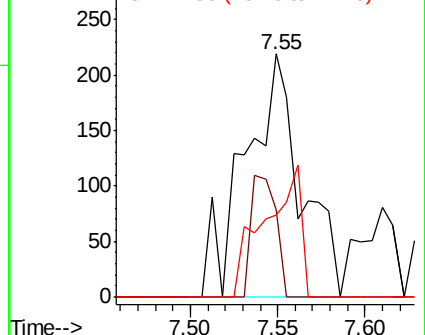
42 100

72 0.0 34.6 51.8#

71 35.0 32.6 49.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

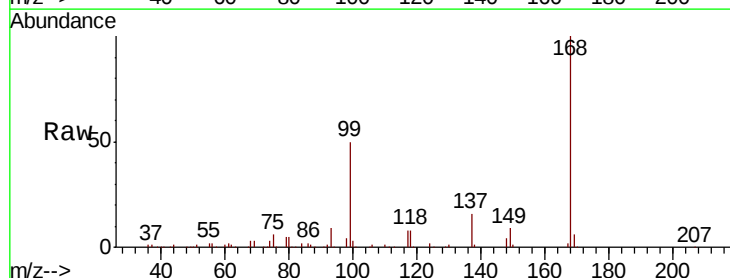
Tgt Ion: 56 Resp: 3900

Ion Ratio Lower Upper

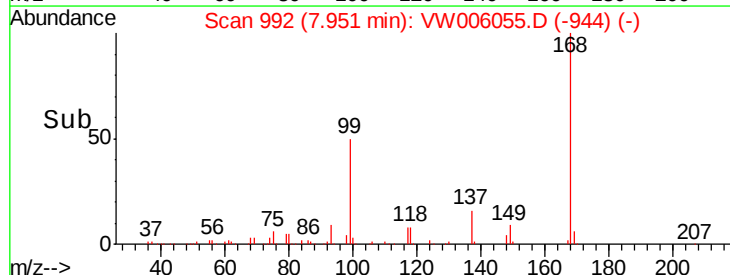
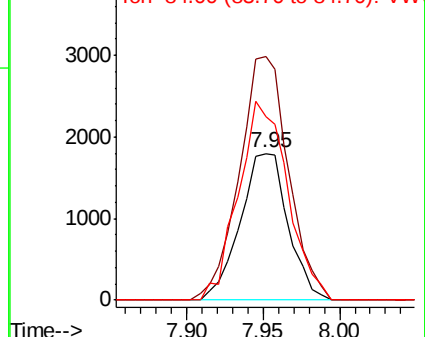
56 100

