

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005970.D
 Acq On : 10 Oct 2018 05:42
 Operator : SY/AP
 Sample : J5326-36RE
 Misc : 4.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PH-1-STONE

Quant Time: Oct 10 06:38:12 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

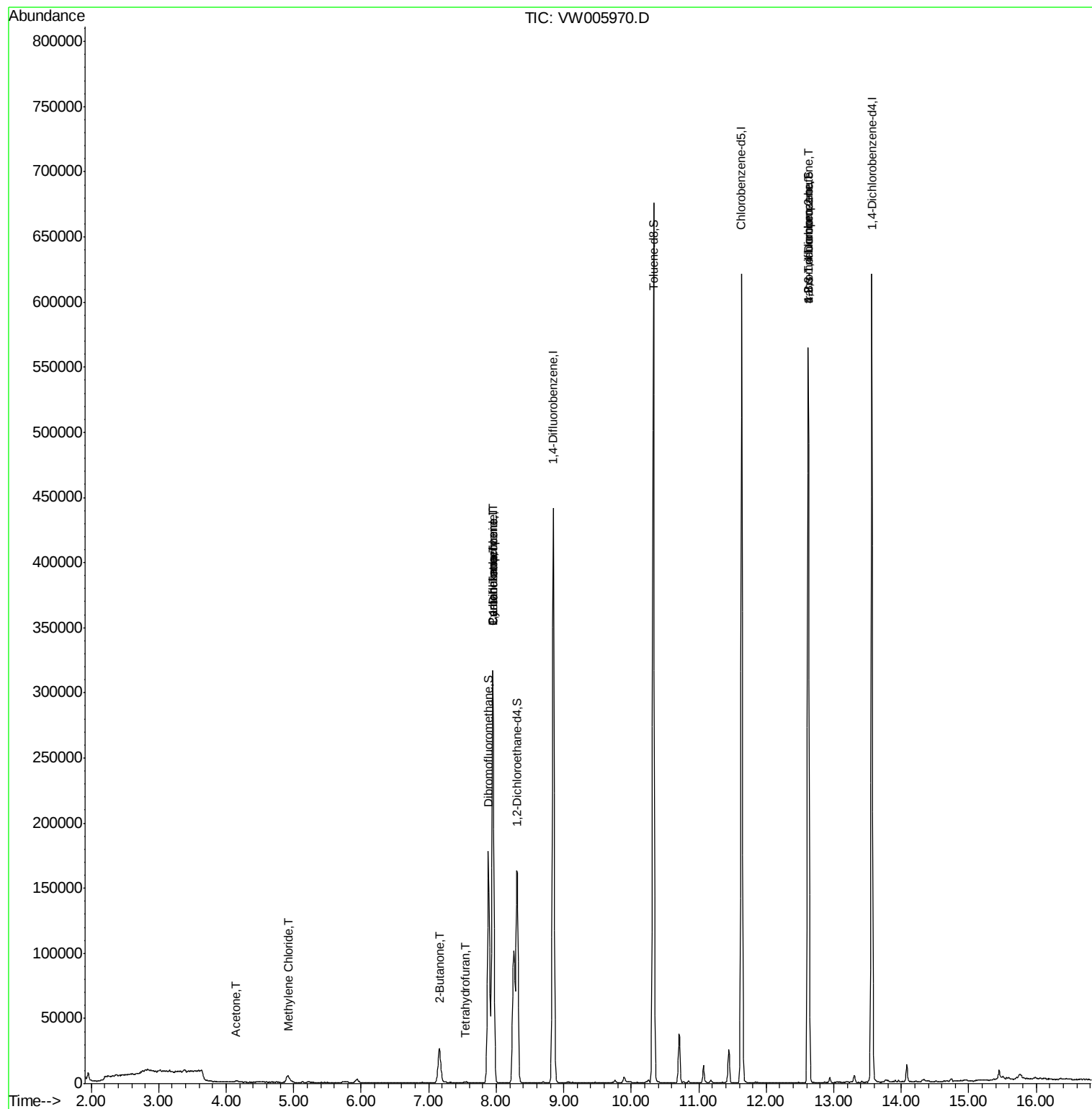
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127292	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.88	113	124730	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.33	98	470192	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	161546	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	2095	4.285	ug/l #	86
20) Methylene Chloride	4.92	84	4473	1.826	ug/l	94
25) 2-Butanone	7.16	43	1972	2.836	ug/l #	81
29) Tetrahydrofuran	7.54	42	475	1.081	ug/l #	34
31) Cyclohexane	7.95	56	4985	1.163	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	17137	4.604	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22486	5.622	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	81891	54.261	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81891	114.552	ug/l #	11

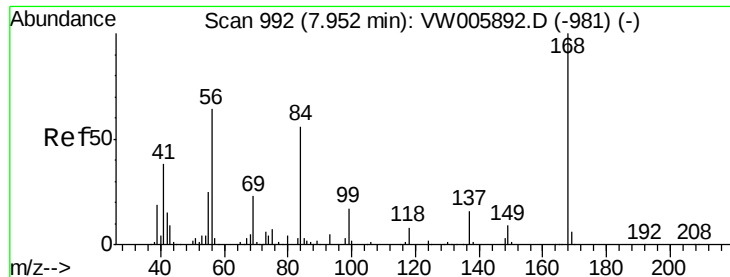
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
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Quant Title : SW846 8260
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: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