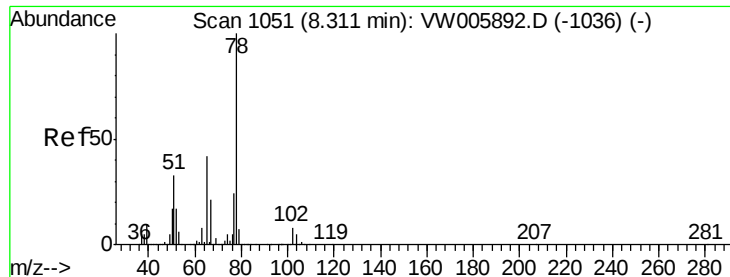
69 166.3 27.9 41.9#

84 125.0 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

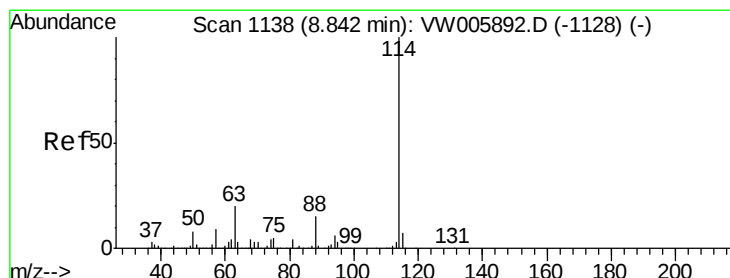
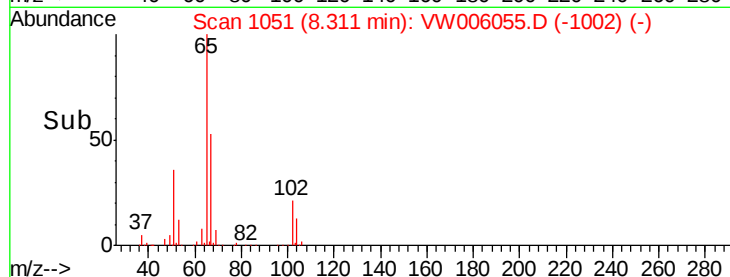
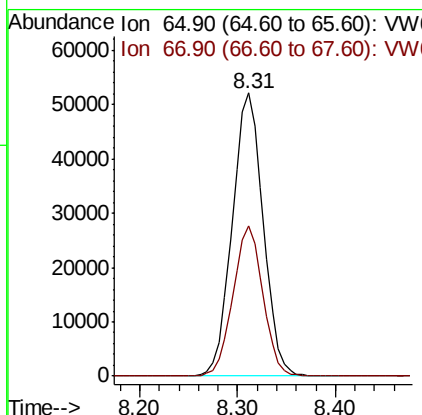
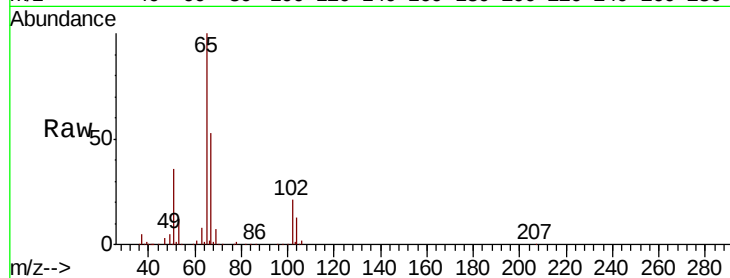




#33
 1,2-Dichloroethane-d4
 Concen: 54.014 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006055.D
 Acq: 12 Oct 2018 19:03

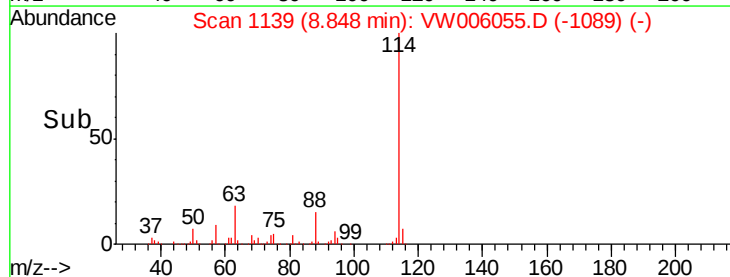
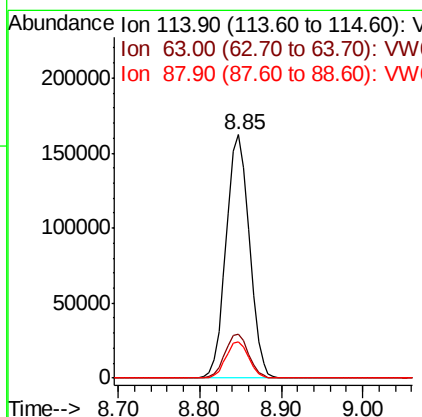
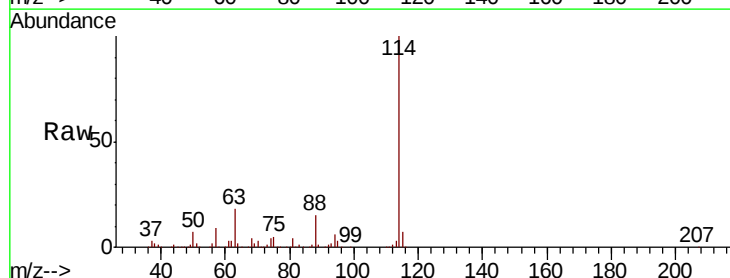
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 MSVOA_W
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 CL-02-101218-E