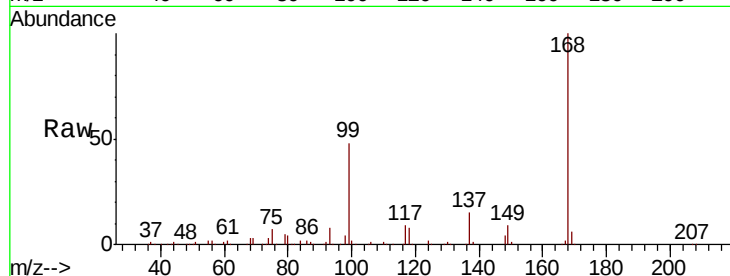
FL-PH-1-STONE

Tgt Ion:168 Resp: 252129

Ion Ratio Lower Upper

168 100

99 47.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

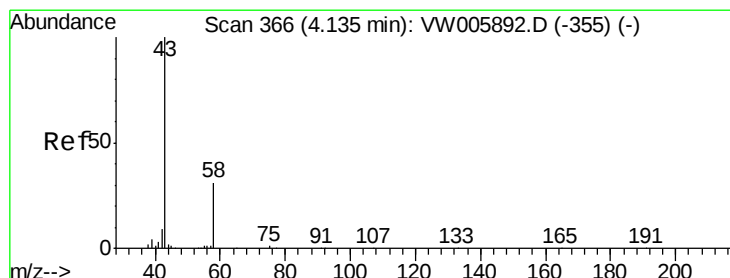
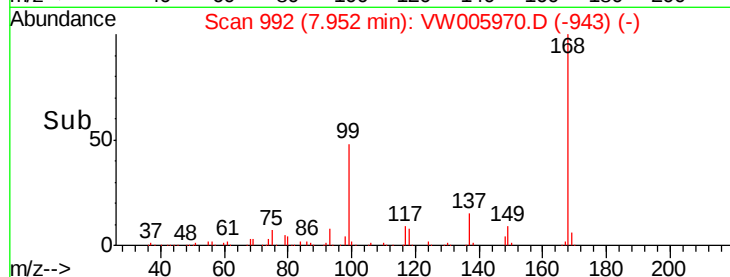
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 4.285 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005970.D

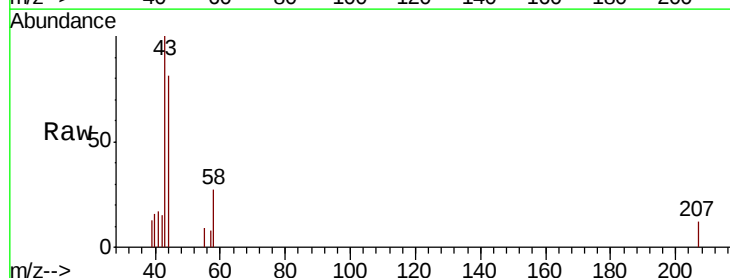
Acq: 10 Oct 2018 05:42

Tgt Ion: 43 Resp: 2095

Ion Ratio Lower Upper

43 100

58 23.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

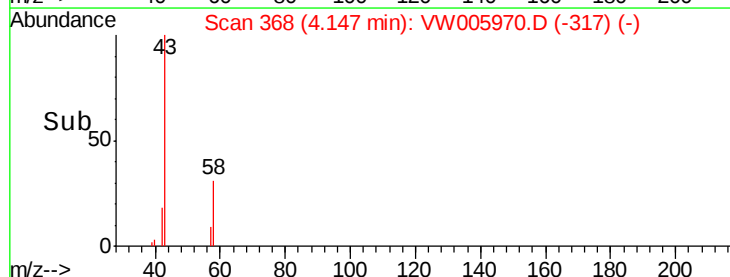
600

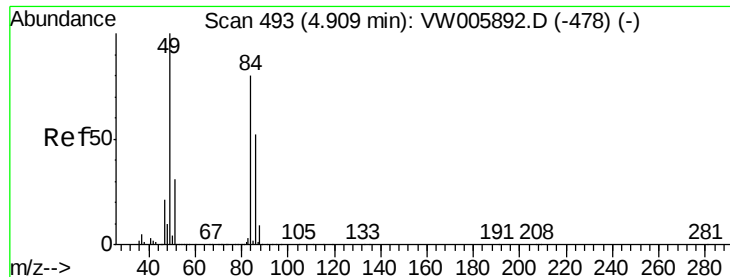
400

200

0

Time-->





#20

Methylene Chloride

Concen: 1.826 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-1-STONE

Tgt Ion: 84 Resp: 4473

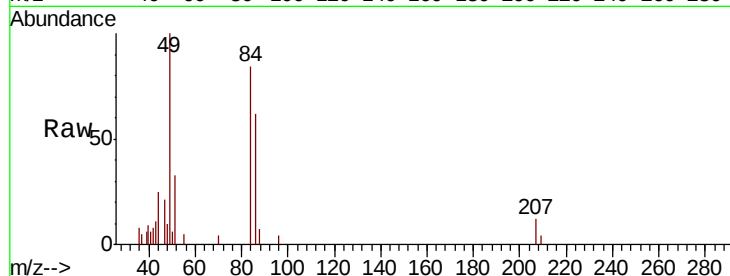
Ion Ratio Lower Upper

84 100

49 119.3 99.9 149.9

51 38.9 31.1 46.7

86 74.4 51.8 77.6

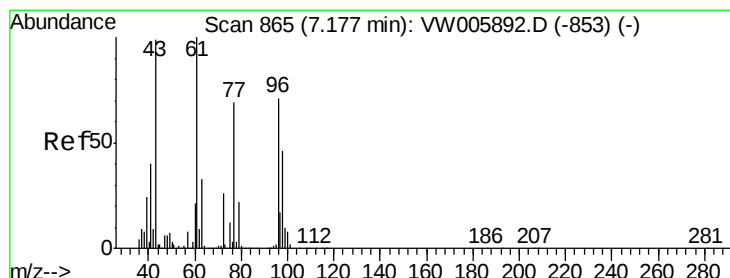
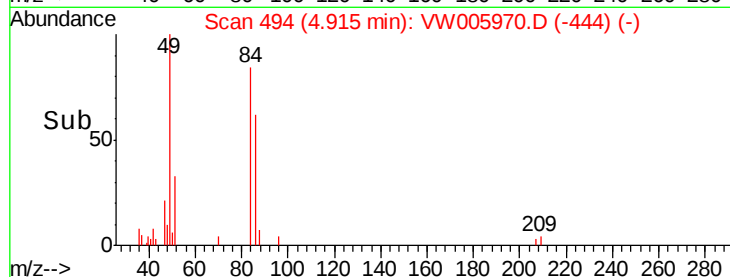
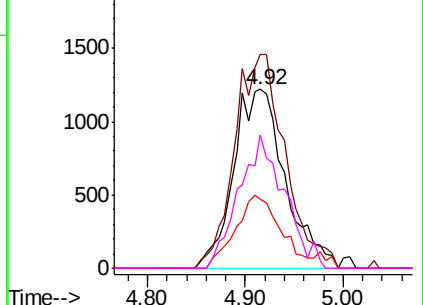


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 2.836 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005970.D

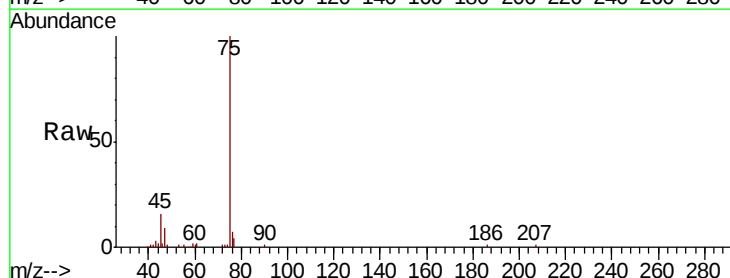
Acq: 10 Oct 2018 05:42

Tgt Ion: 43 Resp: 1972

Ion Ratio Lower Upper

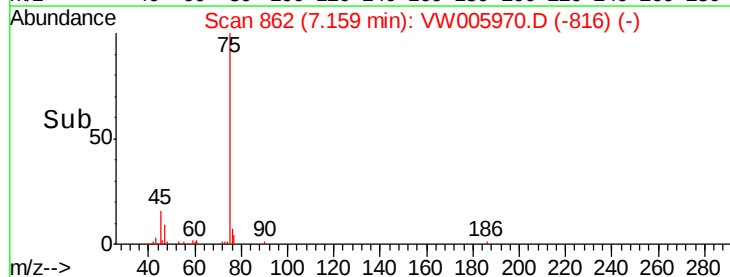
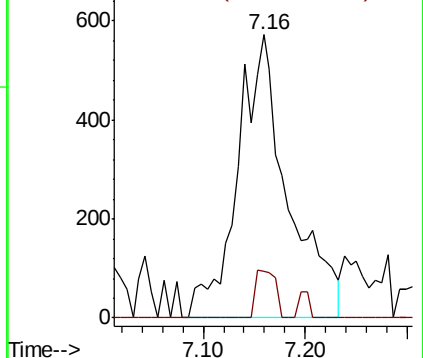
43 100

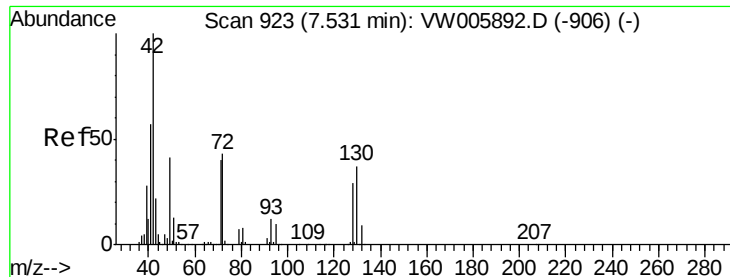
72 16.4 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.081 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-1-STONE

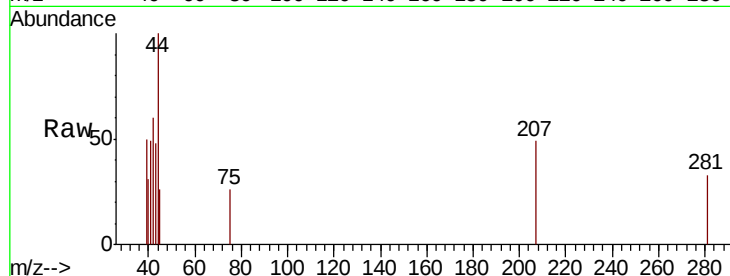
Tgt Ion: 42 Resp: 475

Ion Ratio Lower Upper

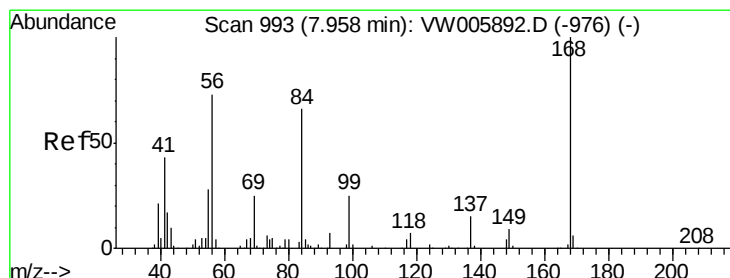
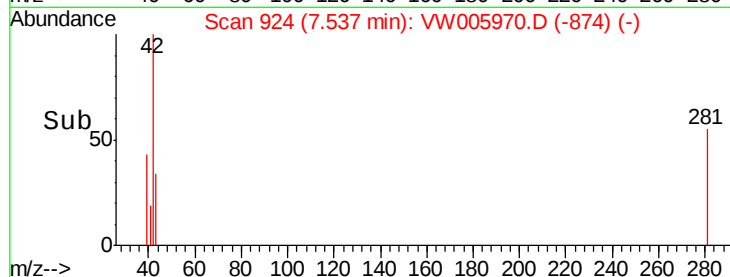
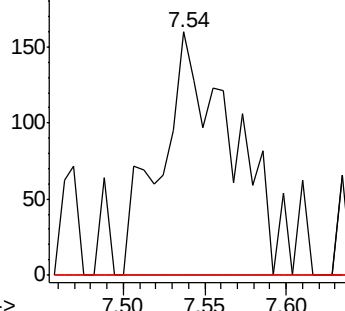
42 100

72 0.0 34.6 51.8#

71 0.0 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: 1.163 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