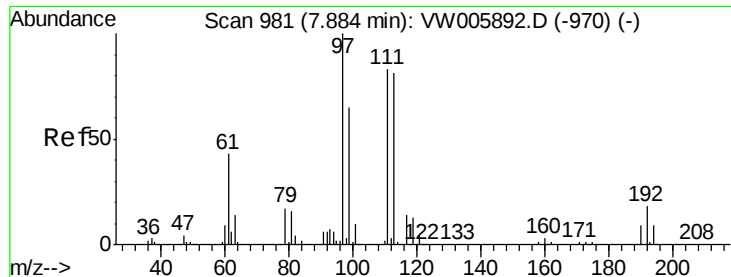
Tgt Ion: 65 Resp: 113767
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006055.D
 Acq: 12 Oct 2018 19:03

Tgt Ion: 114 Resp: 318875
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 15.0 0.0 30.8

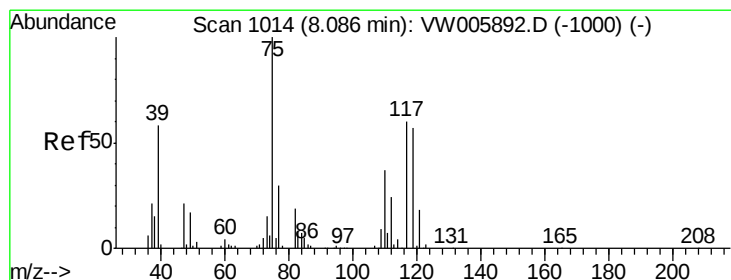
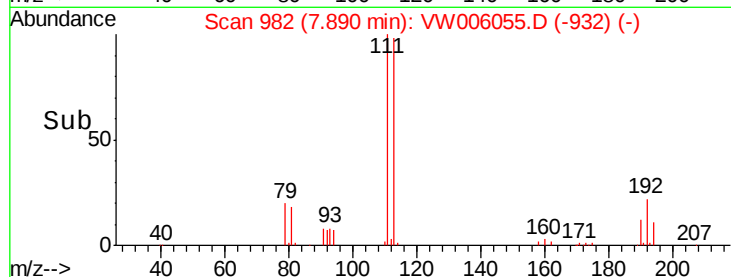
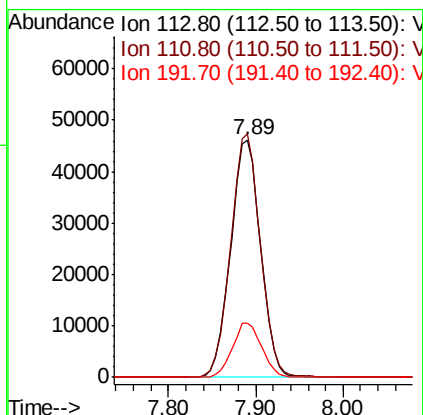
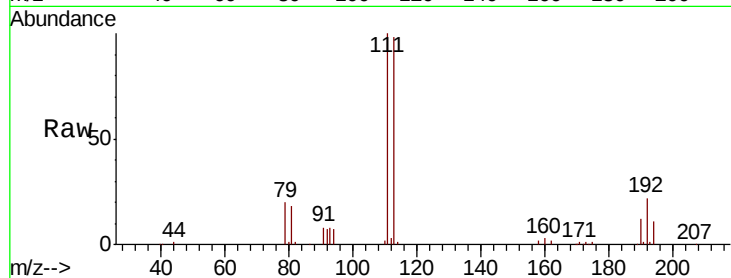




#35
 Dibromofluoromethane
 Concen: 54.031 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006055.D
 Acq: 12 Oct 2018 19:03