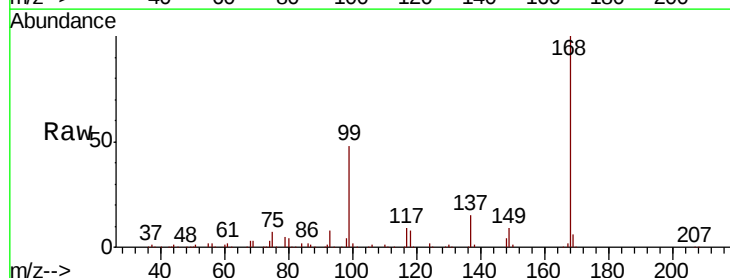
Tgt Ion: 56 Resp: 4985

Ion Ratio Lower Upper

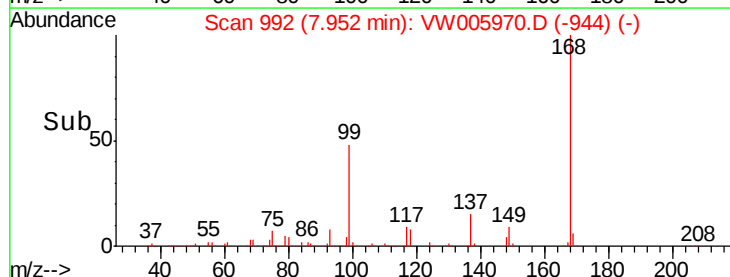
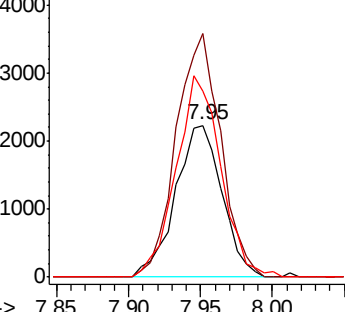
56 100

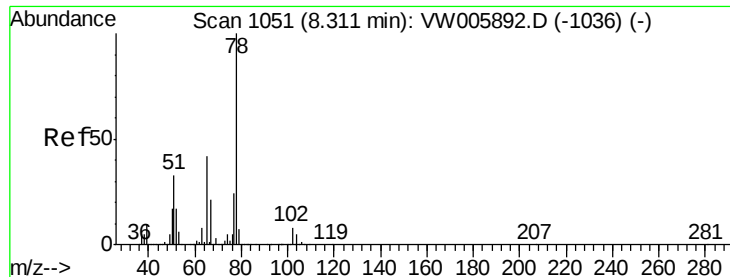
69 160.2 27.9 41.9#

84 122.6 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

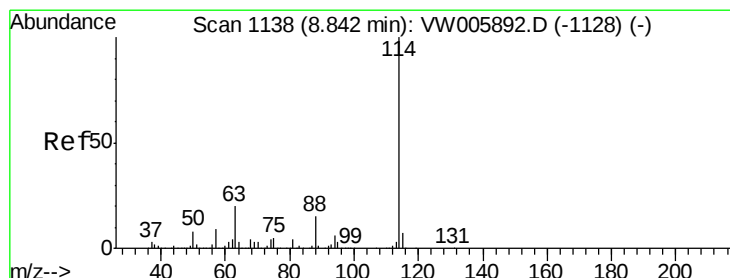
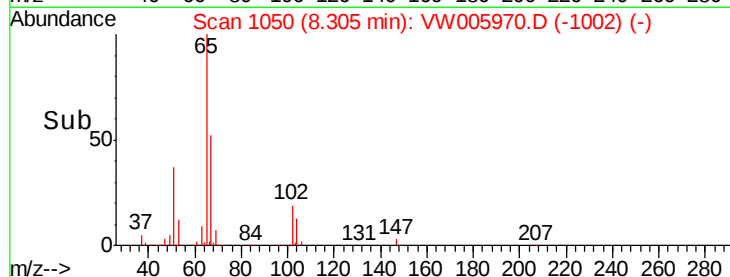
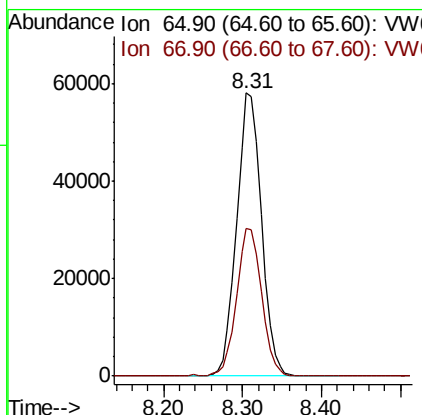
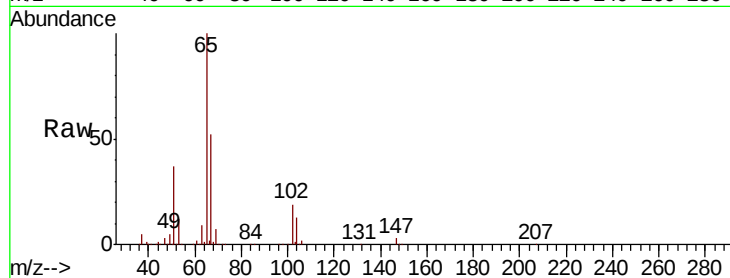




#33
 1,2-Dichloroethane-d4
 Concen: 52.007 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005970.D
 Acq: 10 Oct 2018 05:42

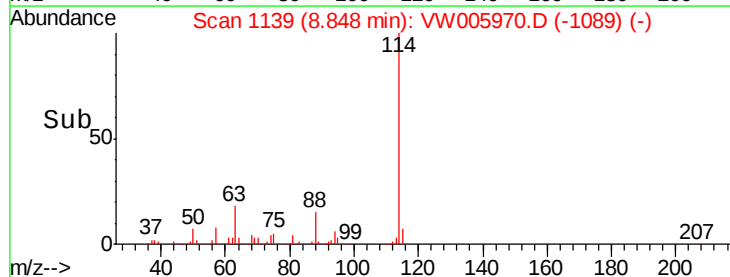
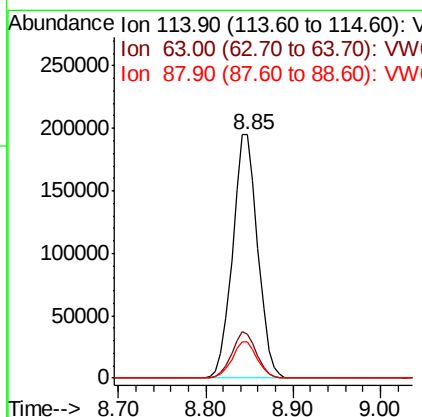
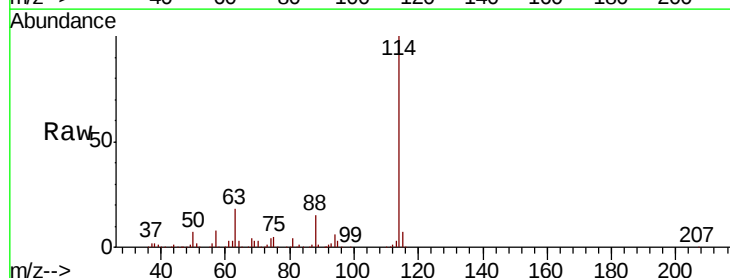
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PH-1-STONE

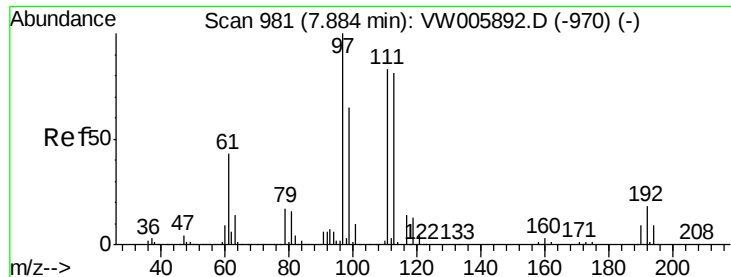
Tgt Ion: 65 Resp: 127292
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005970.D
 Acq: 10 Oct 2018 05:42

Tgt Ion: 114 Resp: 388481
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.289 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
FL-PH-1-STONE

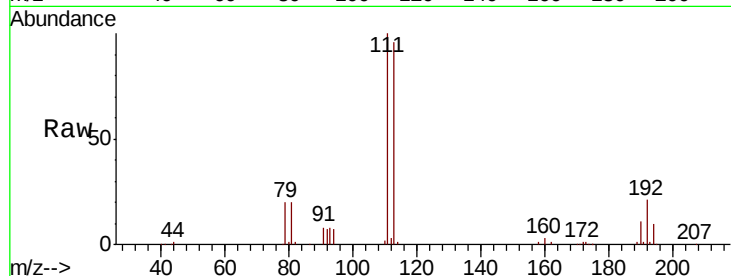
Tgt Ion: 113 Resp: 124730

Ion Ratio Lower Upper

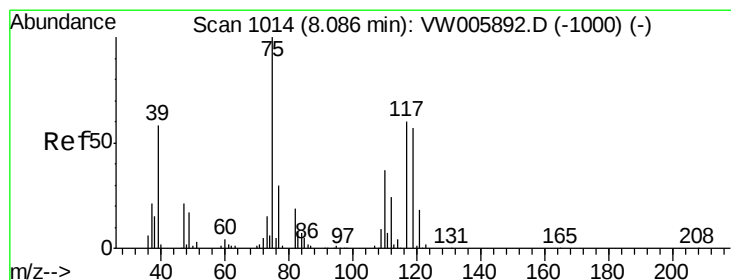
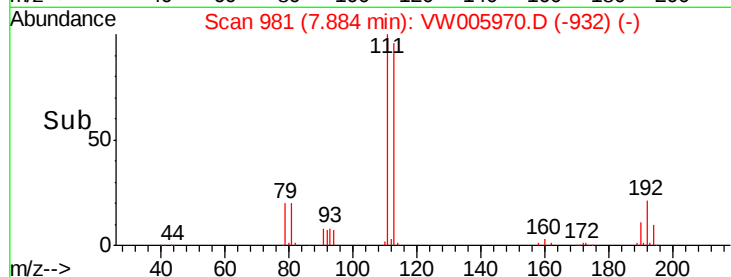
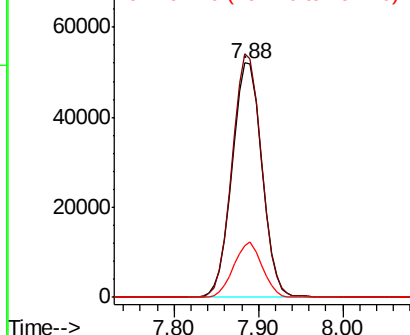
113 100

111 102.4 82.0 123.0

192 22.5 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: 4.604 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

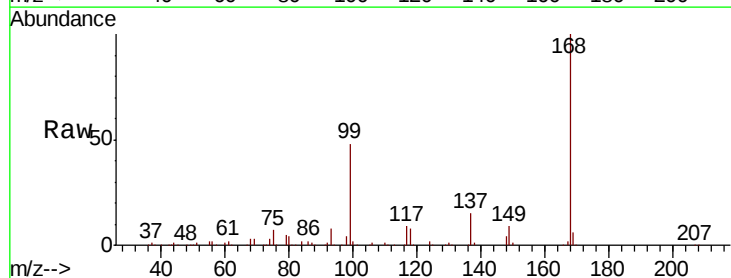
Tgt Ion: 75 Resp: 17137

Ion Ratio Lower Upper

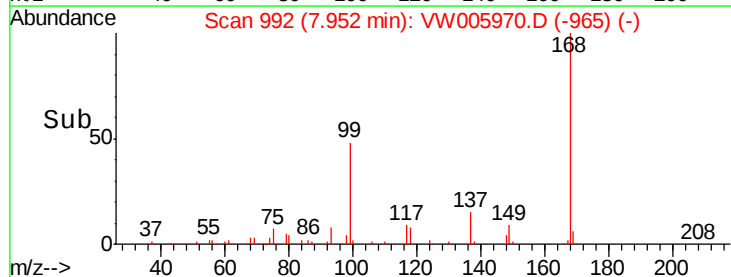
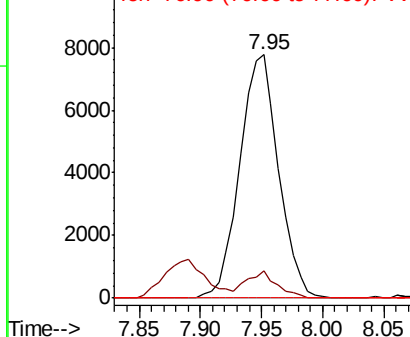
75 100