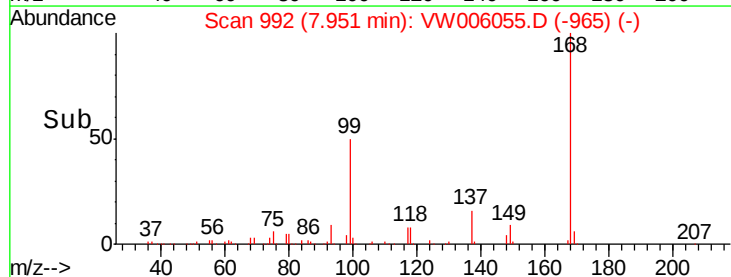
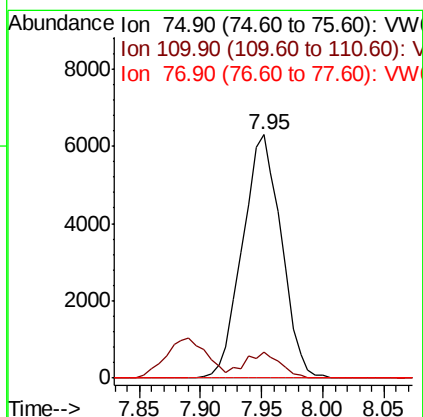
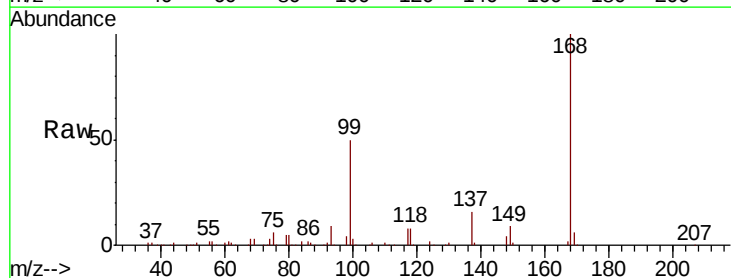
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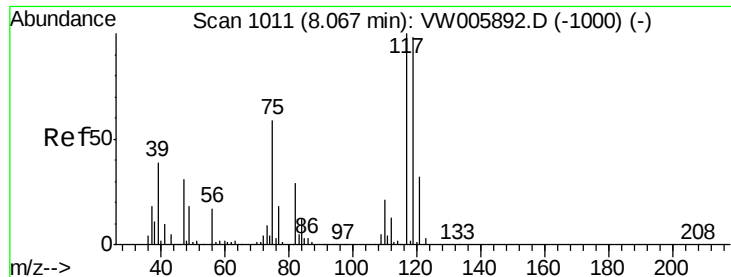
Tgt Ion:113 Resp: 110000
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 22.5 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.553 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006055.D
 Acq: 12 Oct 2018 19:03

Tgt Ion: 75 Resp: 13910
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.6 56.0#
 77 0.0 24.7 37.1#

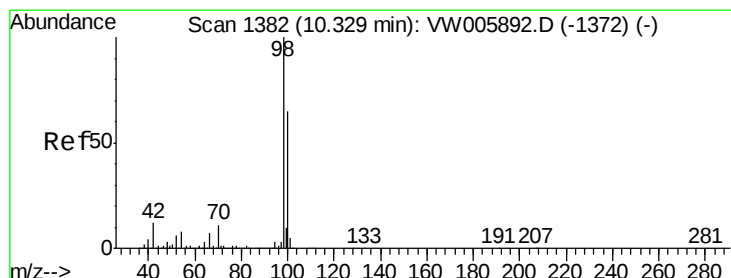
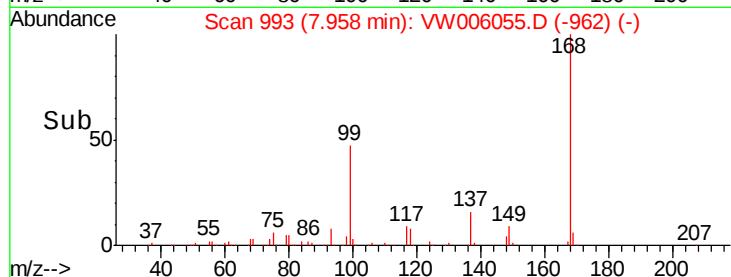
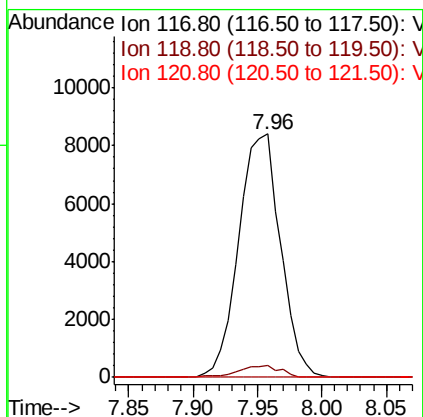
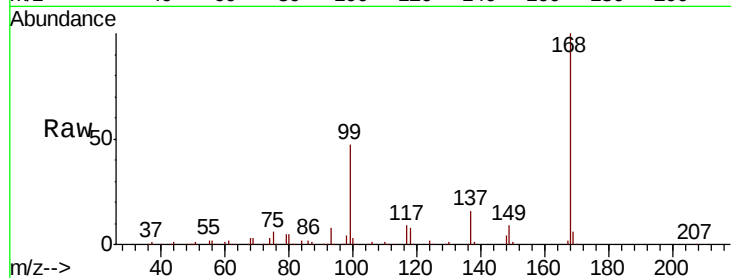