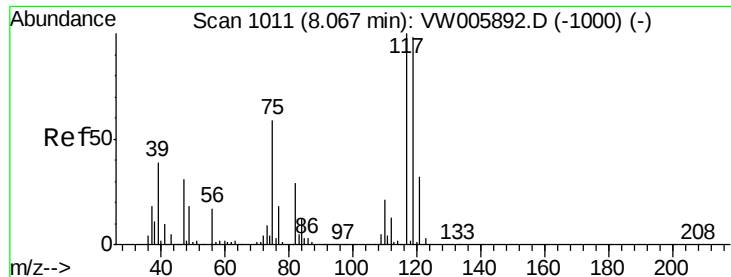
110 8.7 18.6 56.0#

77 0.0 24.7 37.1#



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





#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-1-STONE

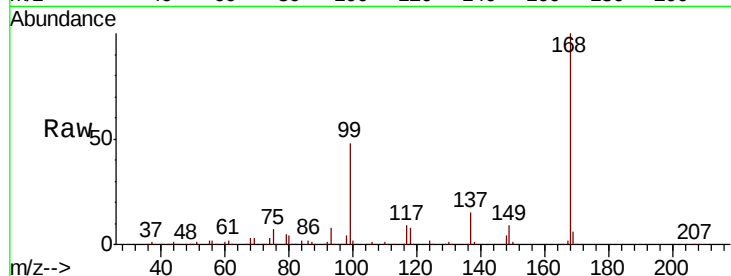
Tgt Ion:117 Resp: 22486

Ion Ratio Lower Upper

117 100

119 4.5 78.6 117.8#

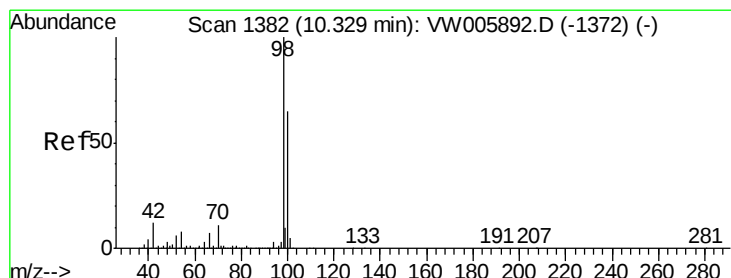
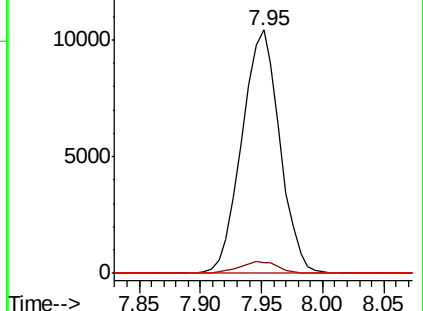
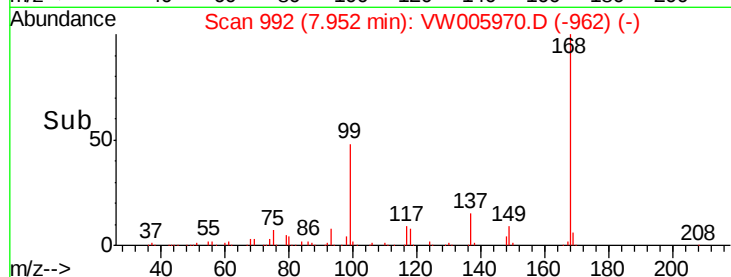
121 0.0 25.3 37.9#



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: 49.272 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005970.D

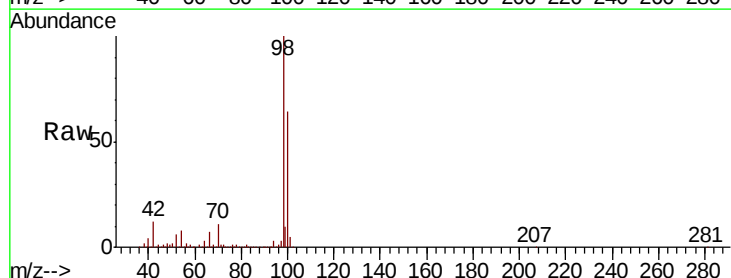
Acq: 10 Oct 2018 05:42

Tgt Ion: 98 Resp: 470192

Ion Ratio Lower Upper

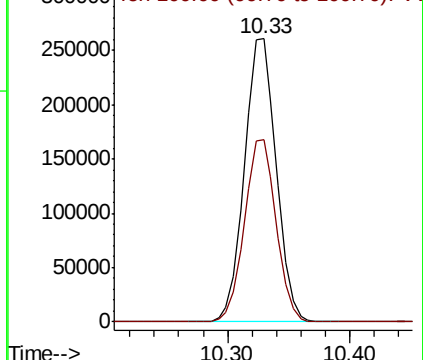
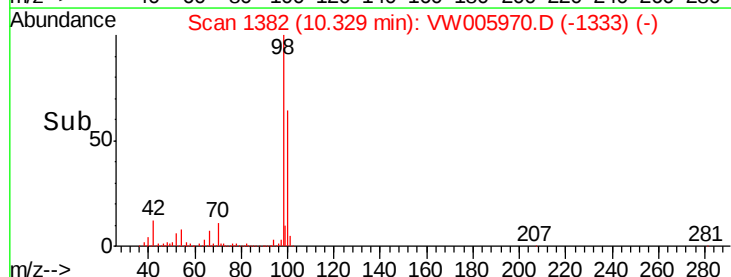
98 100

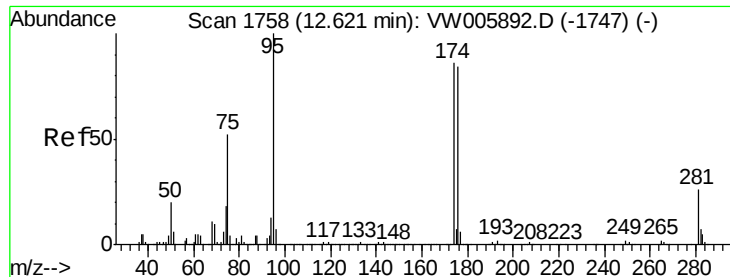
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.495 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :

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FL-PH-1-STONE

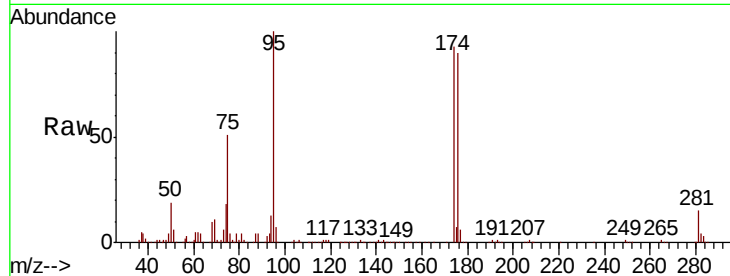
Tgt Ion: 95 Resp: 161546

Ion Ratio Lower Upper

95 100

174 93.5 0.0 176.4

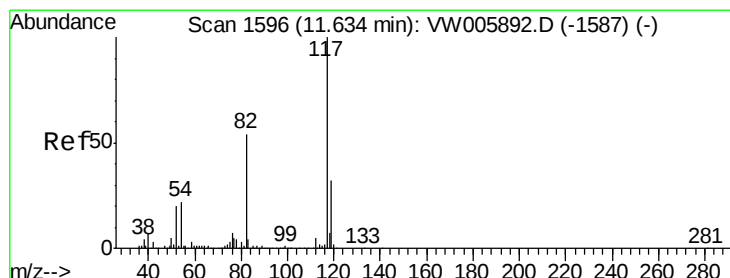
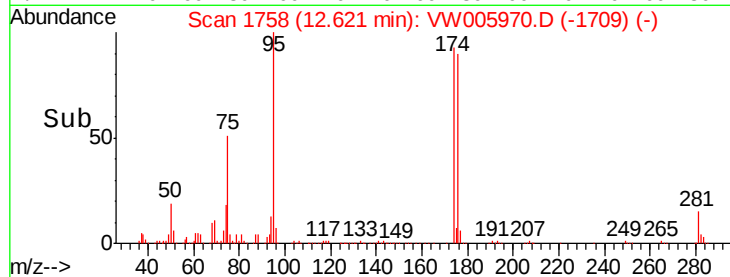
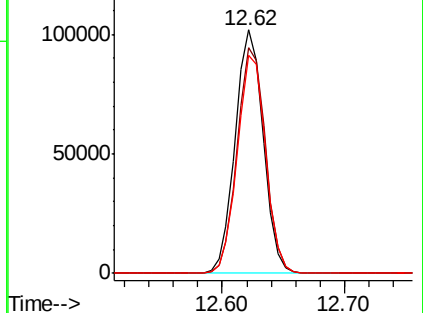
176 90.4 0.0 173.0



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: VW005970.D

Acq: 10 Oct 2018 05:42

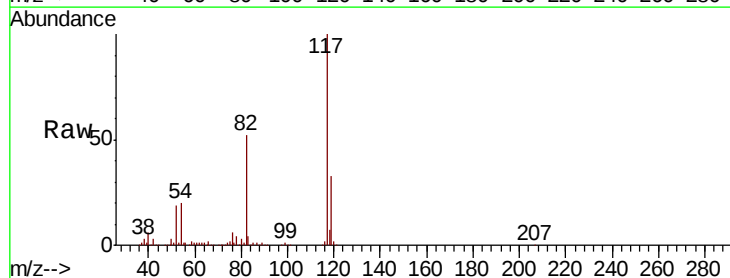
Tgt Ion: 117 Resp: 351410

Ion Ratio Lower Upper

117 100

82 52.2 43.5 65.3

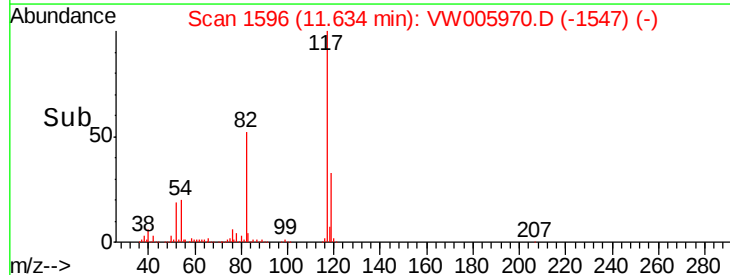
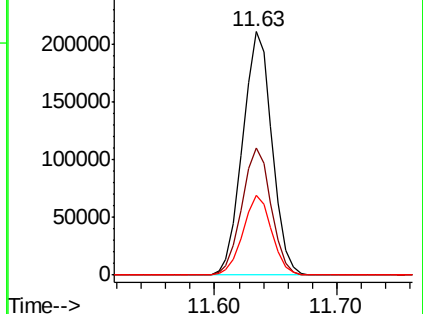
119 32.9 25.4 38.2