#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW006055.D
Acq: 12 Oct 2018 19:03

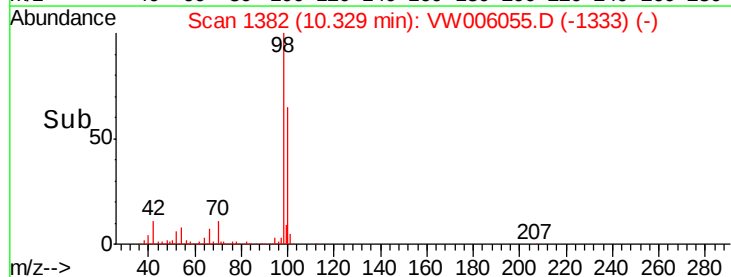
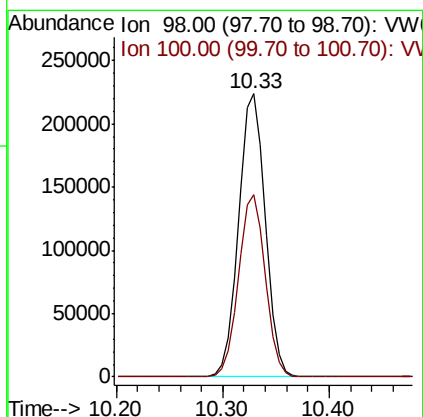
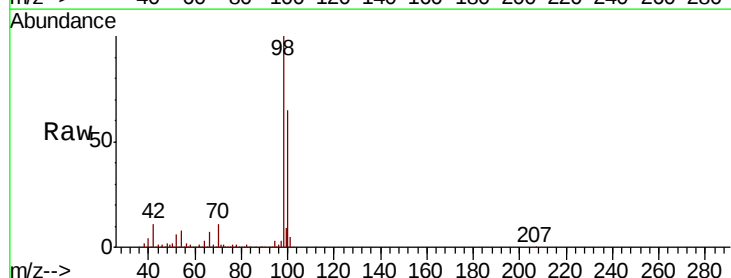
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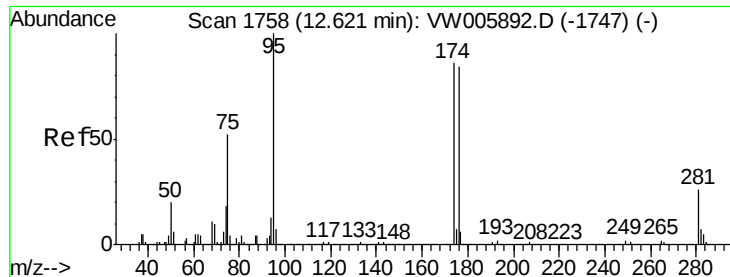
Tgt Ion:117 Resp: 18893
Ion Ratio Lower Upper
117 100
119 4.7 78.6 117.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006055.D
Acq: 12 Oct 2018 19:03