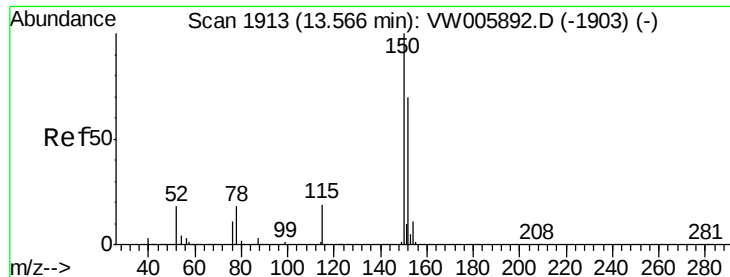


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



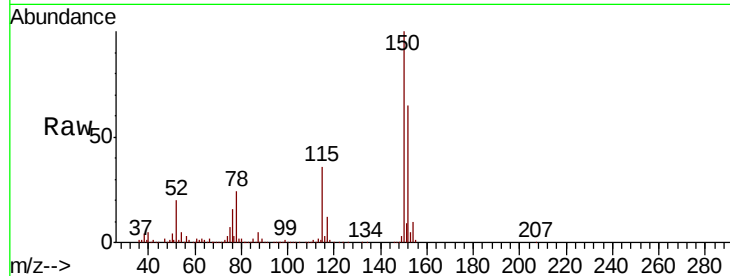


#72

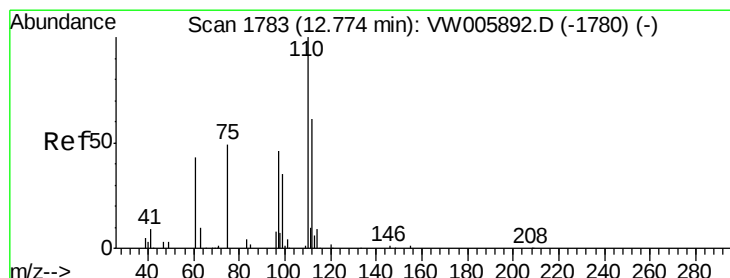
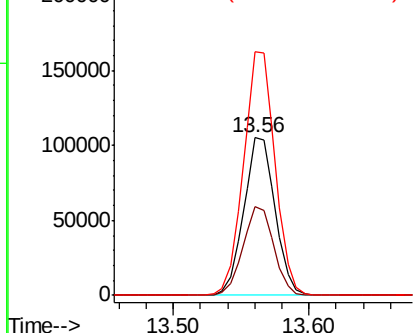
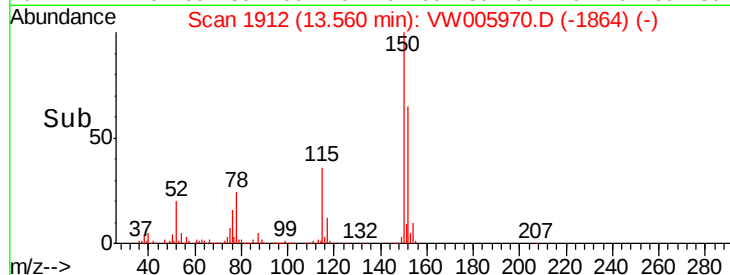
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005970.D
Acq: 10 Oct 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
FL-PH-1-STONE

Tgt Ion: 152 Resp: 168951
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 155.5 0.0 349.2



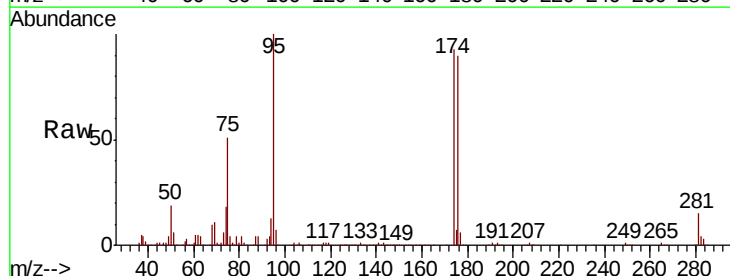
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



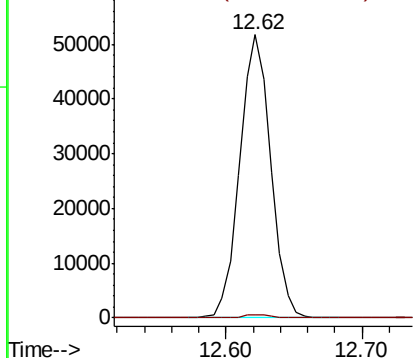
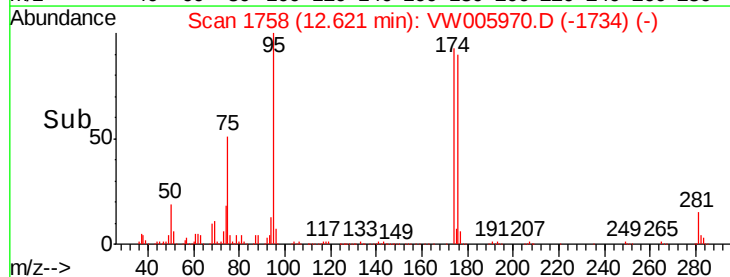
#76

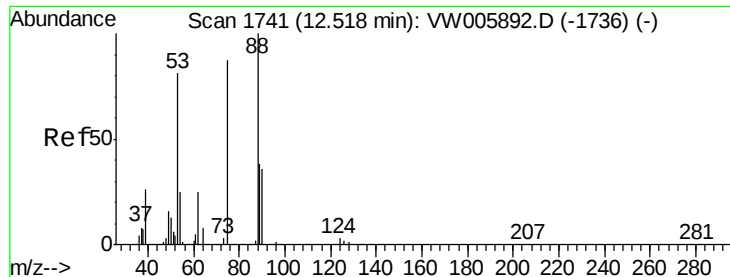
1,2,3-Trichloropropane
Concen: 54.261 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005970.D
Acq: 10 Oct 2018 05:42

Tgt Ion: 75 Resp: 81891
Ion Ratio Lower Upper
75 100
77 1.0 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: 114.552 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005970.D

Acq: 10 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-1-STONE

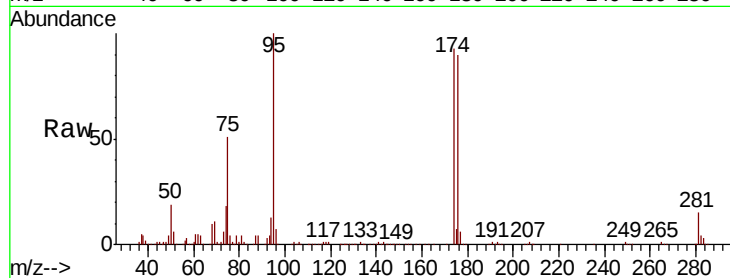
Tgt Ion: 75 Resp: 81891

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 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