Tgt Ion: 98 Resp: 394016
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

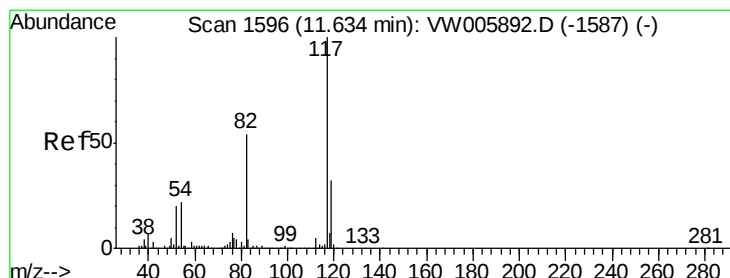
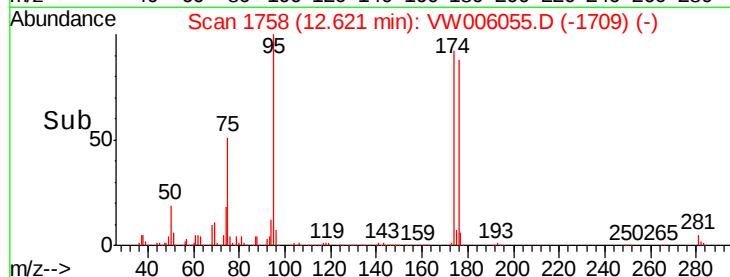
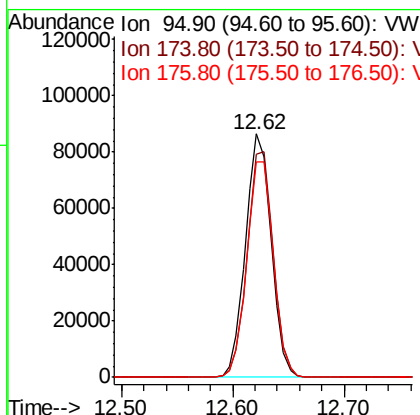
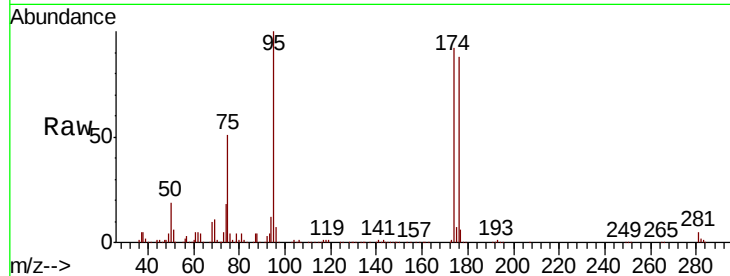




#62
4-Bromofluorobenzene
Concen: 46.639 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006055.D
Acq: 12 Oct 2018 19:03

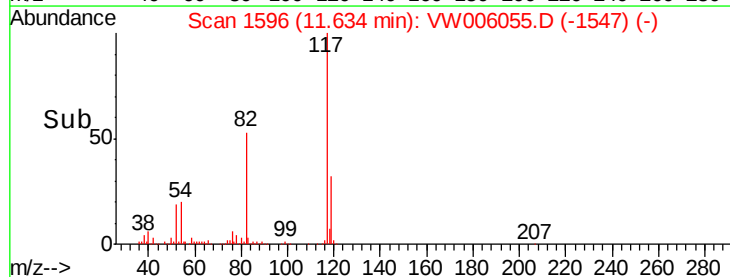
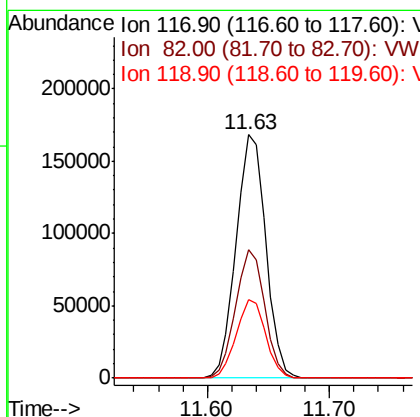
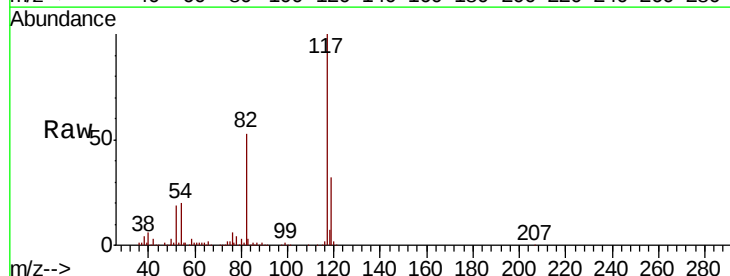
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CL-02-101218-E

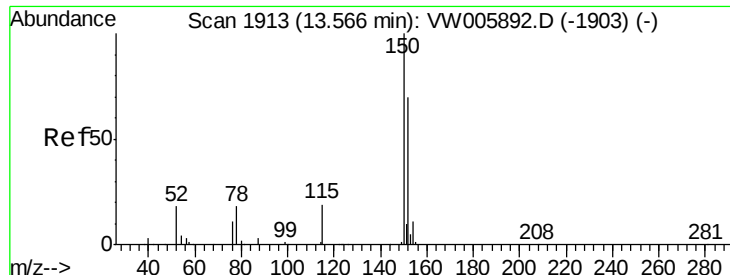
Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	176.4
176	91.4	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006055.D
Acq: 12 Oct 2018 19:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	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: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-E

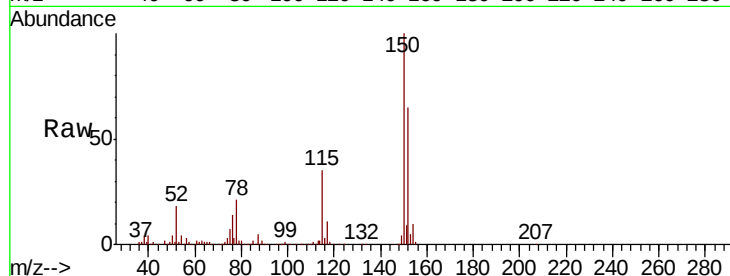
Tgt Ion: 152 Resp: 137652

Ion Ratio Lower Upper

152 100

115 54.7 28.3 85.0

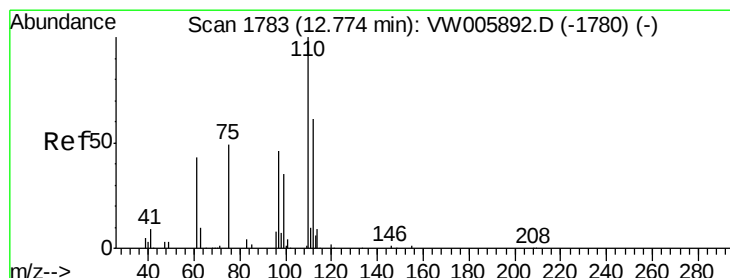
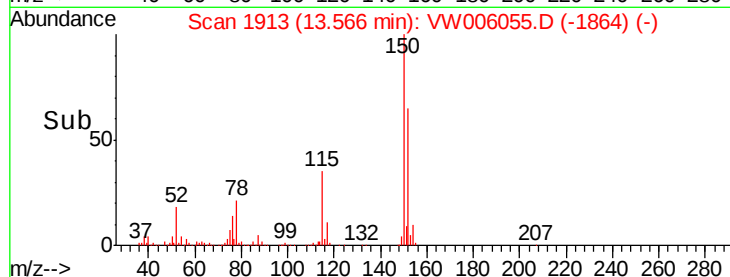
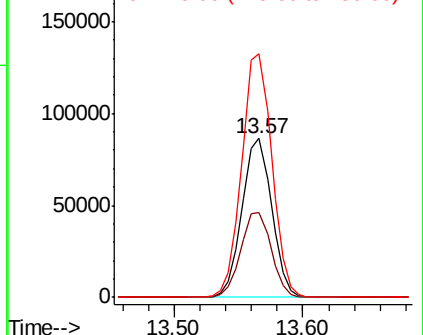
150 155.6 0.0 349.2



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: 57.439 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006055.D

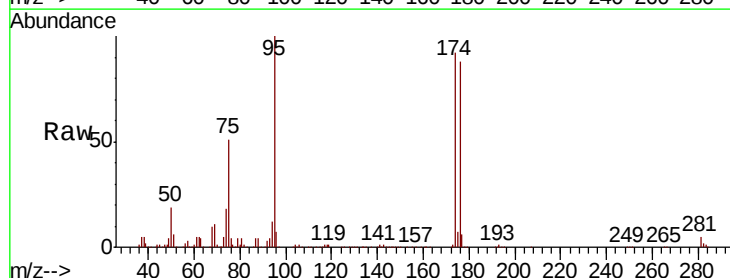
Acq: 12 Oct 2018 19:03

Tgt Ion: 75 Resp: 70628

Ion Ratio Lower Upper

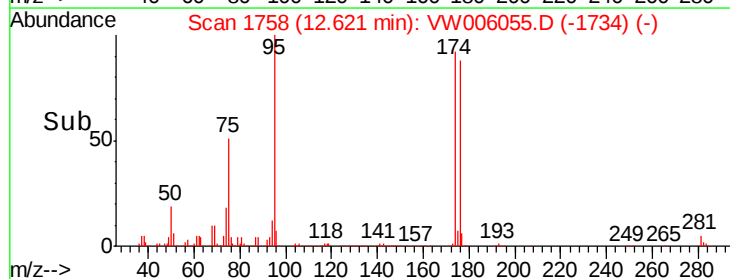
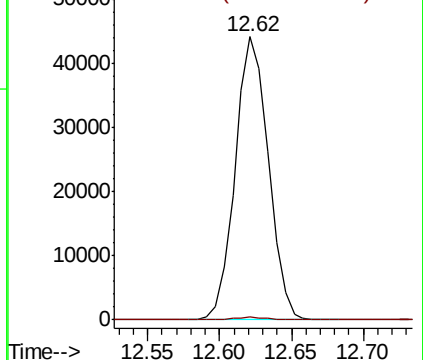
75 100

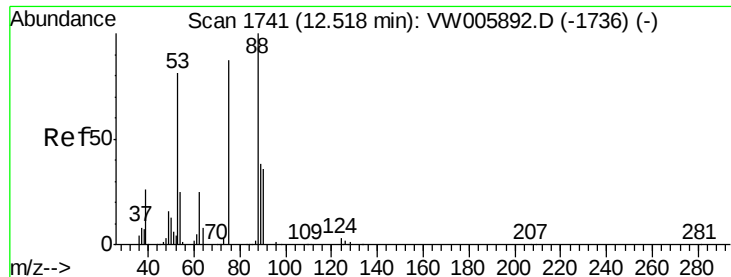
77 1.1 0.0 0.0#



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: 121.261 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006055.D

Acq: 12 Oct 2018 19:03

Instrument :

MSVOA_W

ClientSampleId :

CL-02-101218-E

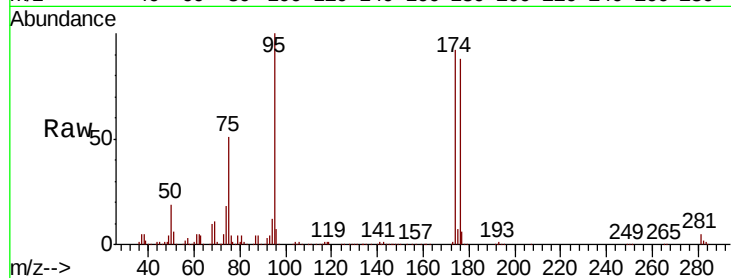
Tgt Ion: 75 Resp: 70628

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.2 37.6 56.4#



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

